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# ByDesign Online API Web Service Reference

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# Overview

## Description

This document contains Web Service descriptions for the following services.

## Web Services

| Name                             | Description  |
|----------------------------------|--|
| ByDesign Online API              | This is the main API to be used for integration with ByDesign. This API allows the creation of orders, customers, and representatives; the process of realtime payments; and various other actions or requests normally used for online account integration. |
| ByDesign Extranet API            | This is the main API to be used for integrations related to a Representative's BackOffice. This API offers many reporting elements as well as various other actions such as ticket management, shipping profiles, and preferred placement.                   |
| ByDesign Order API               | This API provides the core functionality necessary for handling administrative tasks for updating and processing order information, core shipping functionality, and modifying invoice notes for an order, and printing packsliips.                          |
| ByDesign AutoshipAPI             |  |
| ByDesign<br>GenericWebServiceAPI |  |
| ByDesign<br>OnlineLeadsAPI       |  |
| ByDesign PromotionsAPI           |  |
| ByDesign<br>ReplicatedSiteAPI    |  |

# ByDesign Online API Web Service

## Description

This is the main API to be used for integration with ByDesign. This API allows the creation of orders, customers, and representatives; the process of realtime payments; and various other actions or requests normally used for online account integration.

## Type

SOAP

## Style

Document

## See Also

[Methods](#) | [Complex Types](#) | [Simple Types](#)

## Methods: ByDesign Online API

### Methods

| Name                           | Description  |
|--------------------------------|--|
| AddCredit                      | This method Adds/Deletes a PaymentCredit for a give RepID/CustomerID   |
| AddPersonalization             | For a given order detail ID, this method will add a personalization text to the detail item. By passing the detail ID, the classification type (1=OnlineOrderDetailID,2=OrderDetailID), the personalization string, and the sequence for which to show the personalizations in, the system will add the personalization to the detail item within the order.         |
| AddRelationshipOrderDetails    | Allows one to group a particular item into a inventory relationship group. Note: This can be done for either an order or online order. One should only pass one detail id, the other may stay as zero  |
| AssociateOnlineOrderToMaster   | When using master orders, this will allow tying an online order id to the parent master order id.  |
| AssociateOrderToParty          | For a given order, this method will associate the order with a given party ID.   |
| CheckEmail                     | This method will validate that a given email doesn't already exist in the system. A type of 0,1, or 2 can be added to specify which accounts to check in the system (0=Reps,1=Customers,2=Both). The result will return 0 should no account have that email or the amount of accounts which have the matching email.   |
| CheckRepSSN                    | This method will validate that a given SSN doesn't already exist in the system. A rep can be added to exclude from the check should that be the rep for whose SSN is being verified.   |
| CheckRepURL                    | This method will validate that a given URL doesn't already exist in the system. A rep can be added to exclude from the check should that be the rep for whose URL is being verified.   |
| CreateBackOfficeProfileNote    | To post a static, non-critical note without any category or type selections in the Freedom Back office profile page of a rep or customer   |
| CreateCustomer                 | Once all items related to custom creation are completed, one can use this method to finalized the customer creation process. Note: For most of our clients, one can call this immediately after calling CreateOnlineCustomer.  |
| CreateCustomerPasswordResetKey | Use this API for generating a new password reset key for a given customer. This can be used in case the client uses their own AutoResponder system.  |
| CreateManualPayoutAdjustment   | Allows the uploading of PayOut Adjustments through API.  |
| CreateMasterOrder              | A master order is an order which holds other orders. This is like creating a party order without actually holding a party. Once a master order is created, one can assign other orders into the master order. For further information on Master Orders, it is suggested to contact ByDesign.   |
| CreateOnlineCustomer           | This method allows one to create a temporary customer. In most instances, the returned Online Customer ID can be instantly used to create a permanent customer (see CreateCustomer). However, for some companies, a beginning order is sometimes created upon the customer creation. This can be done much like a rep signup process with an initial order creation. |

| Name                  | Description  |
|-----------------------|--|
| CreateOnlineOrder     | This method is the starting block of the order creation process. This will essentially create a temporary order that allows one to add items for calculating total cost, shipping, and etc. One will need to create a temporary order prior to persisting the order. In order to create a finished order, create an online order, enter and add items and then use the CreateOrder method to finish the order.   |
| CreateOnlineOrder_V2  | This method is the starting block of the order creation process. This will essentially create a temporary order that allows one to add items for calculating total cost, shipping, and etc. One will need to create a temporary order prior to persisting the order. In order to create a finished order, create an online order, enter and add items and then use the CreateOrder method. This v2 not only validates the value entered to each parameters and return success or fail result but also show the reason for failure.   |
| CreateOnlineSignup    | This method is step #1 in creating a representative. Essentially, an online signup is a temporary record that holds a potential representatives information. One can enter the below information for a potential representative and create a signup order to go along with it. There are other methods that one can use in order to finish creating a representative such as CreateRep, but it is strongly suggested to look through most methods in this webservice prior to attempting to create a representative.   |
| CreateOnlineSignup_v2 | This method is step #1 in creating a representative. Essentially, an online signup is a temporary record that holds a potential representatives information. One can enter the below information for a potential representative and create a signup order to go along with it. There are other methods that one can use in order to finish creating a representative such as CreateRep, but it is strongly suggested to look through most methods in this webservice prior to attempting to create a representative. Note: V2 allows for a different set of beginning parameters for the signup. A result of -4 means the password does not meet the minimum requirements. |
| CreateOrder           | This method can be used to finalize order creation. In most instances, only the online order id is needed except for signup when the online signup id can be used to associated the order with the rep creation.   |
| CreateOrder_v2        | This method can be used to finalize order creation. In most instances, only the online order id is needed except for signup when the online signup id can be used to associated the order with the rep creation. This method support create orders without payment attached.   |
| CreateRep             | Once a online signup is created and all items related to the signup are completed, one can submit the online signup id to this method in order to create the finalized representative. This method will return -1 for an invalid creation, or the actual RepDID of the finalized representative.   |
| CreateRep_V2          | The purpose of the new version of this API is to provide the ability to provide the user with a success/fail message and to install more useful and consumable error handling.   |
| GenerateAR            | This method will manually generate autoresponders dependent upon the type. Depending upon the client's setting, some of these are sent automatically during signup, order creation, and etc.. One will need to check with the client prior to calling this after each signup/order placement/etc. as that may end up with multiple autoresponders being generated.   |

**Methods**

| Name                           | Description   |
|--------------------------------|---|
| GetAvailableCredits            | This method will return the available credits for a given Rep# or Customer#.  |
| GetCountries                   | This method will return the available countries. This can be used when running international shopping carts as it is possible to have different items available for each country, and Country must be used as defined by this function.   |
| GetCountryStates               | This will return the available states for one country or all states stored by country. Optional Inputs: Country are optional, if you don't provide a Country, complete list of states and country will be returned.<br>INVALID_CREDENTIALS: Means that credentials are incorrect or invalid.<br>COUNTRY_NOT_FOUND: Means that provided Country was not found in the system or no Country States are setup.<br>TRANSACTION_DISPATCHED_EXCEPTION: In case we get an error in the transaction, we will communicate that by this message.<br>SUCCESS: Means that API method retrieved country states correctly. |
| GetCreditTypes                 | Returns the available credit types that are not system generated  |
| GetCurrencyTypes               | This will return all currency types in the system   |
| GetCustomerByGuid              | This method can be used to authenticate a customer for a given GUID and RepDID. This is normally done when using a link to go from one part of a website to another (separate domains). By giving the authentication information, this method will return whether or not the authentication info is valid and for which customer/rep it is valid.   |
| GetCustomerInfo                | This function allows one to retrieve a customer's info for their given Customer #.  |
| GetCustomerInfo_v2             | GetCustomerInfo() with the addition of the PreferredCulture in the response.  |
| GetCustomerInfo_v3             | GetCustomerInfo() with the addition of the PreferredCulture and ReferCustomer and CustomersReferred in the response.  |
| GetCustomerInfoWithShipping    | This function allows one to retrieve the customer information with both the billing and shipping information.   |
| GetCustomerInfoWithShipping_v2 | GetCustomerInfoWithShipping() with the addition of the PreferredCulture in the response.  |
| GetCustomerInfoWithShipping_v3 | GetCustomerInfoWithShipping() with the addition of the PreferredCulture and ReferCustomer and CustomersReferred in the response.  |
| GetCustomerInfoWithShipping_v4 | GetCustomerInfoWithShipping() with the addition of the PreferredCulture and ReferCustomer and CustomersReferred in the response.  |
| GetCustomerLookup              | To search customers   |
| GetCustomerStatusTypes         | This method will return the available customer types within the system.   |
| GetCustomerTypes               | This method will return the available customer types within the system.   |

| Name                                  | Description   |
|---------------------------------------|---|
| GetCustomPayoutMethodDetailsForRepDID | This method allows one to pull the custom detail information for a payout method that was defined from the backoffice. Since the format of the payout method can change from selections within the Freedom BackOffice. This method and the related update method are completely dynamic. One can use this method without passing a RepDID to see the format of the detail items needed for the payout method, or pass the payout method ID and the RepDID to return the format and the current values for the passed RepDID.  |
| GetGiftCardAccounts                   | If a client is using gift cards, this method will return a list of gift card accounts currently setup.  |
| GetGiftCardFields                     | For a given gift card account, this method will return the fields related to the gift card setup.   |
| GetInventory_ByCategory               | For a given Rep# or Customer#, PriceType (Retail, wholesale, etc.), Locale ID (default of 1), Category, and Country (USA, etc.) one can search for an Inventory Item. The Category used can be either the CategoryID or the category description  |
| GetInventory_ProductSearch            | For a given Rep# or Customer#, PriceType (Retail, wholesale, etc.), and Locale ID (default of 1), one can search for an Inventory Item for a given search term and/or a price range.  |
| GetInventory_ProductSearch_v2         | For a given Rep# or Customer#, PriceType (Retail, wholesale, etc.), Locale ID (default of 1), and Country (USA, etc.) one can search for an Inventory Item for a given search term and/or a price range.  |
| GetInventory_ProductSearch_v3         | For a given Rep# or Customer#, PriceType (Retail, wholesale, etc.), Locale ID (default of 1), and Country (USA, etc.) one can search for an Inventory Item for a given search term and/or a price range. Note: The only difference between V2 and V3 is the format in which the data is returned.   |
| GetInventory_Shopping                 | For a given Rep# or Customer#, PriceType (wholesale, retail, etc.), and Locale ID (1 being default), one can retrieve all the shopping items available. Note: One can also specify whether AutoShip items should be returned or not.  |
| GetInventory_Shopping_v2              | For a given Rep# or Customer#, PriceType (wholesale, retail, etc.), Locale ID (1 being default), and Country (USA, etc.), one can retrieve all the shopping items available. Note: One can also specify whether AutoShip items should be returned or not.   |
| GetInventory_Shopping_v3              | For a given Rep# or Customer#, PriceType (wholesale, retail, etc.), Locale ID (1 being default), and Country (USA, etc.), one can retrieve all the shopping items available. Note: One can also specify whether AutoShip items should be returned or not; also, the only difference between V2 and V3 is the format in which the data is returned.  |
| GetInventory_Shopping_v4              | This method retrieves all the shopping items available for a given Rep# or Customer#, PriceType (wholesale, retail, etc.), and Country, but, in addition to previous versions, this retrieves the tax rate and tax included price of the items. Also, you can only define Rep# or Customer# and leave PriceType and Country empty in order to use the shipping information and rank type of the given Rep# or Customer# (Use this option if the company uses a Tax Engine that needs further information than just the Country for calculating taxes). Besides you can only define PriceType and Country and don't provide any Rep# or Customer#.<br><b>Optional Inputs:</b> State, County, City, PostalCode and ShipGeoCode are optional, they can be usefull in case that the Tax Engine needs them and any Rep# or Customer# was |



## Methods

| Name                     | Description  |
|--------------------------|--|
|                          | <p>provided.&lt;br&gt;&lt;b&gt;Additional Required Inputs:&lt;/b&gt; LocaleID (1 being default), AutoShip (specify whether AutoShip items should be returned) and IncludeTax (specify whether PriceInclTax and TaxRate output parameters should be calculated, if IncludeTax is set to False, PriceInclTax and TaxRate will be null).&lt;br&gt;&lt;b&gt;Output Messages:&lt;/b&gt; This method will return a status message of the transaction. Besides, the output Success will return 1 or 0 if there was success or not, respectively&lt;br&gt;&lt;i&gt;INVALID_CREDENTIALS:&lt;/i&gt; Means that credentials are incorrect or invalid&lt;br&gt;&lt;i&gt;INVALID_COUNTRY:&lt;/i&gt; Means that provided Country was not found in the system&lt;br&gt;&lt;i&gt;INVALID_PRICETYPE:&lt;/i&gt; Means that provided price type was not found in the system&lt;br&gt;&lt;i&gt;INVALID_REPNUMBER:&lt;/i&gt; Means that provided Rep# was not found in the system&lt;br&gt;&lt;i&gt;INVALID_CUSTOMERNUMBER:&lt;/i&gt; Means that provided Customer# was not found in the system&lt;br&gt;&lt;i&gt;COUNTRY_IS_REQUIRED:&lt;/i&gt; Occurs when Rep# and Customer# are empty, and PriceType is defined but Country is empty. Due this API method returns tax information of shopping items, always Country is required if Rep# or Customer# are not provided.&lt;br&gt;&lt;i&gt;PRICETYPE_IS_REQUIRED:&lt;/i&gt; Occurs when Rep# and Customer# are empty, and Country is defined but PriceType is empty. Due this API method returns shopping items available for a price type, always PriceType will be required if user doesn't define neither Rep# nor Customer#.&lt;br&gt;&lt;i&gt;INVALID_PARAMETERS_PROVIDED:&lt;/i&gt; Occurs when Rep#, Customer#, Country and, PriceType are empty.&lt;br&gt;&lt;i&gt;TRANSACTION_DISPATCHED_EXCEPTION:&lt;/i&gt; In case we get an error in the transaction, we will communicate that by this message. &lt;br&gt;&lt;i&gt;NO_DATA_FOUND:&lt;/i&gt; This is not an error. Success output is set to 1. This message indicates that query was executed correctly but doesn't retrieve any shopping item.&lt;br&gt;&lt;i&gt;SUCCESS:&lt;/i&gt; Means that API method retrieved shopping items correctly.&lt;br&gt;&lt;b&gt;Other Notes:&lt;/b&gt; If IncludeTax is set enable, and items were retrieved successfully but TaxRate and PriceInclTax are NULL means this method was not able to calculate the tax rate with the given shipping information or price type</p> |
| GetInventory_Shopping_v5 | <p>This method retrieves all the shopping items available for a given Rep# or Customer#, PriceType (wholesale, retail, etc.), Country, also this retrieves the tax rate and tax included price of the items. But, in addition to previous versions, this method now pass Warehouse Information and 'On Hand' amounts for each warehouse returned.&lt;br&gt;&lt;b&gt;Optional Inputs:&lt;/b&gt; State, County, City, PostalCode and ShipGeoCode are optional, they can be usefull in case that the Tax Engine needs them and any Rep# or Customer# was provided.&lt;br&gt;&lt;b&gt;Additional Required Inputs:&lt;/b&gt; LocaleID (1 being default), AutoShip (specify whether AutoShip items should be returned) and IncludeTax (specify whether PriceInclTax and TaxRate output parameters should be calculated, if IncludeTax is set to False, PriceInclTax and TaxRate will be null).&lt;br&gt;&lt;b&gt;Output Messages:&lt;/b&gt; This method will return a status message of the transaction. Besides, the output Success will return 1 or 0 if there was success or not, respectively&lt;br&gt;&lt;i&gt;INVALID_CREDENTIALS:&lt;/i&gt; Means that credentials are incorrect or invalid&lt;br&gt;&lt;i&gt;INVALID_COUNTRY:&lt;/i&gt; Means that provided Country was not found in the</p>   |

| Name                             | Description  |
|----------------------------------|--|
|                                  | <p>system&lt;br/&gt;&lt;i&gt;INVALID_PRICETYPE:&lt;/i&gt; Means that provided price type was not found in the system&lt;br/&gt;&lt;i&gt;INVALID_REPNUMBER:&lt;/i&gt; Means that provided Rep# was not found in the system&lt;br/&gt;&lt;i&gt;INVALID_CUSTOMERNUMBER:&lt;/i&gt; Means that provided Customer# was not found in the system&lt;br/&gt;&lt;i&gt;COUNTRY_IS_REQUIRED:&lt;/i&gt; Occurs when Rep# and Customer# are empty, and PriceType is defined but Country is empty. Due this API method returns tax information of shopping items, always Country is required if Rep# or Customer# are not provided.&lt;br/&gt;&lt;i&gt;PRICETYPE_IS_REQUIRED:&lt;/i&gt; Occurs when Rep# and Customer# are empty, and Country is defined but PriceType is empty. Due this API method returns shopping items available for a price type, always PriceType will be required if user doesn't define nether Rep# nor Customer#.&lt;br/&gt;&lt;i&gt;INVALID_PARAMETERS_PROVIDED:&lt;/i&gt; Occurs when Rep#, Customer#, Country and, PriceType are empty.&lt;br/&gt;&lt;i&gt;TRANSACTION_DISPATCHED_EXCEPTION:&lt;/i&gt; In case we get an error in the transaction, we will communicate that by this message. &lt;br/&gt;&lt;i&gt;NO_DATA_FOUND:&lt;/i&gt; This is not an error. Success output is set to 1. This message indicates that query was executed correctly but doesn't retrieve any shopping item.&lt;br/&gt;&lt;i&gt;SUCCESS:&lt;/i&gt; Means that API method retrieved shopping items correctly.&lt;br/&gt;&lt;b&gt;Other Notes:&lt;/b&gt; If IncludeTax is set enable, and items were retrieved successfully but TaxRate and PriceInclTax are NULL means this method was not able to calculate the tax rate with the given shipping information or price type</p> |
| GetInventory_Signup              | For a given Rep#, PriceType (Retail, Wholesale, etc.), and Locale ID (default of 1), one can retrieve all Inventory Items available for signup.  |
| GetInventory_Signup_AddtlOptions | For a given Rep#, PriceType (Retail, Wholesale, etc.), Locale ID (default of 1), and Country (USA, etc.), one can retrieve all the additional signup items available.  |
| GetInventory_Signup_v2           | For a given Rep#, PriceType (Retail, Wholesale, etc.), Locale ID (default of 1), and Country (USA, etc.), one can retrieve all Inventory Items available for signup.   |
| GetInventory_Signup_v3           | For a given Rep#, PriceType (Retail, Wholesale, etc.), Locale ID (default of 1), and Country (USA, etc.), one can retrieve all Inventory Items available for signup. Note: The only difference between V2 and V3 is the format of the items returned.  |
| GetInventory_SingleItem          | This function allows one to enter the context for a single item and retrieve that item. One can enter the product ID, Rep# or Customer#, PriceType (retail, wholesale, etc.), and the Locale ID (default 1) to retrieve the item. Note: Should a Price type not exists for that product ID for the current rank of the Rep or Customer's Rep, this function will not return the item as the system will not allow that item to be purchased for the given Rep/Customer.  |
| GetInventory_SingleItem_v2       | This function allows one to enter the context for a single item and retrieve that item. One can enter the product ID, Rep# or Customer#, PriceType (retail, wholesale, etc.), Locale ID (default 1), and the Country (USA, etc.) to retrieve the item. Note: Should a Price type not exists for that product ID for the current rank of the Rep or Customer's Rep, this function will not return the item as the system will not allow that item to be purchased for the given Rep/Customer.   |

**Methods**

| Name                       | Description  |
|----------------------------|--|
| GetInventory_SingleItem_v3 | This function allows one to enter the context for a single item and retrieve that item. One can enter the product ID, Rep# or Customer#, PriceType (retail, wholesale, etc.), Locale ID (default 1), and the Country (USA, etc.) to retrieve the item. Note: Should a Price type not exist for that product ID for the current rank of the Rep or Customer's Rep, this function will not return the item as the system will not allow that item to be purchased for the given Rep/Customer. Also, the only difference between V2 and V3 is the format in which the data is returned. |
| GetLocales                 | This function will return the available locales. For most instances, only one locale [Default:1] will exist.   |
| GetLocalesbyShipCountry    | This will return locale information based on the ShipCountry in the system   |
| GetMiscFields              | This method will return the misc fields defined for a specific Primary Table. PrimaryTable is the table which is being extended with MiscFields.   |
| GetMiscFieldValue          | This method will return the value of a misc field.   |
| GetPayOutAdjustmentTypes   | Returns a data set of the PayOut Adjustment types by Description.  |
| GetPayoutMethods           | This method will return the available payout methods within the system.  |
| GetPersonalizations        | For a given orderid/onlineorderid, orderdetailid/onlineorderdetailid, and classification (1=OnlineOrderID,2=OrderID), one can see all the personalizations related to that detail item.  |
| GetRankTypes               | This method will return the available rank types in the system.  |
| GetRelationshipDetails     | This method allows one to see the relationship items for a given orderdetailid/onlineorderdetailid and item number context.  |
| GetRepByGuid               | For a given GUID & IPAddress, this method will authenticate a user. Note: The IP Address validation is controlled by an internal setting in the clients' BackOffice so this can be turned on or off dependent upon the client's security requirements.   |
| GetRepCodedUplineInfo      | This method will return a table with Rep's Coded Upline Information, specifically it will return Coded Description and UplineRepDID related to it.   |
| GetRepCustomers            | For a given rep number, this method will return all customers who were sponsored for a particular representative.  |
| GetRepInfo                 | This method will return information for a representative for its given Rep# or URL   |
| GetRepInfo_V2              | This method will return information for a representative for its given Rep# or URL   |
| GetRepInfo_V3              | This method will return information for a representative for its given Rep# or URL   |
| GetRepPassword             | This function allows one to retrieve the password for a given Rep# or Rep URL. Note: There are other functions that can be used to transact logins. This should only be used when only the password is required. (To verify the user again prior to modifying account settings...etc.)   |

| Name                     | Description   |
|--------------------------|---|
| GetRepPayoutMethodInfo   | For a given RepDID, this method will return the payout method information for that representative.  |
| GetRepPayoutMethodInfoV2 | For a given RepDID, this method will return the payout method information for that representative.  |
| GetRepPrefPlacementInfo  | This method will return the current preferred placement for a representative.   |
| GetRepTypes              | This method will return the available rep types in the system.  |
| GetRepUpline             | <p>This method will retrieve the upline by placement information for a given rep # in a genealogy type.</p> <p><b>Input parameters:</b></p> <ul style="list-style-type: none"> <li>RepDID: Rep # whose upline the client wishes to retrieve.</li> <li>GenealogyType: Identifier # of the Genealogy Type. Consult ByDesign support for knowing the your enabled Genealogy Types and their identifiers.</li> <li>Leaves: Number of upline levels to return. Accepts NULL. NULL returns all upline levels.</li> </ul> <p><b>Output Messages:</b></p> <ul style="list-style-type: none"> <li>This method will return a status message of the transaction. Besides, the output Success will return 1 or 0 if there was success or not, respectively.</li> <li><i>INVALID_CREDENTIALS:</i> Means that credentials are incorrect or invalid.</li> <li><i>INSUFFICIENT_USER_RIGHTS:</i> Means that credentials are correct but don't have the needed access rights to use this method.</li> <li><i>INVALID_REPDID_PROVIDED:</i> Means that provided Rep# was not found in the system.</li> <li><i>INVALID_GENEALOGYTYPE:</i> Occurs when GenealogyType has an invalid value.</li> <li><i>REPDID_IS_REQUIRED:</i> Occurs when Rep# is empty.</li> <li><i>TRANSACTION_DISPATCHED_EXCEPTION:</i> In case we get an error in the transaction, we will communicate that by this message.</li> <li><i>NO_UPLINE_FOUND:</i> This is not an error. Success output is set to 1. This message indicates that query was executed correctly but doesn't retrieve any upline.</li> <li><i>SUCCESS:</i> Means that API method retrieved upline info correctly.</li> </ul> <p><b>Other Notes:</b> Records are returned in ascending order.</p> |
| LoginCheck_Customer      | This method can be used to authenticate a customer using the customer's user name and password.   |
| LoginCheck_Rep           | This method can be used to authenticate a representative using the representative's user name (RepDID or EmailAddress) and password.  |
| MoveCustomerToNewRep     | This method allows one to move a customer from one rep to another. Please do not use this method unless one has a clear understanding of the possible consequences with the clients bonus concerning volume totals. It is strongly recommended to call ByDesign concerning the effect moving a customer has on the orders related to that customer and the related volume.  |
| MoveCustomerToNewRep_V2  | This method allows one to move a customer from one rep to another. Please do not use this method unless one has a clear understanding of the possible consequences with the clients bonus concerning volume totals. It is strongly recommended to call ByDesign concerning the effect moving a customer has on the orders related to that customer and the related volume.  |

**Methods**

| Name                              | Description  |
|-----------------------------------|--|
| OnlineOrder_AddItem               | This method allows one to add an item to an online order. Since this method is called millions of times a day, only an integer is returned. This can make it tricky to figure out why certain items may not be ending up in the cart. The #1 reason that a item isn't added to a cart is because a PriceType doesn't exist for the Rep's/Customer's Rank/Type/etc. If one can't add an item that is believed to be able to be purchased, it is best suggested to call support which can help one ascertain as to why it is not able to be purchased.   |
| OnlineOrder_AddItem_V2            | This method allows one to add an item to an online order. Since this method is called millions of times a day, only an integer is returned. This can make it tricky to figure out why certain items may not be ending up in the cart. The #1 reason that a item isn't added to a cart is because a PriceType doesn't exist for the Rep's/Customer's Rank/Type/etc. If one can't add an item that is believed to be able to be purchased, it is best suggested to call support which can help one ascertain as to why it is not able to be purchased. This v2 validates the value entered to each parameter, returns success or fail result and the reason for failure. |
| OnlineOrder_AddItemByPriceType    | This method is the same as OnlineOrder_AddItem except that one may specify the Price Text (retail, etc.)   |
| OnlineOrder_AddMultipleItems      | This method works the same as OnlineOrder_AddItem except that one may add multiple items at once.  |
| OnlineOrder_Autoship_AddItem      | This method allows one to add an AutoShip item to an online order. Just as with adding a regular item to an online order, the price type for AutoShip must exist in order for the item to be added.  |
| OnlineOrder_Autoship_AddItem_V2   | This method allows one to add an AutoShip item just like OnlineOrder_Autoship_AddItem except that one may specify the next date of shipment.   |
| OnlineOrder_Autoship_AddItem_V3   | This method works exactly like OnlineOrder_Autoship_AddItem_V2 except that one may also specify a particular shipping method to be used for the AutoShip Orders to be generated.   |
| OnlineOrder_Autoship_ClearItem    | This method allows one to clear a particular AutoShip item given the Online Orders AutoShip Detail ID associated to the item.  |
| OnlineOrder_Autoship_ClearItems   | This method will clear all AutoShip items associated to a particular online order id.  |
| OnlineOrder_Autoship_GetItems     | This method will return the list of AutoShip items associated with a given online order id.  |
| OnlineOrder_Autoship_SetDate      | If the date of next shipment wasn't defined for an item added to an online order, one can specify the shipment date using this method for a given online order id, date of shipment, and period day.   |
| OnlineOrder_ClearItem             | This method will clear a detail item from the Online Order specified.  |
| OnlineOrder_ClearItems            | This method will clear all items from an Online Order specified  |
| OnlineOrder_DeleteDraftOrder      | When using master orders, this allows one to delete a saved/draft order associated to a master order id.   |
| OnlineOrder_GetDraftOrders_Master | When using master orders, this will return all saved/drafted master orders for a particular rep number.  |

| Name                            | Description  |
|---------------------------------|--|
| OnlineOrder_GetItems            | This will return the list of items that have been added to an online order id. This is how one can retrieve volume and other prices (compare/etc.)   |
| OnlineOrder_GetItems_v2         | This is the same as OnlineOrder_GetItems except that the response is in a DataSet.   |
| OnlineOrder_GetShipMethods      | This method will return the list of available shipping methods for a given State, Country, Weight, and POBOX. However, it is strongly suggested to use the second version of this method along with an Online Order ID as it will be easier and allow for fewer errors between systems.  |
| OnlineOrder_GetShipMethods_v2   | This method will return the allowable shipping methods for a specified online order. Note: Because different shipping methods will be available depending upon setup and territory. One should always call this method to return the shipping methods for a specified online order as even the total weight of an online order can change which shipping methods are available.  |
| OnlineOrder_GetShipMethods_v3   | This method will return the allowable shipping methods for a specified online order. Note: Because different shipping methods will be available depending upon setup and territory. One should always call this method to return the shipping methods for a specified online order as even the total weight of an online order can change which shipping methods are available. In addition to previous versions, this retrieves the tax rate and tax included shipping price of the online order for the found shipping methods. This is useful for those companies that manage Simple Extended Tax Engine for handling VAT tax calculations.<br><b>Other Inputs:</b> LocaleID (1 being default) and IncludeTax (specify whether PriceIncTax and TaxRate output parameters should be calculated, if IncludeTax is set to False, PriceIncTax and TaxRate will be null).<br><b>Output Messages:</b> This method will return a status message of the transaction. Besides, the output Success will return 1 or 0 if there was success or not, respectively<br><i>INVALID_CREDENTIALS:</i> Means that credentials are incorrect or invalid<br><i>INVALID_ONLINEORDERID:</i> Means that provided OnlineOrder# was not found in the system<br><i>NO_SHIPCOUNTRY_FOUND:</i> Means that user set IncludeTax enable and provided OnlineOrder# does not have an allocated ship country yet. For calculating shipping tax is mandatory to set at least a shipping country.<br><i>TRANSACTION_DISPATCHED_EXCEPTION:</i> In case we get an error in the transaction, we will communicate that by this message.<br><i>NO_DATA_FOUND:</i> This is not an error. Success output is set to 1. This message indicates that query was executed correctly but doesn't retrieve any shipping method.<br><i>SUCCESS:</i> Means that API method retrieved shipping methods correctly.<br><b>Other Notes:</b> If IncludeTax is set enable, and records were retrieved successfully but TaxRate and PriceIncTax are NULL means this method was not able to calculate the shipping tax rate for the found ship methods. |
| OnlineOrder_GetSubOrders_Master | When using master orders, this will return all associated online orders for a master order id.   |
| OnlineOrder_GetTotals           | This method will return the list of totals for a given Online Order ID.  |
| OnlineOrder_GetTotals_Master    | This method will return the list of totals for a given master order id.  |

**Methods**

| <b>Name</b>                                | <b>Description</b>  |
|--|---|
| OnlineOrder_GetWeight                      | This method will return the total weight for the online order. Note: Some companies keep weight in different units other than ounces. It is suggested to check with the client for whom one is integrating as to what unit the weight is recorded in. |
| OnlineOrder_SetShippingOverride            | If using a custom or override shipping method, one can use this method to note that the order is having the shipping method overridden as well as how much the shipping will cost.  |
| OnlineOrder_SetShippingOverride_V2         | If using a custom or override shipping method, one can use this method to note that the order is having the shipping method overridden as well as how much the shipping will cost.  |
| OnlineOrder_SubmitOrder_Master             | This method will attempt to submit a master order. A dataset is returned with the information concerning the success or failure of the submission of each associated order.   |
| OnlineOrder_UpdateCreditAmount             | If credit is available and will be used, this method can be used to update the amount of credit being applied to a given online order id.   |
| OnlineOrder_UpdateCreditAmount_Master      | If using master orders and credit is available and being used, this method can be used to define the amount of credit being applied to the master order id.   |
| OnlineOrder_UpdateCustomerID               | This method allows one to update the associated customer for a given online order id.   |
| OnlineOrder_UpdateItem                     | This method allows one to update the quantity of a particular item for a given online order detail id   |
| OnlineOrder_UpdateShipMethod               | One can use this method to update the shipping method for a given Online Order ID.  |
| OnlineOrder_UpdateShipMethod_GetTotals     | This is a version of OnlineOrder_UpdateShipMethod extended to return new order totals.  |
| PartySearchCompletion_GetPartyDescriptions | This executes a custom procedure which will search for particular parties based on the search string and return the party descriptions. This must be setup prior to calling. Please contact the account manager for further details.                  |
| PartySearchCompletion_GetPartyGuests       | This executes a custom procedure which will search for particular parties based on the search string and return the party guests. This must be setup prior to calling. Please contact the account manager for further details.                        |
| PartySearchCompletion_GetPartyHostesses    | This executes a custom procedure which will search for particular parties based on the search string and return the party hostesses. This must be setup prior to calling. Please contact the account manager for further details.                     |
| PartySearchCompletion_GetPartyIds          | This executes a custom procedure which will search for particular parties based on the search string and return the party ids. This must be setup prior to calling. Please contact the account manager for further details.                           |
| Payment_ACH                                | This method allows one to submit an ACH payment for a given online order id and ACH payment information.  |

| Name                                | Description  |
|-------------------------------------|--|
| Payment_ACH_International           | This allows a user to input values that would be expected on an international ACH payment. Not all values need to be used depending on the international setup. If a routing number is left blank, the value '000000000' will be used. This is what most banks expect in each particular output file if no routing number is used.   |
| Payment_BankDeposit                 | This method allows one to enter a bank payment for a given online order id.  |
| Payment_Cash                        | This method allows one to define a cash payment for a given online order id.   |
| Payment_CheckDraft                  | This method allows one to submit a check draft payment for a given online order id and check draft information.  |
| Payment_CreditCard                  | This method allows one to add a payment for a given online order id. Note: If testing is true, the payment will be added, but no transaction will be made with the processor. As long as the card passes the MOD2 test, the payment will transact successfully.  |
| Payment_CreditCard_Transaction_Info | Allows entry of credit card information for a credit card transaction that has already been completed.   |
| Payment_CreditCard_v2               | This method allows one to submit a credit card payment for a given online order id and credit card information. Note: TestMode submits the payment only to be saved, no transaction with the payment processor is made. As long as the card # passes the credit card validation, the payment will submit correctly.  |
| Payment_CreditCard_v2_Master        | This method allows one to submit a credit card payment for a given master order id and credit card information. Note: In test mode, no transaction is made with the credit card processor. As long as the card is valid, the payment will submit successfully.   |
| Payment_Custom                      | This method allows one to make a custom payment for a given online order id. This method should only be used when instructed by ByDesign as one will need a custom PaymentType string in order to transact the payment correctly.  |
| Payment_DebitCard                   | Allows for payments by Debit Card through API  |
| Payment_Realtime_ECheck             | This executes realtime ECheck processing using the primary echeck account as defined in back office.   |
| Payment_Tokenized                   | This method allows a recurring payment processing for Tokenized Payments.  |
| Payment_TokenizedRequest_Adyen      | This method will return the parameters needed to build the redirection form for Adyen hosted payment pages. For using this method, a tokenized payment account using Adyen as tokenized payment processor is required to be configured. If the TokenizedPaymentAccountID input parameter is NOT sent, this method will use the entered online order # for assigning the correct tokenized payment account based on the online order territory. Contact ByDesign Support for the correct payment details to use based on the tokenized processor configured in Freedom. |



## Methods

| Name                                  | Description   |
|---------------------------------------|---|
| Payment_TokenizedRequest_Cybersource  | This method will return the parameters needed to build the redirection form for CyberSource Secure Acceptance Web/Mobile. For using this method, a tokenized payment account using Cybersource as tokenized payment processor is required to be configured. If the TokenizedPaymentAccountID input parameter is NOT sent, this method will use the entered online order # for assigning the correct tokenized payment account based on the online order territory. Contact ByDesign Support for the correct payment details to use based on the tokenized processor configured in Freedom.  |
| Payment_TokenizedStore                | This method allows adding a tokenized payment to an online order. Unlike Payment_Tokenized method, this one only stores the payment information into the online order without processing a new recurring payment from Freedom to the tokenized processor. Use this method when you generated a payment using a tokenized processor in your own shopping cart and you want to store the payment authorization to the online order. For using this method you will need to configure a tokenized payment account. If the TokenizedPaymentAccountID input parameter is NOT set, this method will use the entered online order # for assigning the correct tokenized payment account based on the online order territory. Contact ByDesign Support to know the correct payment details to use based on the tokenized processor configured in Freedom.   |
| Payment_TokenizedVerifyResponse_Adyen | This method will verify the integrity of the information being returned, as a result of a payment request/result of Adyen Hosted Payment Pages. If OnlineAPI:Payment_TokenizedRequest method is used to generate the redirection parameter needed to connect to Adyen Hosted Payment Pages, a payment result from Adyen is received. This method is used to verify these Payment Result parameters when the shopper returns to their original site. Freedom will use the HMAC algorithm along with the HMAC secret key to calculate the correct signature of the input parameters and will compare the result with MerchantSig input parameter. If those values match, this method will return a success response. If a mismatch is detected in these values, this method will return a HMAC_VALIDATION_FAILED message. If the TokenizedPaymentAccountID input parameter is NOT set, this method will use the entered online order # for assigning the correct tokenized payment account based on the Online Order Territory. |

| Name  | Description   |
|---|---|
| Payment_TokenizedVerifyResponse_Adyen_V2    | This method will verify the integrity of the information being returned, as a result of a payment request/result of Adyen Hosted Payment Pages. In this version Freedom will use the HMAC-256 algorithm (Payment_TokenizedVerifyResponse_Adyen method uses HMAC-SHA1) along with the HMAC secret key to calculate the correct signature of the SignatureString input parameter and will compare the result with MerchantSig input parameter. If those values match, this method will return a success response. If a mismatch is detected in these values, this method will return a HMAC_VALIDATION_FAILED message. If the TokenizedPaymentAccontID input parameter is NOT set, this method will use the entered online order # for assigning the correct tokenized payment account based on the Online Order Territory. <br/>MerchantSignatureString parameter must follow Adyen's specification which is: <br/>- Remove the following keys, as they are not used in the signature: a) sig b) merchantSig c) Any keys whose name starts with ignore. (dot included). <br/>- Concatenate the key names, first; then, the key values.<br/>- Use a colon (":") to delimit key names and key values.<br/>- Escape embedded "\"" characters as "\"\", and embedded ":" as "\:".<br/> |
| Payment_TokenizedVerifyResponse_Cybersource | This method will verify the integrity of the information being returned, as a result of a payment request/result of Cybersource hosted payment pages. If OnlineAPI:Payment_TokenizedRequest_Cybersource method is used to generate the redirection parameter needed to connect to Cybersource hosted payment pages, a payment result from Cybersource is received. This method is used to verify these Payment Result parameters when the shopper returns to their original site. Freedom will use the HMAC algorithm along with the Secret key to calculate the correct signature of the input parameters and will compare the result with Signature input parameter. If those values match, this method will return a success response. If a mismatch is detected in these values, this method will return a HMAC_VALIDATION_FAILED message. If the TokenizedPaymentAccontID input parameter is NOT set, this method will use the entered online order # for assigning the correct tokenized payment account based on the Online Order Territory.   |
| ProcessGiftCard                             | For a given Online Order ID, one can transact a gift card payment using the GiftCardTransactionRequest request object.  |
| SeamlessExtranetLoginCustomer               | For a given CustomerID and IPAddress, this method will return a GUID to be used to allow for a seamless authentication between multiple systems. This guid can be used in Freedom's Extranet via the login page to allow a seamless login. Simply use this guid in the query string in the link (like /Shopping/cartPassThru.asp?guid={GUID}) to log the representative in seamlessly.  |
| SeamlessExtranetLoginRep                    | For a given RepDID and IPAddress, this method will return a GUID to be used to allow for a seamless authentication between multiple systems. This guid can be used in Freedom's Extranet via the login page to allow a seamless login. Simply use this guid in the query string in the link (like /login.aspx?Guid={GUID}) to log the representative in seamlessly.   |
| SendCustomerPasswordReset                   | This function allows one to send a reset password email to a customer.  |
| SetCoApplicant                              | This method allows one to setup a co-applicant for an online signup (new rep). The information specified is then applied to the online signup record given with the co-applicant information.   |

**Methods**

| Name                                      | Description  |
|---|--|
| SetCustomerType                           | Sets a customer to the specified type. For a list of types, please use the webmethod GetCustomerTypes.   |
| SetMiscFieldValue                         | This method will return the value of a misc field.   |
| SetSignupPlacement                        | This method allows one to specify a particular placement for a new online signup (new rep). One can specify the rep number and the BCposition. Depending on the Genealogy of the client one is using, this can values such as 'L' or 'R' or '1','2','3','4' etc. One may need to contact ByDesign in order to find which BCPosition values are accepted for the client one is programming for. |
| TranscardSignup                           | Updates a Reps payout profile with the given TransCard information   |
| UpdateAttributes                          | To post a static, non-critical note without any category or type selections in the Freedom Back office profile page of a rep or customer   |
| UpdateCustomerInfo                        | This method allows one to update a customer's information. Note: Only the properties which are instantiated will be updated.   |
| UpdateCustomerInfo_v2                     | A version of UpdateCustomerInfo() that also accepts the PreferredCulture.  |
| UpdateCustomerInfoWithShipping            | This method allows one to update a customer's information while also updating the default shipping information as well.  |
| UpdateCustomerPassword                    | Use this API for storing the new password set by a customer. In order to validate the customer request of updating his password we will request the Customer # and the PasswordResetKey recently generated by the customer.  |
| UpdateCustomPayoutMethodDetails ForRepDID | This method allows one to update the information for a custom payout method. See the method GetCustomPayoutMethodDetailsForRepDID in order to retrieve the detail specifications for a particular payout method ID.  |
| UpdateOnlineCustomer                      | For a given OnlineCustomerID, this method will update online customer information. Only populated input fields will be updated.  |
| UpdateOnlineOrderAddress                  | This method allows one to update the addresses associated with an online order.  |
| UpdateOnlineOrderAddressByProfile         | This method allows one to update an online order's address for a given shipping profile id. Note: One can retrieve the shipping profiles using the method GetShippingProfiles from within the Extranet API.  |
| UpdateOnlineSignup                        | For a given OnlineSignupID, this method will update online signup information. Only populated input fields will be updated.  |
| UpdatePassword                            | This method can be used to update a customer or representative password. The ID parameter can be used as the ID of the customer or rep, and the type (0=Rep,1=Customer) can be used to identify the context of the ID. A result of -1 indictes that a password does not meet the minimum requirements.   |
| UpdateRepInfo                             | This function allows one to update a Rep's information. Note: One doesn't always need to include all properties, only the properties instantiated will be updated.   |
| UpdateRepInfo_v2                          | This function allows one to update a Rep's information. Note: One doesn't always need to include all properties, only the properties instantiated will be updated.   |

| Name                        | Description   |
|-----------------------------|---|
| UpdateRepPayoutMethodInfo   | This method allows one to update a representative's payout method information. Note: One should use UpdateRepPayoutMethodInfoV2.  |
| UpdateRepPayoutMethodInfoV2 | This method allows one to update a representative's payout method information. Note: It is usually best to contact the client or ByDesign concerning what payout method type ID should be used as that can change according to the representative's territory in certain client's situations.   |
| UpdateRepPrefPlacement      | This method will allows representative's preferred placement to be updated. Note: The placement position context can change depending upon the genealogy type of the client. It is suggested to contact ByDesign concerning the correct placement type to use and how it correlates to the placement during enrollment.                               |
| UpgradeCustomer             | This method will be used to upgrade the customer to a rep, and will tranfer all the customer AutoShip Profiles to rep profile, and update rep notes   |
| ValidateCCNumber            | This method will validate a given number against various methods to make sure it matches a legitimate credit card number format.  |
| ValidateEmail               | This method will validate whether a given string is an email or not.  |
| ValidatePartyID             | For a given numerical ID, this will return whether or not a valid open party exists with that ID. If a party for the given ID exists, a short detail of information concerning the party will be returned.  |
| ValidateRoutingNumber       | This function will validate a routing number (from a banking account) to make sure it mactches ABA standards.   |
| VerifyCustomerNumber        | This method will validate a given customer number to make sure it is in the system.   |
| VerifyRepNumber             | This method will validate a given rep number to make sure it exists in the system as well as active.  |
| Version                     | This method will return the current version of the Online API.  |
| ZipLookup                   | This method allows one to see the accessible cities, states, and counties for a given zip code. This is best used by allowing a user to enter the zip code and then giving drop-down options for city, state, and county.   |
| ZipLookup_v2                | This method allows one to see the accessible cities, states, and counties for a given zip code. This is best used by allowing a user to enter the zip code and then giving drop-down options for city, state, and county. Note: The only different between ZipLookup and ZipLookup_V2 is the format in which the data is returned.                    |
| ZipLookup_v3                | This method allows one to see the accessible cities, states, and counties for a given zip code and country. This is best used by allowing a user to enter the zip code and then giving drop-down options for city, state, and county. Note: The only different between ZipLookup_V2 and ZipLookup_V3 is the ability to specify the Country parameter. |

## Method: AddCredit

### Description

This method Adds/Deletes a PaymentCredit for a give RepID/CustomerID

### Input (Literal)

The input of this method is the argument AddCredit having the structure defined by the following table.

| Element         | Type               |
|-----------------|--------------------|
| SEQUENCE        |                    |
| tns:Credentials | tns:Credentials    |
| tns:creditInput | tns:AddCreditInput |

### Output (Literal)

The output of this method is the argument AddCreditResponse having the structure defined by the following table.

| Element             | Type                |
|---------------------|---------------------|
| SEQUENCE            |                     |
| tns:AddCreditResult | tns:GenericResponse |


## Method: AddPersonalization

### Description

For a given order detail ID, this method will add a personalization text to the detail item. By passing the detail ID, the classification type (1=OnlineOrderDetailID,2=OrderDetailID), the personalization string, and the sequence for which to show the personalizations in, the system will add the personalization to the detail item within the order.


### Input (Literal)

The input of this method is the argument AddPersonalization having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:DetailID   | s:int           |
| tns:Classification   | tns:OrderType   |
| tns:Personalization  | s:string        |
| tns:Sequence   | s:int           |

### Output (Literal)

The output of this method is the argument AddPersonalizationResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:AddPersonalizationResult   | tns:GenericResponse |


## Method: AddRelationshipOrderDetails

### Description

Allows one to group a particular item into a inventory relationship group. Note: This can be done for either an order or online order. One should only pass one detail id, the other may stay as zero


### Input (Literal)

The input of this method is the argument AddRelationshipOrderDetails having the structure defined by the following table.

| Element  | Type                        |
|--|-----------------------------|
|  SEQUENCE |                             |
| tns:Credentials  | tns:Credentials             |
| tns:OrderDetailID  | s:int                       |
| tns:OnlineOrderDetailID  | s:int                       |
| tns:Relationships  | tns:RelationshipInformation |

### Output (Literal)

The output of this method is the argument AddRelationshipOrderDetailsResponse having the structure defined by the following table.

| Element  | Type                        |
|--|-----------------------------|
|  SEQUENCE |                             |
| tns:AddRelationshipOrderDetailsResult  | tns:RelationshipInformation |


## Method: AssociateOnlineOrderToMaster

### Description

When using master orders, this will allow tying an online order id to the parent master order id.


### Input (Literal)

The input of this method is the argument AssociateOnlineOrderToMaster having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:Credentials  | tns:Credentials     |
| tns:MasterOrderID  | s:int               |
| tns:OnlineOrderID  | s:int               |
| tns:AssociationType  | tns:AssociationType |

### Output (Literal)

The output of this method is the argument AssociateOnlineOrderToMasterResponse having the structure defined by the following table.

| Element  | Type  |
|--|-------|
|  SEQUENCE |       |
| tns:AssociateOnlineOrderToMasterResult   | s:int |




## Method: AssociateOrderToParty

### Description

For a given order, this method will associate the order with a given party ID.


### Input (Literal)

The input of this method is the argument AssociateOrderToParty having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OrderID  | s:int           |
| tns:PartyID  | s:int           |

### Output (Literal)

The output of this method is the argument AssociateOrderToPartyResponse having the structure defined by the following table.

| Element   | Type                |
|---|---------------------|
|  SEQUENCE |                     |
| tns:AssociateOrderToPartyResult   | tns:GenericResponse |

## Method: CheckEmail

### Description

This method will validate that a given email doesn't already exist in the system. A type of 0,1, or 2 can be added to specify which accounts to check in the system (0=Reps,1=Customers,2=Both). The result will return 0 should no account have that email or the amount of accounts which have the matching email.

### Input (Literal)

The input of this method is the argument CheckEmail having the structure defined by the following table.

| Element                   | Type            |
|---------------------------|-----------------|
| SEQUENCE                  |                 |
| tns:Credentials           | tns:Credentials |
| tns:Email                 | s:string        |
| tns:Type                  | s:int           |
| tns:ExcludeRepNumber      | s:string        |
| tns:ExcludeCustomerNumber | s:string        |

### Output (Literal)

The output of this method is the argument CheckEmailResponse having the structure defined by the following table.

| Element              | Type  |
|----------------------|-------|
| SEQUENCE             |       |
| tns:CheckEmailResult | s:int |


## Method: CheckRepSSN

### Description

This method will validate that a given SSN doesn't already exist in the system. A rep can be added to exclude from the check should that be the rep for whose SSN is being verified.


### Input (Literal)

The input of this method is the argument CheckRepSSN having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:SSN  | s:string        |
| tns:ExcludeRepNumber   | s:string        |

### Output (Literal)

The output of this method is the argument CheckRepSSNResponse having the structure defined by the following table.

| Element   | Type  |
|---|-------|
|  SEQUENCE |       |
| tns:CheckRepSSNResult   | s:int |


## Method: CheckRepURL

### Description

This method will validate that a given URL doesn't already exist in the system. A rep can be added to exclude from the check should that be the rep for whose URL is being verified.


### Input (Literal)

The input of this method is the argument CheckRepURL having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:URL  | s:string        |
| tns:ExcludeRepNumber   | s:string        |

### Output (Literal)

The output of this method is the argument CheckRepURLResponse having the structure defined by the following table.

| Element   | Type  |
|---|-------|
|  SEQUENCE |       |
| tns:CheckRepURLResult   | s:int |

## Method: CreateBackOfficeProfileNote

### Description

To post a static, non-critical note without any category or type selections in the Freedom Back office profile page of a rep or customer

### Input (Literal)

The input of this method is the argument CreateBackOfficeProfileNote having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:ProfileNote | tns:ProfileNote |

### Output (Literal)

The output of this method is the argument CreateBackOfficeProfileNoteResponse having the structure defined by the following table.

| Element                               | Type                |
|---------------------------------------|---------------------|
| SEQUENCE                              |                     |
| tns:CreateBackOfficeProfileNoteResult | tns:GenericResponse |


## Method: CreateCustomer

### Description

Once all items related to custom creation are completed, one can use this method to finalized the customer creation process. Note: For most of our clients, one can call this immediately after calling CreateOnlineCustomer.


### Input (Literal)

The input of this method is the argument CreateCustomer having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OnlineCustomerID   | s:int           |
| tns:ReferCustomerDID   | s:string        |

### Output (Literal)

The output of this method is the argument CreateCustomerResponse having the structure defined by the following table.

| Element  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:CreateCustomerResult   | s:string |

## Method: CreateCustomerPasswordResetKey

### Description

Use this API for generating a new password reset key for a given customer. This can be used in case the client uses their own AutoResponder system.

### Input (Literal)

The input of this method is the argument CreateCustomerPasswordResetKey having the structure defined by the following table.

| Element         | Type                                       |
|-----------------|--|
| SEQUENCE        |  |
| tns:Credentials | tns:Credentials                            |
| tns:Request     | tns:CreateCustomerPasswordResetKeyResquest |

### Output (Literal)

The output of this method is the argument CreateCustomerPasswordResetKeyResponse having the structure defined by the following table.

| Element                                  | Type                                       |
|--|--|
| SEQUENCE                                 |  |
| tns:CreateCustomerPasswordResetKeyResult | tns:CreateCustomerPasswordResetKeyResponse |


## Method: CreateManualPayoutAdjustment

### Description

Allows the uploading of PayOut Adjustments through API.


### Input (Literal)

The input of this method is the argument CreateManualPayoutAdjustment having the structure defined by the following table.

| Element  | Type                                     |
|--|--|
|  SEQUENCE |  |
| tns:Credentials  | tns:Credentials                          |
| tns:Request  | tns:CreateManualPayoutAdjustmentResquest |

### Output (Literal)

The output of this method is the argument CreateManualPayoutAdjustmentResponse having the structure defined by the following table.

| Element  | Type                                     |
|--|--|
|  SEQUENCE |  |
| tns:CreateManualPayoutAdjustmentResult   | tns:CreateManualPayoutAdjustmentResponse |



## Method: CreateMasterOrder

### Description

A master order is an order which holds other orders. This is like creating a party order without actually holding a party. Once a master order is created, one can assign other orders into the master order. For further information on Master Orders, it is suggested to contact ByDesign.

### Input (Literal)

The input of this method is the argument CreateMasterOrder having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the argument CreateMasterOrderResponse having the structure defined by the following table.

| Element                     | Type  |
|-----------------------------|-------|
| SEQUENCE                    |       |
| tns:CreateMasterOrderResult | s:int |


## Method: CreateOnlineCustomer

### Description

This method allows one to create a temporary customer. In most instances, the returned Online Customer ID can be instantly used to create a permanent customer (see CreateCustomer). However, for some companies, a beginning order is sometimes created upon the customer creation. This can be done much like a rep signup process with an initial order creation.


### Input (Literal)

The input of this method is the argument CreateOnlineCustomer having the structure defined by the following table.

| Element  | Type                     |
|--|--------------------------|
|  SEQUENCE |                          |
| tns:Credentials  | tns:Credentials          |
| tns:OnlineCustomerRecord   | tns:OnlineCustomerRecord |
| tns:ReferCustomerDID   | s:string                 |

### Output (Literal)

The output of this method is the argument CreateOnlineCustomerResponse having the structure defined by the following table.

| Element  | Type  |
|--|-------|
|  SEQUENCE |       |
| tns:CreateOnlineCustomerResult   | s:int |


## Method: CreateOnlineOrder

### Description

This method is the starting block of the order creation process. This will essentially create a temporary order that allows one to add items for calculating total cost, shipping, and etc. One will need to create a temporary order prior to persisting the order. In order to create a finished order, create an online order, enter and add items and then use the CreateOrder method to finish the order.


### Input (Literal)

The input of this method is the argument CreateOnlineOrder having the structure defined by the following table.

| Element  | Type                  |
|--|-----------------------|
|  SEQUENCE |                       |
| tns:Credentials  | tns:Credentials       |
| tns:OnlineOrderRecord  | tns:OnlineOrderRecord |

### Output (Literal)

The output of this method is the argument CreateOnlineOrderResponse having the structure defined by the following table.

| Element  | Type  |
|--|-------|
|  SEQUENCE |       |
| tns:CreateOnlineOrderResult  | s:int |

## Method: CreateOnlineOrder\_V2

### Description

This method is the starting block of the order creation process. This will essentially create a temporary order that allows one to add items for calculating total cost, shipping, and etc. One will need to create a temporary order prior to persisting the order. In order to create a finished order, create an online order, enter and add items and then use the CreateOrder method. This v2 not only validates the value entered to each parameters and return success or fail result but also show the reason for failure.

### Input (Literal)

The input of this method is the argument CreateOnlineOrder\_V2 having the structure defined by the following table.

| Element               | Type                  |
|-----------------------|-----------------------|
| SEQUENCE              |                       |
| tns:Credentials       | tns:Credentials       |
| tns:OnlineOrderRecord | tns:OnlineOrderRecord |

### Output (Literal)

The output of this method is the argument CreateOnlineOrder\_V2Response having the structure defined by the following table.

| Element                        | Type                            |
|--------------------------------|---------------------------------|
| SEQUENCE                       |                                 |
| tns:CreateOnlineOrder_V2Result | tns:CreateOnlineOrderV2Response |

## Method: CreateOnlineSignup

### Description

This method is step #1 in creating a representative. Essentially, an online signup is a temporary record that holds a potential representatives information. One can enter the below information for a potential representative and create a signup order to go along with it. There are other methods that one can use in order to finish creating a representative such as CreateRep, but it is strongly suggested to look through most methods in this webservice prior to attempting to create a representative.

### Input (Literal)

The input of this method is the argument CreateOnlineSignup having the structure defined by the following table.

| Element                | Type                   |
|------------------------|------------------------|
| SEQUENCE               |                        |
| tns:Credentials        | tns:Credentials        |
| tns:OnlineSignupRecord | tns:OnlineSignupRecord |

### Output (Literal)

The output of this method is the argument CreateOnlineSignupResponse having the structure defined by the following table.

| Element                      | Type  |
|------------------------------|-------|
| SEQUENCE                     |       |
| tns:CreateOnlineSignupResult | s:int |

## Method: CreateOnlineSignup\_v2

### Description

This method is step #1 in creating a representative. Essentially, an online signup is a temporary record that holds a potential representatives information. One can enter the below information for a potential representative and create a signup order to go along with it. There are other methods that one can use in order to finish creating a representative such as CreateRep, but it is strongly suggested to look through most methods in this webservice prior to attempting to create a representative. Note: V2 allows for a different set of beginning parameters for the signup. A result of -4 means the password does not meet the minimum requirements.

### Input (Literal)

The input of this method is the argument CreateOnlineSignup\_v2 having the structure defined by the following table.

| Element                  | Type                      |
|--------------------------|---------------------------|
| SEQUENCE                 |                           |
| tns:Credentials          | tns:Credentials           |
| tns:OnlineSignupRecordv2 | tns:OnlineSignupRecord_v2 |

### Output (Literal)

The output of this method is the argument CreateOnlineSignup\_v2Response having the structure defined by the following table.

| Element                         | Type  |
|---------------------------------|-------|
| SEQUENCE                        |       |
| tns:CreateOnlineSignup_v2Result | s:int |


## Method: CreateOrder

### Description

This method can be used to finalize order creation. In most instances, only the online order id is needed except for signup when the online signup id can be used to associated the order with the rep creation.


### Input (Literal)

The input of this method is the argument CreateOrder having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OnlineOrderID  | s:int           |
| tns:OnlineSignupID   | s:int           |
| tns:OnlineCustomerID   | s:int           |

### Output (Literal)

The output of this method is the argument CreateOrderResponse having the structure defined by the following table.

| Element  | Type               |
|--|--------------------|
|  SEQUENCE |                    |
| tns:CreateOrderResult  | tns:NewOrderReturn |

## Method: CreateOrder\_v2

### Description

This method can be used to finalize order creation. In most instances, only the online order id is needed except for signup when the online signup id can be used to associated the order with the rep creation. This method support create orders without payment attached.

### Input (Literal)

The input of this method is the argument CreateOrder\_v2 having the structure defined by the following table.

| Element              | Type            |
|----------------------|-----------------|
| SEQUENCE             |                 |
| tns:Credentials      | tns:Credentials |
| tns:OnlineOrderID    | s:int           |
| tns:OnlineSignupID   | s:int           |
| tns:OnlineCustomerID | s:int           |
| tns:PaymentRequired  | s:boolean       |

### Output (Literal)

The output of this method is the argument CreateOrder\_v2Response having the structure defined by the following table.

| Element                  | Type               |
|--------------------------|--------------------|
| SEQUENCE                 |                    |
| tns:CreateOrder_v2Result | tns:NewOrderReturn |



## Method: CreateRep

### Description

Once a online signup is created and all items related to the signup are completed, one can submit the online signup id to this method in order to create the finalized representative. This method will return -1 for an invalid creation, or the actual RepDID of the finalized representative.

### Input (Literal)

The input of this method is the argument CreateRep having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:OnlineSignupID | s:int           |

### Output (Literal)

The output of this method is the argument CreateRepResponse having the structure defined by the following table.

| Element             | Type     |
|---------------------|----------|
| SEQUENCE            |          |
| tns:CreateRepResult | s:string |

## Method: CreateRep\_V2

### Description

The purpose of the new version of this API is to provide the ability to provide the user with a success/fail message and to install more useful and consumable error handling.

### Input (Literal)

The input of this method is the argument CreateRep\_V2 having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:OnlineSignupID | s:int           |

### Output (Literal)

The output of this method is the argument CreateRep\_V2Response having the structure defined by the following table.

| Element                | Type                |
|------------------------|---------------------|
| SEQUENCE               |                     |
| tns:CreateRep_V2Result | tns:CreateRepResult |


## Method: GenerateAR

### Description

This method will manually generate autoresponders dependent upon the type. Depending upon the client's setting, some of these are sent automatically during signup, order creation, and etc.. One will need to check with the client prior to calling this after each signup/order placement/etc. as that may end up with multiple autoresponders being generated.


### Input (Literal)

The input of this method is the argument GenerateAR having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:ARType   | tns:ARTypes     |
| tns:LocaleID   | s:int           |
| tns:Subject  | s:string        |

### Output (Literal)

The output of this method is the argument GenerateARResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:GenerateARResult   | tns:GenericResponse |

## Method: GetAvailableCredits

### Description

This method will return the available credits for a given Rep# or Customer#.

### Input (Literal)

The input of this method is the argument GetAvailableCredits having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:RepNumber      | s:string        |
| tns:CustomerNumber | s:string        |

### Output (Literal)

The output of this method is the argument GetAvailableCreditsResponse having the structure defined by the following table.

| Element                       | Type                            |
|-------------------------------|---------------------------------|
| SEQUENCE                      |                                 |
| tns:GetAvailableCreditsResult | tns:GetAvailableCreditsResponse |

## Method: GetCountries

### Description

This method will return the available countries. This can be used when running international shopping carts as it is possible to have different items available for each country, and Country must be used as defined by this function.

### Input (Literal)

The input of this method is the argument GetCountries having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the argument GetCountriesResponse having the structure defined by the following table.

| Element                | Type                     |
|------------------------|--------------------------|
| SEQUENCE               |                          |
| tns:GetCountriesResult | tns:ArrayOfCountryReturn |

## Method: GetCountryStates

### Description

This will return the available states for one country or all states stored by country. Optional Inputs: Country are optional, if you don't provide a Country, complete list of states and country will be returned.

INVALID\_CREDENTIALS: Means that credentials are incorrect or invalid. COUNTRY\_NOT\_FOUND: Means that provided Country was not found in the system or no Country States are setup.

TRANSACTION\_DISPATCHED\_EXCEPTION: In case we get an error in the transaction, we will communicate that by this message. SUCCESS: Means that API method retrieved country states correctly.

### Input (Literal)

The input of this method is the argument GetCountryStates having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:Country     | s:string        |

### Output (Literal)

The output of this method is the argument GetCountryStatesResponse having the structure defined by the following table.

| Element                    | Type                       |
|----------------------------|----------------------------|
| SEQUENCE                   |                            |
| tns:GetCountryStatesResult | tns:GetCountryStatesReturn |

## Method: GetCreditTypes

### Description

Returns the available credit types that are not system generated

### Input (Literal)

The input of this method is the argument GetCreditTypes having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the argument GetCreditTypesResponse having the structure defined by the following table.

| Element                  | Type                    |
|--------------------------|-------------------------|
| SEQUENCE                 |                         |
| tns:GetCreditTypesResult | tns:GetCreditTypeReturn |

## Method: GetCurrencyTypes

### Description

This will return all currency types in the system

### Input (Literal)

The input of this method is the argument GetCurrencyTypes having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the argument GetCurrencyTypesResponse having the structure defined by the following table.

| Element                    | Type              |
|----------------------------|-------------------|
| SEQUENCE                   |                   |
| tns:GetCurrencyTypesResult | tns:CurrencyTypes |



## Method: GetCustomerByGuid

### Description

This method can be used to authenticate a customer for a given GUID and RepDID. This is normally done when using a link to go from one part of a website to another (separate domains). By giving the authentication information, this method will return whether or not the authentication info is valid and for which customer/rep it is valid.

### Input (Literal)

The input of this method is the argument GetCustomerByGuid having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:GUID        | s:string        |
| tns:RepDID      | s:string        |
| tns:Credentials | tns:Credentials |
| tns:IPAddress   | s:string        |

### Output (Literal)

The output of this method is the argument GetCustomerByGuidResponse having the structure defined by the following table.

| Element                     | Type                          |
|-----------------------------|-------------------------------|
| SEQUENCE                    |                               |
| tns:GetCustomerByGuidResult | tns:GetCustomerByGuidResponse |

## Method: GetCustomerInfo

### Description

This function allows one to retrieve a customer's info for their given Customer #.

### Input (Literal)

The input of this method is the argument GetCustomerInfo having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:CustomerID  | s:string        |

### Output (Literal)

The output of this method is the argument GetCustomerInfoResponse having the structure defined by the following table.

| Element                   | Type             |
|---------------------------|------------------|
| SEQUENCE                  |                  |
| tns:GetCustomerInfoResult | tns:CustomerInfo |


## Method: GetCustomerInfo\_v2

### Description

GetCustomerInfo() with the addition of the PreferredCulture in the response.


### Input (Literal)

The input of this method is the argument GetCustomerInfo\_v2 having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:CustomerID   | s:string        |

### Output (Literal)

The output of this method is the argument GetCustomerInfo\_v2Response having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:GetCustomerInfo_v2Result   | tns:CustomerInfo_v2 |

## Method: GetCustomerInfo\_v3

### Description

GetCustomerInfo() with the addition of the PreferredCulture and ReferCustomer and CustomersReferred in the response.

### Input (Literal)

The input of this method is the argument GetCustomerInfo\_v3 having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:CustomerID  | s:string        |

### Output (Literal)

The output of this method is the argument GetCustomerInfo\_v3Response having the structure defined by the following table.

| Element                      | Type                |
|------------------------------|---------------------|
| SEQUENCE                     |                     |
| tns:GetCustomerInfo_v3Result | tns:CustomerInfo_v3 |

## Method: GetCustomerInfoWithShipping

### Description

This function allows one to retrieve the customer information with both the billing and shipping information.

### Input (Literal)

The input of this method is the argument GetCustomerInfoWithShipping having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:CustomerID  | s:string        |

### Output (Literal)

The output of this method is the argument GetCustomerInfoWithShippingResponse having the structure defined by the following table.

| Element                               | Type                         |
|---------------------------------------|------------------------------|
| SEQUENCE                              |                              |
| tns:GetCustomerInfoWithShippingResult | tns:CustomerInfoWithShipping |


## Method: GetCustomerInfoWithShipping\_v2

### Description

GetCustomerInfoWithShipping() with the addition of the PreferredCulture in the response.


### Input (Literal)

The input of this method is the argument GetCustomerInfoWithShipping\_v2 having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:CustomerID   | s:string        |

### Output (Literal)

The output of this method is the argument GetCustomerInfoWithShipping\_v2Response having the structure defined by the following table.

| Element  | Type                            |
|--|---------------------------------|
|  SEQUENCE |                                 |
| tns:GetCustomerInfoWithShipping_v2Result   | tns:CustomerInfoWithShipping_v2 |

## Method: GetCustomerInfoWithShipping\_v3

### Description

GetCustomerInfoWithShipping() with the addition of the PreferredCulture and ReferCustomer and CustomersReferred in the response.

### Input (Literal)

The input of this method is the argument GetCustomerInfoWithShipping\_v3 having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:CustomerID  | s:string        |

### Output (Literal)

The output of this method is the argument GetCustomerInfoWithShipping\_v3Response having the structure defined by the following table.

| Element                                  | Type                            |
|--|---------------------------------|
| SEQUENCE                                 |                                 |
| tns:GetCustomerInfoWithShipping_v3Result | tns:CustomerInfoWithShipping_v3 |

## Method: GetCustomerInfoWithShipping\_v4

### Description

GetCustomerInfoWithShipping() with the addition of the PreferredCulture and ReferCustomer and CustomersReferred in the response.

### Input (Literal)

The input of this method is the argument GetCustomerInfoWithShipping\_v4 having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:CustomerID  | s:string        |

### Output (Literal)

The output of this method is the argument GetCustomerInfoWithShipping\_v4Response having the structure defined by the following table.

| Element                                  | Type                            |
|--|---------------------------------|
| SEQUENCE                                 |                                 |
| tns:GetCustomerInfoWithShipping_v4Result | tns:CustomerInfoWithShipping_v4 |



## Method: GetCustomerLookup

### Description

To search customers

### Input (Literal)

The input of this method is the argument GetCustomerLookup having the structure defined by the following table.

| Element           | Type              |
|-------------------|-------------------|
| SEQUENCE          |                   |
| tns:Credentials   | tns:Credentials   |
| tns:customerInput | tns:CustomerInput |

### Output (Literal)

The output of this method is the argument GetCustomerLookupResponse having the structure defined by the following table.

| Element                     | Type               |
|-----------------------------|--------------------|
| SEQUENCE                    |                    |
| tns:GetCustomerLookupResult | tns:CustomerReturn |

## Method: GetCustomerStatusTypes

### Description

This method will return the available customer types within the system.

### Input (Literal)

The input of this method is the argument GetCustomerStatusTypes having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the argument GetCustomerStatusTypesResponse having the structure defined by the following table.

| Element                          | Type                             |
|----------------------------------|----------------------------------|
| SEQUENCE                         |                                  |
| tns:GetCustomerStatusTypesResult | tns:ArrayOfCustStatusTypesReturn |

## Method: GetCustomerTypes

### Description

This method will return the available customer types within the system.

### Input (Literal)

The input of this method is the argument GetCustomerTypes having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the argument GetCustomerTypesResponse having the structure defined by the following table.

| Element                    | Type                   |
|----------------------------|------------------------|
| SEQUENCE                   |                        |
| tns:GetCustomerTypesResult | tns:ArrayOfTypesReturn |

## Method: GetCustomPayoutMethodDetailsForRepDID

### Description

This method allows one to pull the custom detail information for a payout method that was defined from the backoffice. Since the format of the payout method can change from selections within the Freedom BackOffice. This method and the related update method are completely dynamic. One can use this method without passing a RepDID to see the format of the detail items needed for the payout method, or pass the payout method ID and the RepDID to return the format and the current values for the passed RepDID.

### Input (Literal)

The input of this method is the argument GetCustomPayoutMethodDetailsForRepDID having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:PayoutMethodID | s:int           |
| tns:RepDID         | s:string        |

### Output (Literal)

The output of this method is the argument GetCustomPayoutMethodDetailsForRepDIDResponse having the structure defined by the following table.

| Element   | Type  |
|---|---|
| SEQUENCE  |   |
| tns:GetCustomPayoutMethodDetailsForRepDIDResult | tns:GetCustomPayoutMethodDetailsForRepDIDResponse |

## Method: GetGiftCardAccounts

### Description

If a client is using gift cards, this method will return a list of gift card accounts currently setup.

### Input (Literal)

The input of this method is the argument GetGiftCardAccounts having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the argument GetGiftCardAccountsResponse having the structure defined by the following table.

| Element                       | Type                       |
|-------------------------------|----------------------------|
| SEQUENCE                      |                            |
| tns:GetGiftCardAccountsResult | tns:ArrayOfGiftCardAccount |

## Method: GetGiftCardFields

### Description

For a given gift card account, this method will return the fields related to the gift card setup.

### Input (Literal)

The input of this method is the argument GetGiftCardFields having the structure defined by the following table.

| Element               | Type            |
|-----------------------|-----------------|
| SEQUENCE              |                 |
| tns:Credentials       | tns:Credentials |
| tns:GiftCardAccountID | s:int           |

### Output (Literal)

The output of this method is the argument GetGiftCardFieldsResponse having the structure defined by the following table.

| Element                     | Type                     |
|-----------------------------|--------------------------|
| SEQUENCE                    |                          |
| tns:GetGiftCardFieldsResult | tns:ArrayOfGiftCardField |

## Method: GetInventory\_ByCategory

### Description

For a given Rep# or Customer#, PriceType (Retail, wholesale, etc.), Locale ID (default of 1), Category, and Country (USA, etc.) one can search for an Inventory Item. The Category used can be either the CategoryID or the category description

### Input (Literal)

The input of this method is the argument GetInventory\_ByCategory having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:RepNumber      | s:string        |
| tns:CustomerNumber | s:string        |
| tns:PriceType      | s:string        |
| tns:LocaleID       | s:int           |
| tns:Category       | s:string        |
| tns:Country        | s:string        |

### Output (Literal)

The output of this method is the argument GetInventory\_ByCategoryResponse having the structure defined by the following table.

| Element                           | Type                        |
|-----------------------------------|-----------------------------|
| SEQUENCE                          |                             |
| tns:GetInventory_ByCategoryResult | tns:GetInventoryResponse_v3 |

## Method: GetInventory\_ProductSearch

### Description

For a given Rep# or Customer#, PriceType (Retail, wholesale, etc.), and Locale ID (default of 1), one can search for an Inventory Item for a given search term and/or a price range.

### Input (Literal)

The input of this method is the argument GetInventory\_ProductSearch having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:RepNumber      | s:string        |
| tns:CustomerNumber | s:string        |
| tns:PriceType      | s:string        |
| tns:LocaleID       | s:int           |
| tns:SearchTerm     | s:string        |
| tns:MinPrice       | s:double        |
| tns:MaxPrice       | s:double        |

### Output (Literal)

The output of this method is the argument GetInventory\_ProductSearchResponse having the structure defined by the following table.

| Element                              | Type                          |
|--------------------------------------|-------------------------------|
| SEQUENCE                             |                               |
| tns:GetInventory_ProductSearchResult | tns:ArrayOfGetInventoryReturn |



## Method: GetInventory\_ProductSearch\_v2

### Description

For a given Rep# or Customer#, PriceType (Retail, wholesale, etc.), Locale ID (default of 1), and Country (USA, etc.) one can search for an Inventory Item for a given search term and/or a price range.

### Input (Literal)

The input of this method is the argument GetInventory\_ProductSearch\_v2 having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:RepNumber      | s:string        |
| tns:CustomerNumber | s:string        |
| tns:PriceType      | s:string        |
| tns:LocaleID       | s:int           |
| tns:SearchTerm     | s:string        |
| tns:MinPrice       | s:double        |
| tns:MaxPrice       | s:double        |
| tns:Country        | s:string        |

### Output (Literal)

The output of this method is the argument GetInventory\_ProductSearch\_v2Response having the structure defined by the following table.

| Element                                 | Type                             |
|---|----------------------------------|
| SEQUENCE                                |                                  |
| tns:GetInventory_ProductSearch_v2Result | tns:ArrayOfGetInventoryReturn_v2 |

## Method: GetInventory\_ProductSearch\_v3

### Description

For a given Rep# or Customer#, PriceType (Retail, wholesale, etc.), Locale ID (default of 1), and Country (USA, etc.) one can search for an Inventory Item for a given search term and/or a price range. Note: The only difference between V2 and V3 is the format in which the data is returned.

### Input (Literal)

The input of this method is the argument GetInventory\_ProductSearch\_v3 having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:RepNumber      | s:string        |
| tns:CustomerNumber | s:string        |
| tns:PriceType      | s:string        |
| tns:LocaleID       | s:int           |
| tns:SearchTerm     | s:string        |
| tns:MinPrice       | s:double        |
| tns:MaxPrice       | s:double        |
| tns:Country        | s:string        |

### Output (Literal)

The output of this method is the argument GetInventory\_ProductSearch\_v3Response having the structure defined by the following table.

| Element                                 | Type                        |
|---|-----------------------------|
| SEQUENCE                                |                             |
| tns:GetInventory_ProductSearch_v3Result | tns:GetInventoryResponse_v3 |

## Method: GetInventory\_Shopping

### Description

For a given Rep# or Customer#, PriceType (wholesale, retail, etc.), and Locale ID (1 being default), one can retrieve all the shopping items available. Note: One can also specify whether AutoShip items should be returned or not.

### Input (Literal)

The input of this method is the argument GetInventory\_Shopping having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:RepNumber      | s:string        |
| tns:CustomerNumber | s:string        |
| tns:Autoship       | s:int           |
| tns:PriceType      | s:string        |
| tns:LocaleID       | s:int           |

### Output (Literal)

The output of this method is the argument GetInventory\_ShoppingResponse having the structure defined by the following table.

| Element                         | Type                          |
|---------------------------------|-------------------------------|
| SEQUENCE                        |                               |
| tns:GetInventory_ShoppingResult | tns:ArrayOfGetInventoryReturn |

## Method: GetInventory\_Shopping\_v2

### Description

For a given Rep# or Customer#, PriceType (wholesale, retail, etc.), Locale ID (1 being default), and Country (USA, etc.), one can retrieve all the shopping items available. Note: One can also specify whether AutoShip items should be returned or not.

### Input (Literal)

The input of this method is the argument GetInventory\_Shopping\_v2 having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:RepNumber      | s:string        |
| tns:CustomerNumber | s:string        |
| tns:Autoship       | s:int           |
| tns:PriceType      | s:string        |
| tns:LocaleID       | s:int           |
| tns:Country        | s:string        |

### Output (Literal)

The output of this method is the argument GetInventory\_Shopping\_v2Response having the structure defined by the following table.

| Element                            | Type                             |
|------------------------------------|----------------------------------|
| SEQUENCE                           |                                  |
| tns:GetInventory_Shopping_v2Result | tns:ArrayOfGetInventoryReturn_v2 |

## Method: GetInventory\_Shopping\_v3

### Description

For a given Rep# or Customer#, PriceType (wholesale, retail, etc.), Locale ID (1 being default), and Country (USA, etc.), one can retrieve all the shopping items available. Note: One can also specify whether AutoShip items should be returned or not; also, the only difference between V2 and V3 is the format in which the data is returned.

### Input (Literal)

The input of this method is the argument GetInventory\_Shopping\_v3 having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:RepNumber      | s:string        |
| tns:CustomerNumber | s:string        |
| tns:Autoship       | s:int           |
| tns:PriceType      | s:string        |
| tns:LocaleID       | s:int           |
| tns:Country        | s:string        |

### Output (Literal)

The output of this method is the argument GetInventory\_Shopping\_v3Response having the structure defined by the following table.

| Element                            | Type                        |
|------------------------------------|-----------------------------|
| SEQUENCE                           |                             |
| tns:GetInventory_Shopping_v3Result | tns:GetInventoryResponse_v3 |

## Method: GetInventory\_Shopping\_v4

### Description

This method retrieves all the shopping items available for a given Rep# or Customer#, PriceType (wholesale, retail, etc.), and Country, but, in addition to previous versions, this retrieves the tax rate and tax included price of the items. Also, you can only define Rep# or Customer# and leave PriceType and Country empty in order to use the shipping information and rank type of the given Rep# or Customer# (Use this option if the company uses a Tax Engine that needs further information than just the Country for calculating taxes). Besides you can only define PriceType and Country and don't provide any Rep# or Customer#.

**Optional Inputs:** State, County, City, PostalCode and ShipGeoCode are optional, they can be usefull in case that the Tax Engine needs them and any Rep# or Customer# was provided.

**Additional Required Inputs:** LocaleID (1 being default), AutoShip (specify whether AutoShip items should be returned) and IncludeTax (specify whether PriceInclTax and TaxRate output parameters should be calculated, if IncludeTax is set to False, PriceInclTax and TaxRate will be null).

**Output Messages:** This method will return a status message of the transaction. Besides, the output Success will return 1 or 0 if there was success or not, respectively

- INVALID\_CREDENTIALS:** Means that credentials are incorrect or invalid
- INVALID\_COUNTRY:** Means that provided Country was not found in the system
- INVALID\_PRICETYPE:** Means that provided price type was not found in the system
- INVALID\_REPNUMBER:** Means that provided Rep# was not found in the system
- INVALID\_CUSTOMERNUMBER:** Means that provided Customer# was not found in the system
- COUNTRY\_IS\_REQUIRED:** Occurs when Rep# and Customer# are empty, and PriceType is defined but Country is empty. Due this API method returns tax information of shopping items, always Country is required if Rep# or Customer# are not provided.
- PRICETYPE\_IS\_REQUIRED:** Occurs when Rep# and Customer# are empty, and Country is defined but PriceType is empty. Due this API method returns shopping items available for a price type, always PriceType will be required if user doesn't define nether Rep# nor Customer#.
- INVALID\_PARAMETERS\_PROVIDED:** Occurs when Rep#, Customer#, Country and, PriceType are empty.
- TRANSACTION\_DISPATCHED\_EXCEPTION:** In case we get an error in the transaction, we will communicate that by this message.
- NO\_DATA\_FOUND:** This is not an error. Success output is set to 1. This message indicates that query was executed correctly but doesn't retrieve any shopping item.
- SUCCESS:** Means that API method retrieved shopping items correctly.

**Other Notes:** If IncludeTax is set enable, and items were retrieved successfully but TaxRate and PriceInclTax are NULL means this method was not able to calculate the tax rate with the given shipping information or price type

### Input (Literal)


The input of this method is the argument GetInventory\_Shopping\_v4 having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:RepNumber      | s:string        |
| tns:CustomerNumber | s:string        |
| tns:Autoship       | s:int           |
| tns:PriceType      | s:string        |
| tns:LocaleID       | s:int           |
| tns:Country        | s:string        |
| tns:State          | s:string        |
| tns:County         | s:string        |
| tns:City           | s:string        |

| Element         | Type      |
|-----------------|-----------|
| tns:PostalCode  | s:string  |
| tns:ShipGeoCode | s:string  |
| tns:IncludeTax  | s:boolean |

**Output (Literal)**

The output of this method is the argument `GetInventory_Shopping_v4Response` having the structure defined by the following table.

| Element  | Type                        |
|--|-----------------------------|
|  SEQUENCE |                             |
| tns:GetInventory_Shopping_v4Result   | tns:GetInventoryResponse_v4 |

## Method: GetInventory\_Shopping\_v5

### Description

This method retrieves all the shopping items available for a given Rep# or Customer#, PriceType (wholesale, retail, etc.), Country, also this retrieves the tax rate and tax included price of the items. But, in addition to previous versions, this method now pass Warehouse Information and 'On Hand' amounts for each warehouse returned.

**Optional Inputs:** State, County, City, PostalCode and ShipGeoCode are optional, they can be useful in case that the Tax Engine needs them and any Rep# or Customer# was provided.

**Additional Required Inputs:** LocaleID (1 being default), AutoShip (specify whether AutoShip items should be returned) and IncludeTax (specify whether PriceInclTax and TaxRate output parameters should be calculated, if IncludeTax is set to False, PriceInclTax and TaxRate will be null).

**Output Messages:** This method will return a status message of the transaction. Besides, the output Success will return 1 or 0 if there was success or not, respectively

- INVALID\_CREDENTIALS:** Means that credentials are incorrect or invalid
- INVALID\_COUNTRY:** Means that provided Country was not found in the system
- INVALID\_PRICETYPE:** Means that provided price type was not found in the system
- INVALID\_REPNUMBER:** Means that provided Rep# was not found in the system
- INVALID\_CUSTOMERNUMBER:** Means that provided Customer# was not found in the system
- COUNTRY\_IS\_REQUIRED:** Occurs when Rep# and Customer# are empty, and PriceType is defined but Country is empty. Due this API method returns tax information of shopping items, always Country is required if Rep# or Customer# are not provided.
- PRICETYPE\_IS\_REQUIRED:** Occurs when Rep# and Customer# are empty, and Country is defined but PriceType is empty. Due this API method returns shopping items available for a price type, always PriceType will be required if user doesn't define neither Rep# nor Customer#.
- INVALID\_PARAMETERS\_PROVIDED:** Occurs when Rep#, Customer#, Country and, PriceType are empty.
- TRANSACTION\_DISPATCHED\_EXCEPTION:** In case we get an error in the transaction, we will communicate that by this message.
- NO\_DATA\_FOUND:** This is not an error. Success output is set to 1. This message indicates that query was executed correctly but doesn't retrieve any shopping item.
- SUCCESS:** Means that API method retrieved shopping items correctly.

**Other Notes:** If IncludeTax is set enable, and items were retrieved successfully but TaxRate and PriceInclTax are NULL means this method was not able to calculate the tax rate with the given shipping information or price type

### Input (Literal)

The input of this method is the argument GetInventory\_Shopping\_v5 having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:RepNumber      | s:string        |
| tns:CustomerNumber | s:string        |
| tns:Autoship       | s:int           |
| tns:PriceType      | s:string        |
| tns:LocaleID       | s:int           |
| tns:Country        | s:string        |
| tns:State          | s:string        |
| tns:County         | s:string        |
| tns:City           | s:string        |
| tns:PostalCode     | s:string        |
| tns:ShipGeoCode    | s:string        |



| Element        | Type      |
|----------------|-----------|
| tns:IncludeTax | s:boolean |

**Output (Literal)**

The output of this method is the argument GetInventory\_Shopping\_v5Response having the structure defined by the following table.

| Element                            | Type                        |
|------------------------------------|-----------------------------|
| SEQUENCE                           |                             |
| tns:GetInventory_Shopping_v5Result | tns:GetInventoryResponse_v5 |

## Method: GetInventory\_Signup

### Description

For a given Rep#, PriceType (Retail, Wholesale, etc.), and Locale ID (default of 1), one can retrieve all Inventory Items available for signup.

### Input (Literal)

The input of this method is the argument GetInventory\_Signup having the structure defined by the following table.

| Element              | Type            |
|----------------------|-----------------|
| SEQUENCE             |                 |
| tns:Credentials      | tns:Credentials |
| tns:SponsorRepNumber | s:string        |
| tns:PriceType        | s:string        |
| tns:LocaleID         | s:int           |

### Output (Literal)

The output of this method is the argument GetInventory\_SignupResponse having the structure defined by the following table.

| Element                       | Type                          |
|-------------------------------|-------------------------------|
| SEQUENCE                      |                               |
| tns:GetInventory_SignupResult | tns:ArrayOfGetInventoryReturn |

## Method: GetInventory\_Signup\_AddtlOptions

### Description

For a given Rep#, PriceType (Retail, Wholesale, etc.), Locale ID (default of 1), and Country (USA, etc.), one can retrieve all the additional signup items available.

### Input (Literal)

The input of this method is the argument GetInventory\_Signup\_AddtlOptions having the structure defined by the following table.

| Element              | Type            |
|----------------------|-----------------|
| SEQUENCE             |                 |
| tns:Credentials      | tns:Credentials |
| tns:SponsorRepNumber | s:string        |
| tns:PriceType        | s:string        |
| tns:LocaleID         | s:int           |
| tns:Country          | s:string        |

### Output (Literal)

The output of this method is the argument GetInventory\_Signup\_AddtlOptionsResponse having the structure defined by the following table.

| Element                                    | Type                        |
|--|-----------------------------|
| SEQUENCE                                   |                             |
| tns:GetInventory_Signup_AddtlOptionsResult | tns:GetInventoryResponse_v3 |

## Method: GetInventory\_Signup\_v2

### Description

For a given Rep#, PriceType (Retail, Wholesale, etc.), Locale ID (default of 1), and Country (USA, etc.), one can retrieve all Inventory Items available for signup.

### Input (Literal)

The input of this method is the argument GetInventory\_Signup\_v2 having the structure defined by the following table.

| Element              | Type            |
|----------------------|-----------------|
| SEQUENCE             |                 |
| tns:Credentials      | tns:Credentials |
| tns:SponsorRepNumber | s:string        |
| tns:PriceType        | s:string        |
| tns:LocaleID         | s:int           |
| tns:Country          | s:string        |

### Output (Literal)

The output of this method is the argument GetInventory\_Signup\_v2Response having the structure defined by the following table.

| Element                          | Type                             |
|----------------------------------|----------------------------------|
| SEQUENCE                         |                                  |
| tns:GetInventory_Signup_v2Result | tns:ArrayOfGetInventoryReturn_v2 |

## Method: GetInventory\_Signup\_v3

### Description

For a given Rep#, PriceType (Retail, Wholesale, etc.), Locale ID (default of 1), and Country (USA, etc.), one can retrieve all Inventory Items available for signup. Note: The only difference between V2 and V3 is the format of the items returned.

### Input (Literal)

The input of this method is the argument GetInventory\_Signup\_v3 having the structure defined by the following table.

| Element              | Type            |
|----------------------|-----------------|
| SEQUENCE             |                 |
| tns:Credentials      | tns:Credentials |
| tns:SponsorRepNumber | s:string        |
| tns:PriceType        | s:string        |
| tns:LocaleID         | s:int           |
| tns:Country          | s:string        |

### Output (Literal)

The output of this method is the argument GetInventory\_Signup\_v3Response having the structure defined by the following table.

| Element                          | Type                        |
|----------------------------------|-----------------------------|
| SEQUENCE                         |                             |
| tns:GetInventory_Signup_v3Result | tns:GetInventoryResponse_v3 |

## Method: GetInventory\_SingleItem

### Description

This function allows one to enter the context for a single item and retrieve that item. One can enter the product ID, Rep# or Customer#, PriceType (retail, wholesale, etc.), and the Locale ID (default 1) to retrieve the item. Note: Should a Price type not exists for that product ID for the current rank of the Rep or Customer's Rep, this function will not return the item as the system will not allow that item to be purchased for the given Rep/Customer.

### Input (Literal)

The input of this method is the argument GetInventory\_SingleItem having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:RepNumber      | s:string        |
| tns:CustomerNumber | s:string        |
| tns:ProductID      | s:string        |
| tns:PriceType      | s:string        |
| tns:LocaleID       | s:int           |

### Output (Literal)

The output of this method is the argument GetInventory\_SingleItemResponse having the structure defined by the following table.

| Element                           | Type                          |
|-----------------------------------|-------------------------------|
| SEQUENCE                          |                               |
| tns:GetInventory_SingleItemResult | tns:ArrayOfGetInventoryReturn |


## Method: GetInventory\_SingleItem\_v2

### Description

This function allows one to enter the context for a single item and retrieve that item. One can enter the product ID, Rep# or Customer#, PriceType (retail, wholesale, etc.), Locale ID (default 1), and the Country (USA,etc.) to retrieve the item. Note: Should a Price type not exists for that product ID for the current rank of the Rep or Customer's Rep, this function will not return the item as the system will not allow that item to be purchased for the given Rep/Customer.


### Input (Literal)

The input of this method is the argument GetInventory\_SingleItem\_v2 having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:CustomerNumber   | s:string        |
| tns:ProductID  | s:string        |
| tns:PriceType  | s:string        |
| tns:LocaleID   | s:int           |
| tns:Country  | s:string        |

### Output (Literal)

The output of this method is the argument GetInventory\_SingleItem\_v2Response having the structure defined by the following table.

| Element  | Type                             |
|--|----------------------------------|
|  SEQUENCE |                                  |
| tns:GetInventory_SingleItem_v2Result   | tns:ArrayOfGetInventoryReturn_v2 |


## Method: GetInventory\_SingleItem\_v3

### Description

This function allows one to enter the context for a single item and retrieve that item. One can enter the product ID, Rep# or Customer#, PriceType (retail, wholesale, etc.), Locale ID (default 1), and the Country (USA,etc.) to retrieve the item. Note: Should a Price type not exists for that product ID for the current rank of the Rep or Customer's Rep, this function will not return the item as the system will not allow that item to be purchased for the given Rep/Customer. Also, the only difference between V2 and V3 is the format in which the data is returned.


### Input (Literal)

The input of this method is the argument GetInventory\_SingleItem\_v3 having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:CustomerNumber   | s:string        |
| tns:ProductID  | s:string        |
| tns:PriceType  | s:string        |
| tns:LocaleID   | s:int           |
| tns:Country  | s:string        |

### Output (Literal)

The output of this method is the argument GetInventory\_SingleItem\_v3Response having the structure defined by the following table.

| Element  | Type                        |
|--|-----------------------------|
|  SEQUENCE |                             |
| tns:GetInventory_SingleItem_v3Result   | tns:GetInventoryResponse_v3 |



## Method: GetLocales

### Description

This function will return the available locales. For most instances, only one locale [Default:1] will exist.

### Input (Literal)

The input of this method is the argument GetLocales having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the argument GetLocalesResponse having the structure defined by the following table.

| Element              | Type                    |
|----------------------|-------------------------|
| SEQUENCE             |                         |
| tns:GetLocalesResult | tns:ArrayOfLocaleReturn |


## Method: GetLocalesbyShipCountry

### Description

This will return locale information based on the ShipCountry in the system


### Input (Literal)

The input of this method is the argument GetLocalesbyShipCountry having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:ShipCountry  | s:string        |

### Output (Literal)

The output of this method is the argument GetLocalesbyShipCountryResponse having the structure defined by the following table.

| Element  | Type                 |
|--|----------------------|
|  SEQUENCE |                      |
| tns:GetLocalesbyShipCountryResult  | tns:LocalesByCountry |


## Method: GetMiscFields

### Description

This method will return the misc fields defined for a specific Primary Table. PrimaryTable is the table which is being extended with MiscFields.


### Input (Literal)

The input of this method is the argument GetMiscFields having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:primaryTableName   | s:string        |

### Output (Literal)

The output of this method is the argument GetMiscFieldsResponse having the structure defined by the following table.

| Element  | Type                        |
|--|-----------------------------|
|  SEQUENCE |                             |
| tns:GetMiscFieldsResult  | tns:ArrayOfMiscFieldsReturn |

## Method: GetMiscFieldValue

### Description

This method will return the value of a misc field.

### Input (Literal)

The input of this method is the argument GetMiscFieldValue having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:miscFieldID | s:int           |
| tns:entityID    | s:int           |

### Output (Literal)

The output of this method is the argument GetMiscFieldValueResponse having the structure defined by the following table.

| Element                     | Type               |
|-----------------------------|--------------------|
| SEQUENCE                    |                    |
| tns:GetMiscFieldValueResult | tns:MiscFieldValue |

## Method: GetPayOutAdjustmentTypes

### Description

Returns a data set of the PayOut Adjustment types by Description.

### Input (Literal)

The input of this method is the argument GetPayOutAdjustmentTypes having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the argument GetPayOutAdjustmentTypesResponse having the structure defined by the following table.

| Element                            | Type                                 |
|------------------------------------|--------------------------------------|
| SEQUENCE                           |                                      |
| tns:GetPayOutAdjustmentTypesResult | tns:GetPayOutAdjustmentTypesResponse |

## Method: GetPayoutMethods

### Description

This method will return the available payout methods within the system.

### Input (Literal)

The input of this method is the argument GetPayoutMethods having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the argument GetPayoutMethodsResponse having the structure defined by the following table.

| Element                    | Type                     |
|----------------------------|--------------------------|
| SEQUENCE                   |                          |
| tns:GetPayoutMethodsResult | tns:ArrayOfPayoutMethods |


## Method: GetPersonalizations

### Description

For a given orderid/onlineorderid, orderdetailid/onlineorderdetailid, and classification (1=OnlineOrderID,2=OrderID), one can see all the personalizations related to that detail item.


### Input (Literal)

The input of this method is the argument GetPersonalizations having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OrderID  | s:int           |
| tns:DetailID   | s:int           |
| tns:Classification   | tns:OrderType   |

### Output (Literal)

The output of this method is the argument GetPersonalizationsResponse having the structure defined by the following table.

| Element  | Type                           |
|--|--------------------------------|
|  SEQUENCE |                                |
| tns:GetPersonalizationsResult  | tns:GetPersonalizationResponse |

## Method: GetRankTypes

### Description

This method will return the available rank types in the system.

### Input (Literal)

The input of this method is the argument GetRankTypes having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the argument GetRankTypesResponse having the structure defined by the following table.

| Element                | Type                |
|------------------------|---------------------|
| SEQUENCE               |                     |
| tns:GetRankTypesResult | tns:RankTypesReturn |




## Method: GetRelationshipDetails

### Description

This method allows one to see the relationship items for a given orderdetailid/onlineorderdetailid and item number context.


### Input (Literal)

The input of this method is the argument GetRelationshipDetails having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:ItemNumber   | s:string        |
| tns:OrderDetailID  | s:int           |
| tns:OnlineOrderDetailID  | s:int           |
| tns:Country  | s:string        |

### Output (Literal)

The output of this method is the argument GetRelationshipDetailsResponse having the structure defined by the following table.

| Element  | Type                        |
|--|-----------------------------|
|  SEQUENCE |                             |
| tns:GetRelationshipDetailsResult   | tns:RelationshipInformation |

## Method: GetRepByGuid

### Description

For a given GUID & IPAddress, this method will authenticate a user. Note: The IP Address validation is controlled by an internal setting in the clients' BackOffice so this can be turned on or off dependent upon the client's security requirements.

### Input (Literal)

The input of this method is the argument GetRepByGuid having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:GUID        | s:string        |
| tns:Credentials | tns:Credentials |
| tns:IPAddress   | s:string        |

### Output (Literal)

The output of this method is the argument GetRepByGuidResponse having the structure defined by the following table.

| Element                | Type                     |
|------------------------|--------------------------|
| SEQUENCE               |                          |
| tns:GetRepByGuidResult | tns:GetRepByGuidResponse |

## Method: GetRepCodedUplineInfo

### Description

This method will return a table with Rep's Coded Upline Information, specifically it will return Coded Description and UplineRepDID related to it.

### Input (Literal)

The input of this method is the argument GetRepCodedUplineInfo having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:repNumber   | s:string        |

### Output (Literal)

The output of this method is the argument GetRepCodedUplineInfoResponse having the structure defined by the following table.

| Element                         | Type                              |
|---------------------------------|-----------------------------------|
| SEQUENCE                        |                                   |
| tns:GetRepCodedUplineInfoResult | tns:GetRepCodedUplineInfoResponse |

## Method: GetRepCustomers

### Description

For a given rep number, this method will return all customers who were sponsored for a particular representative.

### Input (Literal)

The input of this method is the argument GetRepCustomers having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:RepNumber   | s:string        |

### Output (Literal)

The output of this method is the argument GetRepCustomersResponse having the structure defined by the following table.

| Element                   | Type                            |
|---------------------------|---------------------------------|
| SEQUENCE                  |                                 |
| tns:GetRepCustomersResult | tns:ArrayOfRepCustomersResponse |

## Method: GetRepInfo

### Description

This method will return information for a representative for its given Rep# or URL

### Input (Literal)

The input of this method is the argument GetRepInfo having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:RepNumberOrURL | s:string        |

### Output (Literal)

The output of this method is the argument GetRepInfoResponse having the structure defined by the following table.

| Element              | Type                   |
|----------------------|------------------------|
| SEQUENCE             |                        |
| tns:GetRepInfoResult | tns:GetRepInfoResponse |


## Method: GetRepInfo\_V2

### Description

This method will return information for a representative for its given Rep# or URL


### Input (Literal)

The input of this method is the argument GetRepInfo\_V2 having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumberOrURL   | s:string        |

### Output (Literal)

The output of this method is the argument GetRepInfo\_V2Response having the structure defined by the following table.

| Element  | Type                      |
|--|---------------------------|
|  SEQUENCE |                           |
| tns:GetRepInfo_V2Result  | tns:GetRepInfoResponse_V2 |

## Method: GetRepInfo\_V3

### Description

This method will return information for a representative for its given Rep# or URL

### Input (Literal)

The input of this method is the argument GetRepInfo\_V3 having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:RepNumberOrURL | s:string        |

### Output (Literal)

The output of this method is the argument GetRepInfo\_V3Response having the structure defined by the following table.

| Element                 | Type                      |
|-------------------------|---------------------------|
| SEQUENCE                |                           |
| tns:GetRepInfo_V3Result | tns:GetRepInfoResponse_V3 |

## Method: GetRepPassword

### Description

This function allows one to retrieve the password for a given Rep# or Rep URL. Note: There are other functions that can be used to transact logins. This should only be used when only the password is required. (To verify the user again prior to modifying account settings...etc.)

### Input (Literal)

The input of this method is the argument GetRepPassword having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:RepNumberOrURL | s:string        |

### Output (Literal)

The output of this method is the argument GetRepPasswordResponse having the structure defined by the following table.

| Element                  | Type                       |
|--------------------------|----------------------------|
| SEQUENCE                 |                            |
| tns:GetRepPasswordResult | tns:GetRepPasswordResponse |



## Method: GetRepPayoutMethodInfo

### Description

For a given RepDID, this method will return the payout method information for that representative.

### Input (Literal)

The input of this method is the argument GetRepPayoutMethodInfo having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:RepDID      | s:string        |

### Output (Literal)

The output of this method is the argument GetRepPayoutMethodInfoResponse having the structure defined by the following table.

| Element                          | Type                               |
|----------------------------------|------------------------------------|
| SEQUENCE                         |                                    |
| tns:GetRepPayoutMethodInfoResult | tns:GetRepPayoutMethodInfoResponse |

## Method: GetRepPayoutMethodInfoV2

### Description

For a given RepDID, this method will return the payout method information for that representative.

### Input (Literal)

The input of this method is the argument GetRepPayoutMethodInfoV2 having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:RepDID      | s:string        |

### Output (Literal)

The output of this method is the argument GetRepPayoutMethodInfoV2Response having the structure defined by the following table.

| Element                            | Type                                 |
|------------------------------------|--------------------------------------|
| SEQUENCE                           |                                      |
| tns:GetRepPayoutMethodInfoV2Result | tns:GetRepPayoutMethodInfoResponseV2 |


## Method: GetRepPrefPlacementInfo

### Description

This method will return the current preferred placement for a representative.


### Input (Literal)

The input of this method is the argument GetRepPrefPlacementInfo having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepDID   | s:string        |
| tns:BCDID  | s:string        |

### Output (Literal)

The output of this method is the argument GetRepPrefPlacementInfoResponse having the structure defined by the following table.

| Element   | Type                            |
|---|---------------------------------|
|  SEQUENCE |                                 |
| tns:GetRepPrefPlacementInfoResult   | tns:GetRepPrefPlacementResponse |


## Method: GetRepTypes

### Description

This method will return the available rep types in the system.


### Input (Literal)

The input of this method is the argument GetRepTypes having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |

### Output (Literal)

The output of this method is the argument GetRepTypesResponse having the structure defined by the following table.

| Element  | Type                   |
|--|------------------------|
|  SEQUENCE |                        |
| tns:GetRepTypesResult  | tns:ArrayOfTypesReturn |

## Method: GetRepUpline

### Description

This method will retrieve the upline by placement information for a given rep # in a genealogy type.

**Input parameters:**

- RepDID:** Rep # whose upline the client wishes to retrieve.
- GenealogyType:** Identifier # of the Genealogy Type. Consult ByDesign support for knowing the your enabled Genealogy Types and their identifiers.
- Leves:** Number of upline levels to return. Accepts NULL. NULL returns all upline levels.

**Output Messages:** This method will return a status message of the transaction. Besides, the output Success will return 1 or 0 if there was success or not, respectively.

- INVALID\_CREDENTIALS:** Means that credentials are incorrect or invalid.
- INSUFFICIENT\_USER\_RIGHTS:** Means that credentials are correct but don't have the needed access rights to use this method.
- INVALID\_REPDID\_PROVIDED:** Means that provided Rep# was not found in the system.
- INVALID\_GENEALOGYTYPE:** Occurs when GenealogyType has an invalid value.
- REPDID\_IS\_REQUIRED:** Occurs when Rep# is empty.
- TRANSACTION\_DISPATCHED\_EXCEPTION:** In case we get an error in the transaction, we will communicate that by this message.
- NO\_UPLINE\_FOUND:** This is not an error. Success output is set to 1. This message indicates that query was executed correctly but doesn't retrieve any upline.
- SUCCESS:** Means that API method retrieved upline info correctly.

**Other Notes:** Records are returned in ascending order.

### Input (Literal)

The input of this method is the argument GetRepUpline having the structure defined by the following table.

| Element           | Type            |
|-------------------|-----------------|
| SEQUENCE          |                 |
| tns:Credentials   | tns:Credentials |
| tns:RepDID        | s:string        |
| tns:GenealogyType | s:int           |
| tns:Levels        | s:int           |

### Output (Literal)

The output of this method is the argument GetRepUplineResponse having the structure defined by the following table.

| Element                | Type                   |
|------------------------|------------------------|
| SEQUENCE               |                        |
| tns:GetRepUplineResult | tns:GetRepUplineReturn |


## Method: LoginCheck\_Customer

### Description

This method can be used to authenticate a customer using the customer's user name and password.


### Input (Literal)

The input of this method is the argument LoginCheck\_Customer having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:Username   | s:string        |
| tns:Password   | s:string        |

### Output (Literal)

The output of this method is the argument LoginCheck\_CustomerResponse having the structure defined by the following table.

| Element   | Type                     |
|---|--------------------------|
|  SEQUENCE |                          |
| tns:LoginCheck_CustomerResult   | tns:LoginReturn_Customer |

## Method: LoginCheck\_Rep

### Description

This method can be used to authenticate a representative using the representative's user name (RepDID or EmailAddress) and password.

### Input (Literal)

The input of this method is the argument LoginCheck\_Rep having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:Username    | s:string        |
| tns:Password    | s:string        |

### Output (Literal)

The output of this method is the argument LoginCheck\_RepResponse having the structure defined by the following table.

| Element                  | Type                |
|--------------------------|---------------------|
| SEQUENCE                 |                     |
| tns:LoginCheck_RepResult | tns:LoginReturn_Rep |


## Method: MoveCustomerToNewRep

### Description

This method allows one to move a customer from one rep to another. Please do not use this method unless one has a clear understanding of the possible consequences with the clients bonus concerning volume totals. It is strongly recommended to call ByDesign concerning the effect moving a customer has on the orders related to that customer and the related volume.


### Input (Literal)

The input of this method is the argument MoveCustomerToNewRep having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:CustomerID   | s:int           |
| tns:RepID  | s:string        |

### Output (Literal)

The output of this method is the argument MoveCustomerToNewRepResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:MoveCustomerToNewRepResult   | tns:GenericResponse |




## Method: MoveCustomerToNewRep\_V2

### Description

This method allows one to move a customer from one rep to another. Please do not use this method unless one has a clear understanding of the possible consequences with the clients bonus concerning volume totals. It is strongly recommended to call ByDesign concerning the effect moving a customer has on the orders related to that customer and the related volume.


### Input (Literal)

The input of this method is the argument MoveCustomerToNewRep\_V2 having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:CustomerID   | s:string        |
| tns:RepID  | s:string        |

### Output (Literal)

The output of this method is the argument MoveCustomerToNewRep\_V2Response having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:MoveCustomerToNewRep_V2Result  | tns:GenericResponse |


## Method: `OnlineOrder_AddItem`

### Description

This method allows one to add an item to an online order. Since this method is called millions of times a day, only an integer is returned. This can make it tricky to figure out why certain items may not be ending up in the cart. The #1 reason that a item isn't added to a cart is because a `PriceType` doesn't exist for the Rep's/Customer's Rank/Type/etc. If one can't add an item that is believed to be able to be purchased, it is best suggested to call support which can help one ascertain as to why it is not able to be purchased.


### Input (Literal)

The input of this method is the argument `OnlineOrder_AddItem` having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OnlineOrderID  | s:int           |
| tns:ProductID  | s:string        |
| tns:Quantity   | s:int           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_AddItemResponse` having the structure defined by the following table.

| Element  | Type  |
|--|-------|
|  SEQUENCE |       |
| tns:OnlineOrder_AddItemResult  | s:int |


## Method: `OnlineOrder_AddItem_V2`

### Description

This method allows one to add an item to an online order. Since this method is called millions of times a day, only an integer is returned. This can make it tricky to figure out why certain items may not be ending up in the cart. The #1 reason that a item isn't added to a cart is because a `PriceType` doesn't exist for the Rep's/Customer's Rank/Type/etc. If one can't add an item that is believed to be able to be purchased, it is best suggested to call support which can help one ascertain as to why it is not able to be purchased. This v2 validates the value entered to each parameter, returns success or fail result and the reason for failure.


### Input (Literal)

The input of this method is the argument `OnlineOrder_AddItem_V2` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:OnlineOrderID</code>   | <code>s:int</code>           |
| <code>tns:ProductID</code>   | <code>s:string</code>        |
| <code>tns:Quantity</code>  | <code>s:int</code>           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_AddItem_V2Response` having the structure defined by the following table.

| Element  | Type  |
|--|---|
|  SEQUENCE |   |
| <code>tns:OnlineOrder_AddItem_V2Result</code>  | <code>tns:OnlineOrderAddItemV2Response</code> |


## Method: `OnlineOrder_AddItemByPriceType`

### Description

This method is the same as `OnlineOrder_AddItem` except that one may specify the Price Text (retail, etc.)


### Input (Literal)

The input of this method is the argument `OnlineOrder_AddItemByPriceType` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:OnlineOrderID</code>   | <code>s:int</code>           |
| <code>tns:ProductID</code>   | <code>s:string</code>        |
| <code>tns:Quantity</code>  | <code>s:int</code>           |
| <code>tns:PriceType</code>   | <code>s:string</code>        |

### Output (Literal)

The output of this method is the argument `OnlineOrder_AddItemByPriceTypeResponse` having the structure defined by the following table.

| Element  | Type               |
|--|--------------------|
|  SEQUENCE |                    |
| <code>tns:OnlineOrder_AddItemByPriceTypeResult</code>  | <code>s:int</code> |


## Method: `OnlineOrder_AddMultipleItems`

### Description

This method works the same as `OnlineOrder_AddItem` except that one may add multiple items at once.


### Input (Literal)

The input of this method is the argument `OnlineOrder_AddMultipleItems` having the structure defined by the following table.

| Element  | Type                                |
|--|-------------------------------------|
|  SEQUENCE |                                     |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code>        |
| <code>tns:OnlineOrderID</code>   | <code>s:int</code>                  |
| <code>tns:ProductName</code>   | <code>tns:ArrayOfProductInfo</code> |

### Output (Literal)

The output of this method is the argument `OnlineOrder_AddMultipleItemsResponse` having the structure defined by the following table.

| Element   | Type  |
|---|---|
|  SEQUENCE |   |
| <code>tns:OnlineOrder_AddMultipleItemsResult</code>   | <code>tns:OOAddMultipleOrderResponse</code> |


## Method: `OnlineOrder_Autoship_AddItem`

### Description

This method allows one to add an AutoShip item to an online order. Just as with adding a regular item to an online order, the price type for AutoShip must exist in order for the item to be added.


### Input (Literal)

The input of this method is the argument `OnlineOrder_Autoship_AddItem` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:OnlineOrderID</code>   | <code>s:int</code>           |
| <code>tns:ProductID</code>   | <code>s:string</code>        |
| <code>tns:Quantity</code>  | <code>s:int</code>           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_Autoship_AddItemResponse` having the structure defined by the following table.

| Element  | Type               |
|--|--------------------|
|  SEQUENCE |                    |
| <code>tns:OnlineOrder_Autoship_AddItemResult</code>  | <code>s:int</code> |

## Method: **OnlineOrder\_AutoShip\_AddItem\_V2**

### Description

This method allows one to add an AutoShip item just like OnlineOrder\_AutoShip\_AddItem except that one may specify the next date of shipment.

### Input (Literal)

The input of this method is the argument OnlineOrder\_AutoShip\_AddItem\_V2 having the structure defined by the following table.

| Element              | Type            |
|----------------------|-----------------|
| SEQUENCE             |                 |
| tns:Credentials      | tns:Credentials |
| tns:OnlineOrderID    | s:int           |
| tns:ProductID        | s:string        |
| tns:Quantity         | s:int           |
| tns:DateNextShipment | s:string        |

### Output (Literal)

The output of this method is the argument OnlineOrder\_AutoShip\_AddItem\_V2Response having the structure defined by the following table.

| Element                                   | Type                          |
|---|-------------------------------|
| SEQUENCE                                  |                               |
| tns:OnlineOrder_AutoShip_AddItem_V2Result | tns:GetOnlineAutoShipResponse |

## Method: **OnlineOrder\_Autoship\_AddItem\_V3**

### Description

This method works exactly like OnlineOrder\_Autoship\_AddItem\_V2 except that one may also specify a particular shipping method to be used for the AutoShip Orders to be generated.

### Input (Literal)

The input of this method is the argument OnlineOrder\_Autoship\_AddItem\_V3 having the structure defined by the following table.

| Element              | Type            |
|----------------------|-----------------|
| SEQUENCE             |                 |
| tns:Credentials      | tns:Credentials |
| tns:OnlineOrderID    | s:int           |
| tns:ProductID        | s:string        |
| tns:Quantity         | s:int           |
| tns:DateNextShipment | s:string        |
| tns:ShipMethodID     | s:int           |

### Output (Literal)

The output of this method is the argument OnlineOrder\_Autoship\_AddItem\_V3Response having the structure defined by the following table.

| Element                                   | Type                          |
|---|-------------------------------|
| SEQUENCE                                  |                               |
| tns:OnlineOrder_Autoship_AddItem_V3Result | tns:GetOnlineAutoShipResponse |




## Method: `OnlineOrder_Autoship_ClearItem`

### Description

This method allows one to clear a particular AutoShip item given the Online Orders AutoShip Detail ID associated to the item.


### Input (Literal)

The input of this method is the argument `OnlineOrder_Autoship_ClearItem` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:OnlineOrderID</code>   | <code>s:int</code>           |
| <code>tns:OnlineOrdersAutoshipID</code>  | <code>s:int</code>           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_Autoship_ClearItemResponse` having the structure defined by the following table.

| Element  | Type               |
|--|--------------------|
|  SEQUENCE |                    |
| <code>tns:OnlineOrder_Autoship_ClearItemResult</code>  | <code>s:int</code> |


## Method: `OnlineOrder_Autoship_ClearItems`

### Description

This method will clear all AutoShip items associated to a particular online order id.


### Input (Literal)

The input of this method is the argument `OnlineOrder_Autoship_ClearItems` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:OnlineOrderID</code>   | <code>s:int</code>           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_Autoship_ClearItemsResponse` having the structure defined by the following table.

| Element  | Type               |
|--|--------------------|
|  SEQUENCE |                    |
| <code>tns:OnlineOrder_Autoship_ClearItemsResult</code>                                     | <code>s:int</code> |


## Method: `OnlineOrder_Autoship_GetItems`

### Description

This method will return the list of AutoShip items associated with a given online order id.


### Input (Literal)

The input of this method is the argument `OnlineOrder_Autoship_GetItems` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:OnlineOrderID</code>   | <code>s:int</code>           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_Autoship_GetItemsResponse` having the structure defined by the following table.

| Element  | Type                                       |
|--|--|
|  SEQUENCE |  |
| <code>tns:OnlineOrder_Autoship_GetItemsResult</code>                                       | <code>tns:ArrayOfOrderAutoshipItems</code> |


## Method: `OnlineOrder_Autoship_SetDate`

### Description

If the date of next shipment wasn't defined for an item added to an online order, one can specify the shipment date using this method for a given online order id, date of shipment, and period day.


### Input (Literal)

The input of this method is the argument `OnlineOrder_Autoship_SetDate` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:OnlineOrderID</code>   | <code>s:int</code>           |
| <code>tns:setDate</code>   | <code>s:boolean</code>       |
| <code>tns:PeriodDay</code>   | <code>s:int</code>           |
| <code>tns:DateNextRun</code>   | <code>s:dateTime</code>      |

### Output (Literal)

The output of this method is the argument `OnlineOrder_Autoship_SetDateResponse` having the structure defined by the following table.

| Element  | Type               |
|--|--------------------|
|  SEQUENCE |                    |
| <code>tns:OnlineOrder_Autoship_SetDateResult</code>  | <code>s:int</code> |


## Method: **OnlineOrder\_ClearItem**

### Description

This method will clear a detail item from the Online Order specified.


### Input (Literal)

The input of this method is the argument `OnlineOrder_ClearItem` having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OnlineOrderID  | s:int           |
| tns:OnlineOrderDetailID  | s:int           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_ClearItemResponse` having the structure defined by the following table.

| Element   | Type  |
|---|-------|
|  SEQUENCE |       |
| tns:OnlineOrder_ClearItemResult   | s:int |


## Method: **OnlineOrder\_ClearItems**

### Description

This method will clear all items from an Online Order specified


### Input (Literal)

The input of this method is the argument `OnlineOrder_ClearItems` having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OnlineOrderID  | s:int           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_ClearItemsResponse` having the structure defined by the following table.

| Element  | Type  |
|--|-------|
|  SEQUENCE |       |
| tns:OnlineOrder_ClearItemsResult   | s:int |


## Method: `OnlineOrder_DeleteDraftOrder`

### Description

When using master orders, this allows one to delete a saved/draft order associated to a master order id.


### Input (Literal)

The input of this method is the argument `OnlineOrder_DeleteDraftOrder` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:MasterOrderID</code>   | <code>s:int</code>           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_DeleteDraftOrderResponse` having the structure defined by the following table.

| Element  | Type                             |
|--|----------------------------------|
|  SEQUENCE |                                  |
| <code>tns:OnlineOrder_DeleteDraftOrderResult</code>  | <code>tns:GenericResponse</code> |


## Method: `OnlineOrder_GetDraftOrders_Master`

### Description

When using master orders, this will return all saved/drafted master orders for a particular rep number.


### Input (Literal)

The input of this method is the argument `OnlineOrder_GetDraftOrders_Master` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:RepNumber</code>   | <code>s:int</code>           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_GetDraftOrders_MasterResponse` having the structure defined by the following table.

| Element  | Type                                  |
|--|---------------------------------------|
|  SEQUENCE |                                       |
| <code>tns:OnlineOrder_GetDraftOrders_MasterResult</code>                                   | <code>tns:MasterOrdersResponse</code> |



## Method: **OnlineOrder\_GetItems**

### Description

This will return the list of items that have been added to an online order id. This is how one can retrieve volume and other prices (compare/etc.)

### Input (Literal)

The input of this method is the argument `OnlineOrder_GetItems` having the structure defined by the following table.

| Element           | Type            |
|-------------------|-----------------|
| SEQUENCE          |                 |
| tns:Credentials   | tns:Credentials |
| tns:OnlineOrderID | s:int           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_GetItemsResponse` having the structure defined by the following table.

| Element                        | Type                  |
|--------------------------------|-----------------------|
| SEQUENCE                       |                       |
| tns:OnlineOrder_GetItemsResult | tns:ArrayOfOrderItems |


## Method: **OnlineOrder\_GetItems\_v2**

### Description

This is the same as OnlineOrder\_GetItems except that the response is in a DataSet.


### Input (Literal)

The input of this method is the argument OnlineOrder\_GetItems\_v2 having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OnlineOrderID  | s:int           |

### Output (Literal)

The output of this method is the argument OnlineOrder\_GetItems\_v2Response having the structure defined by the following table.

| Element  | Type                              |
|--|-----------------------------------|
|  SEQUENCE |                                   |
| tns:OnlineOrder_GetItems_v2Result  | tns:OnlineOrderGetItemsv2Response |


## Method: **OnlineOrder\_GetShipMethods**

### Description

This method will return the list of available shipping methods for a given State, Country, Weight, and POBOX. However, it is strongly suggested to use the second version of this method along with an Online Order ID as it will be easier and allow for fewer errors between systems.


### Input (Literal)

The input of this method is the argument `OnlineOrder_GetShipMethods` having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:ShipState  | s:string        |
| tns:ShipCountry  | s:string        |
| tns:Weight   | s:double        |
| tns:POBox  | s:int           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_GetShipMethodsResponse` having the structure defined by the following table.

| Element  | Type                   |
|--|------------------------|
|  SEQUENCE |                        |
| tns:OnlineOrder_GetShipMethodsResult   | tns:ArrayOfShipMethods |

## Method: `OnlineOrder_GetShipMethods_v2`

### Description

This method will return the allowable shipping methods for a specified online order. Note: Because different shipping methods will be available depending upon setup and territory. One should always call this method to return the shipping methods for a specified online order as even the total weight of an online order can change which shipping methods are available.

### Input (Literal)

The input of this method is the argument `OnlineOrder_GetShipMethods_v2` having the structure defined by the following table.

| Element           | Type            |
|-------------------|-----------------|
| SEQUENCE          |                 |
| tns:Credentials   | tns:Credentials |
| tns:OnlineOrderID | s:int           |
| tns:LocaleID      | s:int           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_GetShipMethods_v2Response` having the structure defined by the following table.

| Element                                 | Type                      |
|---|---------------------------|
| SEQUENCE                                |                           |
| tns:OnlineOrder_GetShipMethods_v2Result | tns:ArrayOfShipMethods_v2 |

## Method: `OnlineOrder_GetShipMethods_v3`

### Description

This method will return the allowable shipping methods for a specified online order. Note: Because different shipping methods will be available depending upon setup and territory. One should always call this method to return the shipping methods for a specified online order as even the total weight of an online order can change which shipping methods are available. In addition to previous versions, this retrieves the tax rate and tax included shipping price of the online order for the found shipping methods. This is useful for those companies that manage Simple Extended Tax Engine for handling VAT tax calculations.

**Other Inputs:** `LocaleID` (1 being default) and `IncludeTax` (specify whether `PriceInclTax` and `TaxRate` output parameters should be calculated, if `IncludeTax` is set to False, `PriceInclTax` and `TaxRate` will be null).

**Output Messages:** This method will return a status message of the transaction. Besides, the output `Success` will return 1 or 0 if there was success or not, respectively

- `INVALID_CREDENTIALS:` Means that credentials are incorrect or invalid
- `INVALID_ONLINEORDERID:` Means that provided `OnlineOrder#` was not found in the system
- `NO_SHIPCOUNTRY_FOUND:` Means that user set `IncludeTax` enable and provided `OnlineOrder#` does not have an allocated ship country yet. For calculating shipping tax is mandatory to set at least a shipping country.
- `TRANSACTION_DISPATCHED_EXCEPTION:` In case we get an error in the transaction, we will communicate that by this message.
- `NO_DATA_FOUND:` This is not an error. Success output is set to 1. This message indicates that query was executed correctly but doesn't retrieve any shipping method.
- `SUCCESS:` Means that API method retrieved shipping methods correctly.

**Other Notes:** If `IncludeTax` is set enable, and records were retrieved successfully but `TaxRate` and `PriceInclTax` are NULL means this method was not able to calculate the shipping tax rate for the found ship methods.

### Input (Literal)

The input of this method is the argument `OnlineOrder_GetShipMethods_v3` having the structure defined by the following table.

| Element                        | Type                         |
|--------------------------------|------------------------------|
| SEQUENCE                       |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:OnlineOrderID</code> | <code>s:int</code>           |
| <code>tns:LocaleID</code>      | <code>s:int</code>           |
| <code>tns:IncludeTax</code>    | <code>s:boolean</code>       |

### Output (Literal)

The output of this method is the argument `OnlineOrder_GetShipMethods_v3Response` having the structure defined by the following table.

| Element  | Type  |
|--|---|
| SEQUENCE   |   |
| <code>tns:OnlineOrder_GetShipMethods_v3Result</code> | <code>tns:OnlineOrderGetShipMethodsResponse_v3</code> |


## Method: `OnlineOrder_GetSubOrders_Master`

### Description

When using master orders, this will return all associated online orders for a master order id.


### Input (Literal)

The input of this method is the argument `OnlineOrder_GetSubOrders_Master` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:MasterOrderID</code>   | <code>s:int</code>           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_GetSubOrders_MasterResponse` having the structure defined by the following table.

| Element  | Type                                |
|--|-------------------------------------|
|  SEQUENCE |                                     |
| <code>tns:OnlineOrder_GetSubOrders_MasterResult</code>                                     | <code>tns:MasterOnlineOrders</code> |


## Method: **OnlineOrder\_GetTotals**

### Description

This method will return the list of totals for a given Online Order ID.


### Input (Literal)

The input of this method is the argument `OnlineOrder_GetTotals` having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OnlineOrderID  | s:int           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_GetTotalsResponse` having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:OnlineOrder_GetTotalsResult  | tns:OrderTotals |


## Method: `OnlineOrder_GetTotals_Master`

### Description

This method will return the list of totals for a given master order id.


### Input (Literal)

The input of this method is the argument `OnlineOrder_GetTotals_Master` having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:MasterOrderID  | s:int           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_GetTotals_MasterResponse` having the structure defined by the following table.

| Element  | Type                  |
|--|-----------------------|
|  SEQUENCE |                       |
| tns:OnlineOrder_GetTotals_MasterResult   | tns:MasterOrderTotals |




## Method: **OnlineOrder\_GetWeight**

### Description

This method will return the total weight for the online order. Note: Some companies keep weight in different units other than ounces. It is suggested to check with the client for whom one is integrating as to what unit the weight is recorded in.


### Input (Literal)

The input of this method is the argument `OnlineOrder_GetWeight` having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OnlineOrderID  | s:int           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_GetWeightResponse` having the structure defined by the following table.

| Element  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:OnlineOrder_GetWeightResult  | s:double |


## Method: `OnlineOrder_SetShippingOverride`

### Description

If using a custom or override shipping method, one can use this method to note that the order is having the shipping method overridden as well as how much the shipping will cost.


### Input (Literal)

The input of this method is the argument `OnlineOrder_SetShippingOverride` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:OnlineOrderID</code>   | <code>s:int</code>           |
| <code>tns:OverrideShipping</code>  | <code>s:int</code>           |
| <code>tns:ShippingTotal</code>   | <code>s:double</code>        |

### Output (Literal)

The output of this method is the argument `OnlineOrder_SetShippingOverrideResponse` having the structure defined by the following table.

| Element  | Type                                   |
|--|--|
|  SEQUENCE |  |
| <code>tns:OnlineOrder_SetShippingOverrideResult</code>                                       | <code>tns:GenericResponseWithID</code> |


## Method: **OnlineOrder\_SetShippingOverride\_V2**

### Description

If using a custom or override shipping method, one can use this method to note that the order is having the shipping method overridden as well as how much the shipping will cost.


### Input (Literal)

The input of this method is the argument `OnlineOrder_SetShippingOverride_V2` having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OnlineOrderID  | s:int           |
| tns:OverrideShipping   | s:int           |
| tns:ShippingTotal  | s:double        |

### Output (Literal)

The output of this method is the argument `OnlineOrder_SetShippingOverride_V2Response` having the structure defined by the following table.

| Element  | Type                      |
|--|---------------------------|
|  SEQUENCE |                           |
| tns:OnlineOrder_SetShippingOverride_V2Result   | tns:GenericResponseWithID |


## Method: **OnlineOrder\_SubmitOrder\_Master**

### Description

This method will attempt to submit a master order. A dataset is returned with the information concerning the success or failure of the submission of each associated order.


### Input (Literal)

The input of this method is the argument `OnlineOrder_SubmitOrder_Master` having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:MasterOrderID  | s:int           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_SubmitOrder_MasterResponse` having the structure defined by the following table.

| Element  | Type                    |
|--|-------------------------|
|  SEQUENCE |                         |
| tns:OnlineOrder_SubmitOrder_MasterResult   | tns:MasterOrdersCreated |


## Method: `OnlineOrder_UpdateCreditAmount`

### Description

If credit is available and will be used, this method can be used to update the amount of credit being applied to a given online order id.


### Input (Literal)

The input of this method is the argument `OnlineOrder_UpdateCreditAmount` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:OnlineOrderID</code>   | <code>s:int</code>           |
| <code>tns:CreditAmount</code>  | <code>s:double</code>        |

### Output (Literal)

The output of this method is the argument `OnlineOrder_UpdateCreditAmountResponse` having the structure defined by the following table.

| Element  | Type               |
|--|--------------------|
|  SEQUENCE |                    |
| <code>tns:OnlineOrder_UpdateCreditAmountResult</code>  | <code>s:int</code> |


## Method: `OnlineOrder_UpdateCreditAmount_Master`

### Description

If using master orders and credit is available and being used, this method can be used to define the amount of credit being applied to the master order id.


### Input (Literal)

The input of this method is the argument `OnlineOrder_UpdateCreditAmount_Master` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:MasterOrderID</code>   | <code>s:int</code>           |
| <code>tns:CreditAmount</code>  | <code>s:double</code>        |

### Output (Literal)

The output of this method is the argument `OnlineOrder_UpdateCreditAmount_MasterResponse` having the structure defined by the following table.

| Element  | Type               |
|--|--------------------|
|  SEQUENCE |                    |
| <code>tns:OnlineOrder_UpdateCreditAmount_MasterResult</code>                                 | <code>s:int</code> |


## Method: `OnlineOrder_UpdateCustomerID`

### Description

This method allows one to update the associated customer for a given online order id.


### Input (Literal)

The input of this method is the argument `OnlineOrder_UpdateCustomerID` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:OnlineOrderID</code>   | <code>s:int</code>           |
| <code>tns:CustomerID</code>  | <code>s:int</code>           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_UpdateCustomerIDResponse` having the structure defined by the following table.

| Element   | Type               |
|---|--------------------|
|  SEQUENCE |                    |
| <code>tns:OnlineOrder_UpdateCustomerIDResult</code>   | <code>s:int</code> |


## Method: **OnlineOrder\_UpdateItem**

### Description

This method allows one to update the quantity of a particular item for a given online order detail id


### Input (Literal)

The input of this method is the argument `OnlineOrder_UpdateItem` having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OnlineOrderDetailID  | s:int           |
| tns:Quantity   | s:int           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_UpdateItemResponse` having the structure defined by the following table.

| Element   | Type  |
|---|-------|
|  SEQUENCE |       |
| tns:OnlineOrder_UpdateItemResult  | s:int |




## Method: `OnlineOrder_UpdateShipMethod`

### Description

One can use this method to update the shipping method for a given Online Order ID.


### Input (Literal)

The input of this method is the argument `OnlineOrder_UpdateShipMethod` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:OnlineOrderID</code>   | <code>s:int</code>           |
| <code>tns:ShipMethodID</code>  | <code>s:int</code>           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_UpdateShipMethodResponse` having the structure defined by the following table.

| Element   | Type               |
|---|--------------------|
|  SEQUENCE |                    |
| <code>tns:OnlineOrder_UpdateShipMethodResult</code>   | <code>s:int</code> |


## Method: `OnlineOrder_UpdateShipMethod_GetTotals`

### Description

This is a version of `OnlineOrder_UpdateShipMethod` extended to return new order totals.


### Input (Literal)

The input of this method is the argument `OnlineOrder_UpdateShipMethod_GetTotals` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:OnlineOrderID</code>   | <code>s:int</code>           |
| <code>tns:ShipMethodID</code>  | <code>s:int</code>           |

### Output (Literal)

The output of this method is the argument `OnlineOrder_UpdateShipMethod_GetTotalsResponse` having the structure defined by the following table.

| Element   | Type                         |
|---|------------------------------|
|  SEQUENCE |                              |
| <code>tns:OnlineOrder_UpdateShipMethod_GetTotalsResult</code>                               | <code>tns:OrderTotals</code> |


## Method: PartySearchCompletion\_GetPartyDescriptions

### Description

This executes a custom procedure which will search for particular parties based on the search string and return the party descriptions. This must be setup prior to calling. Please contact the account manager for further details.


### Input (Literal)

The input of this method is the argument PartySearchCompletion\_GetPartyDescriptions having the structure defined by the following table.

| Element  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:prefixText   | s:string |
| tns:count  | s:int    |

### Output (Literal)

The output of this method is the argument PartySearchCompletion\_GetPartyDescriptionsResponse having the structure defined by the following table.

| Element  | Type              |
|--|-------------------|
|  SEQUENCE |                   |
| tns:PartySearchCompletion_GetPartyDescriptionsResult   | tns:ArrayOfString |

## Method: PartySearchCompletion\_GetPartyGuests

### Description

This executes a custom procedure which will search for particular parties based on the search string and return the party guests. This must be setup prior to calling. Please contact the account manager for further details.

### Input (Literal)

The input of this method is the argument PartySearchCompletion\_GetPartyGuests having the structure defined by the following table.

| Element        | Type     |
|----------------|----------|
| SEQUENCE       |          |
| tns:prefixText | s:string |
| tns:count      | s:int    |

### Output (Literal)

The output of this method is the argument PartySearchCompletion\_GetPartyGuestsResponse having the structure defined by the following table.

| Element  | Type              |
|--|-------------------|
| SEQUENCE                                       |                   |
| tns:PartySearchCompletion_GetPartyGuestsResult | tns:ArrayOfString |

## Method: PartySearchCompletion\_GetPartyHostess

### Description

This executes a custom procedure which will search for particular parties based on the search string and return the party hostesses. This must be setup prior to calling. Please contact the account manager for further details.

### Input (Literal)

The input of this method is the argument PartySearchCompletion\_GetPartyHostess having the structure defined by the following table.

| Element        | Type     |
|----------------|----------|
| SEQUENCE       |          |
| tns:prefixText | s:string |
| tns:count      | s:int    |

### Output (Literal)

The output of this method is the argument PartySearchCompletion\_GetPartyHostessResponse having the structure defined by the following table.

| Element   | Type              |
|---|-------------------|
| SEQUENCE  |                   |
| tns:PartySearchCompletion_GetPartyHostessResult | tns:ArrayOfString |

## Method: PartySearchCompletion\_GetPartyIds

### Description

This executes a custom procedure which will search for particular parties based on the search string and return the party ids. This must be setup prior to calling. Please contact the account manager for further details.

### Input (Literal)

The input of this method is the argument PartySearchCompletion\_GetPartyIds having the structure defined by the following table.

| Element        | Type     |
|----------------|----------|
| SEQUENCE       |          |
| tns:prefixText | s:string |
| tns:count      | s:int    |

### Output (Literal)

The output of this method is the argument PartySearchCompletion\_GetPartyIdsResponse having the structure defined by the following table.

| Element                                     | Type              |
|---|-------------------|
| SEQUENCE                                    |                   |
| tns:PartySearchCompletion_GetPartyIdsResult | tns:ArrayOfString |


## Method: Payment\_ACH

### Description

This method allows one to submit an ACH payment for a given online order id and ACH payment information.


### Input (Literal)

The input of this method is the argument Payment\_ACH having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:Credentials  | tns:Credentials     |
| tns:OnlineOrderID  | s:int               |
| tns:PaymentInfo  | tns:PaymentInfo_ACH |

### Output (Literal)

The output of this method is the argument Payment\_ACHResponse having the structure defined by the following table.

| Element  | Type  |
|--|-------|
|  SEQUENCE |       |
| tns:Payment_ACHResult  | s:int |


## Method: Payment\_ACH\_International

### Description

This allows a user to input values that would be expected on an international ACH payment. Not all values need to be used depending on the international setup. If a routing number is left blank, the value '000000000' will be used. This is what most banks expect in each particular output file if no routing number is used.


### Input (Literal)

The input of this method is the argument Payment\_ACH\_International having the structure defined by the following table.

| Element  | Type                   |
|--|------------------------|
|  SEQUENCE |                        |
| tns:Credentials  | tns:Credentials        |
| tns:OnlineOrderID  | s:int                  |
| tns:PaymentInfo  | tns:PaymentInfo_ACH_V2 |

### Output (Literal)

The output of this method is the argument Payment\_ACH\_InternationalResponse having the structure defined by the following table.

| Element  | Type  |
|--|-------|
|  SEQUENCE |       |
| tns:Payment_ACH_InternationalResult  | s:int |




## Method: Payment\_BankDeposit

### Description

This method allows one to enter a bank payment for a given online order id.


### Input (Literal)

The input of this method is the argument Payment\_BankDeposit having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OnlineOrderID  | s:int           |
| tns:Amount   | s:decimal       |
| tns:ReferenceNumber  | s:string        |

### Output (Literal)

The output of this method is the argument Payment\_BankDepositResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:Payment_BankDepositResult  | tns:GenericResponse |


## Method: Payment\_Cash

### Description

This method allows one to define a cash payment for a given online order id.


### Input (Literal)

The input of this method is the argument Payment\_Cash having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OnlineOrderID  | s:int           |
| tns:Amount   | s:decimal       |

### Output (Literal)

The output of this method is the argument Payment\_CashResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:Payment_CashResult   | tns:GenericResponse |


## Method: Payment\_CheckDraft

### Description

This method allows one to submit a check draft payment for a given online order id and check draft information.


### Input (Literal)

The input of this method is the argument Payment\_CheckDraft having the structure defined by the following table.

| Element  | Type                       |
|--|----------------------------|
|  SEQUENCE |                            |
| tns:Credentials  | tns:Credentials            |
| tns:OnlineOrderID  | s:int                      |
| tns:PaymentInfo  | tns:PaymentInfo_CheckDraft |

### Output (Literal)

The output of this method is the argument Payment\_CheckDraftResponse having the structure defined by the following table.

| Element   | Type  |
|---|-------|
|  SEQUENCE |       |
| tns:Payment_CheckDraftResult  | s:int |

## Method: Payment\_CreditCard

### Description

This method allows one to add a payment for a given online order id. Note: If testing is true, the payment will be added, but no transaction will be made with the processor. As long as the card passes the MOD2 test, the payment will transact successfully.

### Input (Literal)

The input of this method is the argument Payment\_CreditCard having the structure defined by the following table.

| Element           | Type               |
|-------------------|--------------------|
| SEQUENCE          |                    |
| tns:Credentials   | tns:Credentials    |
| tns:TestMode      | s:int              |
| tns:OnlineOrderID | s:int              |
| tns:PaymentInfo   | tns:PaymentInfo_CC |

### Output (Literal)

The output of this method is the argument Payment\_CreditCardResponse having the structure defined by the following table.

| Element                      | Type                      |
|------------------------------|---------------------------|
| SEQUENCE                     |                           |
| tns:Payment_CreditCardResult | tns:PaymentInfo_CC_Return |

## Method: Payment\_CreditCard\_Transaction\_Info

### Description

Allows entry of credit card information for a credit card transaction that has already been completed.

### Input (Literal)

The input of this method is the argument Payment\_CreditCard\_Transaction\_Info having the structure defined by the following table.

| Element                 | Type            |
|-------------------------|-----------------|
| SEQUENCE                |                 |
| tns:Credentials         | tns:Credentials |
| tns:OnlineOrderID       | s:int           |
| tns:CreditCardProcessor | s:string        |
| tns:Amount              | s:decimal       |
| tns:CreditCardLast4     | s:string        |
| tns:ExpDate             | s:string        |
| tns:TransactionID       | s:string        |
| tns:AuthorizationCode   | s:string        |
| tns:CurrencyTypeID      | s:int           |

### Output (Literal)

The output of this method is the argument Payment\_CreditCard\_Transaction\_InfoResponse having the structure defined by the following table.

| Element                                       | Type                |
|---|---------------------|
| SEQUENCE                                      |                     |
| tns:Payment_CreditCard_Transaction_InfoResult | tns:GenericResponse |

## Method: Payment\_CreditCard\_v2

### Description

This method allows one to submit a credit card payment for a given online order id and credit card information. Note: TestMode submits the payment only to be saved, no transaction with the payment processor is made. As long as the card # passes the credit card validation, the payment will submit correctly.

### Input (Literal)

The input of this method is the argument Payment\_CreditCard\_v2 having the structure defined by the following table.

| Element           | Type                  |
|-------------------|-----------------------|
| SEQUENCE          |                       |
| tns:Credentials   | tns:Credentials       |
| tns:TestMode      | s:int                 |
| tns:OnlineOrderID | s:int                 |
| tns:PaymentInfo   | tns:PaymentInfo_CC_v2 |

### Output (Literal)

The output of this method is the argument Payment\_CreditCard\_v2Response having the structure defined by the following table.

| Element                         | Type                      |
|---------------------------------|---------------------------|
| SEQUENCE                        |                           |
| tns:Payment_CreditCard_v2Result | tns:PaymentInfo_CC_Return |

## Method: Payment\_CreditCard\_v2\_Master

### Description

This method allows one to submit a credit card payment for a given master order id and credit card information. Note: In test mode, no transaction is made with the credit card processor. As long as the card is valid, the payment will submit successfully.

### Input (Literal)

The input of this method is the argument Payment\_CreditCard\_v2\_Master having the structure defined by the following table.

| Element           | Type                  |
|-------------------|-----------------------|
| SEQUENCE          |                       |
| tns:Credentials   | tns:Credentials       |
| tns:TestMode      | s:int                 |
| tns:MasterOrderID | s:int                 |
| tns:PaymentInfo   | tns:PaymentInfo_CC_v2 |

### Output (Literal)

The output of this method is the argument Payment\_CreditCard\_v2\_MasterResponse having the structure defined by the following table.

| Element                                | Type                      |
|--|---------------------------|
| SEQUENCE                               |                           |
| tns:Payment_CreditCard_v2_MasterResult | tns:PaymentInfo_CC_Return |


## Method: Payment\_Custom

### Description

This method allows one to make a custom payment for a given online order id. This method should only be used when instructed by ByDesign as one will need a custom PaymentType string in order to transact the payment correctly.


### Input (Literal)

The input of this method is the argument Payment\_Custom having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OnlineOrderID  | s:int           |
| tns:Amount   | s:decimal       |
| tns:PaymentType  | s:string        |

### Output (Literal)

The output of this method is the argument Payment\_CustomResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:Payment_CustomResult   | tns:GenericResponse |




## Method: Payment\_DebitCard

### Description

Allows for payments by Debit Card through API


### Input (Literal)

The input of this method is the argument Payment\_DebitCard having the structure defined by the following table.

| Element  | Type                 |
|--|----------------------|
|  SEQUENCE |                      |
| tns:Credentials  | tns:Credentials      |
| tns:TestMode   | s:int                |
| tns:OnlineOrderID  | s:int                |
| tns:PaymentInfo  | tns:DebitCardRequest |

### Output (Literal)

The output of this method is the argument Payment\_DebitCardResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:Payment_DebitCardResult  | tns:GenericResponse |


## Method: Payment\_Realtime\_ECheck

### Description

This executes realtime ECheck processing using the primary echeck account as defined in back office.


### Input (Literal)

The input of this method is the argument Payment\_Realtime\_ECheck having the structure defined by the following table.

| Element  | Type                       |
|--|----------------------------|
|  SEQUENCE |                            |
| tns:Credentials  | tns:Credentials            |
| tns:TestMode   | s:int                      |
| tns:SubjectTypeID  | s:int                      |
| tns:OnlineOrderID  | s:int                      |
| tns:PaymentInfo  | tns:PaymentInfo_CheckDraft |

### Output (Literal)

The output of this method is the argument Payment\_Realtime\_ECheckResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:Payment_Realtime_ECheckResult  | tns:GenericResponse |


## Method: Payment\_Tokenized

### Description

This method allows a recurring payment processing for Tokenized Payments.


### Input (Literal)

The input of this method is the argument Payment\_Tokenized having the structure defined by the following table.

| Element  | Type                      |
|--|---------------------------|
|  SEQUENCE |                           |
| tns:Credentials  | tns:Credentials           |
| tns:TestMode   | s:int                     |
| tns:OnlineOrderID  | s:int                     |
| tns:PaymentInfo  | tns:Tokenized_PaymentInfo |

### Output (Literal)

The output of this method is the argument Payment\_TokenizedResponse having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| tns:Payment_TokenizedResult  | tns:Payment_Tokenized_Return |

## Method: Payment\_TokenizedRequest\_Adyen

### Description

This method will return the parameters needed to build the redirection form for Adyen hosted payment pages. For using this method, a tokenized payment account using Adyen as tokenized payment processor is required to be configured. If the TokenizedPaymentAccountID input parameter is NOT sent, this method will use the entered online order # for assigning the correct tokenized payment account based on the online order territory. Contact ByDesign Support for the correct payment details to use based on the tokenized processor configured in Freedom.

### Input (Literal)

The input of this method is the argument Payment\_TokenizedRequest\_Adyen having the structure defined by the following table.

| Element                       | Type            |
|-------------------------------|-----------------|
| SEQUENCE                      |                 |
| tns:Credentials               | tns:Credentials |
| tns:OnlineOrderID             | s:int           |
| tns:LocaleID                  | s:int           |
| tns:TokenizedPaymentAccountID | s:int           |

### Output (Literal)

The output of this method is the argument Payment\_TokenizedRequest\_AdyenResponse having the structure defined by the following table.

| Element                                  | Type   |
|--|--|
| SEQUENCE                                 |  |
| tns:Payment_TokenizedRequest_AdyenResult | tns:TokenizedPaymentRequestFormAdyenResponse |

## Method: Payment\_TokenizedRequest\_Cybersource

### Description

This method will return the parameters needed to build the redirection form for CyberSource Secure Acceptance Web/Mobile. For using this method, a tokenized payment account using Cybersource as tokenized payment processor is required to be configured. If the TokenizedPaymentAccountID input parameter is NOT sent, this method will use the entered online order # for assigning the correct tokenized payment account based on the online order territory. Contact ByDesign Support for the correct payment details to use based on the tokenized processor configured in Freedom.

### Input (Literal)

The input of this method is the argument Payment\_TokenizedRequest\_Cybersource having the structure defined by the following table.

| Element         | Type   |
|-----------------|--|
| SEQUENCE        |  |
| tns:Credentials | tns:Credentials                                |
| tns:Request     | tns:PaymentTokenizedRequestCybersource_Request |

### Output (Literal)

The output of this method is the argument Payment\_TokenizedRequest\_CybersourceResponse having the structure defined by the following table.

| Element  | Type  |
|--|---|
| SEQUENCE                                       |   |
| tns:Payment_TokenizedRequest_CybersourceResult | tns:PaymentTokenizedRequestCybersource_Response |

## Method: Payment\_TokenizedStore

### Description

This method allows adding a tokenized payment to an online order. Unlike Payment\_Tokenized method, this one only stores the payment information into the online order without processing a new recurring payment from Freedom to the tokenized processor. Use this method when you generated a payment using a tokenized processor in your own shopping cart and you want to store the payment authorization to the online order. For using this method you will need to configure a tokenized payment account. If the TokenizedPaymentAccountID input parameter is NOT set, this method will use the entered online order # for assigning the correct tokenized payment account based on the online order territory. Contact ByDesign Support to know the correct payment details to use based on the tokenized processor configured in Freedom.

### Input (Literal)

The input of this method is the argument Payment\_TokenizedStore having the structure defined by the following table.

| Element                       | Type                      |
|-------------------------------|---------------------------|
| SEQUENCE                      |                           |
| tns:Credentials               | tns:Credentials           |
| tns:OnlineOrderID             | s:int                     |
| tns:PaymentInfo               | tns:Tokenized_PaymentInfo |
| tns:TokenizedPaymentAccountID | s:int                     |

### Output (Literal)

The output of this method is the argument Payment\_TokenizedStoreResponse having the structure defined by the following table.

| Element                          | Type                |
|----------------------------------|---------------------|
| SEQUENCE                         |                     |
| tns:Payment_TokenizedStoreResult | tns:GenericResponse |

## Method: Payment\_TokenizedVerifyResponse\_Adyen

### Description

This method will verify the integrity of the information being returned, as a result of a payment request/result of Adyen Hosted Payment Pages. If OnlineAPI:Payment\_TokenizedRequest method is used to generate the redirection parameter needed to connect to Adyen Hosted Payment Pages, a payment result from Adyen is received. This method is used to verify these Payment Result parameters when the shopper returns to their original site. Freedom will use the HMAC algorithm along with the HMAC secret key to calculate the correct signature of the input parameters and will compare the result with MerchantSig input parameter. If those values match, this method will return a success response. If a mismatch is detected in these values, this method will return a HMAC\_VALIDATION\_FAILED message. If the TokenizedPaymentAccountID input parameter is NOT set, this method will use the entered online order # for assigning the correct tokenized payment account based on the Online Order Territory.

### Input (Literal)

The input of this method is the argument Payment\_TokenizedVerifyResponse\_Adyen having the structure defined by the following table.

| Element                       | Type                       |
|-------------------------------|----------------------------|
| SEQUENCE                      |                            |
| tns:Credentials               | tns:Credentials            |
| tns:OnlineOrderID             | s:int                      |
| tns:PaymentResultInfo         | tns:AdyenPaymentResultInfo |
| tns:TokenizedPaymentAccountID | s:int                      |

### Output (Literal)

The output of this method is the argument Payment\_TokenizedVerifyResponse\_AdyenResponse having the structure defined by the following table.

| Element   | Type                |
|---|---------------------|
| SEQUENCE  |                     |
| tns:Payment_TokenizedVerifyResponse_AdyenResult | tns:GenericResponse |

## Method: Payment\_TokenizedVerifyResponse\_Adyen\_V2

### Description

This method will verify the integrity of the information being returned, as a result of a payment request/result of Adyen Hosted Payment Pages. In this version Freedom will use the HMAC-256 algorithm (Payment\_TokenizedVerifyResponse\_Adyen method uses HMAC-SHA1) along with the HMAC secret key to calculate the correct signature of the SignatureString input parameter and will compare the result with MerchantSig input parameter. If those values match, this method will return a success response. If a mismatch is detected in these values, this method will return a HMAC\_VALIDATION\_FAILED message. If the TokenizedPaymentAccountID input parameter is NOT set, this method will use the entered online order # for assigning the correct tokenized payment account based on the Online Order Territory.

MerchantSignatureString parameter must follow Adyen's specification which is: Remove the following keys, as they are not used in the signature: a) sig b) merchantSig c) Any keys whose name starts with ignore. (dot included). Concatenate the key names, first; then, the key values. Use a colon (":") to delimit key names and key values. Escape embedded "\" characters as "\\", and embedded ":" as "\:".

### Input (Literal)

The input of this method is the argument Payment\_TokenizedVerifyResponse\_Adyen\_V2 having the structure defined by the following table.

| Element         | Type   |
|-----------------|--|
| SEQUENCE        |  |
| tns:Credentials | tns:Credentials                                    |
| tns:Request     | tns:PaymentTokenizedVerifyResponseAdyen_V2_Request |

### Output (Literal)

The output of this method is the argument Payment\_TokenizedVerifyResponse\_Adyen\_V2Response having the structure defined by the following table.

| Element   | Type                |
|---|---------------------|
| SEQUENCE  |                     |
| tns:Payment_TokenizedVerifyResponse_Adyen_V2 Result | tns:GenericResponse |



## Method: Payment\_TokenizedVerifyResponse\_Cybersource

### Description

This method will verify the integrity of the information being returned, as a result of a payment request/result of Cybersource hosted payment pages. If OnlineAPI:Payment\_TokenizedRequest\_Cybersource method is used to generate the redirection parameter needed to connect to Cybersource hosted payment pages, a payment result from Cybersource is received. This method is used to verify these Payment Result parameters when the shopper returns to their original site. Freedom will use the HMAC algorithm along with the Secret key to calculate the correct signature of the input parameters and will compare the result with Signature input parameter. If those values match, this method will return a success response. If a mismatch is detected in these values, this method will return a HMAC\_VALIDATION\_FAILED message. If the TokenizedPaymentAccontID input parameter is NOT set, this method will use the entered online order # for assigning the correct tokenized payment account based on the Online Order Territory.

### Input (Literal)

The input of this method is the argument Payment\_TokenizedVerifyResponse\_Cybersource having the structure defined by the following table.

| Element         | Type  |
|-----------------|---|
| SEQUENCE        |   |
| tns:Credentials | tns:Credentials                                       |
| tns:Request     | tns:PaymentTokenizedVerifyResponseCybersource_Request |

### Output (Literal)

The output of this method is the argument Payment\_TokenizedVerifyResponse\_CybersourceResponse having the structure defined by the following table.

| Element   | Type                |
|---|---------------------|
| SEQUENCE  |                     |
| tns:Payment_TokenizedVerifyResponse_CybersourceResult | tns:GenericResponse |

## Method: ProcessGiftCard

### Description

For a given Online Order ID, one can transact a gift card payment using the GiftCardTransactionRequest request object.

### Input (Literal)

The input of this method is the argument ProcessGiftCard having the structure defined by the following table.

| Element     | Type                           |
|-------------|--------------------------------|
| SEQUENCE    |                                |
| tns:Request | tns:GiftCardTransactionRequest |

### Output (Literal)

The output of this method is the argument ProcessGiftCardResponse having the structure defined by the following table.

| Element                   | Type                            |
|---------------------------|---------------------------------|
| SEQUENCE                  |                                 |
| tns:ProcessGiftCardResult | tns:GiftCardTransactionResponse |

## Method: SeamlessExtranetLoginCustomer

### Description

For a given CustomerID and IPAddress, this method will return a GUID to be used to allow for a seamless authentication between multiple systems. This guid can be used in Freedom's Extranet via the login page to allow a seamless login. Simply use this guid in the query string in the link (like /Shopping/cartPassThru.asp?guid={GUID}) to log the representative in seamlessly.

### Input (Literal)

The input of this method is the argument SeamlessExtranetLoginCustomer having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:CustomerID  | s:string        |
| tns:Credentials | tns:Credentials |
| tns:IPAddress   | s:string        |

### Output (Literal)

The output of this method is the argument SeamlessExtranetLoginCustomerResponse having the structure defined by the following table.

| Element                                 | Type                   |
|---|------------------------|
| SEQUENCE                                |                        |
| tns:SeamlessExtranetLoginCustomerResult | tns:AuthenticationInfo |


## Method: SeamlessExtranetLoginRep

### Description

For a given RepDID and IPAddress, this method will return a GUID to be used to allow for a seamless authentication between multiple systems. This guid can be used in Freedom's Extranet via the login page to allow a seamless login. Simply use this guid in the query string in the link (like /login.aspx?Guid={GUID}) to log the representative in seamlessly.


### Input (Literal)

The input of this method is the argument SeamlessExtranetLoginRep having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:RepID  | s:string        |
| tns:Credentials  | tns:Credentials |
| tns:IPAddress  | s:string        |

### Output (Literal)

The output of this method is the argument SeamlessExtranetLoginRepResponse having the structure defined by the following table.

| Element  | Type                   |
|--|------------------------|
|  SEQUENCE |                        |
| tns:SeamlessExtranetLoginRepResult   | tns:AuthenticationInfo |


## Method: SendCustomerPasswordReset

### Description

This function allows one to send a reset password email to a customer.


### Input (Literal)

The input of this method is the argument SendCustomerPasswordReset having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:EmailAddress   | s:string        |

### Output (Literal)

The output of this method is the argument SendCustomerPasswordResetResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:SendCustomerPasswordResetResult  | tns:GenericResponse |

## Method: SetCoApplicant

### Description

This method allows one to setup a co-applicant for an online signup (new rep). The information specified is then applied to the online signup record given with the co-applicant information.

### Input (Literal)

The input of this method is the argument SetCoApplicant having the structure defined by the following table.

| Element                | Type                   |
|------------------------|------------------------|
| SEQUENCE               |                        |
| tns:Credentials        | tns:Credentials        |
| tns:CoApplicantRequest | tns:CoApplicantRequest |

### Output (Literal)

The output of this method is the argument SetCoApplicantResponse having the structure defined by the following table.

| Element                  | Type                |
|--------------------------|---------------------|
| SEQUENCE                 |                     |
| tns:SetCoApplicantResult | tns:GenericResponse |


## Method: SetCustomerType

### Description

Sets a customer to the specified type. For a list of types, please use the webmethod GetCustomerTypes.


### Input (Literal)

The input of this method is the argument SetCustomerType having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:CustomerID   | s:string        |
| tns:CustomerTypeID   | s:int           |

### Output (Literal)

The output of this method is the argument SetCustomerTypeResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:SetCustomerTypeResult  | tns:GenericResponse |


## Method: SetMiscFieldValue

### Description

This method will return the value of a misc field.


### Input (Literal)

The input of this method is the argument SetMiscFieldValue having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:miscFieldID  | s:int           |
| tns:entityID   | s:int           |
| tns:miscFieldValue   | s:string        |

### Output (Literal)

The output of this method is the argument SetMiscFieldValueResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:SetMiscFieldValueResult  | tns:GenericResponse |



## Method: SetSignupPlacement

### Description

This method allows one to specify a particular placement for a new online signup (new rep). One can specify the rep number and the BCposition. Depending on the Genealogy of the client one is using, this can values such as 'L' or 'R' or '1','2','3','4' etc. One may need to contact ByDesign in order to find which BCPosition values are accepted for the client one is programming for.

### Input (Literal)

The input of this method is the argument SetSignupPlacement having the structure defined by the following table.

| Element                 | Type                    |
|-------------------------|-------------------------|
| SEQUENCE                |                         |
| tns:Credentials         | tns:Credentials         |
| tns:SetPlacementRequest | tns:SetPlacementRequest |

### Output (Literal)

The output of this method is the argument SetSignupPlacementResponse having the structure defined by the following table.

| Element                      | Type                |
|------------------------------|---------------------|
| SEQUENCE                     |                     |
| tns:SetSignupPlacementResult | tns:GenericResponse |

## Method: TranscardSignup

### Description

Updates a Reps payout profile with the given TransCard information

### Input (Literal)

The input of this method is the argument TranscardSignup having the structure defined by the following table.

| Element         | Type     |
|-----------------|----------|
| SEQUENCE        |          |
| tns:RepDID      | s:string |
| tns:AdminNumber | s:string |

### Output (Literal)

The output of this method is the argument TranscardSignupResponse having the structure defined by the following table.

| Element                   | Type                |
|---------------------------|---------------------|
| SEQUENCE                  |                     |
| tns:TranscardSignupResult | tns:GenericResponse |


## Method: UpdateAttributes

### Description

To post a static, non-critical note without any category or type selections in the Freedom Back office profile page of a rep or customer


### Input (Literal)

The input of this method is the argument UpdateAttributes having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:TargetID   | s:string        |
| tns:ProgrammingKey   | s:string        |
| tns:AttributeValue   | s:string        |
| tns:AttributeNotes   | s:string        |

### Output (Literal)

The output of this method is the argument UpdateAttributesResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateAttributesResult   | tns:GenericResponse |


## Method: UpdateCustomerInfo

### Description

This method allows one to update a customer's information. Note: Only the properties which are instantiated will be updated.


### Input (Literal)

The input of this method is the argument UpdateCustomerInfo having the structure defined by the following table.

| Element  | Type                   |
|--|------------------------|
|  SEQUENCE |                        |
| tns:Credentials  | tns:Credentials        |
| tns:CustomerInfo   | tns:UpdateCustomerInfo |
| tns:CustomerID   | s:string               |

### Output (Literal)

The output of this method is the argument UpdateCustomerInfoResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateCustomerInfoResult   | tns:GenericResponse |


## Method: UpdateCustomerInfo\_v2

### Description

A version of UpdateCustomerInfo() that also accepts the PreferredCulture.


### Input (Literal)

The input of this method is the argument UpdateCustomerInfo\_v2 having the structure defined by the following table.

| Element  | Type                      |
|--|---------------------------|
|  SEQUENCE |                           |
| tns:Credentials  | tns:Credentials           |
| tns:CustomerInfo   | tns:UpdateCustomerInfo_v2 |
| tns:CustomerID   | s:string                  |

### Output (Literal)

The output of this method is the argument UpdateCustomerInfo\_v2Response having the structure defined by the following table.

| Element   | Type                |
|---|---------------------|
|  SEQUENCE |                     |
| tns:UpdateCustomerInfo_v2Result   | tns:GenericResponse |


## Method: UpdateCustomerInfoWithShipping

### Description

This method allows one to update a customer's information while also updating the default shipping information as well.


### Input (Literal)

The input of this method is the argument UpdateCustomerInfoWithShipping having the structure defined by the following table.

| Element  | Type                               |
|--|------------------------------------|
|  SEQUENCE |                                    |
| tns:Credentials  | tns:Credentials                    |
| tns:CustomerInfo   | tns:UpdateCustomerInfoWithShipping |
| tns:CustomerNumber   | s:string                           |

### Output (Literal)

The output of this method is the argument UpdateCustomerInfoWithShippingResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateCustomerInfoWithShippingResult   | tns:GenericResponse |


## Method: UpdateCustomerPassword

### Description

Use this API for storing the new password set by a customer. In order to validate the customer request of updating his password we will request the Customer # and the PasswordResetKey recently generated by the customer.


### Input (Literal)

The input of this method is the argument UpdateCustomerPassword having the structure defined by the following table.

| Element  | Type                              |
|--|-----------------------------------|
|  SEQUENCE |                                   |
| tns:Credentials  | tns:Credentials                   |
| tns:Request  | tns:UpdateCustomerPasswordRequest |

### Output (Literal)

The output of this method is the argument UpdateCustomerPasswordResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateCustomerPasswordResult   | tns:GenericResponse |


## Method: UpdateCustomPayoutMethodDetailsForRepDID

### Description

This method allows one to update the information for a custom payout method. See the method GetCustomPayoutMethodDetailsForRepDID in order to retrieve the detail specifications for a particular payout method ID.


### Input (Literal)

The input of this method is the argument UpdateCustomPayoutMethodDetailsForRepDID having the structure defined by the following table.

| Element  | Type                          |
|--|-------------------------------|
|  SEQUENCE |                               |
| tns:Credentials  | tns:Credentials               |
| tns:CustomPayoutMethodDetail   | tns:CustomPayoutMethodDetails |

### Output (Literal)

The output of this method is the argument UpdateCustomPayoutMethodDetailsForRepDIDResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateCustomPayoutMethodDetailsForRepDID Result  | tns:GenericResponse |




## Method: UpdateOnlineCustomer

### Description

For a given OnlineCustomerID, this method will update online customer information. Only populated input fields will be updated.


### Input (Literal)

The input of this method is the argument UpdateOnlineCustomer having the structure defined by the following table.

| Element  | Type                            |
|--|---------------------------------|
|  SEQUENCE |                                 |
| tns:Credentials  | tns:Credentials                 |
| tns:Request  | tns:UpdateOnlineCustomerRequest |

### Output (Literal)

The output of this method is the argument UpdateOnlineCustomerResponse having the structure defined by the following table.

| Element   | Type                           |
|---|--------------------------------|
|  SEQUENCE |                                |
| tns:UpdateOnlineCustomerResult  | tns:UpdateOnlineCustomerResult |


## Method: UpdateOnlineOrderAddress

### Description

This method allows one to update the addresses associated with an online order.


### Input (Literal)

The input of this method is the argument UpdateOnlineOrderAddress having the structure defined by the following table.

| Element  | Type             |
|--|------------------|
|  SEQUENCE |                  |
| tns:Credentials  | tns:Credentials  |
| tns:OnlineOrderID  | s:int            |
| tns:Address  | tns:Address      |
| tns:AddressType  | tns:AddressTypes |

### Output (Literal)

The output of this method is the argument UpdateOnlineOrderAddressResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateOnlineOrderAddressResult   | tns:GenericResponse |


## Method: UpdateOnlineOrderAddressByProfile

### Description

This method allows one to update an online order's address for a given shipping profile id. Note: One can retrieve the shipping profiles using the method GetShippingProfiles from within the Extranet API.


### Input (Literal)

The input of this method is the argument UpdateOnlineOrderAddressByProfile having the structure defined by the following table.

| Element  | Type             |
|--|------------------|
|  SEQUENCE |                  |
| tns:Credentials  | tns:Credentials  |
| tns:OnlineOrderID  | s:int            |
| tns:ShippingProfileID  | s:int            |
| tns:RepNumber  | s:string         |
| tns:CustomerNumber   | s:string         |
| tns:AddressType  | tns:AddressTypes |

### Output (Literal)

The output of this method is the argument UpdateOnlineOrderAddressByProfileResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateOnlineOrderAddressByProfileResult  | tns:GenericResponse |

## Method: UpdateOnlineSignup

### Description

For a given OnlineSignupID, this method will update online signup information. Only populated input fields will be updated.

### Input (Literal)

The input of this method is the argument UpdateOnlineSignup having the structure defined by the following table.

| Element         | Type                          |
|-----------------|-------------------------------|
| SEQUENCE        |                               |
| tns:Credentials | tns:Credentials               |
| tns:Request     | tns:UpdateOnlineSignupRequest |

### Output (Literal)

The output of this method is the argument UpdateOnlineSignupResponse having the structure defined by the following table.

| Element                      | Type                         |
|------------------------------|------------------------------|
| SEQUENCE                     |                              |
| tns:UpdateOnlineSignupResult | tns:UpdateOnlineSignupResult |

## Method: UpdatePassword

### Description

This method can be used to update a customer or representative password. The ID parameter can be used as the ID of the customer or rep, and the type (0=Rep,1=Customer) can be used to identify the context of the ID. A result of -1 indicates that a password does not meet the minimum requirements.

### Input (Literal)

The input of this method is the argument UpdatePassword having the structure defined by the following table.

| Element             | Type            |
|---------------------|-----------------|
| SEQUENCE            |                 |
| tns:Credentials     | tns:Credentials |
| tns:ID              | s:string        |
| tns:Type            | s:int           |
| tns:CurrentPassword | s:string        |
| tns:NewPassword     | s:string        |

### Output (Literal)

The output of this method is the argument UpdatePasswordResponse having the structure defined by the following table.

| Element                  | Type  |
|--------------------------|-------|
| SEQUENCE                 |       |
| tns:UpdatePasswordResult | s:int |


## Method: UpdateRepInfo

### Description

This function allows one to update a Rep's information. Note: One doesn't always need to include all properties, only the properties instantiated will be updated.


### Input (Literal)

The input of this method is the argument UpdateRepInfo having the structure defined by the following table.

| Element  | Type              |
|--|-------------------|
|  SEQUENCE |                   |
| tns:Credentials  | tns:Credentials   |
| tns:RepInfo  | tns:UpdateRepInfo |
| tns:RepID  | s:string          |

### Output (Literal)

The output of this method is the argument UpdateRepInfoResponse having the structure defined by the following table.

| Element   | Type                |
|---|---------------------|
|  SEQUENCE |                     |
| tns:UpdateRepInfoResult   | tns:GenericResponse |


## Method: UpdateRepInfo\_v2

### Description

This function allows one to update a Rep's information. Note: One doesn't always need to include all properties, only the properties instantiated will be updated.


### Input (Literal)

The input of this method is the argument UpdateRepInfo\_v2 having the structure defined by the following table.

| Element  | Type                 |
|--|----------------------|
|  SEQUENCE |                      |
| tns:Credentials  | tns:Credentials      |
| tns:RepInfo  | tns:UpdateRepInfo_v2 |
| tns:RepNumber  | s:string             |

### Output (Literal)

The output of this method is the argument UpdateRepInfo\_v2Response having the structure defined by the following table.

| Element   | Type                |
|---|---------------------|
|  SEQUENCE |                     |
| tns:UpdateRepInfo_v2Result  | tns:GenericResponse |


## Method: UpdateRepPayoutMethodInfo

### Description

This method allows one to update a representative's payout method information. Note: One should use UpdateRepPayoutMethodInfoV2.


### Input (Literal)

The input of this method is the argument UpdateRepPayoutMethodInfo having the structure defined by the following table.

| Element  | Type                          |
|--|-------------------------------|
|  SEQUENCE |                               |
| tns:Credentials  | tns:Credentials               |
| tns:RepInfo  | tns:UpdateRepPayoutMethodInfo |
| tns:RepDID   | s:string                      |

### Output (Literal)

The output of this method is the argument UpdateRepPayoutMethodInfoResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateRepPayoutMethodInfoResult  | tns:GenericResponse |




## Method: UpdateRepPayoutMethodInfoV2

### Description

This method allows one to update a representative's payout method information. Note: It is usually best to contact the client or ByDesign concerning what payout method type ID should be used as that can change according to the representative's territory in certain client's situations.


### Input (Literal)

The input of this method is the argument UpdateRepPayoutMethodInfoV2 having the structure defined by the following table.

| Element  | Type                            |
|--|---------------------------------|
|  SEQUENCE |                                 |
| tns:Credentials  | tns:Credentials                 |
| tns:RepInfo  | tns:UpdateRepPayoutMethodInfoV2 |
| tns:RepDID   | s:string                        |

### Output (Literal)

The output of this method is the argument UpdateRepPayoutMethodInfoV2Response having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateRepPayoutMethodInfoV2Result  | tns:GenericResponse |

## Method: UpdateRepPrefPlacement

### Description

This method will allow representative's preferred placement to be updated. Note: The placement position context can change depending upon the genealogy type of the client. It is suggested to contact ByDesign concerning the correct placement type to use and how it correlates to the placement during enrollment.

### Input (Literal)

The input of this method is the argument UpdateRepPrefPlacement having the structure defined by the following table.

| Element              | Type                       |
|----------------------|----------------------------|
| SEQUENCE             |                            |
| tns:Credentials      | tns:Credentials            |
| tns:RepPrefPlacement | tns:UpdateRepPrefPlacement |
| tns:RepDID           | s:string                   |

### Output (Literal)

The output of this method is the argument UpdateRepPrefPlacementResponse having the structure defined by the following table.

| Element                          | Type                |
|----------------------------------|---------------------|
| SEQUENCE                         |                     |
| tns:UpdateRepPrefPlacementResult | tns:GenericResponse |


## Method: UpgradeCustomer

### Description

This method will be used to upgrade the customer to a rep, and will transfer all the customer AutoShip Profiles to rep profile, and update rep notes


### Input (Literal)

The input of this method is the argument UpgradeCustomer having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:CustomerID   | s:string        |

### Output (Literal)

The output of this method is the argument UpgradeCustomerResponse having the structure defined by the following table.

| Element  | Type                        |
|--|-----------------------------|
|  SEQUENCE |                             |
| tns:UpgradeCustomerResult  | tns:UpgradeCustomerResponse |

## Method: ValidateCCNumber

### Description

This method will validate a given number against various methods to make sure it matches a legitimate credit card number format.

### Input (Literal)

The input of this method is the argument ValidateCCNumber having the structure defined by the following table.

| Element              | Type            |
|----------------------|-----------------|
| SEQUENCE             |                 |
| tns:Credentials      | tns:Credentials |
| tns:CreditCardNumber | s:string        |

### Output (Literal)

The output of this method is the argument ValidateCCNumberResponse having the structure defined by the following table.

| Element                    | Type      |
|----------------------------|-----------|
| SEQUENCE                   |           |
| tns:ValidateCCNumberResult | s:boolean |

## Method: ValidateEmail

### Description

This method will validate whether a given string is an email or not.

### Input (Literal)

The input of this method is the argument ValidateEmail having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:Email       | s:string        |

### Output (Literal)

The output of this method is the argument ValidateEmailResponse having the structure defined by the following table.

| Element                 | Type  |
|-------------------------|-------|
| SEQUENCE                |       |
| tns:ValidateEmailResult | s:int |

## Method: ValidatePartyID

### Description

For a given numerical ID, this will return whether or not a valid open party exists with that ID. If a party for the given ID exists, a short detail of information concerning the party will be returned.

### Input (Literal)

The input of this method is the argument ValidatePartyID having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:PartyID     | s:int           |

### Output (Literal)

The output of this method is the argument ValidatePartyIDResponse having the structure defined by the following table.

| Element                   | Type                        |
|---------------------------|-----------------------------|
| SEQUENCE                  |                             |
| tns:ValidatePartyIDResult | tns:ValidatePartyIDResponse |


## Method: ValidateRoutingNumber

### Description

This function will validate a routing number (from a banking account) to make sure it matches ABA standards.


### Input (Literal)

The input of this method is the argument ValidateRoutingNumber having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RoutingNumber  | s:string        |

### Output (Literal)

The output of this method is the argument ValidateRoutingNumberResponse having the structure defined by the following table.

| Element  | Type  |
|--|-------|
|  SEQUENCE |       |
| tns:ValidateRoutingNumberResult  | s:int |


## Method: VerifyCustomerNumber

### Description

This method will validate a given customer number to make sure it is in the system.


### Input (Literal)

The input of this method is the argument VerifyCustomerNumber having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:CustomerNumber   | s:string        |

### Output (Literal)

The output of this method is the argument VerifyCustomerNumberResponse having the structure defined by the following table.

| Element  | Type  |
|--|-------|
|  SEQUENCE |       |
| tns:VerifyCustomerNumberResult   | s:int |



## Method: VerifyRepNumber

### Description

This method will validate a given rep number to make sure it exists in the system as well as active.

### Input (Literal)

The input of this method is the argument VerifyRepNumber having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:RepNumber   | s:string        |

### Output (Literal)

The output of this method is the argument VerifyRepNumberResponse having the structure defined by the following table.

| Element                   | Type  |
|---------------------------|-------|
| SEQUENCE                  |       |
| tns:VerifyRepNumberResult | s:int |

# Method: Version

## Description

This method will return the current version of the Online API.

## Input (Literal)

The input of this method is the argument Version that is always empty.

## Output (Literal)

The output of this method is the argument VersionResponse having the structure defined by the following table.

| Element           | Type                |
|-------------------|---------------------|
| SEQUENCE          |                     |
| tns:VersionResult | tns:GenericResponse |


## Method: ZipLookup

### Description

This method allows one to see the accessible cities, states, and counties for a given zip code. This is best used by allowing a user to enter the zip code and then giving drop-down options for city, state, and county.


### Input (Literal)

The input of this method is the argument ZipLookup having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:ZipCode  | s:string        |

### Output (Literal)

The output of this method is the argument ZipLookupResponse having the structure defined by the following table.

| Element  | Type         |
|--|--------------|
|  SEQUENCE |              |
| tns:ZipLookupResult  | tns:ZipBlock |

## Method: ZipLookup\_v2

### Description

This method allows one to see the accessible cities, states, and counties for a given zip code. This is best used by allowing a user to enter the zip code and then giving drop-down options for city, state, and county. Note: The only difference between ZipLookup and ZipLookup\_V2 is the format in which the data is returned.

### Input (Literal)

The input of this method is the argument ZipLookup\_v2 having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:ZipCode     | s:string        |

### Output (Literal)

The output of this method is the argument ZipLookup\_v2Response having the structure defined by the following table.

| Element                | Type                   |
|------------------------|------------------------|
| SEQUENCE               |                        |
| tns:ZipLookup_v2Result | tns:ArrayOfZipBlock_v2 |

## Method: ZipLookup\_v3

### Description

This method allows one to see the accessible cities, states, and counties for a given zip code and country. This is best used by allowing a user to enter the zip code and then giving drop-down options for city, state, and county. Note: The only different between ZipLookup\_V2 and ZipLookup\_V3 is the ability to specify the Country parameter.

### Input (Literal)

The input of this method is the argument ZipLookup\_v3 having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:ZipCode     | s:string        |
| tns:Country     | s:string        |

### Output (Literal)

The output of this method is the argument ZipLookup\_v3Response having the structure defined by the following table.

| Element                | Type                   |
|------------------------|------------------------|
| SEQUENCE               |                        |
| tns:ZipLookup_v3Result | tns:ArrayOfZipBlock_v2 |

## Complex Types: ByDesign Online API

### Complex Types

| Name                                      |
|---|
| tns:AddCreditInput                        |
| tns:AddedItemInfo                         |
| tns:Address                               |
| tns:AdyenBillingAddress                   |
| tns:AdyenDeliveryAddress                  |
| tns:AdyenPaymentResultInfo                |
| tns:AdyenShopper                          |
| tns:ArrayOfAddedItemInfo                  |
| tns:ArrayOfCountryReturn                  |
| tns:ArrayOfCountryStatesRecord            |
| tns:ArrayOfCreditType                     |
| tns:ArrayOfCurrencyType                   |
| tns:ArrayOfCustomPayoutMethodLineItem     |
| tns:ArrayOfCustStatusTypesReturn          |
| tns:ArrayOfGetInventoryReturn             |
| tns:ArrayOfGetInventoryReturn_v2          |
| tns:ArrayOfGetInventoryReturn_v3          |
| tns:ArrayOfGetInventoryReturn_v4          |
| tns:ArrayOfGetInventoryReturn_v5          |
| tns:ArrayOfGetRepPayoutMethodInfoResponse |
| tns:ArrayOfGiftCardAccount                |
| tns:ArrayOfGiftCardField                  |
| tns:ArrayOfInt                            |
| tns:ArrayOfInventoryAdditionalImage       |
| tns:ArrayOfLocaleReturn                   |
| tns:ArrayOfMasterOrders                   |
| tns:ArrayOfMasterOrderTotal               |
| tns:ArrayOfMiscFieldsReturn               |
| tns:ArrayOfOpenInvoiceLine                |
| tns:ArrayOfOrderAutoshipItems             |
| tns:ArrayOfOrderItems                     |
| tns:ArrayOfOrderItems_v2                  |
| tns:ArrayOfPayOutAdjustmentType           |
| tns:ArrayOfPayoutMethods                  |

| Name                                       |
|--|
| tns:ArrayOfPersonalizationResponse         |
| tns:ArrayOfProductInfo                     |
| tns:ArrayOfRankTypes                       |
| tns:ArrayOfRelationshipInformationDetails  |
| tns:ArrayOfRelationshipInformationItems    |
| tns:ArrayOfRepCustomersResponse            |
| tns:ArrayOfRepUplineRecord                 |
| tns:ArrayOfShipMethods                     |
| tns:ArrayOfShipMethods_v2                  |
| tns:ArrayOfShipMethods_v3                  |
| tns:ArrayOfString                          |
| tns:ArrayOfTypesReturn                     |
| tns:ArrayOfWarehouseInfo                   |
| tns:ArrayOfZipBlock_v2                     |
| tns:AuthenticationInfo                     |
| tns:CoApplicantRequest                     |
| tns:CountryReturn                          |
| tns:CountryStatesRecord                    |
| tns:CreateCustomerPasswordResetKeyResponse |
| tns:CreateCustomerPasswordResetKeyResquest |
| tns:CreateManualPayoutAdjustmentResponse   |
| tns:CreateManualPayoutAdjustmentResquest   |
| tns:CreateOnlineOrderV2Response            |
| tns:CreateRepResult                        |
| tns:Credentials                            |
| tns:CreditType                             |
| tns:CurrencyType                           |
| tns:CurrencyTypes                          |
| tns:CustomerInfo                           |
| tns:CustomerInfo_v2                        |
| tns:CustomerInfo_v3                        |
| tns:CustomerInfoRepRank                    |
| tns:CustomerInfoWithShipping               |
| tns:CustomerInfoWithShipping_v2            |
| tns:CustomerInfoWithShipping_v3            |
| tns:CustomerInfoWithShipping_v4            |
| tns:CustomerInput                          |

**Complex Types**

| <b>Name</b>                                       |
|---|
| tns:CustomerReturn                                |
| tns:CustomerStatus                                |
| tns:CustomPayoutMethodDetails                     |
| tns:CustomPayoutMethodLineItem                    |
| tns:CustStatusTypesReturn                         |
| tns:CybersourcePaymentResultInfo                  |
| tns:DebitCardPaymentInformation                   |
| tns:DebitCardRequest                              |
| tns:GenericResponse                               |
| tns:GenericResponseWithID                         |
| tns:GetAvailableCreditsResponse                   |
| tns:GetCountryStatesReturn                        |
| tns:GetCreditTypeReturn                           |
| tns:GetCustomerByGuidResponse                     |
| tns:GetCustomPayoutMethodDetailsForRepDIDResponse |
| tns:GetInventoryResponse_v3                       |
| tns:GetInventoryResponse_v4                       |
| tns:GetInventoryResponse_v5                       |
| tns:GetInventoryReturn                            |
| tns:GetInventoryReturn_v2                         |
| tns:GetInventoryReturn_v3                         |
| tns:GetInventoryReturn_v4                         |
| tns:GetInventoryReturn_v5                         |
| tns:GetOnlineAutoShipResponse                     |
| tns:GetPayOutAdjustmentTypesResponse              |
| tns:GetPersonalizationResponse                    |
| tns:GetRepByGuidResponse                          |
| tns:GetRepCodedUplineInfoResponse                 |
| tns:GetRepInfoResponse                            |
| tns:GetRepInfoResponse_V2                         |
| tns:GetRepInfoResponse_V3                         |
| tns:GetRepPasswordResponse                        |
| tns:GetRepPayoutMethodInfoResponse                |
| tns:GetRepPayoutMethodInfoResponseV2              |
| tns:GetRepPrefPlacementResponse                   |



| Name                                     |
|--|
| tns:GetRepUplineReturn                   |
| tns:GiftCardAccount                      |
| tns:GiftCardField                        |
| tns:GiftCardTransactionRequest           |
| tns:GiftCardTransactionResponse          |
| tns:InventoryAdditionalImage             |
| tns:LocaleReturn                         |
| tns:LocalesByCountry                     |
| tns:LoginReturn_Customer                 |
| tns:LoginReturn_Rep                      |
| tns:MasterOnlineOrders                   |
| tns:MasterOrders                         |
| tns:MasterOrdersCreated                  |
| tns:MasterOrdersResponse                 |
| tns:MasterOrderTotal                     |
| tns:MasterOrderTotals                    |
| tns:MiscFieldsReturn                     |
| tns:MiscFieldValue                       |
| tns:NewOrderReturn                       |
| tns:OnlineCustomerRecord                 |
| tns:OnlineOrderAddItemV2Response         |
| tns:OnlineOrderGetItemsV2Response        |
| tns:OnlineOrderGetShipMethodsResponse_v3 |
| tns:OnlineOrderRecord                    |
| tns:OnlineSignupRecord                   |
| tns:OnlineSignupRecord_v2                |
| tns:OOAddMultipleOrderResponse           |
| tns:OpenInvoiceData                      |
| tns:OpenInvoiceLine                      |
| tns:OrderAutoshipItems                   |
| tns:OrderItems                           |
| tns:OrderItems_v2                        |
| tns:OrderTotals                          |
| tns:PartyInfoReturn                      |
| tns:Payment_Tokenized_Return             |
| tns:PaymentDetails                       |
| tns:PaymentInfo_ACH                      |

**Complex Types**

| Name  |
|---|
| tns:PaymentInfo_ACH_V2                                |
| tns:PaymentInfo_CC                                    |
| tns:PaymentInfo_CC_Return                             |
| tns:PaymentInfo_CC_v2                                 |
| tns:PaymentInfo_CheckDraft                            |
| tns:PaymentTokenizedRequestCybersource_Request        |
| tns:PaymentTokenizedRequestCybersource_Response       |
| tns:PaymentTokenizedVerifyResponseAdyen_V2_Request    |
| tns:PaymentTokenizedVerifyResponseCybersource_Request |
| tns:PayOutAdjustmentType                              |
| tns:PayoutMethods                                     |
| tns:PersonalizationResponse                           |
| tns:ProductInfo                                       |
| tns:ProfileNote                                       |
| tns:RankTypes   |
| tns:RankTypesReturn                                   |
| tns:RelationshipInformation                           |
| tns:RelationshipInformationDetails                    |
| tns:RelationshipInformationItems                      |
| tns:RepCustomersResponse                              |
| tns:RepRank   |
| tns:RepUplineRecord                                   |
| tns:SetPlacementRequest                               |
| tns:ShipMethods                                       |
| tns:ShipMethods_v2                                    |
| tns:ShipMethods_v3                                    |
| tns:Tokenized_PaymentInfo                             |
| tns:TokenizedPaymentRequestFormAdyenResponse          |
| tns:TypesReturn                                       |
| tns:UpdateCustomerInfo                                |
| tns:UpdateCustomerInfo_v2                             |
| tns:UpdateCustomerInfoWithShipping                    |
| tns:UpdateCustomerPasswordRequest                     |
| tns:UpdateOnlineCustomerRequest                       |
| tns:UpdateOnlineCustomerResult                        |

| Name                            |
|---------------------------------|
| tns:UpdateOnlineSignupRequest   |
| tns:UpdateOnlineSignupResult    |
| tns:UpdateRepInfo               |
| tns:UpdateRepInfo_v2            |
| tns:UpdateRepPayoutMethodInfo   |
| tns:UpdateRepPayoutMethodInfoV2 |
| tns:UpdateRepPrefPlacement      |
| tns:UpgradeCustomerResponse     |
| tns:ValidatePartyIDResponse     |
| tns:WarehouseInfo               |
| tns:ZipBlock                    |
| tns:ZipBlock_v2                 |


## Complex Type: tns:AddCreditInput

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RepNumber  | s:string |
| tns:CustomerNumber   | s:string |
| tns:CreditType   | s:int    |
| tns:Amount   | s:double |
| tns:Description  | s:string |

# Complex Type: tns:AddedItemInfo

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component               | Type     |
|-------------------------|----------|
| SEQUENCE                |          |
| tns:OnlineOrderID       | s:int    |
| tns:ProductName         | s:string |
| tns:Quantity            | s:int    |
| tns:OnlineOrderDetailID | s:int    |
| tns:Result              | s:string |


## Complex Type: tns:Address

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Company  | s:string |
| tns:FirstName  | s:string |
| tns:LastName   | s:string |
| tns:Phone  | s:string |
| tns:Email  | s:string |
| tns:Street1  | s:string |
| tns:Street2  | s:string |
| tns:City   | s:string |
| tns:State  | s:string |
| tns:PostalCode   | s:string |
| tns:County   | s:string |
| tns:Country  | s:string |


## Complex Type: tns:AdyenBillingAddress

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Street   | s:string |
| tns:HouseNumberOrName  | s:string |
| tns:City   | s:string |
| tns:PostalCode   | s:string |
| tns:StateOrProvince  | s:string |
| tns:Country  | s:string |
| tns:BillingAddressSig  | s:string |
| tns:BillingAddressType   | s:string |


## Complex Type: tns:AdyenDeliveryAddress

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Street   | s:string |
| tns:HouseNumberOrName  | s:string |
| tns:City   | s:string |
| tns:PostalCode   | s:string |
| tns:StateOrProvince  | s:string |
| tns:Country  | s:string |
| tns:DeliveryAddressSig   | s:string |
| tns:DeliveryAddressType  | s:string |




## Complex Type: tns:AdyenPaymentResultInfo

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:MerchantReference  | s:string |
| tns:SkinCode   | s:string |
| tns:ShopperLocale  | s:string |
| tns:PaymentMethod  | s:string |
| tns:AuthResult   | s:string |
| tns:PspReference   | s:string |
| tns:MerchantReturnData   | s:string |
| tns:MerchantSig  | s:string |


## Complex Type: tns:AdyenShopper

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:FirstName  | s:string |
| tns:Infix  | s:string |
| tns:LastName   | s:string |
| tns:Gender   | s:string |
| tns:DateOfBirthDayOfMonth  | s:string |
| tns:DateOfBirthMonth   | s:string |
| tns:DateOfBirthYear  | s:string |
| tns:TelephoneNumber  | s:string |
| tns:ShopperType  | s:string |
| tns:ShopperSig   | s:string |

# Complex Type: tns:ArrayOfAddedItemInfo

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component         | Type              |
|-------------------|-------------------|
| SEQUENCE          |                   |
| tns:AddedItemInfo | tns:AddedItemInfo |


## Complex Type: tns:ArrayOfCountryReturn

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type              |
|--|-------------------|
|  SEQUENCE |                   |
| tns:CountryReturn  | tns:CountryReturn |


## Complex Type: tns:ArrayOfCountryStatesRecord

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                    |
|--|-------------------------|
|  SEQUENCE |                         |
| tns:CountryStatesRecord  | tns:CountryStatesRecord |


# Complex Type: tns:ArrayOfCreditType

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type           |
|--|----------------|
|  SEQUENCE |                |
| tns:CreditType   | tns:CreditType |


## Complex Type: tns:ArrayOfCurrencyType

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type             |
|--|------------------|
|  SEQUENCE |                  |
| tns:CurrencyType   | tns:CurrencyType |

# Complex Type: tns:ArrayOfCustomPayoutMethodLineItem

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component                      | Type                           |
|--------------------------------|--------------------------------|
| SEQUENCE                       |                                |
| tns:CustomPayoutMethodLineItem | tns:CustomPayoutMethodLineItem |



# Complex Type: tns:ArrayOfCustStatusTypesReturn

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component                 | Type                      |
|---------------------------|---------------------------|
| SEQUENCE                  |                           |
| tns:CustStatusTypesReturn | tns:CustStatusTypesReturn |


# Complex Type: tns:ArrayOfGetInventoryReturn

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type                   |
|--|------------------------|
|  SEQUENCE |                        |
| tns:GetInventoryReturn   | tns:GetInventoryReturn |


## Complex Type: tns:ArrayOfGetInventoryReturn\_v2

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                      |
|--|---------------------------|
|  SEQUENCE |                           |
| tns:GetInventoryReturn_v2  | tns:GetInventoryReturn_v2 |

# Complex Type: tns:ArrayOfGetInventoryReturn\_v3

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component                 | Type                      |
|---------------------------|---------------------------|
| SEQUENCE                  |                           |
| tns:GetInventoryReturn_v3 | tns:GetInventoryReturn_v3 |


## Complex Type: tns:ArrayOfGetInventoryReturn\_v4

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                      |
|--|---------------------------|
|  SEQUENCE |                           |
| tns:GetInventoryReturn_v4  | tns:GetInventoryReturn_v4 |

# Complex Type: tns:ArrayOfGetInventoryReturn\_v5

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component                 | Type                      |
|---------------------------|---------------------------|
| SEQUENCE                  |                           |
| tns:GetInventoryReturn_v5 | tns:GetInventoryReturn_v5 |


## Complex Type: tns:ArrayOfGetRepPayoutMethodInfoResponse

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                               |
|--|------------------------------------|
|  SEQUENCE |                                    |
| tns:GetRepPayoutMethodInfoResponse   | tns:GetRepPayoutMethodInfoResponse |


## Complex Type: tns:ArrayOfGiftCardAccount

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:GiftCardAccount  | tns:GiftCardAccount |



# Complex Type: tns:ArrayOfGiftCardField

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component         | Type              |
|-------------------|-------------------|
| SEQUENCE          |                   |
| tns:GiftCardField | tns:GiftCardField |


## Complex Type: tns:ArrayOfInt

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type  |
|--|-------|
|  SEQUENCE |       |
| tns:int  | s:int |


# Complex Type: tns:ArrayOfInventoryAdditionalImage

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| tns:InventoryAdditionalImage   | tns:InventoryAdditionalImage |


## Complex Type: tns:ArrayOfLocaleReturn

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type             |
|--|------------------|
|  SEQUENCE |                  |
| tns:LocaleReturn   | tns:LocaleReturn |


## Complex Type: tns:ArrayOfMasterOrders

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type             |
|--|------------------|
|  SEQUENCE |                  |
| tns:MasterOrders   | tns:MasterOrders |


## Complex Type: tns:ArrayOfMasterOrderTotal

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                 |
|--|----------------------|
|  SEQUENCE |                      |
| tns:MasterOrderTotal   | tns:MasterOrderTotal |

# Complex Type: tns:ArrayOfMiscFieldsReturn

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component            | Type                 |
|----------------------|----------------------|
| SEQUENCE             |                      |
| tns:MiscFieldsReturn | tns:MiscFieldsReturn |


## Complex Type: tns:ArrayOfOpenInvoiceLine

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:OpenInvoiceLine  | tns:OpenInvoiceLine |



# Complex Type: tns:ArrayOfOrderAutoshipItems

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component              | Type                   |
|------------------------|------------------------|
| SEQUENCE               |                        |
| tns:OrderAutoshipItems | tns:OrderAutoshipItems |


## Complex Type: tns:ArrayOfOrderItems

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type           |
|--|----------------|
|  SEQUENCE |                |
| tns:OrderItems   | tns:OrderItems |


## Complex Type: tns:ArrayOfOrderItems\_v2

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type              |
|--|-------------------|
|  SEQUENCE |                   |
| tns:OrderItems_v2  | tns:OrderItems_v2 |


# Complex Type: tns:ArrayOfPayOutAdjustmentType

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type                     |
|--|--------------------------|
|  SEQUENCE |                          |
| tns:PayOutAdjustmentType   | tns:PayOutAdjustmentType |


# Complex Type: tns:ArrayOfPayoutMethods

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type              |
|--|-------------------|
|  SEQUENCE |                   |
| tns:PayoutMethods  | tns:PayoutMethods |


## Complex Type: tns:ArrayOfPersonalizationResponse

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                        |
|--|-----------------------------|
|  SEQUENCE |                             |
| tns:PersonalizationResponse  | tns:PersonalizationResponse |


## Complex Type: tns:ArrayOfProductInfo

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:ProductInfo  | tns:ProductInfo |


# Complex Type: tns:ArrayOfRankTypes

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type          |
|--|---------------|
|  SEQUENCE |               |
| tns:RankTypes  | tns:RankTypes |




# Complex Type: tns:ArrayOfRelationshipInformationDetails

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component  | Type                               |
|--|------------------------------------|
|  SEQUENCE |                                    |
| tns:RelationshipInformationDetails   | tns:RelationshipInformationDetails |

# Complex Type: tns:ArrayOfRelationshipInformationItems

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component                        | Type                             |
|----------------------------------|----------------------------------|
| SEQUENCE                         |                                  |
| tns:RelationshipInformationItems | tns:RelationshipInformationItems |

## Complex Type: tns:ArrayOfRepCustomersResponse

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component                | Type                     |
|--------------------------|--------------------------|
| SEQUENCE                 |                          |
| tns:RepCustomersResponse | tns:RepCustomersResponse |

# Complex Type: tns:ArrayOfRepUplineRecord

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component           | Type                |
|---------------------|---------------------|
| SEQUENCE            |                     |
| tns:RepUplineRecord | tns:RepUplineRecord |

# Complex Type: tns:ArrayOfShipMethods

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:ShipMethods | tns:ShipMethods |


## Complex Type: tns:ArrayOfShipMethods\_v2

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type               |
|--|--------------------|
|  SEQUENCE |                    |
| tns:ShipMethods_v2   | tns:ShipMethods_v2 |


## Complex Type: tns:ArrayOfShipMethods\_v3

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type               |
|--|--------------------|
|  SEQUENCE |                    |
| tns:ShipMethods_v3   | tns:ShipMethods_v3 |


## Complex Type: tns:ArrayOfString

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:string   | s:string |



# Complex Type: tns:ArrayOfTypesReturn

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:TypesReturn | tns:TypesReturn |


## Complex Type: tns:ArrayOfWarehouseInfo

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type              |
|--|-------------------|
|  SEQUENCE |                   |
| tns:WarehouseInfo  | tns:WarehouseInfo |

# Complex Type: tns:ArrayOfZipBlock\_v2

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:ZipBlock_v2 | tns:ZipBlock_v2 |

# Complex Type: tns:AuthenticationInfo

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |
| tns:GUID      | s1:guid  |


## Complex Type: tns:CoApplicantRequest

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:OnlineSignupID   | s:int    |
| tns:Firstname  | s:string |
| tns:Lastname   | s:string |
| tns:Company  | s:string |
| tns:Email  | s:string |
| tns:TaxID  | s:string |


## Complex Type: tns:CountryReturn

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type      |
|--|-----------|
|  SEQUENCE |           |
| tns:ID   | s:int     |
| tns:Description  | s:string  |
| tns:Abbreviation   | s:string  |
| tns:DefaultCountry   | s:int     |
| tns:ISOCODE  | s:string  |
| tns:HideOnExtranet   | s:boolean |


## Complex Type: tns:CountryStatesRecord

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type      |
|--|-----------|
|  SEQUENCE |           |
| tns:Country  | s:string  |
| tns:State  | s:string  |
| tns:Abbreviation   | s:string  |
| tns:Active   | s:boolean |
| tns:SortOrder  | s:int     |


## Complex Type: tns:CreateCustomerPasswordResetKeyResponse

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |
| tns>PasswordResetKey   | s:string |
| tns:CustomerDID  | s:string |




## Complex Type: tns:CreateCustomerPasswordResetKeyResquest

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:EmailAddressOrCustomerDID  | s:string |

# Complex Type: tns:CreateManualPayoutAdjustmentResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

# Complex Type: tns:CreateManualPayoutAdjustmentResquest

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component            | Type       |
|----------------------|------------|
| SEQUENCE             |            |
| tns:RepDID           | s:string   |
| tns:AdjustmentTypeID | s:int      |
| tns:Amount           | s:decimal  |
| tns:Reason           | s:string   |
| tns:AdjustmentDate   | s:dateTime |


# Complex Type: tns:CreateOnlineOrderV2Response

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |
| tns:OnlineOrderID  | s:int    |


## Complex Type: tns:CreateRepResult

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |
| tns:RepDID   | s:string |


## Complex Type: tns:Credentials

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Username   | s:string |
| tns:Password   | s:string |
| tns:Token  | s:string |

# Complex Type: tns:CreditType

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component       | Type     |
|-----------------|----------|
| SEQUENCE        |          |
| tns:ID          | s:int    |
| tns:Description | s:string |

## Complex Type: tns:CurrencyType

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component          | Type     |
|--------------------|----------|
| SEQUENCE           |          |
| tns:CurrencyTypeID | s:int    |
| tns:Description    | s:string |
| tns:Abbreviation   | s:string |
| tns:BaseCurrency   | s:int    |
| tns:CurrencySymbol | s:string |
| tns:Active         | s:int    |



# Complex Type: tns:CurrencyTypes

**Derived By**

Extending tns:GenericResponse

**Content Model**

Contains elements as defined in the following table.

| Component        | Type                    |
|------------------|-------------------------|
| SEQUENCE         |                         |
| tns:RequestID    | s:int                   |
| tns:Success      | s:int                   |
| tns:Message      | s:string                |
| tns:CurrencyType | tns:ArrayOfCurrencyType |

## Complex Type: tns:CustomerInfo

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component           | Type               |
|---------------------|--------------------|
| SEQUENCE            |                    |
| tns:RequestID       | s:int              |
| tns:Success         | s:int              |
| tns:Message         | s:string           |
| tns:CustomerID      | s:string           |
| tns:FirstName       | s:string           |
| tns:LastName        | s:string           |
| tns:Company         | s:string           |
| tns:Email           | s:string           |
| tns:BillStreet1     | s:string           |
| tns:BillStreet2     | s:string           |
| tns:BillCity        | s:string           |
| tns:BillState       | s:string           |
| tns:BillPostalCode  | s:string           |
| tns:BillCounty      | s:string           |
| tns:BillCountry     | s:string           |
| tns:Phone1          | s:string           |
| tns:Phone2          | s:string           |
| tns:JoinDate        | s:dateTime         |
| tns:SponserRepID    | s:string           |
| tns:SponsorBCNumber | s:int              |
| tns:CustomerType    | s:string           |
| tns:CustStatus      | tns:CustomerStatus |

## Complex Type: tns:CustomerInfo\_v2

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component            | Type               |
|----------------------|--------------------|
| SEQUENCE             |                    |
| tns:RequestID        | s:int              |
| tns:Success          | s:int              |
| tns:Message          | s:string           |
| tns:CustomerID       | s:string           |
| tns:FirstName        | s:string           |
| tns:LastName         | s:string           |
| tns:Company          | s:string           |
| tns:Email            | s:string           |
| tns:BillStreet1      | s:string           |
| tns:BillStreet2      | s:string           |
| tns:BillCity         | s:string           |
| tns:BillState        | s:string           |
| tns:BillPostalCode   | s:string           |
| tns:BillCounty       | s:string           |
| tns:BillCountry      | s:string           |
| tns:Phone1           | s:string           |
| tns:Phone2           | s:string           |
| tns:JoinDate         | s:dateTime         |
| tns:SponserRepID     | s:string           |
| tns:SponsorBCNumber  | s:int              |
| tns:CustomerType     | s:string           |
| tns:PreferredCulture | s:string           |
| tns:CustStatus       | tns:CustomerStatus |

## Complex Type: tns:CustomerInfo\_v3

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component             | Type               |
|-----------------------|--------------------|
| SEQUENCE              |                    |
| tns:RequestID         | s:int              |
| tns:Success           | s:int              |
| tns:Message           | s:string           |
| tns:CustomerID        | s:string           |
| tns:FirstName         | s:string           |
| tns:LastName          | s:string           |
| tns:Company           | s:string           |
| tns:Email             | s:string           |
| tns:BillStreet1       | s:string           |
| tns:BillStreet2       | s:string           |
| tns:BillCity          | s:string           |
| tns:BillState         | s:string           |
| tns:BillPostalCode    | s:string           |
| tns:BillCounty        | s:string           |
| tns:BillCountry       | s:string           |
| tns:Phone1            | s:string           |
| tns:Phone2            | s:string           |
| tns:JoinDate          | s:dateTime         |
| tns:SponserRepID      | s:string           |
| tns:SponsorBCNumber   | s:int              |
| tns:CustomerType      | s:string           |
| tns:PreferredCulture  | s:string           |
| tns:CustStatus        | tns:CustomerStatus |
| tns:ReferCustomerID   | s:int              |
| tns:CustomersReferred | tns:ArrayOfString  |


## Complex Type: tns:CustomerInfoRepRank

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RankTypeID   | s:string |
| tns:Description  | s:string |
| tns:Abbreviation   | s:string |

## Complex Type: tns:CustomerInfoWithShipping

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component           | Type               |
|---------------------|--------------------|
| SEQUENCE            |                    |
| tns:RequestID       | s:int              |
| tns:Success         | s:int              |
| tns:Message         | s:string           |
| tns:CustomerID      | s:string           |
| tns:FirstName       | s:string           |
| tns:LastName        | s:string           |
| tns:Company         | s:string           |
| tns:Email           | s:string           |
| tns:BillStreet1     | s:string           |
| tns:BillStreet2     | s:string           |
| tns:BillCity        | s:string           |
| tns:BillState       | s:string           |
| tns:BillPostalCode  | s:string           |
| tns:BillCounty      | s:string           |
| tns:BillCountry     | s:string           |
| tns:ShipStreet1     | s:string           |
| tns:ShipStreet2     | s:string           |
| tns:ShipCity        | s:string           |
| tns:ShipState       | s:string           |
| tns:ShipPostalCode  | s:string           |
| tns:ShipCounty      | s:string           |
| tns:ShipCountry     | s:string           |
| tns:Phone1          | s:string           |
| tns:Phone2          | s:string           |
| tns:JoinDate        | s:dateTime         |
| tns:SponserRepID    | s:string           |
| tns:CustomerType    | s:string           |
| tns:CustStatus      | tns:CustomerStatus |
| tns:SponsorBCNumber | s:int              |

## Complex Type: tns:CustomerInfoWithShipping\_v2

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component            | Type               |
|----------------------|--------------------|
| SEQUENCE             |                    |
| tns:RequestID        | s:int              |
| tns:Success          | s:int              |
| tns:Message          | s:string           |
| tns:CustomerID       | s:string           |
| tns:FirstName        | s:string           |
| tns:LastName         | s:string           |
| tns:Company          | s:string           |
| tns:Email            | s:string           |
| tns:BillStreet1      | s:string           |
| tns:BillStreet2      | s:string           |
| tns:BillCity         | s:string           |
| tns:BillState        | s:string           |
| tns:BillPostalCode   | s:string           |
| tns:BillCounty       | s:string           |
| tns:BillCountry      | s:string           |
| tns:ShipStreet1      | s:string           |
| tns:ShipStreet2      | s:string           |
| tns:ShipCity         | s:string           |
| tns:ShipState        | s:string           |
| tns:ShipPostalCode   | s:string           |
| tns:ShipCounty       | s:string           |
| tns:ShipCountry      | s:string           |
| tns:Phone1           | s:string           |
| tns:Phone2           | s:string           |
| tns:JoinDate         | s:dateTime         |
| tns:SponserRepID     | s:string           |
| tns:CustomerType     | s:string           |
| tns:PreferredCulture | s:string           |
| tns:CustStatus       | tns:CustomerStatus |

| Component           | Type  |
|---------------------|-------|
| tns:SponsorBCNumber | s:int |



## Complex Type: tns:CustomerInfoWithShipping\_v3

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component            | Type               |
|----------------------|--------------------|
| SEQUENCE             |                    |
| tns:RequestID        | s:int              |
| tns:Success          | s:int              |
| tns:Message          | s:string           |
| tns:CustomerID       | s:string           |
| tns:FirstName        | s:string           |
| tns:LastName         | s:string           |
| tns:Company          | s:string           |
| tns:Email            | s:string           |
| tns:BillStreet1      | s:string           |
| tns:BillStreet2      | s:string           |
| tns:BillCity         | s:string           |
| tns:BillState        | s:string           |
| tns:BillPostalCode   | s:string           |
| tns:BillCounty       | s:string           |
| tns:BillCountry      | s:string           |
| tns:ShipStreet1      | s:string           |
| tns:ShipStreet2      | s:string           |
| tns:ShipCity         | s:string           |
| tns:ShipState        | s:string           |
| tns:ShipPostalCode   | s:string           |
| tns:ShipCounty       | s:string           |
| tns:ShipCountry      | s:string           |
| tns:Phone1           | s:string           |
| tns:Phone2           | s:string           |
| tns:JoinDate         | s:dateTime         |
| tns:SponserRepID     | s:string           |
| tns:CustomerType     | s:string           |
| tns:PreferredCulture | s:string           |
| tns:CustStatus       | tns:CustomerStatus |

| Component             | Type              |
|-----------------------|-------------------|
| tns:ReferCustomerID   | s:int             |
| tns:CustomersReferred | tns:ArrayOfString |
| tns:SponsorBCNumber   | s:int             |

## Complex Type: tns:CustomerInfoWithShipping\_v4

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component            | Type               |
|----------------------|--------------------|
| SEQUENCE             |                    |
| tns:RequestID        | s:int              |
| tns:Success          | s:int              |
| tns:Message          | s:string           |
| tns:CustomerID       | s:string           |
| tns:FirstName        | s:string           |
| tns:LastName         | s:string           |
| tns:Company          | s:string           |
| tns:Email            | s:string           |
| tns:BillStreet1      | s:string           |
| tns:BillStreet2      | s:string           |
| tns:BillCity         | s:string           |
| tns:BillState        | s:string           |
| tns:BillPostalCode   | s:string           |
| tns:BillCounty       | s:string           |
| tns:BillCountry      | s:string           |
| tns:ShipStreet1      | s:string           |
| tns:ShipStreet2      | s:string           |
| tns:ShipCity         | s:string           |
| tns:ShipState        | s:string           |
| tns:ShipPostalCode   | s:string           |
| tns:ShipCounty       | s:string           |
| tns:ShipCountry      | s:string           |
| tns:Phone1           | s:string           |
| tns:Phone2           | s:string           |
| tns:JoinDate         | s:dateTime         |
| tns:SponserRepID     | s:string           |
| tns:CustomerType     | s:string           |
| tns:PreferredCulture | s:string           |
| tns:CustStatus       | tns:CustomerStatus |

| Component             | Type                    |
|-----------------------|-------------------------|
| tns:ReferCustomerID   | s:int                   |
| tns:CustomersReferred | tns:ArrayOfString       |
| tns:CustomerTypeID    | s:string                |
| tns:RepID             | s:string                |
| tns:DateOfBirth       | s:dateTime              |
| tns:Gender            | s:string                |
| tns>PasswordSet       | s:boolean               |
| tns:RepRank           | tns:CustomerInfoRepRank |


## Complex Type: tns:CustomerInput

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:CustomerNumber   | s:string |
| tns:FirstName  | s:string |
| tns:LastName   | s:string |
| tns:CompanyName  | s:string |
| tns:Phone  | s:string |
| tns:Email  | s:string |
| tns:TaxID  | s:string |
| tns:Street   | s:string |
| tns:City   | s:string |
| tns:State  | s:string |
| tns:County   | s:string |
| tns:Country  | s:string |
| tns:AccountNumber  | s:string |

# Complex Type: tns:CustomerReturn

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                    |
|---------------|-------------------------|
| SEQUENCE      |                         |
| tns:RequestID | s:int                   |
| tns:Success   | s:int                   |
| tns:Message   | s:string                |
| tns:ds        | s:anyType (restriction) |

# Complex Type: tns:CustomerStatus

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component                      | Type     |
|--------------------------------|----------|
| SEQUENCE                       |          |
| tns:CustomerStatusTypeID       | s:int    |
| tns:CustomerStatusDescription  | s:string |
| tns:CustomerStatusAbbreviation | s:string |


## Complex Type: tns:CustomPayoutMethodDetails

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type           |
|--|----------------|
|  SEQUENCE |                |
| tns:RepDID   | s:string       |
| tns:PayoutMethodID   | s:int          |
| tns:Detail1  | s:string       |
| tns:Detail2  | s:string       |
| tns:Detail3  | s:string       |
| tns:Detail4  | s:string       |
| tns:Detail5  | s:string       |
| tns:Detail6  | s:string       |
| tns:Detail7  | s:string       |
| tns:Detail8  | s:string       |
| tns:Detail9  | s:string       |
| tns:Detail10   | s:string       |
| tns:Detail11   | s:string       |
| tns:Detail12   | s:string       |
| tns:Detail13   | s:string       |
| tns:Detail14   | s:string       |
| tns:Detail15   | s:string       |
| tns:Detail16   | s:string       |
| tns:Detail17   | s:string       |
| tns:Detail18   | s:string       |
| tns:Detail19   | s:string       |
| tns:Detail20   | s:string       |
| tns:BonusAccountNumber   | s:string       |
| tns:BonusRoutingNumber   | s:string       |
| tns:BonusVendorName  | s:string       |
| tns:BonusAccountType   | s:unsignedByte |



# Complex Type: tns:CustomPayoutMethodLineItem

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component        | Type     |
|------------------|----------|
| SEQUENCE         |          |
| tns:DetailNumber | s:int    |
| tns:Caption      | s:string |
| tns:AdminOnly    | s:int    |
| tns:Editable     | s:int    |
| tns:Type         | s:string |
| tns:CurrentValue | s:string |

# Complex Type: tns:CustStatusTypesReturn

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component        | Type     |
|------------------|----------|
| SEQUENCE         |          |
| tns:ID           | s:int    |
| tns:Description  | s:string |
| tns:Abbreviation | s:string |
| tns:DefaultValue | s:string |


## Complex Type: tns:CybersourcePaymentResultInfo

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:TransactionId  | s:string |
| tns:Decision   | s:string |
| tns:RequestAccessKey   | s:string |
| tns:RequestProfileID   | s:string |
| tns:RequestTransactionUniqueID   | s:string |
| tns:RequestTransactionType   | s:string |
| tns:RequestReferenceNumber   | s:string |
| tns:RequestLocale  | s:string |
| tns:RequestCurrency  | s:string |
| tns:RequestAmount  | s:string |
| tns:RequestPaymentMethod   | s:string |
| tns:RequestBillToForename  | s:string |
| tns:RequestBillToSurname   | s:string |
| tns:RequestBillToEmail   | s:string |
| tns:RequestBillToPhone   | s:string |
| tns:RequestBillToLine1   | s:string |
| tns:RequestBillToState   | s:string |
| tns:RequestBillToCity  | s:string |
| tns:RequestBillToCountry   | s:string |
| tns:RequestCardType  | s:string |
| tns:RequestCardNumber  | s:string |
| tns:RequestCardExpiryDate  | s:string |
| tns:RequestCardCVN   | s:string |
| tns:RequestToken   | s:string |
| tns:Message  | s:string |
| tns:ReasonCode   | s:string |
| tns:AuthAVSCode  | s:string |
| tns:AuthAVSCodeRaw   | s:string |
| tns:AuthResponse   | s:string |

| Component   | Type     |
|---|----------|
| tns:AuthAmount                                    | s:string |
| tns:AuthCode                                      | s:string |
| tns:AuthCVResult                                  | s:string |
| tns:AuthCVResultRaw                               | s:string |
| tns:AuthTransReferenceNumber                      | s:string |
| tns:BillTransReferenceNumber                      | s:string |
| tns:AuthTime                                      | s:string |
| tns:PayerAuthenticationXID                        | s:string |
| tns:PayerAuthenticationProofXml                   | s:string |
| tns:PayerAuthenticationEci                        | s:string |
| tns:PayerAuthenticationCavv                       | s:string |
| tns:PayerAuthenticationReasonCode                 | s:string |
| tns:PayerAuthenticationEnrollECommerceIndicator   | s:string |
| tns:PayerAuthenticationEnrollVeresEnrolled        | s:string |
| tns:PayerAuthenticationUCI                        | s:string |
| tns:PayerAuthenticationParesStatus                | s:string |
| tns:PayerAuthenticationValidateResult             | s:string |
| tns:PayerAuthenticationValidateECommerceIndicator | s:string |
| tns:PayerAuthenticationUAD                        | s:string |
| tns:PaymentToken                                  | s:string |
| tns:SignedFieldNames                              | s:string |
| tns:UnsignedFieldNames                            | s:string |
| tns:SignedDateTime                                | s:string |
| tns:Signature                                     | s:string |


## Complex Type: tns:DebitCardPaymentInformation

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Detail1  | s:string |
| tns:Detail2  | s:string |
| tns:Detail3  | s:string |
| tns:Detail4  | s:string |
| tns:Detail5  | s:string |
| tns:Detail6  | s:string |
| tns:Detail7  | s:string |
| tns:Detail8  | s:string |
| tns:Detail9  | s:string |
| tns:Detail10   | s:string |
| tns:Detail11   | s:string |
| tns:Detail12   | s:string |


# Complex Type: tns:DebitCardRequest

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type                            |
|--|---------------------------------|
|  SEQUENCE |                                 |
| tns:Amount   | s:double                        |
| tns:DebitCardAccountID   | s:int                           |
| tns:DebitCardPaymentInfo   | tns:DebitCardPaymentInformation |

## Complex Type: tns:GenericResponse

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

### Referenced By

- Complex Type tns:AuthenticationInfo
- Complex Type tns:CreateCustomerPasswordResetKeyResponse
- Complex Type tns:CreateManualPayoutAdjustmentResponse
- Complex Type tns:CreateOnlineOrderV2Response
- Complex Type tns:CreateRepResult
- Complex Type tns:CurrencyTypes
- Complex Type tns:CustomerInfo
- Complex Type tns:CustomerInfo\_v2
- Complex Type tns:CustomerInfo\_v3
- Complex Type tns:CustomerInfoWithShipping
- Complex Type tns:CustomerInfoWithShipping\_v2
- Complex Type tns:CustomerInfoWithShipping\_v3
- Complex Type tns:CustomerInfoWithShipping\_v4
- Complex Type tns:CustomerReturn
- Complex Type tns:GenericResponseWithID
- Complex Type tns:GetAvailableCreditsResponse
- Complex Type tns:GetCountryStatesReturn
- Complex Type tns:GetCreditTypeReturn
- Complex Type tns:GetCustomerByGuidResponse
- Complex Type tns:GetCustomPayoutMethodDetailsForRepDIDResponse
- Complex Type tns:GetInventoryResponse\_v3
- Complex Type tns:GetInventoryResponse\_v4
- Complex Type tns:GetInventoryResponse\_v5
- Complex Type tns:GetOnlineAutoShipResponse
- Complex Type tns:GetPayOutAdjustmentTypesResponse
- Complex Type tns:GetPersonalizationResponse

- Complex Type tns:GetRepByGuidResponse
- Complex Type tns:GetRepCodedUplineInfoResponse
- Complex Type tns:GetRepInfoResponse
- Complex Type tns:GetRepInfoResponse\_V2
- Complex Type tns:GetRepInfoResponse\_V3
- Complex Type tns:GetRepPasswordResponse
- Complex Type tns:GetRepPayoutMethodInfoResponse
- Complex Type tns:GetRepPrefPlacementResponse
- Complex Type tns:GetRepUplineReturn
- Complex Type tns:GiftCardTransactionResponse
- Complex Type tns:LocalesByCountry
- Complex Type tns:LoginReturn\_Rep
- Complex Type tns:MasterOnlineOrders
- Complex Type tns:MasterOrdersCreated
- Complex Type tns:MasterOrdersResponse
- Complex Type tns:OnlineOrderAddItemV2Response
- Complex Type tns:OnlineOrderGetItemsV2Response
- Complex Type tns:OnlineOrderGetShipMethodsResponse\_v3
- Complex Type tns:OOAddMultipleOrderResponse
- Complex Type tns:PaymentTokenizedRequestCybersource\_Response
- Complex Type tns:RankTypesReturn
- Complex Type tns:RelationshipInformation
- Complex Type tns:TokenizedPaymentRequestFormAdyenResponse
- Complex Type tns:UpdateOnlineCustomerResult
- Complex Type tns:UpdateOnlineSignupResult
- Complex Type tns:UpgradeCustomerResponse
- Complex Type tns:ValidatePartyIDResponse




## Complex Type: tns:GenericResponseWithID

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |
| tns:NewID  | s:int    |

## Complex Type: tns:GetAvailableCreditsResponse

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |
| tns:Credits   | s:double |

# Complex Type: tns:GetCountryStatesReturn

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component            | Type                           |
|----------------------|--------------------------------|
| SEQUENCE             |                                |
| tns:RequestID        | s:int                          |
| tns:Success          | s:int                          |
| tns:Message          | s:string                       |
| tns:CountryStateList | tns:ArrayOfCountryStatesRecord |

# Complex Type: tns:GetCreditTypeReturn

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component       | Type                  |
|-----------------|-----------------------|
| SEQUENCE        |                       |
| tns:RequestID   | s:int                 |
| tns:Success     | s:int                 |
| tns:Message     | s:string              |
| tns:creditTypes | tns:ArrayOfCreditType |

# Complex Type: tns:GetCustomerByGuidResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component       | Type     |
|-----------------|----------|
| SEQUENCE        |          |
| tns:RequestID   | s:int    |
| tns:Success     | s:int    |
| tns:Message     | s:string |
| tns:CustomerDID | s:string |

# Complex Type: tns:GetCustomPayoutMethodDetailsForRepDIDResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component                       | Type                                  |
|---------------------------------|---------------------------------------|
| SEQUENCE                        |                                       |
| tns:RequestID                   | s:int                                 |
| tns:Success                     | s:int                                 |
| tns:Message                     | s:string                              |
| tns:CustomPayoutMethodLineItems | tns:ArrayOfCustomPayoutMethodLineItem |

# Complex Type: tns:GetInventoryResponse\_v3

**Derived By**

Extending tns:GenericResponse

**Content Model**

Contains elements as defined in the following table.

| Component     | Type                             |
|---------------|----------------------------------|
| SEQUENCE      |                                  |
| tns:RequestID | s:int                            |
| tns:Success   | s:int                            |
| tns:Message   | s:string                         |
| tns:Inventory | tns:ArrayOfGetInventoryReturn_v3 |

# Complex Type: tns:GetInventoryResponse\_v4

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                             |
|---------------|----------------------------------|
| SEQUENCE      |                                  |
| tns:RequestID | s:int                            |
| tns:Success   | s:int                            |
| tns:Message   | s:string                         |
| tns:Inventory | tns:ArrayOfGetInventoryReturn_v4 |



# Complex Type: tns:GetInventoryResponse\_v5

**Derived By**

Extending tns:GenericResponse

**Content Model**

Contains elements as defined in the following table.

| Component     | Type                             |
|---------------|----------------------------------|
| SEQUENCE      |                                  |
| tns:RequestID | s:int                            |
| tns:Success   | s:int                            |
| tns:Message   | s:string                         |
| tns:Inventory | tns:ArrayOfGetInventoryReturn_v5 |

## Complex Type: tns:GetInventoryReturn

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component           | Type     |
|---------------------|----------|
| SEQUENCE            |          |
| tns:ProductID       | s:string |
| tns:Description     | s:string |
| tns:Explanation     | s:string |
| tns:LongExplanation | s:string |
| tns:Price           | s:double |
| tns:Volume          | s:double |
| tns:Volume2         | s:double |
| tns:Volume3         | s:double |
| tns:Volume4         | s:double |
| tns:OtherPrice      | s:double |
| tns:OtherPrice2     | s:double |
| tns:OtherPrice3     | s:double |
| tns:OtherPrice4     | s:double |
| tns:Compare         | s:double |
| tns:FeaturedItem    | s:int    |
| tns:SmallImage      | s:string |
| tns:LargeImage      | s:string |
| tns:CategoryID      | s:int    |
| tns:Category        | s:string |
| tns:SubCategory     | s:string |
| tns:LocaleID        | s:string |
| tns:OnHand          | s:int    |

## Complex Type: tns:GetInventoryReturn\_v2

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component             | Type     |
|-----------------------|----------|
| SEQUENCE              |          |
| tns:ProductID         | s:string |
| tns:Description       | s:string |
| tns:Explanation       | s:string |
| tns:LongExplanation   | s:string |
| tns:Price             | s:double |
| tns:Volume            | s:double |
| tns:Volume2           | s:double |
| tns:Volume3           | s:double |
| tns:Volume4           | s:double |
| tns:OtherPrice        | s:double |
| tns:OtherPrice2       | s:double |
| tns:OtherPrice3       | s:double |
| tns:OtherPrice4       | s:double |
| tns:Compare           | s:double |
| tns:FeaturedItem      | s:int    |
| tns:SmallImage        | s:string |
| tns:LargeImage        | s:string |
| tns:CategoryID        | s:int    |
| tns:Category          | s:string |
| tns:SubCategory       | s:string |
| tns:LocaleID          | s:string |
| tns:OnHand            | s:int    |
| tns:QtyOptions        | s:string |
| tns:CurrencyTypeID    | s:int    |
| tns:CurrencyType      | s:string |
| tns:DisplayLocale     | s:string |
| tns:DisplayLocale_Net | s:string |

## Complex Type: tns:GetInventoryReturn\_v3

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component               | Type                                |
|-------------------------|-------------------------------------|
| SEQUENCE                |                                     |
| tns:ProductID           | s:string                            |
| tns:Description         | s:string                            |
| tns:Explanation         | s:string                            |
| tns:LongExplanation     | s:string                            |
| tns:Price               | s:double                            |
| tns:Volume              | s:double                            |
| tns:Volume2             | s:double                            |
| tns:Volume3             | s:double                            |
| tns:Volume4             | s:double                            |
| tns:OtherPrice          | s:double                            |
| tns:OtherPrice2         | s:double                            |
| tns:OtherPrice3         | s:double                            |
| tns:OtherPrice4         | s:double                            |
| tns:Compare             | s:double                            |
| tns:FeaturedItem        | s:int                               |
| tns:SmallImage          | s:string                            |
| tns:LargeImage          | s:string                            |
| tns:CategoryID          | s:int                               |
| tns:Category            | s:string                            |
| tns:SubCategory         | s:string                            |
| tns:LocaleID            | s:string                            |
| tns:OnHand              | s:int                               |
| tns:QtyOptions          | s:string                            |
| tns:CurrencyTypeID      | s:int                               |
| tns:CurrencyType        | s:string                            |
| tns:DisplayLocale       | s:string                            |
| tns:DisplayLocale_Net   | s:string                            |
| tns:RelationshipPresent | s:boolean                           |
| tns:AdditionalImages    | tns:ArrayOfInventoryAdditionalImage |

## Complex Type: tns:GetInventoryReturn\_v4

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component             | Type     |
|-----------------------|----------|
| SEQUENCE              |          |
| tns:ProductID         | s:string |
| tns:Description       | s:string |
| tns:Explanation       | s:string |
| tns:LongExplanation   | s:string |
| tns:Price             | s:double |
| tns:PriceInclTax      | s:double |
| tns:TaxRate           | s:double |
| tns:Volume            | s:double |
| tns:Volume2           | s:double |
| tns:Volume3           | s:double |
| tns:Volume4           | s:double |
| tns:OtherPrice        | s:double |
| tns:OtherPrice2       | s:double |
| tns:OtherPrice3       | s:double |
| tns:OtherPrice4       | s:double |
| tns:Compare           | s:double |
| tns:FeaturedItem      | s:int    |
| tns:SmallImage        | s:string |
| tns:LargeImage        | s:string |
| tns:CategoryID        | s:int    |
| tns:Category          | s:string |
| tns:SubCategory       | s:string |
| tns:LocaleID          | s:string |
| tns:OnHand            | s:int    |
| tns:QtyOptions        | s:string |
| tns:CurrencyTypeID    | s:int    |
| tns:CurrencyType      | s:string |
| tns:DisplayLocale     | s:string |
| tns:DisplayLocale_Net | s:string |

## Complex Type: tns:GetInventoryReturn\_v5

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component             | Type     |
|-----------------------|----------|
| SEQUENCE              |          |
| tns:ProductID         | s:string |
| tns:Description       | s:string |
| tns:Explanation       | s:string |
| tns:LongExplanation   | s:string |
| tns:Price             | s:double |
| tns:PriceInclTax      | s:double |
| tns:TaxRate           | s:double |
| tns:Volume            | s:double |
| tns:Volume2           | s:double |
| tns:Volume3           | s:double |
| tns:Volume4           | s:double |
| tns:OtherPrice        | s:double |
| tns:OtherPrice2       | s:double |
| tns:OtherPrice3       | s:double |
| tns:OtherPrice4       | s:double |
| tns:Compare           | s:double |
| tns:FeaturedItem      | s:int    |
| tns:SmallImage        | s:string |
| tns:LargeImage        | s:string |
| tns:CategoryID        | s:int    |
| tns:Category          | s:string |
| tns:SubCategory       | s:string |
| tns:LocaleID          | s:string |
| tns:OnHand            | s:int    |
| tns:QtyOptions        | s:string |
| tns:CurrencyTypeID    | s:int    |
| tns:CurrencyType      | s:string |
| tns:DisplayLocale     | s:string |
| tns:DisplayLocale_Net | s:string |

| Component         | Type                     |
|-------------------|--------------------------|
| tns:WareHouseList | tns:ArrayOfWarehouseInfo |

# Complex Type: tns:GetOnlineAutoShipResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component            | Type     |
|----------------------|----------|
| SEQUENCE             |          |
| tns:RequestID        | s:int    |
| tns:Success          | s:int    |
| tns:Message          | s:string |
| tns:OnlineAutoshipID | s:int    |



# Complex Type: tns:GetPayOutAdjustmentTypesResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component                 | Type                            |
|---------------------------|---------------------------------|
| SEQUENCE                  |                                 |
| tns:RequestID             | s:int                           |
| tns:Success               | s:int                           |
| tns:Message               | s:string                        |
| tns:PayOutAdjustmentTypes | tns:ArrayOfPayOutAdjustmentType |

# Complex Type: tns:GetPersonalizationResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component                   | Type                               |
|-----------------------------|------------------------------------|
| SEQUENCE                    |                                    |
| tns:RequestID               | s:int                              |
| tns:Success                 | s:int                              |
| tns:Message                 | s:string                           |
| tns:PersonalizationResponse | tns:ArrayOfPersonalizationResponse |


## Complex Type: tns:GetRepByGuidResponse

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |
| tns:RepDID   | s:string |

# Complex Type: tns:GetRepCodedUplineInfoResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component                  | Type                    |
|----------------------------|-------------------------|
| SEQUENCE                   |                         |
| tns:RequestID              | s:int                   |
| tns:Success                | s:int                   |
| tns:Message                | s:string                |
| tns:CodedUplineInformation | s:anyType (restriction) |

## Complex Type: tns:GetRepInfoResponse

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component              | Type     |
|------------------------|----------|
| SEQUENCE               |          |
| tns:RequestID          | s:int    |
| tns:Success            | s:int    |
| tns:Message            | s:string |
| tns:RepID              | s:int    |
| tns:RepDID             | s:string |
| tns:Company            | s:string |
| tns:Firstname          | s:string |
| tns:Lastname           | s:string |
| tns:Email              | s:string |
| tns:BillStreet1        | s:string |
| tns:BillStreet2        | s:string |
| tns:BillCity           | s:string |
| tns:BillState          | s:string |
| tns:BillPostalCode     | s:string |
| tns:BillCounty         | s:string |
| tns:BillCountry        | s:string |
| tns:ShipStreet1        | s:string |
| tns:ShipStreet2        | s:string |
| tns:ShipCity           | s:string |
| tns:ShipState          | s:string |
| tns:ShipPostalCode     | s:string |
| tns:ShipCounty         | s:string |
| tns:ShipCountry        | s:string |
| tns:Phone1             | s:string |
| tns:Phone2             | s:string |
| tns:PictureFilename    | s:string |
| tns:ReplicatedSiteText | s:string |
| tns:SponsorRepDID      | s:string |
| tns:SponsorRepCount    | s:int    |

| Component        | Type        |
|------------------|-------------|
| tns:RepRank      | tns:RepRank |
| tns:URL          | s:string    |
| tns:UplineRepDID | s:string    |
| tns:JoinDate     | s:string    |
| tns:RepTypeID    | s:int       |
| tns:RepType      | s:string    |
| tns:CustomField1 | s:string    |
| tns:CustomField2 | s:string    |
| tns:CustomField3 | s:string    |
| tns:CustomField4 | s:string    |
| tns:CustomField5 | s:string    |
| tns:CustomField6 | s:string    |

## Complex Type: tns:GetRepInfoResponse\_V2

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component              | Type     |
|------------------------|----------|
| SEQUENCE               |          |
| tns:RequestID          | s:int    |
| tns:Success            | s:int    |
| tns:Message            | s:string |
| tns:RepID              | s:int    |
| tns:RepDID             | s:string |
| tns:Company            | s:string |
| tns:Firstname          | s:string |
| tns:Lastname           | s:string |
| tns:Email              | s:string |
| tns:BillStreet1        | s:string |
| tns:BillStreet2        | s:string |
| tns:BillCity           | s:string |
| tns:BillState          | s:string |
| tns:BillPostalCode     | s:string |
| tns:BillCounty         | s:string |
| tns:BillCountry        | s:string |
| tns:ShipStreet1        | s:string |
| tns:ShipStreet2        | s:string |
| tns:ShipCity           | s:string |
| tns:ShipState          | s:string |
| tns:ShipPostalCode     | s:string |
| tns:ShipCounty         | s:string |
| tns:ShipCountry        | s:string |
| tns:Phone1             | s:string |
| tns:Phone2             | s:string |
| tns:PictureFilename    | s:string |
| tns:ReplicatedSiteText | s:string |
| tns:SponsorRepDID      | s:string |
| tns:SponsorRepCount    | s:int    |

| Component           | Type        |
|---------------------|-------------|
| tns:RepRank         | tns:RepRank |
| tns:URL             | s:string    |
| tns:UplineRepDID    | s:string    |
| tns:JoinDate        | s:string    |
| tns:RepTypeID       | s:int       |
| tns:RepType         | s:string    |
| tns:CustomField1    | s:string    |
| tns:CustomField2    | s:string    |
| tns:CustomField3    | s:string    |
| tns:CustomField4    | s:string    |
| tns:CustomField5    | s:string    |
| tns:CustomField6    | s:string    |
| tns:RenewalDate     | s:string    |
| tns:RepRenewalSKU   | s:string    |
| tns:MI              | s:string    |
| tns:PayToName       | s:string    |
| tns:DefaultLocaleID | s:string    |
| tns:Gender          | s:string    |



## Complex Type: tns:GetRepInfoResponse\_V3

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component          | Type     |
|--------------------|----------|
| SEQUENCE           |          |
| tns:RequestID      | s:int    |
| tns:Success        | s:int    |
| tns:Message        | s:string |
| tns:RepID          | s:int    |
| tns:RepDID         | s:string |
| tns:Company        | s:string |
| tns:Firstname      | s:string |
| tns:Lastname       | s:string |
| tns:Email          | s:string |
| tns:BillStreet1    | s:string |
| tns:BillStreet2    | s:string |
| tns:BillCity       | s:string |
| tns:BillState      | s:string |
| tns:BillPostalCode | s:string |
| tns:BillCounty     | s:string |
| tns:BillCountry    | s:string |
| tns:ShipStreet1    | s:string |
| tns:ShipStreet2    | s:string |
| tns:ShipCity       | s:string |
| tns:ShipState      | s:string |
| tns:ShipPostalCode | s:string |
| tns:ShipCounty     | s:string |
| tns:ShipCountry    | s:string |
| tns:Phone1         | s:string |
| tns:Phone2         | s:string |
| tns:Phone3         | s:string |
| tns:Phone4         | s:string |
| tns:Phone5         | s:string |
| tns:Phone6         | s:string |

| Component              | Type        |
|------------------------|-------------|
| tns:PictureFilename    | s:string    |
| tns:ReplicatedSiteText | s:string    |
| tns:SponsorRepDID      | s:string    |
| tns:SponsorRepCount    | s:int       |
| tns:RepRank            | tns:RepRank |
| tns:URL                | s:string    |
| tns:UplineRepDID       | s:string    |
| tns:JoinDate           | s:string    |
| tns:RepTypeID          | s:int       |
| tns:RepType            | s:string    |
| tns:CustomField1       | s:string    |
| tns:CustomField2       | s:string    |
| tns:CustomField3       | s:string    |
| tns:CustomField4       | s:string    |
| tns:CustomField5       | s:string    |
| tns:CustomField6       | s:string    |
| tns:RenewalDate        | s:string    |
| tns:RepRenewalSKU      | s:string    |
| tns:MI                 | s:string    |
| tns:PayToName          | s:string    |
| tns:DefaultLocaleID    | s:string    |
| tns:Gender             | s:string    |
| tns:PreferredCulture   | s:int       |
| tns:DateofBirth        | s:dateTime  |
| tns:DivisionID         | s:int       |
| tns>PasswordSet        | s:boolean   |


## Complex Type: tns:GetRepPasswordResponse

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |
| tns:Email  | s:string |
| tns:Password   | s:string |


## Complex Type: tns:GetRepPayoutMethodInfoResponse

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |
| tns:RepDID   | s:string |
| tns:VendorName   | s:string |
| tns:RoutingNumber  | s:string |
| tns:AcctNumber   | s:string |
| tns:AcctType   | s:string |
| tns:PayoutMethodID   | s:string |

### Referenced By

- Complex Type tns:GetRepPayoutMethodInfoResponseV2


## Complex Type: tns:GetRepPayoutMethodInfoResponseV2

### Derived By

Extending tns:GetRepPayoutMethodInfoResponse

### Content Model

Contains elements as defined in the following table.

| Component  | Type                                      |
|--|---|
|  SEQUENCE |   |
| tns:RequestID  | s:int                                     |
| tns:Success  | s:int                                     |
| tns:Message  | s:string                                  |
| tns:RepDID   | s:string                                  |
| tns:VendorName   | s:string                                  |
| tns:RoutingNumber  | s:string                                  |
| tns:AcctNumber   | s:string                                  |
| tns:AcctType   | s:string                                  |
| tns:PayoutMethodID   | s:string                                  |
| tns:GetRepPayoutMethodObj  | tns:ArrayOfGetRepPayoutMethodInfoResponse |
| tns:PayToName  | s:string                                  |

## Complex Type: tns:GetRepPrefPlacementResponse

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component             | Type     |
|-----------------------|----------|
| SEQUENCE              |          |
| tns:RequestID         | s:int    |
| tns:Success           | s:int    |
| tns:Message           | s:string |
| tns:RepDID            | s:string |
| tns:BCDID             | s:string |
| tns:PlacementRepDID   | s:string |
| tns:PlacementPosition | s:string |

# Complex Type: tns:GetRepUplineReturn

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component         | Type                       |
|-------------------|----------------------------|
| SEQUENCE          |                            |
| tns:RequestID     | s:int                      |
| tns:Success       | s:int                      |
| tns:Message       | s:string                   |
| tns:RepUplineList | tns:ArrayOfRepUplineRecord |


## Complex Type: tns:GiftCardAccount

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:ID   | s:int    |
| tns:Description  | s:string |




## Complex Type: tns:GiftCardField

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type      |
|--|-----------|
|  SEQUENCE |           |
| tns:FieldName  | s:string  |
| tns:FieldLabel   | s:string  |
| tns:FieldType  | s:string  |
| tns:Required   | s:boolean |
| tns:ValidationType   | s:int     |


## Complex Type: tns:GiftCardTransactionRequest

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                        |
|--|-----------------------------|
|  SEQUENCE |                             |
| tns:Credentials  | tns:Credentials             |
| tns:GiftCardAccountID  | s:int                       |
| tns:OrderID  | s:int                       |
| tns:OnlineOrderID  | s:int                       |
| tns:PartyID  | s:int                       |
| tns:Amount   | s:decimal                   |
| tns:TransactionType  | tns:GiftCardTransactionType |
| tns:Detail1  | s:string                    |
| tns:Detail2  | s:string                    |
| tns:Detail3  | s:string                    |
| tns:Detail4  | s:string                    |
| tns:Detail5  | s:string                    |
| tns:Detail6  | s:string                    |
| tns:Detail7  | s:string                    |
| tns:Detail8  | s:string                    |
| tns:Detail9  | s:string                    |
| tns:Detail10   | s:string                    |
| tns:Detail11   | s:string                    |
| tns:Detail12   | s:string                    |
| tns:Detail13   | s:string                    |
| tns:Detail14   | s:string                    |
| tns:Detail15   | s:string                    |
| tns:Detail16   | s:string                    |
| tns:Detail17   | s:string                    |
| tns:Detail18   | s:string                    |

# Complex Type: tns:GiftCardTransactionResponse

**Derived By**

Extending tns:GenericResponse

**Content Model**

Contains elements as defined in the following table.

| Component               | Type      |
|-------------------------|-----------|
| SEQUENCE                |           |
| tns:RequestID           | s:int     |
| tns:Success             | s:int     |
| tns:Message             | s:string  |
| tns:TransactionComplete | s:boolean |
| tns:Amount              | s:decimal |


## Complex Type: tns:InventoryAdditionalImage

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Filename   | s:string |
| tns:Description  | s:string |
| tns:Title  | s:string |
| tns:ImageType  | s:string |


## Complex Type: tns:LocaleReturn

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:ID   | s:int    |
| tns:Locale   | s:string |
| tns:Description  | s:string |
| tns:ISODescription   | s:string |
| tns:DefaultLocale  | s:int    |
| tns:DecimalValue   | s:string |


## Complex Type: tns:LocalesByCountry

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component  | Type                    |
|--|-------------------------|
|  SEQUENCE |                         |
| tns:RequestID  | s:int                   |
| tns:Success  | s:int                   |
| tns:Message  | s:string                |
| tns:Country  | s:string                |
| tns:LocaleReturn   | tns:ArrayOfLocaleReturn |


## Complex Type: tns:LoginReturn\_Customer

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type       |
|--|------------|
|  SEQUENCE |            |
| tns:Success  | s:int      |
| tns:CustomerNumber   | s:string   |
| tns:CustomerTypeID   | s:int      |
| tns:CustomerType   | s:string   |
| tns:AppDate  | s:dateTime |
| tns:Firstname  | s:string   |
| tns:Lastname   | s:string   |
| tns:Company  | s:string   |
| tns:Email  | s:string   |
| tns:Phone1   | s:string   |
| tns:Phone2   | s:string   |
| tns:Phone3   | s:string   |
| tns:Phone4   | s:string   |
| tns:BillStreet1  | s:string   |
| tns:BillStreet2  | s:string   |
| tns:BillCity   | s:string   |
| tns:BillState  | s:string   |
| tns:BillPostalCode   | s:string   |
| tns:BillCounty   | s:string   |
| tns:BillCountry  | s:string   |
| tns:ShipStreet1  | s:string   |
| tns:ShipStreet2  | s:string   |
| tns:ShipCity   | s:string   |
| tns:ShipState  | s:string   |
| tns:ShipPostalCode   | s:string   |
| tns:ShipCounty   | s:string   |
| tns:ShipCountry  | s:string   |

## Complex Type: tns:LoginReturn\_Rep

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component          | Type       |
|--------------------|------------|
| SEQUENCE           |            |
| tns:RequestID      | s:int      |
| tns:Success        | s:int      |
| tns:Message        | s:string   |
| tns:RepNumber      | s:string   |
| tns:RepTypeID      | s:int      |
| tns:RepType        | s:string   |
| tns:JoinDate       | s:dateTime |
| tns:Firstname      | s:string   |
| tns:Lastname       | s:string   |
| tns:Company        | s:string   |
| tns:Email          | s:string   |
| tns:Phone1         | s:string   |
| tns:Phone2         | s:string   |
| tns:Phone3         | s:string   |
| tns:Phone4         | s:string   |
| tns:BillStreet1    | s:string   |
| tns:BillStreet2    | s:string   |
| tns:BillCity       | s:string   |
| tns:BillState      | s:string   |
| tns:BillPostalCode | s:string   |
| tns:BillCounty     | s:string   |
| tns:BillCountry    | s:string   |
| tns:ShipStreet1    | s:string   |
| tns:ShipStreet2    | s:string   |
| tns:ShipCity       | s:string   |
| tns:ShipState      | s:string   |
| tns:ShipPostalCode | s:string   |
| tns:ShipCounty     | s:string   |
| tns:ShipCountry    | s:string   |



# Complex Type: tns:MasterOnlineOrders

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component         | Type           |
|-------------------|----------------|
| SEQUENCE          |                |
| tns:RequestID     | s:int          |
| tns:Success       | s:int          |
| tns:Message       | s:string       |
| tns:OnlineOrderID | tns:ArrayOfInt |


# Complex Type: tns:MasterOrders

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type       |
|--|------------|
|  SEQUENCE |            |
| tns:MasterOrderID  | s:int      |
| tns:PriceText  | s:string   |
| tns:DateEntered  | s:dateTime |


## Complex Type: tns:MasterOrdersCreated

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component  | Type           |
|--|----------------|
|  SEQUENCE |                |
| tns:RequestID  | s:int          |
| tns:Success  | s:int          |
| tns:Message  | s:string       |
| tns:OrderID  | tns:ArrayOfInt |

# Complex Type: tns:MasterOrdersResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                    |
|---------------|-------------------------|
| SEQUENCE      |                         |
| tns:RequestID | s:int                   |
| tns:Success   | s:int                   |
| tns:Message   | s:string                |
| tns:Orders    | tns:ArrayOfMasterOrders |


## Complex Type: tns:MasterOrderTotal

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:OnlineOrderID  | s:int    |
| tns:ShippingTotal  | s:double |
| tns:TaxTotal   | s:double |
| tns:HandlingFee  | s:double |
| tns:OrderTotal   | s:double |
| tns:CreditUsed   | s:double |
| tns:BalanceDue   | s:double |

# Complex Type: tns:MasterOrderTotals

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component            | Type                        |
|----------------------|-----------------------------|
| SEQUENCE             |                             |
| tns:MasterBalanceDue | s:double                    |
| tns:OrderTotals      | tns:ArrayOfMasterOrderTotal |


## Complex Type: tns:MiscFieldsReturn

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:ID   | s:int    |
| tns:Caption  | s:string |
| tns:TableName  | s:string |
| tns:MiscFieldColumnName  | s:string |
| tns:DefaultValue   | s:string |


## Complex Type: tns:MiscFieldValue

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:EntityID   | s:int    |
| tns:miscFieldValue   | s:string |
| tns:MiscFieldColumnName  | s:string |
| tns:TableName  | s:string |



# Complex Type: tns:NewOrderReturn

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:OrderID  | s:int    |
| tns:ErrorMsg | s:string |


## Complex Type: tns:OnlineCustomerRecord

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RepNumber  | s:string |
| tns:Firstname  | s:string |
| tns:Lastname   | s:string |
| tns:Company  | s:string |
| tns:BillStreet1  | s:string |
| tns:BillStreet2  | s:string |
| tns:BillCity   | s:string |
| tns:BillState  | s:string |
| tns:BillPostalCode   | s:string |
| tns:BillCounty   | s:string |
| tns:BillCountry  | s:string |
| tns:ShipStreet1  | s:string |
| tns:ShipStreet2  | s:string |
| tns:ShipCity   | s:string |
| tns:ShipState  | s:string |
| tns:ShipPostalCode   | s:string |
| tns:ShipCounty   | s:string |
| tns:ShipCountry  | s:string |
| tns:TaxID  | s:string |
| tns:Phone1   | s:string |
| tns:Phone2   | s:string |
| tns:Phone3   | s:string |
| tns:Phone4   | s:string |
| tns:Phone5   | s:string |
| tns:Phone6   | s:string |
| tns>Password   | s:string |
| tns:Email  | s:string |
| tns:CustomerTypeID   | s:int    |
| tns:StatusTypeID   | s:int    |

| Component            | Type     |
|----------------------|----------|
| tns:IPAddress        | s:string |
| tns:PreferredCulture | s:int    |
| tns:BCNumber         | s:int    |

# Complex Type: tns:OnlineOrderAddItemV2Response

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component               | Type     |
|-------------------------|----------|
| SEQUENCE                |          |
| tns:RequestID           | s:int    |
| tns:Success             | s:int    |
| tns:Message             | s:string |
| tns:OnlineOrderDetailID | s:int    |

# Complex Type: tns:OnlineOrderGetItemsv2Response

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                     |
|---------------|--------------------------|
| SEQUENCE      |                          |
| tns:RequestID | s:int                    |
| tns:Success   | s:int                    |
| tns:Message   | s:string                 |
| tns:Items     | tns:ArrayOfOrderItems_v2 |

# Complex Type: tns:OnlineOrderGetShipMethodsResponse\_v3

**Derived By**

Extending tns:GenericResponse

**Content Model**

Contains elements as defined in the following table.

| Component       | Type                      |
|-----------------|---------------------------|
| SEQUENCE        |                           |
| tns:RequestID   | s:int                     |
| tns:Success     | s:int                     |
| tns:Message     | s:string                  |
| tns:ShipMethods | tns:ArrayOfShipMethods_v3 |


## Complex Type: tns:OnlineOrderRecord

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RepNumber  | s:string |
| tns:OnlineSignupID   | s:int    |
| tns:OnlineCustomerID   | s:string |
| tns:CustomerNumber   | s:string |
| tns:BillFirstname  | s:string |
| tns:BillLastname   | s:string |
| tns:BillCompany  | s:string |
| tns:BillStreet1  | s:string |
| tns:BillStreet2  | s:string |
| tns:BillCity   | s:string |
| tns:BillState  | s:string |
| tns:BillPostalCode   | s:string |
| tns:BillCounty   | s:string |
| tns:BillCountry  | s:string |
| tns:BillPhone  | s:string |
| tns:ShipFirstname  | s:string |
| tns:ShipLastname   | s:string |
| tns:ShipCompany  | s:string |
| tns:ShipStreet1  | s:string |
| tns:ShipStreet2  | s:string |
| tns:ShipCity   | s:string |
| tns:ShipState  | s:string |
| tns:ShipPostalCode   | s:string |
| tns:ShipCounty   | s:string |
| tns:ShipCountry  | s:string |
| tns:ShipPhone  | s:string |
| tns:ContactEmail   | s:string |
| tns:InvoiceNotes   | s:string |
| tns:IPAddress  | s:string |

| Component        | Type  |
|------------------|-------|
| tns:MarketShowID | s:int |




## Complex Type: tns:OnlineSignupRecord

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type       |
|--|------------|
|  SEQUENCE |            |
| tns:SponsorRepNumber   | s:string   |
| tns:Firstname  | s:string   |
| tns:Lastname   | s:string   |
| tns:Company  | s:string   |
| tns:BillStreet1  | s:string   |
| tns:BillStreet2  | s:string   |
| tns:BillCity   | s:string   |
| tns:BillState  | s:string   |
| tns:BillPostalCode   | s:string   |
| tns:BillCounty   | s:string   |
| tns:BillCountry  | s:string   |
| tns:ShipStreet1  | s:string   |
| tns:ShipStreet2  | s:string   |
| tns:ShipCity   | s:string   |
| tns:ShipState  | s:string   |
| tns:ShipPostalCode   | s:string   |
| tns:ShipCounty   | s:string   |
| tns:ShipCountry  | s:string   |
| tns:TaxID  | s:string   |
| tns:Phone1   | s:string   |
| tns:Phone2   | s:string   |
| tns:Phone3   | s:string   |
| tns:Phone4   | s:string   |
| tns:ReplicatedURL  | s:string   |
| tns:ReplicatedText   | s:string   |
| tns:Password   | s:string   |
| tns:Email  | s:string   |
| tns:RepTypeID  | s:int      |
| tns:DateOfBirth  | s:dateTime |

| Component            | Type     |
|----------------------|----------|
| tns:IPAddress        | s:string |
| tns:PreferredCulture | s:int    |
| tns:PayoutMethodID   | s:int    |


## Complex Type: tns:OnlineSignupRecord\_v2

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:SponsorRepNumber   | s:string |
| tns:Firstname  | s:string |
| tns:Lastname   | s:string |
| tns:Company  | s:string |
| tns:BillStreet1  | s:string |
| tns:BillStreet2  | s:string |
| tns:BillCity   | s:string |
| tns:BillState  | s:string |
| tns:BillPostalCode   | s:string |
| tns:BillCounty   | s:string |
| tns:BillCountry  | s:string |
| tns:ShipStreet1  | s:string |
| tns:ShipStreet2  | s:string |
| tns:ShipCity   | s:string |
| tns:ShipState  | s:string |
| tns:ShipPostalCode   | s:string |
| tns:ShipCounty   | s:string |
| tns:ShipCountry  | s:string |
| tns:TaxID  | s:string |
| tns:TaxID2   | s:string |
| tns:Phone1   | s:string |
| tns:Phone2   | s:string |
| tns:Phone3   | s:string |
| tns:Phone4   | s:string |
| tns:ReplicatedURL  | s:string |
| tns:ReplicatedText   | s:string |
| tns:Password   | s:string |
| tns:Email  | s:string |
| tns:RepTypeID  | s:int    |

| Component            | Type       |
|----------------------|------------|
| tns:DateOfBirth      | s:dateTime |
| tns:IPAddress        | s:string   |
| tns:PreferredCulture | s:int      |
| tns:PayoutMethodID   | s:int      |

# Complex Type: tns:OOAddMultipleOrderResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component         | Type                     |
|-------------------|--------------------------|
| SEQUENCE          |                          |
| tns:RequestID     | s:int                    |
| tns:Success       | s:int                    |
| tns:Message       | s:string                 |
| tns:AddedItemInfo | tns:ArrayOfAddedItemInfo |


## Complex Type: tns:OpenInvoiceData

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                       |
|--|----------------------------|
|  SEQUENCE |                            |
| tns:NumberOfLines  | s:string                   |
| tns:RefundDescription  | s:string                   |
| tns:ProductLines   | tns:ArrayOfOpenInvoiceLine |
| tns:MerchantData   | s:string                   |
| tns:Sig  | s:string                   |


## Complex Type: tns:OpenInvoiceLine

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:LineReference  | s:string |
| tns:CurrencyCode   | s:string |
| tns:Description  | s:string |
| tns:ItemAmount   | s:string |
| tns:ItemVatAmount  | s:string |
| tns:NumberOfItems  | s:string |
| tns:VatCategory  | s:string |


## Complex Type: tns:OrderAutoshipItems

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:OnlineOrdersAutoshipID   | s:int    |
| tns:ProductID  | s:string |
| tns:Description  | s:string |
| tns:Quantity   | s:int    |
| tns:PeriodDay  | s:int    |
| tns:DateNextRun  | s:string |




## Complex Type: tns:OrderItems

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:OnlineOrderDetailID  | s:int    |
| tns:ProductID  | s:string |
| tns:PriceID  | s:int    |
| tns:Quantity   | s:int    |
| tns:Price  | s:double |
| tns:Volume   | s:double |
| tns:Volume2  | s:double |
| tns:Volume3  | s:double |
| tns:Volume4  | s:double |
| tns:OtherPrice   | s:double |
| tns:OtherPrice2  | s:double |
| tns:OtherPrice3  | s:double |
| tns:OtherPrice4  | s:double |
| tns:Compare  | s:double |

### Referenced By

- Complex Type tns:OrderItems\_v2

## Complex Type: tns:OrderItems\_v2

### Derived By

Extending tns:OrderItems

### Content Model

Contains elements as defined in the following table.

| Component                          | Type      |
|------------------------------------|-----------|
| SEQUENCE                           |           |
| tns:OnlineOrderDetailID            | s:int     |
| tns:ProductID                      | s:string  |
| tns:PriceID                        | s:int     |
| tns:Quantity                       | s:int     |
| tns:Price                          | s:double  |
| tns:Volume                         | s:double  |
| tns:Volume2                        | s:double  |
| tns:Volume3                        | s:double  |
| tns:Volume4                        | s:double  |
| tns:OtherPrice                     | s:double  |
| tns:OtherPrice2                    | s:double  |
| tns:OtherPrice3                    | s:double  |
| tns:OtherPrice4                    | s:double  |
| tns:Compare                        | s:double  |
| tns:GroupOwnderOnlineOrderDetailID | s:int     |
| tns:InventoryRelationshipGroupID   | s:int     |
| tns:RelationshipGroup              | s:string  |
| tns:RelationshipPresent            | s:boolean |
| tns:RelationshipTypeID             | s:int     |


## Complex Type: tns:OrderTotals

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:ShippingTotal  | s:double |
| tns:TaxTotal   | s:double |
| tns:HandlingFee  | s:double |
| tns:OrderTotal   | s:double |
| tns:CreditUsed   | s:double |
| tns:BalanceDue   | s:double |


## Complex Type: tns:PartyInfoReturn

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type       |
|--|------------|
|  SEQUENCE |            |
| tns:ID   | s:int      |
| tns:Description  | s:string   |
| tns:PartyDate  | s:dateTime |
| tns:StartTime  | s:string   |
| tns:EndTime  | s:string   |


## Complex Type: tns:Payment\_Tokenized\_Return

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type      |
|--|-----------|
|  SEQUENCE |           |
| tns:TransactionCompleted   | s:boolean |
| tns:Response   | s:string  |
| tns:Amount   | s:double  |

## Complex Type: tns:PaymentDetails

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Detail1  | s:string |
| tns:Detail2  | s:string |
| tns:Detail3  | s:string |
| tns:Detail4  | s:string |
| tns:Detail5  | s:string |
| tns:Detail6  | s:string |
| tns:Detail7  | s:string |
| tns:Detail8  | s:string |
| tns:Detail9  | s:string |
| tns:Detail10 | s:string |
| tns:Detail11 | s:string |
| tns:Detail12 | s:string |
| tns:Detail13 | s:string |
| tns:Detail14 | s:string |
| tns:Detail15 | s:string |
| tns:Detail16 | s:string |
| tns:Detail17 | s:string |
| tns:Detail18 | s:string |
| tns:Detail19 | s:string |


## Complex Type: tns:PaymentInfo\_ACH

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:AccountName  | s:string |
| tns:AccountNumber  | s:string |
| tns:RoutingNumber  | s:string |
| tns:AccountType  | s:int    |
| tns:Amount   | s:double |


## Complex Type: tns:PaymentInfo\_ACH\_V2

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:AccountName  | s:string |
| tns:RomanizedAccountName   | s:string |
| tns:AccountNumber  | s:string |
| tns:RoutingNumber  | s:string |
| tns:BankName   | s:string |
| tns:RomanizedBankName  | s:string |
| tns:BankNumber   | s:string |
| tns:BranchName   | s:string |
| tns:RomanizedBranchName  | s:string |
| tns:BranchNumber   | s:string |
| tns:AccountType  | s:int    |
| tns:Amount   | s:double |




## Complex Type: tns:PaymentInfo\_CC

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:FirstNameOnCard  | s:string |
| tns:LastNameOnCard   | s:string |
| tns:Address  | s:string |
| tns:ZipCode  | s:string |
| tns:ExpDateMonth   | s:string |
| tns:ExpDateYear  | s:string |
| tns:CVV  | s:string |
| tns:CVV2   | s:string |
| tns:CreditCardNumber   | s:string |
| tns:Amount   | s:double |


## Complex Type: tns:PaymentInfo\_CC\_Return

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type      |
|--|-----------|
|  SEQUENCE |           |
| tns:TransactionCompleted   | s:boolean |
| tns:Description  | s:string  |
| tns:AuthCode   | s:string  |
| tns:Amount   | s:double  |


## Complex Type: tns:PaymentInfo\_CC\_v2

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:FirstNameOnCard  | s:string |
| tns:LastNameOnCard   | s:string |
| tns:Address  | s:string |
| tns:ZipCode  | s:string |
| tns:Address2   | s:string |
| tns:City   | s:string |
| tns:State  | s:string |
| tns:Country  | s:string |
| tns:ExpDateMonth   | s:string |
| tns:ExpDateYear  | s:string |
| tns:CVV  | s:string |
| tns:CVV2   | s:string |
| tns:CreditCardNumber   | s:string |
| tns:Amount   | s:double |

# Complex Type: tns:PaymentInfo\_CheckDraft

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component         | Type     |
|-------------------|----------|
| SEQUENCE          |          |
| tns:AccountName   | s:string |
| tns:AccountAddr1  | s:string |
| tns:AccountAddr2  | s:string |
| tns:BankName      | s:string |
| tns:AccountNumber | s:string |
| tns:RoutingNumber | s:string |
| tns:CheckNumber   | s:int    |
| tns:Amount        | s:double |

# Complex Type: tns:PaymentTokenizedRequestCybersource\_Request

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component                     | Type  |
|-------------------------------|-------|
| SEQUENCE                      |       |
| tns:TokenizedPaymentAccountID | s:int |
| tns:OnlineOrderID             | s:int |
| tns:LocaleID                  | s:int |

## Complex Type: tns:PaymentTokenizedRequestCybersource\_Response

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component               | Type     |
|-------------------------|----------|
| SEQUENCE                |          |
| tns:RequestID           | s:int    |
| tns:Success             | s:int    |
| tns:Message             | s:string |
| tns:AccessKey           | s:string |
| tns:ProfileID           | s:string |
| tns:TransactionUniqueID | s:string |
| tns:SignedFieldNames    | s:string |
| tns:UnsignedFieldNames  | s:string |
| tns:SignedDateTime      | s:string |
| tns:Locale              | s:string |
| tns:ReferenceNumber     | s:string |
| tns:TransactionType     | s:string |
| tns:Currency            | s:string |
| tns:Amount              | s:string |
| tns:PaymentMethod       | s:string |
| tns:CardType            | s:string |
| tns:CardNumber          | s:string |
| tns:CardExpiryDate      | s:string |
| tns:CardCVN             | s:string |
| tns:BillToForename      | s:string |
| tns:BillToSurname       | s:string |
| tns:BillToEmail         | s:string |
| tns:BillToLine1         | s:string |
| tns:BillToState         | s:string |
| tns:BillToCity          | s:string |
| tns:BillToCountry       | s:string |
| tns:Signature           | s:string |


## Complex Type: tns:PaymentTokenizedVerifyResponseAdyen\_V2\_Request

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:OnlineOrderID  | s:int    |
| tns:MerchantSignatureString  | s:string |
| tns:MerchantSig  | s:string |
| tns:TokenizedPaymentAccountID  | s:int    |

**Complex Type:**  
**tns:PaymentTokenizedVerifyResponseCybersource\_Request**

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component                     | Type                             |
|-------------------------------|----------------------------------|
| SEQUENCE                      |                                  |
| tns:TokenizedPaymentAccountID | s:int                            |
| tns:OnlineOrderID             | s:int                            |
| tns:CyberSourceResponse       | tns:CybersourcePaymentResultInfo |



# Complex Type: tns:PayOutAdjustmentType

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component            | Type     |
|----------------------|----------|
| SEQUENCE             |          |
| tns:AdjustmentTypeID | s:int    |
| tns:Description      | s:string |

# Complex Type: tns:PayoutMethods

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component          | Type     |
|--------------------|----------|
| SEQUENCE           |          |
| tns:PayoutMethodID | s:int    |
| tns:Description    | s:string |


## Complex Type: tns:PersonalizationResponse

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Classification   | s:string |
| tns:OrderID  | s:int    |
| tns:DetailID   | s:int    |
| tns:ProductID  | s:string |
| tns:Personalization  | s:string |
| tns:Sequence   | s:int    |

## Complex Type: tns:ProductInfo

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component       | Type     |
|-----------------|----------|
| SEQUENCE        |          |
| tns:ProductName | s:string |
| tns:Quantity    | s:int    |

# Complex Type: tns:ProfileNote

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component                | Type     |
|--------------------------|----------|
| SEQUENCE                 |          |
| tns:RepOrCustomer        | s:int    |
| tns:IDNumber             | s:string |
| tns:Subject              | s:string |
| tns:Message              | s:string |
| tns:CorrespondenceTypeID | s:int    |
| tns:CategoryID           | s:int    |
| tns:OrderID              | s:int    |

# Complex Type: tns:RankTypes

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component        | Type     |
|------------------|----------|
| SEQUENCE         |          |
| tns:ID           | s:int    |
| tns:Description  | s:string |
| tns:Abbreviation | s:string |
| tns:Explanation  | s:string |

# Complex Type: tns:RankTypesReturn

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                 |
|---------------|----------------------|
| SEQUENCE      |                      |
| tns:RequestID | s:int                |
| tns:Success   | s:int                |
| tns:Message   | s:string             |
| tns:RankTypes | tns:ArrayOfRankTypes |

# Complex Type: tns:RelationshipInformation

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component                           | Type                                    |
|-------------------------------------|---|
| SEQUENCE                            |   |
| tns:RequestID                       | s:int                                   |
| tns:Success                         | s:int                                   |
| tns:Message                         | s:string                                |
| tns:IstRelationshipInformationItems | tns:ArrayOfRelationshipInformationItems |




## Complex Type: tns:RelationshipInformationDetails

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:GroupID  | s:string |
| tns:ItemNumber   | s:string |
| tns:Description  | s:string |
| tns:Explanation  | s:string |
| tns:Quantity   | s:string |
| tns:SmallImage   | s:string |
| tns:LargeImage   | s:string |
| tns:OrderDetailID  | s:int    |
| tns:OnlineOrderDetailID  | s:int    |

# Complex Type: tns:RelationshipInformationItems

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component                             | Type                                      |
|---------------------------------------|---|
| SEQUENCE                              |   |
| tns:GroupID                           | s:string                                  |
| tns:Description                       | s:string                                  |
| tns:CartDescription                   | s:string                                  |
| tns:Abbreviation                      | s:string                                  |
| tns:RelationshipTypeID                | s:int                                     |
| tns:RelationshipType                  | s:string                                  |
| tns:MinSelection                      | s:int                                     |
| tns:MaxSelection                      | s:int                                     |
| tns:IstRelationshipInformationDetails | tns:ArrayOfRelationshipInformationDetails |


## Complex Type: tns:RepCustomersResponse

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:CustomerNumber   | s:string |
| tns:Firstname  | s:string |
| tns:Lastname   | s:string |
| tns:CompanyName  | s:string |

# Complex Type: tns:RepRank

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component            | Type     |
|----------------------|----------|
| SEQUENCE             |          |
| tns:RankID           | s:int    |
| tns:RankDescription  | s:string |
| tns:RankAbbreviation | s:string |


# Complex Type: tns:RepUplineRecord

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RepDID   | s:string |
| tns:UplineLevel  | s:int    |


## Complex Type: tns:SetPlacementRequest

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type      |
|--|-----------|
|  SEQUENCE |           |
| tns:OnlineSignupID   | s:int     |
| tns:SetPlacement   | s:boolean |
| tns:RepNumber  | s:string  |
| tns:Position   | s:string  |

# Complex Type: tns:ShipMethods

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component        | Type     |
|------------------|----------|
| SEQUENCE         |          |
| tns:ShipMethodID | s:int    |
| tns:Description  | s:string |
| tns:SortOrder    | s:int    |


## Complex Type: tns:ShipMethods\_v2

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type      |
|--|-----------|
|  SEQUENCE |           |
| tns:ShipMethodID   | s:int     |
| tns:Description  | s:string  |
| tns:Price  | s:decimal |
| tns:SortOrder  | s:int     |
| tns:SMTSortOrder   | s:int     |




## Complex Type: tns:ShipMethods\_v3

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type      |
|--|-----------|
|  SEQUENCE |           |
| tns:ShipMethodID   | s:int     |
| tns:Description  | s:string  |
| tns:Price  | s:decimal |
| tns:PriceInclTax   | s:double  |
| tns:TaxRate  | s:double  |
| tns:SortOrder  | s:int     |
| tns:SMTSortOrder   | s:int     |


## Complex Type: tns:Tokenized\_PaymentInfo

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type               |
|--|--------------------|
|  SEQUENCE |                    |
| tns:Amount   | s:double           |
| tns:PaymentDetails   | tns:PaymentDetails |

## Complex Type: tns:TokenizedPaymentRequestFormAdyenResponse

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component               | Type                     |
|-------------------------|--------------------------|
| SEQUENCE                |                          |
| tns:RequestID           | s:int                    |
| tns:Success             | s:int                    |
| tns:Message             | s:string                 |
| tns:MerchantReference   | s:string                 |
| tns:PaymentAmount       | s:string                 |
| tns:CurrencyCode        | s:string                 |
| tns:ShipBeforeDate      | s:string                 |
| tns:SkinCode            | s:string                 |
| tns:MerchantAccount     | s:string                 |
| tns:ShopperLocale       | s:string                 |
| tns:OrderData           | s:string                 |
| tns:SessionValidity     | s:string                 |
| tns:MerchantSig         | s:string                 |
| tns:CountryCode         | s:string                 |
| tns:ShopperEmail        | s:string                 |
| tns:ShopperReference    | s:string                 |
| tns:RecurringContract   | s:string                 |
| tns:RecurringDetailName | s:string                 |
| tns:MerchantReturnData  | s:string                 |
| tns:Shopper             | tns:AdyenShopper         |
| tns:BillingAddress      | tns:AdyenBillingAddress  |
| tns:DeliveryAddress     | tns:AdyenDeliveryAddress |
| tns:OpenInvoiceData     | tns:OpenInvoiceData      |


## Complex Type: tns:TypesReturn

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:ID   | s:int    |
| tns:Description  | s:string |
| tns:Abbreviation   | s:string |
| tns:OrderType  | s:string |
| tns:AutoshipOrderType  | s:string |
| tns:DefaultValue   | s:int    |


## Complex Type: tns:UpdateCustomerInfo

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:NewCustomerID  | s:string |
| tns:Company  | s:string |
| tns:Firstname  | s:string |
| tns:Lastname   | s:string |
| tns:Email  | s:string |
| tns:BillStreet1  | s:string |
| tns:BillStreet2  | s:string |
| tns:BillCity   | s:string |
| tns:BillState  | s:string |
| tns:BillPostalCode   | s:string |
| tns:BillCounty   | s:string |
| tns:BillCountry  | s:string |
| tns:Phone1   | s:string |
| tns:Phone2   | s:string |


## Complex Type: tns:UpdateCustomerInfo\_v2

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:NewCustomerID  | s:string |
| tns:Company  | s:string |
| tns:Firstname  | s:string |
| tns:Lastname   | s:string |
| tns:Email  | s:string |
| tns:BillStreet1  | s:string |
| tns:BillStreet2  | s:string |
| tns:BillCity   | s:string |
| tns:BillState  | s:string |
| tns:BillPostalCode   | s:string |
| tns:BillCounty   | s:string |
| tns:BillCountry  | s:string |
| tns:Phone1   | s:string |
| tns:Phone2   | s:string |
| tns:PreferredCulture   | s:string |


## Complex Type: tns:UpdateCustomerInfoWithShipping

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:NewCustomerID  | s:string |
| tns:Company  | s:string |
| tns:Firstname  | s:string |
| tns:Lastname   | s:string |
| tns:Email  | s:string |
| tns:BillStreet1  | s:string |
| tns:BillStreet2  | s:string |
| tns:BillCity   | s:string |
| tns:BillState  | s:string |
| tns:BillPostalCode   | s:string |
| tns:BillCounty   | s:string |
| tns:BillCountry  | s:string |
| tns:ShipStreet1  | s:string |
| tns:ShipStreet2  | s:string |
| tns:ShipCity   | s:string |
| tns:ShipState  | s:string |
| tns:ShipPostalCode   | s:string |
| tns:ShipCounty   | s:string |
| tns:ShipCountry  | s:string |
| tns:Phone1   | s:string |
| tns:Phone2   | s:string |

# Complex Type: tns:UpdateCustomerPasswordRequest

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component            | Type     |
|----------------------|----------|
| SEQUENCE             |          |
| tns:CustomerDID      | s:string |
| tns:PasswordResetKey | s:string |
| tns:NewPassword      | s:string |




## Complex Type: tns:UpdateOnlineCustomerRequest

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:OnlineCustomerID   | s:int    |
| tns:RepNumber  | s:string |
| tns:Firstname  | s:string |
| tns:Lastname   | s:string |
| tns:Company  | s:string |
| tns:BillStreet1  | s:string |
| tns:BillStreet2  | s:string |
| tns:BillCity   | s:string |
| tns:BillState  | s:string |
| tns:BillPostalCode   | s:string |
| tns:BillCounty   | s:string |
| tns:BillCountry  | s:string |
| tns:ShipStreet1  | s:string |
| tns:ShipStreet2  | s:string |
| tns:ShipCity   | s:string |
| tns:ShipState  | s:string |
| tns:ShipPostalCode   | s:string |
| tns:ShipCounty   | s:string |
| tns:ShipCountry  | s:string |
| tns:TaxID  | s:string |
| tns:TaxID2   | s:string |
| tns:Phone1   | s:string |
| tns:Phone2   | s:string |
| tns:Phone3   | s:string |
| tns:Phone4   | s:string |
| tns:Phone5   | s:string |
| tns:Phone6   | s:string |
| tns>Password   | s:string |
| tns:Email  | s:string |

| Component            | Type       |
|----------------------|------------|
| tns:CustomerTypeID   | s:int      |
| tns:StatusTypeID     | s:int      |
| tns:IPAddress        | s:string   |
| tns:PreferredCulture | s:int      |
| tns:BCNumber         | s:int      |
| tns:ReferCustomerDID | s:string   |
| tns:DateOfBirth      | s:dateTime |

# Complex Type: tns:UpdateOnlineCustomerResult

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |


## Complex Type: tns:UpdateOnlineSignupRequest

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:OnlineSignupID   | s:int    |
| tns:SponsorRepNumber   | s:string |
| tns:Firstname  | s:string |
| tns:Lastname   | s:string |
| tns:Company  | s:string |
| tns:BillStreet1  | s:string |
| tns:BillStreet2  | s:string |
| tns:BillCity   | s:string |
| tns:BillState  | s:string |
| tns:BillPostalCode   | s:string |
| tns:BillCounty   | s:string |
| tns:BillCountry  | s:string |
| tns:ShipStreet1  | s:string |
| tns:ShipStreet2  | s:string |
| tns:ShipCity   | s:string |
| tns:ShipState  | s:string |
| tns:ShipPostalCode   | s:string |
| tns:ShipCounty   | s:string |
| tns:ShipCountry  | s:string |
| tns:TaxID  | s:string |
| tns:TaxID2   | s:string |
| tns:Phone1   | s:string |
| tns:Phone2   | s:string |
| tns:Phone3   | s:string |
| tns:Phone4   | s:string |
| tns:Phone5   | s:string |
| tns:Phone6   | s:string |
| tns:ReplicatedURL  | s:string |
| tns:ReplicatedText   | s:string |

| Component            | Type       |
|----------------------|------------|
| tns:Password         | s:string   |
| tns:Email            | s:string   |
| tns:RepTypeID        | s:int      |
| tns:DateOfBirth      | s:dateTime |
| tns:IPAddress        | s:string   |
| tns:PreferredCulture | s:int      |
| tns:PayoutMethodID   | s:int      |
| tns:RomanizedName    | s:string   |


## Complex Type: tns:UpdateOnlineSignupResult

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |


## Complex Type: tns:UpdateRepInfo

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:NewRepID   | s:string |
| tns:Company  | s:string |
| tns:Firstname  | s:string |
| tns:Lastname   | s:string |
| tns:Email  | s:string |
| tns:BillStreet1  | s:string |
| tns:BillStreet2  | s:string |
| tns:BillCity   | s:string |
| tns:BillState  | s:string |
| tns:BillPostalCode   | s:string |
| tns:BillCounty   | s:string |
| tns:BillCountry  | s:string |
| tns:ShipStreet1  | s:string |
| tns:ShipStreet2  | s:string |
| tns:ShipCity   | s:string |
| tns:ShipState  | s:string |
| tns:ShipPostalCode   | s:string |
| tns:ShipCounty   | s:string |
| tns:ShipCountry  | s:string |
| tns:Phone1   | s:string |
| tns:Phone2   | s:string |
| tns:PictureFilename  | s:string |
| tns:ReplicatedSiteText   | s:string |
| tns:URL  | s:string |


## Complex Type: tns:UpdateRepInfo\_v2

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:NewRepNumber   | s:string |
| tns:Company  | s:string |
| tns:Firstname  | s:string |
| tns:Lastname   | s:string |
| tns:Email  | s:string |
| tns:BillStreet1  | s:string |
| tns:BillStreet2  | s:string |
| tns:BillCity   | s:string |
| tns:BillState  | s:string |
| tns:BillPostalCode   | s:string |
| tns:BillCounty   | s:string |
| tns:BillCountry  | s:string |
| tns:ShipStreet1  | s:string |
| tns:ShipStreet2  | s:string |
| tns:ShipCity   | s:string |
| tns:ShipState  | s:string |
| tns:ShipPostalCode   | s:string |
| tns:ShipCounty   | s:string |
| tns:ShipCountry  | s:string |
| tns:Phone1   | s:string |
| tns:Phone2   | s:string |
| tns:Phone3   | s:string |
| tns:Phone4   | s:string |
| tns:Phone5   | s:string |
| tns:Phone6   | s:string |
| tns:PictureFilename  | s:string |
| tns:ReplicatedSiteText   | s:string |
| tns:URL  | s:string |
| tns:Password   | s:string |



| Component       | Type     |
|-----------------|----------|
| tns:TaxID       | s:string |
| tns:DateOfBirth | s:string |

# Complex Type: tns:UpdateRepPayoutMethodInfo

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component          | Type     |
|--------------------|----------|
| SEQUENCE           |          |
| tns:VendorName     | s:string |
| tns:RoutingNumber  | s:string |
| tns:AcctNumber     | s:string |
| tns:AcctType       | s:string |
| tns:PayoutMethodID | s:string |

**Referenced By**

- Complex Type tns:UpdateRepPayoutMethodInfoV2

# Complex Type: tns:UpdateRepPayoutMethodInfoV2

## Derived By

Extending tns:UpdateRepPayoutMethodInfo

## Content Model

Contains elements as defined in the following table.

| Component          | Type     |
|--------------------|----------|
| SEQUENCE           |          |
| tns:VendorName     | s:string |
| tns:RoutingNumber  | s:string |
| tns:AcctNumber     | s:string |
| tns:AcctType       | s:string |
| tns:PayoutMethodID | s:string |
| tns:PayToName      | s:string |

# Complex Type: tns:UpdateRepPrefPlacement

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component             | Type     |
|-----------------------|----------|
| SEQUENCE              |          |
| tns:PlacementRepDID   | s:string |
| tns:PlacementBCDID    | s:string |
| tns:BCDID             | s:string |
| tns:PlacementPosition | s:string |


## Complex Type: tns:UpgradeCustomerResponse

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |
| tns:RepID  | s:string |

# Complex Type: tns:ValidatePartyIDResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                |
|---------------|---------------------|
| SEQUENCE      |                     |
| tns:RequestID | s:int               |
| tns:Success   | s:int               |
| tns:Message   | s:string            |
| tns:PartyInfo | tns:PartyInfoReturn |

# Complex Type: tns:WarehouseInfo

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component                | Type     |
|--------------------------|----------|
| SEQUENCE                 |          |
| tns:WarehouseID          | s:int    |
| tns:WarehouseDescription | s:string |
| tns:OnHandAvailable      | s:int    |
| tns:OnHandWarehouse      | s:int    |

# Complex Type: tns:ZipBlock

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type              |
|------------|-------------------|
| SEQUENCE   |                   |
| tns:City   | tns:ArrayOfString |
| tns:State  | tns:ArrayOfString |
| tns:County | tns:ArrayOfString |




## Complex Type: tns:ZipBlock\_v2

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:City   | s:string |
| tns:State  | s:string |
| tns:County   | s:string |

## Simple Types: ByDesign Online API

### Simple Types

| Name                        |
|-----------------------------|
| tns:AddressTypes            |
| tns:ARTypes                 |
| tns:AssociationType         |
| tns:GiftCardTransactionType |
| s1:guid                     |
| tns:OrderType               |

## Simple Type: tns:AddressTypes

### Derived By

Restricting s:string

## Simple Type: tns:ARTypes

### Derived By

Restricting s:string

## **Simple Type: tns:AssociationType**

### **Derived By**

Restricting s:string

## **Simple Type: tns:GiftCardTransactionType**

### **Derived By**

Restricting s:string

## Simple Type: s1:guid

### Derived By

Restricting s:string

## Simple Type: tns:OrderType

### Derived By

Restricting s:string



## ByDesign Extranet API Web Service

### Description

This is the main API to be used for integrations related to a Representative's BackOffice. This API offers many reporting elements as well as various other actions such as ticket management, shipping profiles, and preferred placement.

### Type

SOAP

### Style

Document

### See Also

Methods | Complex Types

## Methods: ByDesign Extranet API

### Methods

| Name                     | Description  |
|--------------------------|--|
| BindGenealogyTypes       | This method will return the list of Genealogy Types binded to the genealogies within the system that are set to be shown on the user's personal backoffice.  |
| BindRanks                | This method will return all ranks within the system.   |
| CreateShippingProfile    | This method will create a shipping profile for a Customer or Representative. These can be recalled by using the method GetShippingProfiles.  |
| CreateTroubleTickets     | This method allows one to create a ticket for context given within the parameters.   |
| CustomerToRep            | This method will upgrade a customer to a representative. Note: If any special rules apply to a customer qualifying to upgrade to a representative, this must be handled in checks within the integration. Unless custom work is done, this method will always attempt to upgrade a customer. |
| GetCoApplicantInfo       | This method will return co-applicant details.  |
| GetCommissionDetails     | Returns the drilldown details for a bonus type, or for all bonus types, for a specific bonus period.   |
| GetCommissionDetailsBC   | For a given RepNumber and Bonus Period ID, one can return a commission detail report with a list of pay amounts and percentages. For example, Rep 101-2 would be a RepNumber of 101 and a BCNumber of 2.   |
| GetCommissions           | This method will return a report showing the relative bonus periods and commission paid for a given RepNumber.   |
| GetCommissionsBC         | This method will return the relative bonus periods and and commissions paid for a given RepNumber and BCNumber. For example, Rep 101-2 would be a RepNumber of 101 and a BCNumber of 2.  |
| GetCommissionSubtotals   | For a given RepNumber and BonusRunID, this method will return a list of subtotals for each bonus type for the given bonus period.  |
| GetCommissionSubtotalsBC | For a given RepNumber, BCNumber, and BonusRunID, this method will return a list of subtotals for each bonus type for the given bonus period. For example, Rep 101-2 would be a RepNumber of 101 and a BCNumber of 2.   |
| GetCustomerOrders        | This method will return all customer's orders for a given RepNumber.   |
| GetDownlineReturnOrders  | Return all return orders in a Rep's downline for the current day plus the past 30 days.  |
| GetEarnings              | This method returns earning information such as Check Notes, Check Numbers, Payout Dates, Bonus Amounts, Adjustment Amounts, and etc. for a given RepNumber.   |
| GetEarnings_V2           | This method returns earning information such as Check Notes, Check Numbers, Payout Dates, Bonus Amounts, Adjustment Amounts, and etc. for a given RepNumber.   |

| Name                       | Description   |
|----------------------------|---|
| GetEarnings_V3             | This method returns earning information such as Check Notes, Check Numbers, Payout Dates, Bonus Amounts, Adjustment Amounts, and etc. for a given RepNumber. Also includes information regarding Base Currency and Rep Currency.  |
| GetGenealogyReport         | This method will return a dataset that gives the structure of the genealogy usually with volume statistics as well. However, this method calls a custom procedure that can be specific to a particular genealogy/client so there is no defined structure for the dataset returned in this method. If one does not want to specify the join date, simply don't pass those elements. If one does not want to specify the RankTypeID, just pass it in as '1'. If one does not specify the State, City, or Postal Code, one can leave them as empty strings. If one does not want to specify the the specific level, just pass it in as '-1'. Please note that this simply calls GetGenealogyReport_v2 with the same parameters and a MaxLevelsDeep set to '-1'.  |
| GetGenealogyReport_v2      | This method will return a dataset that gives the structure of the genealogy usually with volume statistics as well. However, this method calls a custom procedure that can be specific to a particular genealogy/client so there is no defined structure for the dataset returned in this method. If one does not want to specify the join date, simply don't pass those elements. If one does not want to specify the RankTypeID, just pass it in as '1'. If one does not specify the State, City, or Postal Code, one can leave them as empty strings. If one does not want to specify the the specific level, just pass it in as '-1'. If one does not want to specify the MaxLevelsDeep, just pass it in as '-1'.   |
| GetGenealogyReportExtended | This method will return a dataset that gives the structure of the genealogy usually with volume statistics as well. However, this method calls a custom procedure that can be specific to a particular genealogy/client so there is no defined structure for the dataset returned in this method. If one does not want to specify the join date, simply don't pass those elements. If one does not want to specify the RankTypeID, just pass it in as '1'. If one does not specify the State, City, or Postal Code, one can leave them as empty strings. If one does not want to specify the the specific level, just pass it in as '-1'. This essentially calls GetGenealogyReport but allows one to include cancelled reps within the returned genealogy dataset. If one is not going to include cancelled reps, it is suggested call GetGenealogyReport instead. |
| GetHoldingTank             | This method will return a list of signups within the holding tank of a given RepNumber.   |
| GetHoldingTankSettings     | This method will return a list of holding tank settings available.  |
| GetOrders                  | This method will last 16 orders for a given RepNumber. However, if all orders are needed, one can set ShowAll to 1 in order to return all orders.   |
| GetOrdersByCustomer        | This method will last 16 orders for a given CustomerNumber. However, if all orders are needed, one can set ShowAll to 1 in order to return all orders.  |
| GetPaidAdjustmentsDetail   | Returns the details of all Adjustments paid to a Rep for a specific payout..  |
| GetPersSponByLeg           | This method will return the list of personally sponsored signups for a given RepNumber and BCNumber. For example, Rep 101-2 would be a RepNumber of 101 and a BCNumber of 2.  |

**Methods**

| Name                                 | Description  |
|--------------------------------------|--|
| GetPreferredPlacement                | This method will return the preferred placement for a given RepNumber and BCNumber. For example, Rep 101-2 would be a RepNumber of 101 and a BCNumber of 2.  |
| GetRecentGrowthStatistics            |  |
| GetRepsByEmail                       | This method will return the Rep(s) associated to a given email.  |
| GetRepSocialNetworks                 | This method will return a list of social networks for a given RepNumber.   |
| GetShippingProfiles                  | This method will return a list of shipping profiles for a given Representative or Customer.  |
| GetTroubleTicket                     | This method will return the summary for a given Ticket ID.   |
| GetTroubleTickets                    | This method will return a list of tickets for given RepNumber.   |
| GetTroubleTicketsDetails             | This method will return the details for a given Ticket ID.   |
| GetTroubleTicketsStatusTypes         | This method will return a list of status types available for tickets within the system.  |
| GetVolumeReport                      | This method can be used to return a volume report for for a RepNumber. This returns the dataset used to display the Rep Volume report as shown in the Freedom Extranet.  |
| GetVolumeReportByLevelDetails        |  |
| GetVolumeReportByLevelDetailsSummary |  |
| GetVolumeReportDetailByLeg           | This method will return a volume report for a representative and volume type. The returned data will be ordered by leg volume.   |
| GetVolumeReportDetailByLeg2          | This method will return a volume report for a given RepNumber and VolumeTypeID. The dataset will contain a list of orders with the respective volume for each order relative to the volume type specified.   |
| GetVolumeReportDetailByLeg2Summary   |  |
| GetVolumeReportDetails               | This method can be used to add detail to a custom generated volume report. This method will take a RepNumber, Volume Type ID, and Volume Column Name and will return a dataset with a detailed report defining where the number shown on the volume report is aggregated from.   |
| GetVolumeReportDetailsSummary        | This method can be used to add detail to a custom generated volume report. This method will take a RepNumber, Volume Type ID, and Volume Column Name and will return a column/description summary report defining where the number shown on the volume report is aggregated from. For further detail, one can use the method GetVolumeReportDetails. |
| GetVolumeReportPersonalDetails       | This method can be used to add detail to a custom generated volume report. This method will take a RepNumber, Volume Type ID, and Volume Column Name and will return a dataset with a detailed report defining where the number shown on the volume report is aggregated from related to PV.   |
| GetVolumeTotalsByLevel               |  |

| Name                  | Description   |
|-----------------------|---|
| GetVolumeTotalsByRep  |   |
| LocateARep            | This method allows one to return a list of the reps within the given context. Please note: One should keep the RowsToReturn to a reasonable amount. Note: one cannot search by just the Country, further detail must be given.  |
| LocateRepsInRange     | For a given search context, this method will return the list of representatives within the area. Note: The default rows to return is 20 and is the suggested maximum.   |
| SetPreferredPlacement | This method allows one to update the preferred placement for a given RepNumber and BCNumber. For example, Rep 101-2 would be a RepNumber of 101 and a BCNumber of 2.  |
| UpdateCoApplicantInfo | This method will return co-applicant details.   |
| UpdateHoldingTank     | This method can be used to place a signup in the downline of the sponsor Rep from the holding tank for a given RepNumber, signup RepNumber, placement RepNumber, and BCposition. The RepNumber is the sponsor. The signup RepNumber is the rep within the sponsor's holding tank. The placement RepNumber is the rep for which one wants to place the signup Rep. The BCPosition is the position for which one wants to place the signup Rep. |
| UpdateShippingProfile | This method will update a shipping profile for the given Shipping Profile ID.   |
| UpdateTroubleTickets  | This method allows one to update the message/content of a given ticket context.   |

## Method: BindGenealogyTypes

### Description

This method will return the list of Genealogy Types binded to the genealogies within the system that are set to be shown on the user's personal backoffice.

### Input (Literal)

The input of this method is the argument BindGenealogyTypes having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the argument BindGenealogyTypesResponse having the structure defined by the following table.

| Element                      | Type               |
|------------------------------|--------------------|
| SEQUENCE                     |                    |
| tns:BindGenealogyTypesResult | tns:GenealogyTypes |

## Method: BindRanks

### Description

This method will return all ranks within the system.

### Input (Literal)

The input of this method is the argument BindRanks having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the argument BindRanksResponse having the structure defined by the following table.

| Element             | Type      |
|---------------------|-----------|
| SEQUENCE            |           |
| tns:BindRanksResult | tns:Ranks |


## Method: CreateShippingProfile

### Description

This method will create a shipping profile for a Customer or Representative. These can be recalled by using the method GetShippingProfiles.


### Input (Literal)

The input of this method is the argument CreateShippingProfile having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:CustomerNumber   | s:string        |
| tns:Description  | s:string        |
| tns:FirstName  | s:string        |
| tns:LastName   | s:string        |
| tns:Street1  | s:string        |
| tns:Street2  | s:string        |
| tns:City   | s:string        |
| tns:State  | s:string        |
| tns:PostalCode   | s:string        |
| tns:County   | s:string        |
| tns:Country  | s:string        |
| tns:Phone  | s:string        |
| tns:Email  | s:string        |

### Output (Literal)

The output of this method is the argument CreateShippingProfileResponse having the structure defined by the following table.

| Element  | Type                              |
|--|-----------------------------------|
|  SEQUENCE |                                   |
| tns:CreateShippingProfileResult  | tns:CreateShippingProfileResponse |




## Method: CreateTroubleTickets

### Description

This method allows one to create a ticket for context given within the parameters.


### Input (Literal)

The input of this method is the argument CreateTroubleTickets having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:OrderNumber  | s:int           |
| tns:NotifyByEmail  | s:boolean       |
| tns:Subject  | s:string        |
| tns:Message  | s:string        |

### Output (Literal)

The output of this method is the argument CreateTroubleTicketsResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:CreateTroubleTicketsResult   | tns:GenericResponse |

## Method: CustomerToRep

### Description

This method will upgrade a customer to a representative. Note: If any special rules apply to a customer qualifying to upgrade to a representative, this must be handled in checks within the integration. Unless custom work is done, this method will always attempt to upgrade a customer.

### Input (Literal)

The input of this method is the argument CustomerToRep having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:CustomerNumber | s:string        |
| tns:SSN            | s:string        |

### Output (Literal)

The output of this method is the argument CustomerToRepResponse having the structure defined by the following table.

| Element                 | Type                      |
|-------------------------|---------------------------|
| SEQUENCE                |                           |
| tns:CustomerToRepResult | tns:CustomerToRepResponse |

## Method: GetCoApplicantInfo

### Description

This method will return co-applicant details.

### Input (Literal)

The input of this method is the argument GetCoApplicantInfo having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:RepNumber   | s:string        |

### Output (Literal)

The output of this method is the argument GetCoApplicantInfoResponse having the structure defined by the following table.

| Element                      | Type                       |
|------------------------------|----------------------------|
| SEQUENCE                     |                            |
| tns:GetCoApplicantInfoResult | tns:RepCoApplicantResponse |


## Method: GetCommissionDetails

### Description

Returns the drilldown details for a bonus type, or for all bonus types, for a specific bonus period.


### Input (Literal)

The input of this method is the argument GetCommissionDetails having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:BonusRunID   | s:int           |
| tns:BonusTypeID  | s:int           |

### Output (Literal)

The output of this method is the argument GetCommissionDetailsResponse having the structure defined by the following table.

| Element  | Type                           |
|--|--------------------------------|
|  SEQUENCE |                                |
| tns:GetCommissionDetailsResult   | tns:GetCommissionDetailsResult |


## Method: GetCommissionDetailsBC

### Description

For a given RepNumber and Bonus Period ID, one can return a commission detail report with a list of pay amounts and percentages. For example, Rep 101-2 would be a RepNumber of 101 and a BCNumber of 2.


### Input (Literal)

The input of this method is the argument GetCommissionDetailsBC having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:BonusPeriodID  | s:double        |
| tns:BCNumber   | s:int           |

### Output (Literal)

The output of this method is the argument GetCommissionDetailsBCResponse having the structure defined by the following table.

| Element  | Type                    |
|--|-------------------------|
|  SEQUENCE |                         |
| tns:GetCommissionDetailsBCResult   | s:anyType (restriction) |

## Method: GetCommissions

### Description

This method will return a report showing the relative bonus periods and commission paid for a given RepNumber.

### Input (Literal)

The input of this method is the argument GetCommissions having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:RepNumber   | s:string        |

### Output (Literal)

The output of this method is the argument GetCommissionsResponse having the structure defined by the following table.

| Element                  | Type            |
|--------------------------|-----------------|
| SEQUENCE                 |                 |
| tns:GetCommissionsResult | tns:Commissions |

## Method: GetCommissionsBC

### Description

This method will return the relative bonus periods and and commissions paid for a given RepNumber and BCNumber. For example, Rep 101-2 would be a RepNumber of 101 and a BCNumber of 2.

### Input (Literal)

The input of this method is the argument GetCommissionsBC having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:RepNumber   | s:string        |
| tns:BCNumber    | s:int           |

### Output (Literal)

The output of this method is the argument GetCommissionsBCResponse having the structure defined by the following table.

| Element                    | Type            |
|----------------------------|-----------------|
| SEQUENCE                   |                 |
| tns:GetCommissionsBCResult | tns:Commissions |


## Method: GetCommissionSubtotals

### Description

For a given RepNumber and BonusRunID, this method will return a list of subtotals for each bonus type for the given bonus period.


### Input (Literal)

The input of this method is the argument GetCommissionSubtotals having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:BonusRunID   | s:int           |

### Output (Literal)

The output of this method is the argument GetCommissionSubtotalsResponse having the structure defined by the following table.

| Element  | Type                    |
|--|-------------------------|
|  SEQUENCE |                         |
| tns:GetCommissionSubtotalsResult   | tns:CommissionSubtotals |




## Method: GetCommissionSubtotalsBC

### Description

For a given RepNumber, BCNumber, and BonusRunID, this method will return a list of subtotals for each bonus type for the given bonus period. For example, Rep 101-2 would be a RepNumber of 101 and a BCNumber of 2.


### Input (Literal)

The input of this method is the argument GetCommissionSubtotalsBC having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:BonusRunID   | s:int           |
| tns:BCNumber   | s:int           |

### Output (Literal)

The output of this method is the argument GetCommissionSubtotalsBCResponse having the structure defined by the following table.

| Element  | Type                    |
|--|-------------------------|
|  SEQUENCE |                         |
| tns:GetCommissionSubtotalsBCResult   | tns:CommissionSubtotals |


## Method: GetCustomerOrders

### Description

This method will return all customer's orders for a given RepNumber.


### Input (Literal)

The input of this method is the argument GetCustomerOrders having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |

### Output (Literal)

The output of this method is the argument GetCustomerOrdersResponse having the structure defined by the following table.

| Element  | Type                    |
|--|-------------------------|
|  SEQUENCE |                         |
| tns:GetCustomerOrdersResult  | s:anyType (restriction) |


## Method: GetDownlineReturnOrders

### Description

Return all return orders in a Rep's downline for the current day plus the past 30 days.


### Input (Literal)

The input of this method is the argument GetDownlineReturnOrders having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |

### Output (Literal)

The output of this method is the argument GetDownlineReturnOrdersResponse having the structure defined by the following table.

| Element  | Type                    |
|--|-------------------------|
|  SEQUENCE |                         |
| tns:GetDownlineReturnOrdersResult  | s:anyType (restriction) |

## Method: GetEarnings

### Description

This method returns earning information such as Check Notes, Check Numbers, Payout Dates, Bonus Amounts, Adjustment Amounts, and etc. for a given RepNumber.

### Input (Literal)

The input of this method is the argument GetEarnings having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:RepNumber   | s:int           |

### Output (Literal)

The output of this method is the argument GetEarningsResponse having the structure defined by the following table.

| Element               | Type                 |
|-----------------------|----------------------|
| SEQUENCE              |                      |
| tns:GetEarningsResult | tns:EarningsResponse |

## Method: GetEarnings\_V2

### Description

This method returns earning information such as Check Notes, Check Numbers, Payout Dates, Bonus Amounts, Adjustment Amounts, and etc. for a given RepNumber.

### Input (Literal)

The input of this method is the argument GetEarnings\_V2 having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:RepNumber   | s:int           |

### Output (Literal)

The output of this method is the argument GetEarnings\_V2Response having the structure defined by the following table.

| Element                  | Type                    |
|--------------------------|-------------------------|
| SEQUENCE                 |                         |
| tns:GetEarnings_V2Result | tns:EarningsResponse_V2 |

## Method: GetEarnings\_V3

### Description

This method returns earning information such as Check Notes, Check Numbers, Payout Dates, Bonus Amounts, Adjustment Amounts, and etc. for a given RepNumber. Also includes information regarding Base Currency and Rep Currency.

### Input (Literal)

The input of this method is the argument GetEarnings\_V3 having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:RepNumber   | s:int           |

### Output (Literal)

The output of this method is the argument GetEarnings\_V3Response having the structure defined by the following table.

| Element                  | Type                    |
|--------------------------|-------------------------|
| SEQUENCE                 |                         |
| tns:GetEarnings_V3Result | tns:EarningsResponse_V3 |

## Method: GetGenealogyReport

### Description

This method will return a dataset that gives the structure of the genealogy usually with volume statistics as well. However, this method calls a custom procedure that can be specific to a particular genealogy/client so there is no defined structure for the dataset returned in this method. If one does not want to specify the join date, simply don't pass those elements. If one does not want to specify the RankTypeID, just pass it in as '1'. If one does not specify the State, City, or Postal Code, one can leave them as empty strings. If one does not want to specify the the specific level, just pass it in as '-1'. Please note that this simply calls GetGenealogyReport\_v2 with the same parameters and a MaxLevelsDeep set to '-1'.

### Input (Literal)

The input of this method is the argument GetGenealogyReport having the structure defined by the following table.

| Element             | Type            |
|---------------------|-----------------|
| SEQUENCE            |                 |
| tns:Credentials     | tns:Credentials |
| tns:RepNumber       | s:string        |
| tns:GenealogyTypeID | s:int           |
| tns:JoinDateStart   | s:dateTime      |
| tns:JoinDateEnd     | s:dateTime      |
| tns:RankTypeID      | s:int           |
| tns:BillState       | s:string        |
| tns:BillCity        | s:string        |
| tns:BillPostalCode  | s:string        |
| tns:SpecificLevel   | s:int           |

### Output (Literal)

The output of this method is the argument GetGenealogyReportResponse having the structure defined by the following table.

| Element                      | Type                    |
|------------------------------|-------------------------|
| SEQUENCE                     |                         |
| tns:GetGenealogyReportResult | s:anyType (restriction) |

## Method: GetGenealogyReport\_v2

### Description

This method will return a dataset that gives the structure of the genealogy usually with volume statistics as well. However, this method calls a custom procedure that can be specific to a particular genealogy/client so there is no defined structure for the dataset returned in this method. If one does not want to specify the join date, simply don't pass those elements. If one does not want to specify the RankTypeID, just pass it in as '1'. If one does not specify the State, City, or Postal Code, one can leave them as empty strings. If one does not want to specify the the specific level, just pass it in as '-1'. If one does not want to specify the MaxLevelsDeep, just pass it in as '-1'.

### Input (Literal)

The input of this method is the argument GetGenealogyReport\_v2 having the structure defined by the following table.

| Element             | Type            |
|---------------------|-----------------|
| SEQUENCE            |                 |
| tns:Credentials     | tns:Credentials |
| tns:RepNumber       | s:string        |
| tns:GenealogyTypeID | s:int           |
| tns:JoinDateStart   | s:dateTime      |
| tns:JoinDateEnd     | s:dateTime      |
| tns:RankTypeID      | s:int           |
| tns:BillState       | s:string        |
| tns:BillCity        | s:string        |
| tns:BillPostalCode  | s:string        |
| tns:SpecificLevel   | s:int           |
| tns:MaxLevelsDeep   | s:int           |

### Output (Literal)

The output of this method is the argument GetGenealogyReport\_v2Response having the structure defined by the following table.

| Element                         | Type                    |
|---------------------------------|-------------------------|
| SEQUENCE                        |                         |
| tns:GetGenealogyReport_v2Result | s:anyType (restriction) |



## Method: GetGenealogyReportExtended

### Description

This method will return a dataset that gives the structure of the genealogy usually with volume statistics as well. However, this method calls a custom procedure that can be specific to a particular genealogy/client so there is no defined structure for the dataset returned in this method. If one does not want to specify the join date, simply don't pass those elements. If one does not want to specify the RankTypeID, just pass it in as '1'. If one does not specify the State, City, or Postal Code, one can leave them as empty strings. If one does not want to specify the specific level, just pass it in as '-1'. This essentially calls GetGenealogyReport but allows one to include cancelled reps within the returned genealogy dataset. If one is not going to include cancelled reps, it is suggested call GetGenealogyReport instead.

### Input (Literal)

The input of this method is the argument GetGenealogyReportExtended having the structure defined by the following table.

| Element                  | Type            |
|--------------------------|-----------------|
| SEQUENCE                 |                 |
| tns:Credentials          | tns:Credentials |
| tns:RepNumber            | s:string        |
| tns:GenealogyTypeID      | s:int           |
| tns:JoinDateStart        | s:dateTime      |
| tns:JoinDateEnd          | s:dateTime      |
| tns:RankTypeID           | s:int           |
| tns:BillState            | s:string        |
| tns:BillCity             | s:string        |
| tns:BillPostalCode       | s:string        |
| tns:SpecificLevel        | s:int           |
| tns:IncludeCancelledReps | s:int           |

### Output (Literal)

The output of this method is the argument GetGenealogyReportExtendedResponse having the structure defined by the following table.

| Element                              | Type                    |
|--------------------------------------|-------------------------|
| SEQUENCE                             |                         |
| tns:GetGenealogyReportExtendedResult | s:anyType (restriction) |

## Method: GetHoldingTank

### Description

This method will return a list of signups within the holding tank of a given RepNumber.

### Input (Literal)

The input of this method is the argument GetHoldingTank having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:RepNumber   | s:string        |

### Output (Literal)

The output of this method is the argument GetHoldingTankResponse having the structure defined by the following table.

| Element                  | Type                |
|--------------------------|---------------------|
| SEQUENCE                 |                     |
| tns:GetHoldingTankResult | tns:HoldingTankReps |


# Method: GetHoldingTankSettings

## Description

This method will return a list of holding tank settings available.


## Input (Literal)

The input of this method is the argument GetHoldingTankSettings having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |

## Output (Literal)

The output of this method is the argument GetHoldingTankSettingsResponse having the structure defined by the following table.

| Element  | Type                    |
|--|-------------------------|
|  SEQUENCE |                         |
| tns:GetHoldingTankSettingsResult   | tns:HoldingTankSettings |


## Method: GetOrders

### Description

This method will last 16 orders for a given RepNumber. However, if all orders are needed, one can set ShowAll to 1 in order to return all orders.


### Input (Literal)

The input of this method is the argument GetOrders having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |

### Output (Literal)

The output of this method is the argument GetOrdersResponse having the structure defined by the following table.

| Element  | Type                    |
|--|-------------------------|
|  SEQUENCE |                         |
| tns:GetOrdersResult  | s:anyType (restriction) |

## Method: GetOrdersByCustomer

### Description

This method will last 16 orders for a given CustomerNumber. However, if all orders are needed, one can set ShowAll to 1 in order to return all orders.

### Input (Literal)

The input of this method is the argument GetOrdersByCustomer having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:CustomerNumber | s:string        |

### Output (Literal)

The output of this method is the argument GetOrdersByCustomerResponse having the structure defined by the following table.

| Element                       | Type                    |
|-------------------------------|-------------------------|
| SEQUENCE                      |                         |
| tns:GetOrdersByCustomerResult | s:anyType (restriction) |


## Method: GetPaidAdjustmentsDetail

### Description

Returns the details of all Adjustments paid to a Rep for a specific payout..


### Input (Literal)

The input of this method is the argument GetPaidAdjustmentsDetail having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:PayoutProcessID  | s:int           |

### Output (Literal)

The output of this method is the argument GetPaidAdjustmentsDetailResponse having the structure defined by the following table.

| Element   | Type                              |
|---|-----------------------------------|
|  SEQUENCE |                                   |
| tns:GetPaidAdjustmentsDetailResult  | tns:PaidAdjustmentsDetailResponse |


## Method: GetPersSponByLeg

### Description

This method will return the list of personally sponsored signups for a given RepNumber and BCNumber. For example, Rep 101-2 would be a RepNumber of 101 and a BCNumber of 2.


### Input (Literal)

The input of this method is the argument GetPersSponByLeg having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:BCNumber   | s:int           |

### Output (Literal)

The output of this method is the argument GetPersSponByLegResponse having the structure defined by the following table.

| Element  | Type                    |
|--|-------------------------|
|  SEQUENCE |                         |
| tns:GetPersSponByLegResult   | s:anyType (restriction) |


## Method: GetPreferredPlacement

### Description

This method will return the preferred placement for a given RepNumber and BCNumber. For example, Rep 101-2 would be a RepNumber of 101 and a BCNumber of 2.


### Input (Literal)

The input of this method is the argument GetPreferredPlacement having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:BCNumber   | s:string        |

### Output (Literal)

The output of this method is the argument GetPreferredPlacementResponse having the structure defined by the following table.


| Element  | Type           |
|--|----------------|
|  SEQUENCE |                |
| tns:GetPreferredPlacementResult  | tns:Placements |



## Method: GetRecentGrowthStatistics


### Input (Literal)

The input of this method is the argument GetRecentGrowthStatistics having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:LocaleID   | s:int           |

### Output (Literal)

The output of this method is the argument GetRecentGrowthStatisticsResponse having the structure defined by the following table.

| Element  | Type                       |
|--|----------------------------|
|  SEQUENCE |                            |
| tns:GetRecentGrowthStatisticsResult  | tns:RecentGrowthStatistics |


## Method: GetRepsByEmail

### Description

This method will return the Rep(s) associated to a given email.


### Input (Literal)

The input of this method is the argument GetRepsByEmail having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:EmailAddress   | s:string        |

### Output (Literal)

The output of this method is the argument GetRepsByEmailResponse having the structure defined by the following table.

| Element  | Type        |
|--|-------------|
|  SEQUENCE |             |
| tns:GetRepsByEmailResult   | tns:GetReps |


## Method: GetRepSocialNetworks

### Description

This method will return a list of social networks for a given RepNumber.


### Input (Literal)

The input of this method is the argument GetRepSocialNetworks having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |

### Output (Literal)

The output of this method is the argument GetRepSocialNetworksResponse having the structure defined by the following table.

| Element  | Type                          |
|--|-------------------------------|
|  SEQUENCE |                               |
| tns:GetRepSocialNetworksResult   | tns:RepSocialNetworksResponse |


## Method: GetShippingProfiles

### Description

This method will return a list of shipping profiles for a given Representative or Customer.


### Input (Literal)

The input of this method is the argument GetShippingProfiles having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:CustomerNumber   | s:string        |

### Output (Literal)

The output of this method is the argument GetShippingProfilesResponse having the structure defined by the following table.

| Element   | Type                            |
|---|---------------------------------|
|  SEQUENCE |                                 |
| tns:GetShippingProfilesResult   | tns:GetShippingProfilesResponse |

# Method: GetTroubleTicket

## Description

This method will return the summary for a given Ticket ID.

## Input (Literal)

The input of this method is the argument GetTroubleTicket having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:TicketsID   | s:int           |

## Output (Literal)

The output of this method is the argument GetTroubleTicketResponse having the structure defined by the following table.

| Element                    | Type               |
|----------------------------|--------------------|
| SEQUENCE                   |                    |
| tns:GetTroubleTicketResult | tns:TroubleTickets |

## Method: GetTroubleTickets

### Description

This method will return a list of tickets for given RepNumber.

### Input (Literal)

The input of this method is the argument GetTroubleTickets having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:RepNumber   | s:string        |

### Output (Literal)

The output of this method is the argument GetTroubleTicketsResponse having the structure defined by the following table.

| Element                     | Type               |
|-----------------------------|--------------------|
| SEQUENCE                    |                    |
| tns:GetTroubleTicketsResult | tns:TroubleTickets |


## Method: GetTroubleTicketsDetails

### Description

This method will return the details for a given Ticket ID.


### Input (Literal)

The input of this method is the argument GetTroubleTicketsDetails having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:TicketID   | s:string        |

### Output (Literal)

The output of this method is the argument GetTroubleTicketsDetailsResponse having the structure defined by the following table.

| Element  | Type                     |
|--|--------------------------|
|  SEQUENCE |                          |
| tns:GetTroubleTicketsDetailsResult   | tns:TroubleTicketDetails |

## Method: GetTroubleTicketsStatusTypes

### Description

This method will return a list of status types available for tickets within the system.

### Input (Literal)

The input of this method is the argument GetTroubleTicketsStatusTypes having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the argument GetTroubleTicketsStatusTypesResponse having the structure defined by the following table.

| Element                                | Type                         |
|--|------------------------------|
| SEQUENCE                               |                              |
| tns:GetTroubleTicketsStatusTypesResult | tns:TroubleTicketStatusTypes |




## Method: GetVolumeReport

### Description

This method can be used to return a volume report for for a RepNumber. This returns the dataset used to display the Rep Volume report as shown in the Freedom Extranet.


### Input (Literal)

The input of this method is the argument GetVolumeReport having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |

### Output (Literal)


The output of this method is the argument GetVolumeReportResponse having the structure defined by the following table.

| Element  | Type                    |
|--|-------------------------|
|  SEQUENCE |                         |
| tns:GetVolumeReportResult  | s:anyType (restriction) |

## Method: GetVolumeReportByLevelDetails


### Input (Literal)

The input of this method is the argument GetVolumeReportByLevelDetails having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:VolumeTypeID   | s:int           |
| tns:ColumnName   | s:string        |
| tns:Level  | s:int           |

### Output (Literal)


The output of this method is the argument GetVolumeReportByLevelDetailsResponse having the structure defined by the following table.

| Element  | Type                    |
|--|-------------------------|
|  SEQUENCE |                         |
| tns:GetVolumeReportByLevelDetailsResult  | tns:VolumeReportDetails |

## Method: GetVolumeReportByLevelDetailsSummary


### Input (Literal)

The input of this method is the argument GetVolumeReportByLevelDetailsSummary having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:VolumeTypeID   | s:int           |
| tns:ColumnName   | s:string        |
| tns:Level  | s:int           |

### Output (Literal)

The output of this method is the argument GetVolumeReportByLevelDetailsSummaryResponse having the structure defined by the following table.

| Element  | Type                           |
|--|--------------------------------|
|  SEQUENCE |                                |
| tns:GetVolumeReportByLevelDetailsSummaryResult   | tns:VolumeReportDetailsSummary |


## Method: GetVolumeReportDetailByLeg

### Description

This method will return a volume report for a representative and volume type. The returned data will be ordered by leg volume.


### Input (Literal)

The input of this method is the argument GetVolumeReportDetailByLeg having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:VolumeTypeID   | s:int           |

### Output (Literal)

The output of this method is the argument GetVolumeReportDetailByLegResponse having the structure defined by the following table.

| Element  | Type                    |
|--|-------------------------|
|  SEQUENCE |                         |
| tns:GetVolumeReportDetailByLegResult   | s:anyType (restriction) |


## Method: GetVolumeReportDetailByLeg2

### Description

This method will return a volume report for a given RepNumber and VolumeTypeID. The dataset will contain a list of orders with the respective volume for each order relative to the volume type specified.


### Input (Literal)

The input of this method is the argument GetVolumeReportDetailByLeg2 having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:VolumeTypeID   | s:int           |

### Output (Literal)


The output of this method is the argument GetVolumeReportDetailByLeg2Response having the structure defined by the following table.

| Element  | Type                    |
|--|-------------------------|
|  SEQUENCE |                         |
| tns:GetVolumeReportDetailByLeg2Result  | s:anyType (restriction) |

## Method: GetVolumeReportDetailByLeg2Summary


### Input (Literal)

The input of this method is the argument GetVolumeReportDetailByLeg2Summary having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:VolumeTypeID   | s:int           |

### Output (Literal)

The output of this method is the argument GetVolumeReportDetailByLeg2SummaryResponse having the structure defined by the following table.

| Element  | Type                           |
|--|--------------------------------|
|  SEQUENCE |                                |
| tns:GetVolumeReportDetailByLeg2SummaryResult   | tns:VolumeReportDetailsSummary |

## Method: GetVolumeReportDetails

### Description

This method can be used to add detail to a custom generated volume report. This method will take a RepNumber, Volume Type ID, and Volume Column Name and will return a dataset with a detailed report defining where the number shown on the volume report is aggregated from.

### Input (Literal)

The input of this method is the argument GetVolumeReportDetails having the structure defined by the following table.

| Element          | Type            |
|------------------|-----------------|
| SEQUENCE         |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber    | s:string        |
| tns:VolumeTypeID | s:int           |
| tns:ColumnName   | s:string        |

### Output (Literal)

The output of this method is the argument GetVolumeReportDetailsResponse having the structure defined by the following table.

| Element                          | Type                    |
|----------------------------------|-------------------------|
| SEQUENCE                         |                         |
| tns:GetVolumeReportDetailsResult | tns:VolumeReportDetails |


## Method: GetVolumeReportDetailsSummary

### Description

This method can be used to add detail to a custom generated volume report. This method will take a RepNumber, Volume Type ID, and Volume Column Name and will return a column/description summary report defining where the number shown on the volume report is aggregated from. For further detail, one can use the method GetVolumeReportDetails.


### Input (Literal)

The input of this method is the argument GetVolumeReportDetailsSummary having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:VolumeTypeID   | s:int           |
| tns:ColumnName   | s:string        |

### Output (Literal)

The output of this method is the argument GetVolumeReportDetailsSummaryResponse having the structure defined by the following table.

| Element  | Type                           |
|--|--------------------------------|
|  SEQUENCE |                                |
| tns:GetVolumeReportDetailsSummaryResult  | tns:VolumeReportDetailsSummary |



## Method: GetVolumeReportPersonalDetails

### Description

This method can be used to add detail to a custom generated volume report. This method will take a RepNumber, Volume Type ID, and Volume Column Name and will return a dataset with a detailed report defining where the number shown on the volume report is aggregated from related to PV.

### Input (Literal)

The input of this method is the argument GetVolumeReportPersonalDetails having the structure defined by the following table.

| Element          | Type            |
|------------------|-----------------|
| SEQUENCE         |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber    | s:string        |
| tns:VolumeTypeID | s:int           |
| tns:ColumnName   | s:string        |

### Output (Literal)

The output of this method is the argument GetVolumeReportPersonalDetailsResponse having the structure defined by the following table.

| Element                                  | Type                            |
|--|---------------------------------|
| SEQUENCE                                 |                                 |
| tns:GetVolumeReportPersonalDetailsResult | tns:VolumeReportPersonalDetails |

## Method: GetVolumeTotalsByLevel

### Input (Literal)

The input of this method is the argument GetVolumeTotalsByLevel having the structure defined by the following table.

| Element          | Type            |
|------------------|-----------------|
| SEQUENCE         |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber    | s:string        |
| tns:VolumeTypeID | s:int           |

### Output (Literal)

The output of this method is the argument GetVolumeTotalsByLevelResponse having the structure defined by the following table.

| Element                          | Type                    |
|----------------------------------|-------------------------|
| SEQUENCE                         |                         |
| tns:GetVolumeTotalsByLevelResult | tns:VolumeReportDetails |

## Method: GetVolumeTotalsByRep

### Input (Literal)

The input of this method is the argument GetVolumeTotalsByRep having the structure defined by the following table.

| Element          | Type            |
|------------------|-----------------|
| SEQUENCE         |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber    | s:string        |
| tns:VolumeTypeID | s:int           |

### Output (Literal)

The output of this method is the argument GetVolumeTotalsByRepResponse having the structure defined by the following table.

| Element                        | Type                  |
|--------------------------------|-----------------------|
| SEQUENCE                       |                       |
| tns:GetVolumeTotalsByRepResult | tns:VolumeTotalsByRep |

## Method: LocateARep

### Description

This method allows one to return a list of the reps within the given context. Please note: One should keep the RowsToReturn to a reasonable amount. Note: one cannot search by just the Country, further detail must be given.

### Input (Literal)

The input of this method is the argument LocateARep having the structure defined by the following table.

| Element          | Type            |
|------------------|-----------------|
| SEQUENCE         |                 |
| tns:Credentials  | tns:Credentials |
| tns:FirstName    | s:string        |
| tns:LastName     | s:string        |
| tns:Street1      | s:string        |
| tns:City         | s:string        |
| tns:State        | s:string        |
| tns:PostalCode   | s:string        |
| tns:Country      | s:string        |
| tns:RowsToReturn | s:int           |

### Output (Literal)

The output of this method is the argument LocateARepResponse having the structure defined by the following table.

| Element              | Type           |
|----------------------|----------------|
| SEQUENCE             |                |
| tns:LocateARepResult | tns:RepDetails |


## Method: LocateRepsInRange

### Description

For a given search context, this method will return the list of representatives within the area. Note: The default rows to return is 20 and is the suggested maximum.


### Input (Literal)

The input of this method is the argument LocateRepsInRange having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:ZipCode  | s:string        |
| tns:Distance   | s:double        |
| tns:RowsToReturn   | s:int           |

### Output (Literal)

The output of this method is the argument LocateRepsInRangeResponse having the structure defined by the following table.

| Element  | Type           |
|--|----------------|
|  SEQUENCE |                |
| tns:LocateRepsInRangeResult  | tns:RepDetails |


## Method: SetPreferredPlacement

### Description

This method allows one to update the preferred placement for a given RepNumber and BCNumber. For example, Rep 101-2 would be a RepNumber of 101 and a BCNumber of 2.


### Input (Literal)

The input of this method is the argument SetPreferredPlacement having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:BCNumber   | s:string        |
| tns:PreferredPlacement   | s:string        |

### Output (Literal)

The output of this method is the argument SetPreferredPlacementResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:SetPreferredPlacementResult  | tns:GenericResponse |


## Method: UpdateCoApplicantInfo

### Description

This method will return co-applicant details.


### Input (Literal)

The input of this method is the argument UpdateCoApplicantInfo having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:CoFirstName  | s:string        |
| tns:CoLastName   | s:string        |
| tns:CoCompany  | s:string        |
| tns:CoTaxID  | s:string        |
| tns:CoEmail  | s:string        |

### Output (Literal)

The output of this method is the argument UpdateCoApplicantInfoResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateCoApplicantInfoResult  | tns:GenericResponse |


## Method: UpdateHoldingTank

### Description

This method can be used to place a signup in the downline of the sponsor Rep from the holding tank for a given RepNumber, signup RepNumber, placement RepNumber, and BCposition. The RepNumber is the sponsor. The signup RepNumber is the rep within the sponsor's holding tank. The placement RepNumber is the rep for which one wants to place the signup Rep. The BCPosition is the position for which one wants to place the signup Rep.


### Input (Literal)

The input of this method is the argument UpdateHoldingTank having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:SponsorRepNumber   | s:string        |
| tns:ToBePlacedRepNumber  | s:string        |
| tns:WhereToBePlacedRepNumber   | s:string        |
| tns:Position   | s:string        |

### Output (Literal)

The output of this method is the argument UpdateHoldingTankResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateHoldingTankResult  | tns:GenericResponse |




## Method: UpdateShippingProfile

### Description

This method will update a shipping profile for the given Shipping Profile ID.


### Input (Literal)

The input of this method is the argument UpdateShippingProfile having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:ShippingProfileID  | s:int           |
| tns:RepNumber  | s:string        |
| tns:CustomerNumber   | s:string        |
| tns:Description  | s:string        |
| tns:FirstName  | s:string        |
| tns:LastName   | s:string        |
| tns:Street1  | s:string        |
| tns:Street2  | s:string        |
| tns:City   | s:string        |
| tns:State  | s:string        |
| tns:PostalCode   | s:string        |
| tns:County   | s:string        |
| tns:Country  | s:string        |
| tns:Phone  | s:string        |
| tns:Email  | s:string        |

### Output (Literal)

The output of this method is the argument UpdateShippingProfileResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateShippingProfileResult  | tns:GenericResponse |


## Method: UpdateTroubleTickets

### Description

This method allows one to update the message/content of a given ticket context.


### Input (Literal)

The input of this method is the argument UpdateTroubleTickets having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:Tickets_ID   | s:double        |
| tns:Message  | s:string        |

### Output (Literal)

The output of this method is the argument UpdateTroubleTicketsResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateTroubleTicketsResult   | tns:GenericResponse |

## Complex Types: ByDesign Extranet API

### Complex Types

| Name                                  |
|---------------------------------------|
| tns:ArrayOfCommission                 |
| tns:ArrayOfCommissionSubtotal         |
| tns:ArrayOfEarningsDetail             |
| tns:ArrayOfEarningsDetail_V2          |
| tns:ArrayOfEarningsDetail_V3          |
| tns:ArrayOfGenealogyType              |
| tns:ArrayOfGetCommissionDetail        |
| tns:ArrayOfGetRepDetails              |
| tns:ArrayOfGetRepResponse             |
| tns:ArrayOfHoldingTankRep             |
| tns:ArrayOfHoldingTankSetting         |
| tns:ArrayOfPaidAdjustmentsDetail      |
| tns:ArrayOfPlacement                  |
| tns:ArrayOfPlacementOption            |
| tns:ArrayOfRank                       |
| tns:ArrayOfRecentGrowthStatistic      |
| tns:ArrayOfShippingProfile            |
| tns:ArrayOfTroubleTicket              |
| tns:ArrayOfTroubleTicketDetail        |
| tns:ArrayOfTroubleTicketStatusType    |
| tns:ArrayOfVolumeReportDetail         |
| tns:ArrayOfVolumeReportDetailSummary  |
| tns:ArrayOfVolumeReportPersonalDetail |
| tns:ArrayOfVolumeTotalByRep           |
| tns:Commission                        |
| tns:Commissions                       |
| tns:CommissionSubtotal                |
| tns:CommissionSubtotals               |
| tns>CreateShippingProfileResponse     |
| tns:Credentials                       |
| tns:CustomerToRepResponse             |
| tns:EarningsDetail                    |
| tns:EarningsDetail_V2                 |
| tns:EarningsDetail_V3                 |

| Name                              |
|-----------------------------------|
| tns:EarningsResponse              |
| tns:EarningsResponse_V2           |
| tns:EarningsResponse_V3           |
| tns:GenealogyType                 |
| tns:GenealogyTypes                |
| tns:GenericResponse               |
| tns:GetCommissionDetail           |
| tns:GetCommissionDetailsResult    |
| tns:GetRepDetails                 |
| tns:GetRepResponse                |
| tns:GetReps                       |
| tns:GetShippingProfilesResponse   |
| tns:HoldingTankRep                |
| tns:HoldingTankReps               |
| tns:HoldingTankSetting            |
| tns:HoldingTankSettings           |
| tns:PaidAdjustmentsDetail         |
| tns:PaidAdjustmentsDetailResponse |
| tns:Placement                     |
| tns:PlacementOption               |
| tns:Placements                    |
| tns:Rank                          |
| tns:Ranks                         |
| tns:RecentGrowthStatistic         |
| tns:RecentGrowthStatistics        |
| tns:RepCoApplicantResponse        |
| tns:RepDetails                    |
| tns:RepRank                       |
| tns:RepSocialNetworksResponse     |
| tns:ShippingProfile               |
| tns:TroubleTicket                 |
| tns:TroubleTicketDetail           |
| tns:TroubleTicketDetails          |
| tns:TroubleTickets                |
| tns:TroubleTicketStatusType       |
| tns:TroubleTicketStatusTypes      |
| tns:VolumeReportDetail            |

**Complex Types**

| Name                            |
|---------------------------------|
| tns:VolumeReportDetails         |
| tns:VolumeReportDetailsSummary  |
| tns:VolumeReportDetailSummary   |
| tns:VolumeReportPersonalDetail  |
| tns:VolumeReportPersonalDetails |
| tns:VolumeTotalByRep            |
| tns:VolumeTotalsByRep           |

# Complex Type: tns:ArrayOfCommission

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component      | Type           |
|----------------|----------------|
| SEQUENCE       |                |
| tns:Commission | tns:Commission |


## Complex Type: tns:ArrayOfCommissionSubtotal

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                   |
|--|------------------------|
|  SEQUENCE |                        |
| tns:CommissionSubtotal   | tns:CommissionSubtotal |

# Complex Type: tns:ArrayOfEarningsDetail

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component          | Type               |
|--------------------|--------------------|
| SEQUENCE           |                    |
| tns:EarningsDetail | tns:EarningsDetail |



# Complex Type: tns:ArrayOfEarningsDetail\_V2

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component             | Type                  |
|-----------------------|-----------------------|
| SEQUENCE              |                       |
| tns:EarningsDetail_V2 | tns:EarningsDetail_V2 |

# Complex Type: tns:ArrayOfEarningsDetail\_V3

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component             | Type                  |
|-----------------------|-----------------------|
| SEQUENCE              |                       |
| tns:EarningsDetail_V3 | tns:EarningsDetail_V3 |


# Complex Type: tns:ArrayOfGenealogyType

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type              |
|--|-------------------|
|  SEQUENCE |                   |
| tns:GenealogyType  | tns:GenealogyType |


# Complex Type: tns:ArrayOfGetCommissionDetail

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type                    |
|--|-------------------------|
|  SEQUENCE |                         |
| tns:GetCommissionDetail  | tns:GetCommissionDetail |

# Complex Type: tns:ArrayOfGetRepDetails

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component         | Type              |
|-------------------|-------------------|
| SEQUENCE          |                   |
| tns:GetRepDetails | tns:GetRepDetails |

# Complex Type: tns:ArrayOfGetRepResponse

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component          | Type               |
|--------------------|--------------------|
| SEQUENCE           |                    |
| tns:GetRepResponse | tns:GetRepResponse |


## Complex Type: tns:ArrayOfHoldingTankRep

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type               |
|--|--------------------|
|  SEQUENCE |                    |
| tns:HoldingTankRep   | tns:HoldingTankRep |


## Complex Type: tns:ArrayOfHoldingTankSetting

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                   |
|--|------------------------|
|  SEQUENCE |                        |
| tns:HoldingTankSetting   | tns:HoldingTankSetting |




## Complex Type: tns:ArrayOfPaidAdjustmentsDetail

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                      |
|--|---------------------------|
|  SEQUENCE |                           |
| tns:PaidAdjustmentsDetail  | tns:PaidAdjustmentsDetail |

# Complex Type: tns:ArrayOfPlacement

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component     | Type          |
|---------------|---------------|
| SEQUENCE      |               |
| tns:Placement | tns:Placement |


## Complex Type: tns:ArrayOfPlacementOption

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:PlacementOption  | tns:PlacementOption |

# Complex Type: tns:ArrayOfRank

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component | Type     |
|-----------|----------|
| SEQUENCE  |          |
| tns:Rank  | tns:Rank |


# Complex Type: tns:ArrayOfRecentGrowthStatistic

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type                      |
|--|---------------------------|
|  SEQUENCE |                           |
| tns:RecentGrowthStatistic  | tns:RecentGrowthStatistic |


# Complex Type: tns:ArrayOfShippingProfile

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:ShippingProfile  | tns:ShippingProfile |

# Complex Type: tns:ArrayOfTroubleTicket

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component         | Type              |
|-------------------|-------------------|
| SEQUENCE          |                   |
| tns:TroubleTicket | tns:TroubleTicket |

# Complex Type: tns:ArrayOfTroubleTicketDetail

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component               | Type                    |
|-------------------------|-------------------------|
| SEQUENCE                |                         |
| tns:TroubleTicketDetail | tns:TroubleTicketDetail |



# Complex Type: tns:ArrayOfTroubleTicketStatusType

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component                   | Type                        |
|-----------------------------|-----------------------------|
| SEQUENCE                    |                             |
| tns:TroubleTicketStatusType | tns:TroubleTicketStatusType |

# Complex Type: tns:ArrayOfVolumeReportDetail

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component                      | Type                   |
|--------------------------------|------------------------|
| <div><div></div>SEQUENCE</div> |                        |
| tns:VolumeReportDetail         | tns:VolumeReportDetail |


# Complex Type: tns:ArrayOfVolumeReportDetailSummary

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type                          |
|--|-------------------------------|
|  SEQUENCE |                               |
| tns:VolumeReportDetailSummary  | tns:VolumeReportDetailSummary |


# Complex Type: tns:ArrayOfVolumeReportPersonalDetail

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type                           |
|--|--------------------------------|
|  SEQUENCE |                                |
| tns:VolumeReportPersonalDetail   | tns:VolumeReportPersonalDetail |

# Complex Type: tns:ArrayOfVolumeTotalByRep

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component            | Type                 |
|----------------------|----------------------|
| SEQUENCE             |                      |
| tns:VolumeTotalByRep | tns:VolumeTotalByRep |

# Complex Type: tns:Commission

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component       | Type      |
|-----------------|-----------|
| SEQUENCE        |           |
| tns:BonusRunID  | s:double  |
| tns:Period      | s:string  |
| tns:Description | s:string  |
| tns:Amount      | s:decimal |
| tns:DateCreated | s:string  |

# Complex Type: tns:Commissions

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component      | Type                  |
|----------------|-----------------------|
| SEQUENCE       |                       |
| tns:RequestID  | s:int                 |
| tns:Success    | s:int                 |
| tns:Message    | s:string              |
| tns:Commission | tns:ArrayOfCommission |


## Complex Type: tns:CommissionSubtotal

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type      |
|--|-----------|
|  SEQUENCE |           |
| tns:BonusPeriodID  | s:double  |
| tns:Description  | s:string  |
| tns:Amount   | s:decimal |
| tns:BonusTypeID  | s:int     |
| tns:NonCashAmount  | s:decimal |
| tns:NonCashType  | s:string  |



# Complex Type: tns:CommissionSubtotals

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component              | Type                          |
|------------------------|-------------------------------|
| SEQUENCE               |                               |
| tns:RequestID          | s:int                         |
| tns:Success            | s:int                         |
| tns:Message            | s:string                      |
| tns:CommissionSubtotal | tns:ArrayOfCommissionSubtotal |

# Complex Type: tns:CreateShippingProfileResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component                | Type     |
|--------------------------|----------|
| SEQUENCE                 |          |
| tns:RequestID            | s:int    |
| tns:Success              | s:int    |
| tns:Message              | s:string |
| tns:NewShippingProfileID | s:int    |


# Complex Type: tns:Credentials

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Username   | s:string |
| tns:Password   | s:string |
| tns:Token  | s:string |

## Complex Type: tns:CustomerToRepResponse

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |
| tns:RepNumber | s:string |

# Complex Type: tns:EarningsDetail

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component            | Type       |
|----------------------|------------|
| SEQUENCE             |            |
| tns:Period           | s:string   |
| tns:CheckNumber      | s:int      |
| tns:PayOutDate       | s:dateTime |
| tns:Amount           | s:decimal  |
| tns:BonusTotal       | s:decimal  |
| tns:AdjustmentsTotal | s:decimal  |

# Complex Type: tns:EarningsDetail\_V2

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component            | Type       |
|----------------------|------------|
| SEQUENCE             |            |
| tns:Period           | s:string   |
| tns:CheckNumber      | s:int      |
| tns:PayOutDate       | s:dateTime |
| tns:Amount           | s:decimal  |
| tns:BonusTotal       | s:decimal  |
| tns:AdjustmentsTotal | s:decimal  |
| tns:BonusRunID       | s:int      |
| tns:PayoutProcessID  | s:int      |

## Complex Type: tns:EarningsDetail\_V3

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component                    | Type       |
|------------------------------|------------|
| SEQUENCE                     |            |
| tns:Period                   | s:string   |
| tns:CheckNumber              | s:int      |
| tns:PayOutDate               | s:dateTime |
| tns:Amount                   | s:decimal  |
| tns:BonusTotal               | s:decimal  |
| tns:AdjustmentsTotal         | s:decimal  |
| tns:BonusRunID               | s:int      |
| tns:PayoutProcessID          | s:int      |
| tns:RepPayoutCurrencyTypeID  | s:int      |
| tns:RepPayoutCurrencyDesc    | s:string   |
| tns:BasePayoutCurrencyTypeID | s:int      |
| tns:BasePayoutCurrencyDesc   | s:string   |
| tns:NonCashAmount            | s:decimal  |
| tns:NonCashType              | s:string   |

# Complex Type: tns:EarningsResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                      |
|---------------|---------------------------|
| SEQUENCE      |                           |
| tns:RequestID | s:int                     |
| tns:Success   | s:int                     |
| tns:Message   | s:string                  |
| tns:Earnings  | tns:ArrayOfEarningsDetail |



# Complex Type: tns:EarningsResponse\_V2

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                         |
|---------------|------------------------------|
| SEQUENCE      |                              |
| tns:RequestID | s:int                        |
| tns:Success   | s:int                        |
| tns:Message   | s:string                     |
| tns:Earnings  | tns:ArrayOfEarningsDetail_V2 |

# Complex Type: tns:EarningsResponse\_V3

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                         |
|---------------|------------------------------|
| SEQUENCE      |                              |
| tns:RequestID | s:int                        |
| tns:Success   | s:int                        |
| tns:Message   | s:string                     |
| tns:Earnings  | tns:ArrayOfEarningsDetail_V3 |


## Complex Type: tns:GenealogyType

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:ID   | s:int    |
| tns:Description  | s:string |

# Complex Type: tns:GenealogyTypes

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                     |
|---------------|--------------------------|
| SEQUENCE      |                          |
| tns:RequestID | s:int                    |
| tns:Success   | s:int                    |
| tns:Message   | s:string                 |
| tns:Types     | tns:ArrayOfGenealogyType |

## Complex Type: tns:GenericResponse

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

### Referenced By

- Complex Type tns:Commissions
- Complex Type tns:CommissionSubtotals
- Complex Type tns>CreateShippingProfileResponse
- Complex Type tns:CustomerToRepResponse
- Complex Type tns:EarningsResponse
- Complex Type tns:EarningsResponse\_V2
- Complex Type tns:EarningsResponse\_V3
- Complex Type tns:GenealogyTypes
- Complex Type tns:GetCommissionDetailsResult
- Complex Type tns:GetRepDetails
- Complex Type tns:GetRepResponse
- Complex Type tns:GetReps
- Complex Type tns:GetShippingProfilesResponse
- Complex Type tns:HoldingTankReps
- Complex Type tns:HoldingTankSettings
- Complex Type tns:PaidAdjustmentsDetailResponse
- Complex Type tns:Placements
- Complex Type tns:Ranks
- Complex Type tns:RecentGrowthStatistics
- Complex Type tns:RepCoApplicantResponse
- Complex Type tns:RepDetails
- Complex Type tns:RepSocialNetworksResponse
- Complex Type tns:TroubleTicketDetails
- Complex Type tns:TroubleTickets
- Complex Type tns:TroubleTicketStatusTypes
- Complex Type tns:VolumeReportDetails

- Complex Type tns:VolumeReportDetailsSummary
- Complex Type tns:VolumeReportPersonalDetails
- Complex Type tns:VolumeTotalsByRep


## Complex Type: tns:GetCommissionDetail

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                    |
|--|-------------------------|
|  SEQUENCE |                         |
| tns:BonusTypeID  | s:int                   |
| tns:BonusTypeDescription   | s:string                |
| tns:BonusTypeDetail  | s:anyType (restriction) |

# Complex Type: tns:GetCommissionDetailsResult

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component                | Type                           |
|--------------------------|--------------------------------|
| SEQUENCE                 |                                |
| tns:RequestID            | s:int                          |
| tns:Success              | s:int                          |
| tns:Message              | s:string                       |
| tns:GetCommissionDetails | tns:ArrayOfGetCommissionDetail |




## Complex Type: tns:GetRepDetails

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |
| tns:RepNumber  | s:string |
| tns:Name   | s:string |
| tns:Company  | s:string |
| tns:Firstname  | s:string |
| tns:Lastname   | s:string |
| tns:Email  | s:string |
| tns:BillCity   | s:string |
| tns:BillState  | s:string |
| tns:BillPostalCode   | s:string |
| tns:Country  | s:string |
| tns:Phone  | s:string |
| tns:ReplicatedURL  | s:string |

## Complex Type: tns:GetRepResponse

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component              | Type        |
|------------------------|-------------|
| SEQUENCE               |             |
| tns:RequestID          | s:int       |
| tns:Success            | s:int       |
| tns:Message            | s:string    |
| tns:RepNumber          | s:string    |
| tns:Company            | s:string    |
| tns:Firstname          | s:string    |
| tns:Lastname           | s:string    |
| tns:Email              | s:string    |
| tns:BillStreet1        | s:string    |
| tns:BillStreet2        | s:string    |
| tns:BillCity           | s:string    |
| tns:BillState          | s:string    |
| tns:BillPostalCode     | s:string    |
| tns:BillCounty         | s:string    |
| tns:BillCountry        | s:string    |
| tns:ShipStreet1        | s:string    |
| tns:ShipStreet2        | s:string    |
| tns:ShipCity           | s:string    |
| tns:ShipState          | s:string    |
| tns:ShipPostalCode     | s:string    |
| tns:ShipCounty         | s:string    |
| tns:ShipCountry        | s:string    |
| tns:Phone1             | s:string    |
| tns:Phone2             | s:string    |
| tns:PictureFilename    | s:string    |
| tns:ReplicatedSiteText | s:string    |
| tns:SponsorRepNumber   | s:string    |
| tns:SponsorRepCount    | s:int       |
| tns:RepRank            | tns:RepRank |

| Component           | Type     |
|---------------------|----------|
| tns:URL             | s:string |
| tns:UplineRepNumber | s:string |
| tns:JoinDate        | s:string |

# Complex Type: tns:GetReps

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                      |
|---------------|---------------------------|
| SEQUENCE      |                           |
| tns:RequestID | s:int                     |
| tns:Success   | s:int                     |
| tns:Message   | s:string                  |
| tns:Reps      | tns:ArrayOfGetRepResponse |

# Complex Type: tns:GetShippingProfilesResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component            | Type                       |
|----------------------|----------------------------|
| SEQUENCE             |                            |
| tns:RequestID        | s:int                      |
| tns:Success          | s:int                      |
| tns:Message          | s:string                   |
| tns:ShippingProfiles | tns:ArrayOfShippingProfile |


## Complex Type: tns:HoldingTankRep

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type       |
|--|------------|
|  SEQUENCE |            |
| tns:RepNumber  | s:string   |
| tns:RepName  | s:string   |
| tns:Email  | s:string   |
| tns:JoinDate   | s:dateTime |
| tns:Phone1   | s:string   |

# Complex Type: tns:HoldingTankReps

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component          | Type                      |
|--------------------|---------------------------|
| SEQUENCE           |                           |
| tns:RequestID      | s:int                     |
| tns:Success        | s:int                     |
| tns:Message        | s:string                  |
| tns:HoldingTankRep | tns:ArrayOfHoldingTankRep |


## Complex Type: tns:HoldingTankSetting

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:DataTextField  | s:string |
| tns:DataValueField   | s:string |



# Complex Type: tns:HoldingTankSettings

**Derived By**

Extending tns:GenericResponse

**Content Model**

Contains elements as defined in the following table.

| Component              | Type                          |
|------------------------|-------------------------------|
| SEQUENCE               |                               |
| tns:RequestID          | s:int                         |
| tns:Success            | s:int                         |
| tns:Message            | s:string                      |
| tns:HoldingTankSetting | tns:ArrayOfHoldingTankSetting |


## Complex Type: tns:PaidAdjustmentsDetail

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type       |
|--|------------|
|  SEQUENCE |            |
| tns:Description  | s:string   |
| tns:Abbreviation   | s:string   |
| tns:StatementLine  | s:string   |
| tns:DateCreated  | s:dateTime |
| tns:DatePosted   | s:dateTime |
| tns:Amount   | s:decimal  |

# Complex Type: tns:PaidAdjustmentsDetailResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component                 | Type                             |
|---------------------------|----------------------------------|
| SEQUENCE                  |                                  |
| tns:RequestID             | s:int                            |
| tns:Success               | s:int                            |
| tns:Message               | s:string                         |
| tns:PaidAdjustmentsDetail | tns:ArrayOfPaidAdjustmentsDetail |


## Complex Type: tns:Placement

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                       |
|--|----------------------------|
|  SEQUENCE |                            |
| tns:PreferredPlacement   | s:string                   |
| tns:PlacementOption  | tns:ArrayOfPlacementOption |


## Complex Type: tns:PlacementOption

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Value  | s:string |
| tns:Description  | s:string |

# Complex Type: tns:Placements

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                 |
|---------------|----------------------|
| SEQUENCE      |                      |
| tns:RequestID | s:int                |
| tns:Success   | s:int                |
| tns:Message   | s:string             |
| tns:Placement | tns:ArrayOfPlacement |

# Complex Type: tns:Rank

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component       | Type     |
|-----------------|----------|
| SEQUENCE        |          |
| tns:RankTypeID  | s:int    |
| tns:Description | s:string |

# Complex Type: tns:Ranks

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type            |
|---------------|-----------------|
| SEQUENCE      |                 |
| tns:RequestID | s:int           |
| tns:Success   | s:int           |
| tns:Message   | s:string        |
| tns:Rank      | tns:ArrayOfRank |



# Complex Type: tns:RecentGrowthStatistic

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component         | Type     |
|-------------------|----------|
| SEQUENCE          |          |
| tns:StatisticName | s:string |
| tns:Value         | s:string |

# Complex Type: tns:RecentGrowthStatistics

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component      | Type                             |
|----------------|----------------------------------|
| SEQUENCE       |                                  |
| tns:RequestID  | s:int                            |
| tns:Success    | s:int                            |
| tns:Message    | s:string                         |
| tns:Statistics | tns:ArrayOfRecentGrowthStatistic |

# Complex Type: tns:RepCoApplicantResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |
| tns:FirstName | s:string |
| tns:LastName  | s:string |
| tns:Company   | s:string |
| tns:TaxID     | s:string |
| tns:Email     | s:string |

# Complex Type: tns:RepDetails

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                     |
|---------------|--------------------------|
| SEQUENCE      |                          |
| tns:RequestID | s:int                    |
| tns:Success   | s:int                    |
| tns:Message   | s:string                 |
| tns:Reps      | tns:ArrayOfGetRepDetails |


# Complex Type: tns:RepRank

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RankID   | s:int    |
| tns:RankDescription  | s:string |
| tns:RankAbbreviation   | s:string |

# Complex Type: tns:RepSocialNetworksResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component             | Type                    |
|-----------------------|-------------------------|
| SEQUENCE              |                         |
| tns:RequestID         | s:int                   |
| tns:Success           | s:int                   |
| tns:Message           | s:string                |
| tns:RepSocialNetworks | s:anyType (restriction) |


## Complex Type: tns:ShippingProfile

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:ID   | s:int    |
| tns:Description  | s:string |
| tns:FirstName  | s:string |
| tns:LastName   | s:string |
| tns:Street1  | s:string |
| tns:Street2  | s:string |
| tns:City   | s:string |
| tns:State  | s:string |
| tns:PostalCode   | s:string |
| tns:County   | s:string |
| tns:Country  | s:string |
| tns:Phone  | s:string |
| tns:Email  | s:string |

# Complex Type: tns:TroubleTicket

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component       | Type       |
|-----------------|------------|
| SEQUENCE        |            |
| tns:TicketID    | s:double   |
| tns:Subject     | s:string   |
| tns:Status      | s:string   |
| tns:DateCreated | s:dateTime |
| tns:DateUpdated | s:dateTime |



# Complex Type: tns:TroubleTicketDetail

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component       | Type       |
|-----------------|------------|
| SEQUENCE        |            |
| tns:UserID      | s:double   |
| tns:RepID       | s:double   |
| tns:Status      | s:string   |
| tns:Message     | s:string   |
| tns:RepName     | s:string   |
| tns:UserName    | s:string   |
| tns:DateCreated | s:dateTime |

# Complex Type: tns:TroubleTicketDetails

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component               | Type                           |
|-------------------------|--------------------------------|
| SEQUENCE                |                                |
| tns:RequestID           | s:int                          |
| tns:Success             | s:int                          |
| tns:Message             | s:string                       |
| tns:TroubleTicketDetail | tns:ArrayOfTroubleTicketDetail |

# Complex Type: tns:TroubleTickets

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component         | Type                     |
|-------------------|--------------------------|
| SEQUENCE          |                          |
| tns:RequestID     | s:int                    |
| tns:Success       | s:int                    |
| tns:Message       | s:string                 |
| tns:TroubleTicket | tns:ArrayOfTroubleTicket |

# Complex Type: tns:TroubleTicketStatusType

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:StatusID | s:double |
| tns:Status   | s:string |

# Complex Type: tns:TroubleTicketStatusTypes

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component                   | Type                               |
|-----------------------------|------------------------------------|
| SEQUENCE                    |                                    |
| tns:RequestID               | s:int                              |
| tns:Success                 | s:int                              |
| tns:Message                 | s:string                           |
| tns:TroubleTicketStatusType | tns:ArrayOfTroubleTicketStatusType |


## Complex Type: tns:VolumeReportDetail

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type       |
|--|------------|
|  SEQUENCE |            |
| tns:OrderNumber  | s:double   |
| tns:CustomerNumber   | s:double   |
| tns:Level  | s:int      |
| tns:RepNumber  | s:string   |
| tns:RepName  | s:string   |
| tns:CustomerName   | s:string   |
| tns:Rank   | s:string   |
| tns:OrderDate  | s:dateTime |
| tns:OrderAmount  | s:decimal  |
| tns:Volume   | s:decimal  |

# Complex Type: tns:VolumeReportDetails

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                          |
|---------------|-------------------------------|
| SEQUENCE      |                               |
| tns:RequestID | s:int                         |
| tns:Success   | s:int                         |
| tns:Message   | s:string                      |
| tns:Detail    | tns:ArrayOfVolumeReportDetail |

# Complex Type: tns:VolumeReportDetailsSummary

**Derived By**

Extending tns:GenericResponse

**Content Model**

Contains elements as defined in the following table.

| Component     | Type                                 |
|---------------|--------------------------------------|
| SEQUENCE      |                                      |
| tns:RequestID | s:int                                |
| tns:Success   | s:int                                |
| tns:Message   | s:string                             |
| tns:Detail    | tns:ArrayOfVolumeReportDetailSummary |




# Complex Type: tns:VolumeReportDetailSummary

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type      |
|--|-----------|
|  SEQUENCE |           |
| tns:Value  | s:decimal |
| tns:Description  | s:string  |

# Complex Type: tns:VolumeReportPersonalDetail

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component        | Type       |
|------------------|------------|
| SEQUENCE         |            |
| tns:OrderNumber  | s:double   |
| tns:CustomerID   | s:double   |
| tns:OrderDate    | s:dateTime |
| tns:Volume       | s:decimal  |
| tns:CustomerName | s:string   |

# Complex Type: tns:VolumeReportPersonalDetails

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                                  |
|---------------|---------------------------------------|
| SEQUENCE      |                                       |
| tns:RequestID | s:int                                 |
| tns:Success   | s:int                                 |
| tns:Message   | s:string                              |
| tns:Detail    | tns:ArrayOfVolumeReportPersonalDetail |


## Complex Type: tns:VolumeTotalByRep

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type      |
|--|-----------|
|  SEQUENCE |           |
| tns:IdNumber   | s:string  |
| tns:Level  | s:int     |
| tns:Name   | s:string  |
| tns:OrderTotal   | s:decimal |
| tns:Volume   | s:decimal |

# Complex Type: tns:VolumeTotalsByRep

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                        |
|---------------|-----------------------------|
| SEQUENCE      |                             |
| tns:RequestID | s:int                       |
| tns:Success   | s:int                       |
| tns:Message   | s:string                    |
| tns:Detail    | tns:ArrayOfVolumeTotalByRep |

## ByDesign Order API Web Service

### Description

This API provides the core functionality necessary for handling administrative tasks for updating and processing order information, core shipping functionality, and modifying invoice notes for an order, and printing packsliips.

### Type

SOAP

### Style

Document

### See Also

[Methods](#) | [Complex Types](#) | [Simple Types](#) | [Elements](#)

## Methods: ByDesign Order API

### Methods

| Name  | Description  |
|---|--|
| CheckOrderedItemForCustomerDID<br>WithinDate    | This function can be used to verify that a customer purchased a particular item within a particular time period. The three parameters needed are the Customer DID, Inventory ID (backoffice Inventory Item identifier, can be retrieved from the client one is integrating for), and WithinLastDate (specifies from what date the customer must've purchased the item). The function has four possible return possibilities. If the customer ordered the item within the date, the ReturnValue will be 1, and the OrderID will be instantiated with the relative OrderID. If a customer ordered the item within the date, but the order is unofficial (pending payment, etc.), the ReturnValue will be 2, and the OrderID will be instantiated with the relative OrderID. If no order is found, and the item is available for purchase, the ReturnValue will be 3, and the ReturnURL will contain a link to the default shopping cart for InventoryID given. If the customer is inactive or doesn't exist, the ReturnValue will be 4. (The system can be configured to return a link in ReturnURL which specifies an URL to redirect inactive Reps via setting API_LINK_FOR_INACTIVE_CUSTOMER).  |
| CheckOrderedItemForCustomerDID<br>WithinDate_V2 | This function can be used to verify that a customer purchased a particular item within a particular time period. The three parameters needed are the Customer #, Item # (backoffice Inventory Item SKU), and WithinLastDate (specifies from what date the customer must've purchased the item). The function has multiple return possibilities. If the customer ordered the item within the date, the Message will be 'ORDER_WITH_VALID_PAYMENT', and the OrderID will be instantiated with the relative OrderID. If a customer ordered the item within the date, but the order is unofficial (pending payment, etc.), the Message will be 'ORDER_WITH_NO_PAYMENT', and the OrderID will be instantiated with the relative OrderID. If no order is found, and the item is available for purchase, the Message will be 'NO_ORDER_ON_RECORD', and the ReturnURL will contain a link to the default shopping cart for Item ID given. If the customer is inactive or doesn't exist, the Message will be 'CUSTOMER_DOES_NOT_EXIST'. (The system can be configured to return a link in ReturnURL which specifies an URL to redirect inactive Reps via setting API_LINK_FOR_INACTIVE_CUSTOMER). If the Item ID given doesn't exist, the Message will be 'INVALID_ITEMNUMBER'. |
| CheckOrderedItemForRepDIDWithin<br>Date         | This function can be used to verify that a rep purchased a particular item within a particular time period. The three parameters needed are the Rep DID, Inventory ID (backoffice Inventory Item identifier, can be retrieved from the client one is integrating for), and WithinLastDate (specifies from what date the rep must've purchased the item). The function has four possible return possibilities. If the rep ordered the item within the date, the ReturnValue will be 1, and the OrderID will be instantiated with the relative OrderID. If a rep ordered the item within the date, but the order is unofficial (pending payment, etc.), the ReturnValue will be 2, and the OrderID will be instantiated with the relative OrderID. If no order is found, and the item is available for purchase, the ReturnValue will be 3, and the ReturnURL will contain a link to the default shopping cart for InventoryID given. If a rep is inactive, the ReturnValue will be 4. (The system can be configured to return a link in ReturnURL which specifies an URL to redirect inactive Reps via setting API_LINK_FOR_INACTIVE_REP).  |

| Name                         | Description  |
|------------------------------|--|
| CreateInternalNote           | For a given OrderID, this method will enter an administrative note for the given order.  |
| CreateReturnOrder            | This method provides the ability to create a return order. There are several required and optional parameters. Also the order items can be passed in as a collection. If it is not passed then it is assumed that the return order should contain all order items. If it is passed in then only the entered items will be added to the return order. If ShippingTotal or HandlingTotal are not passed, the system will use the values from the original order. If OrderDetailItems is not passed, the system will return ALL order items. Use GetReasonCodeTypes method for list of ReasonCodeTypeIDs. |
| GetCorrespondanceTypes       | Returns the available correspondence types   |
| GetCustomerNoteCategoryTypes | Returns the available categories to be associated with a note for a customer.  |
| GetNoteCategoryTypes         | Returns the available categories to be associated with a note for a representative.  |
| GetOrderDetailsInfo          | This method will return detailed information concerning a given Order ID.  |
| GetOrderDetailsInfo_V2       | This method will return detailed information concerning a given Order ID. The difference to original version is that this method also retrieves the Warehouse assignment and packslip process ID of the Order.   |
| GetOrderInfo                 | This method will return a detailed description and item listing for the order id given.  |
| GetOrderInfo_V2              | This method will return a detailed description and item listing for the order id given. The difference to original version is that this method also retrieves the CurrencyTypeID of the Order.   |
| GetOrderListRange            | This method will return a list of recent orders based on a date range. The parameter EvalDateLastModified defines whether or not to pull orders which have been modified within the time period as well.   |
| GetOrderListRecent           | This method will return a list of recent orders for a given period type and length. The parameter EvalDateLastModified defines whether or not to pull orders which have been modified within the time period as well. The PeriodType would be a period type such as 'day','year','weekday', and etc.   |
| GetOrderTracking             | This method will return a list of tracking numbers for a given Order ID. Depending on your integration, one can receive multiple tracking numbers for an order or multiple tracking numbers for an item within the order.  |
| GetPackslip                  | This method will return a heavily detailed object containing packslip information for a given PackslipProcessRequest.  |
| GetPayments                  | For a given Order ID, this method will return all payments associated with the order.  |
| GetReasonCodeTypes           | This web method will return a list of all reason code types in the system. These reasons are for return orders. This method should be used in conjunction with CreateReturnOrder.  |
| GetShippingMethods           | Returns the available shipping methods   |
| GetTotals                    | For a given OrderID, this method will return all relative totals for a given order.  |



**Methods**

| Name                                    | Description   |
|---|---|
| SetStatusEntered                        | For a given OrderID, this will set the order to entered (unofficial, not ready for shipping).   |
| SetStatusPosted                         | For a given OrderID, this method will posted (official, ready for shipping) an order. The parameter PostOnlyIfBalancelZero can be used to post an order that isn't completely paid. However, ByDesign strongly recommends to always leave this value to one to ensure orders are validating for proper payment. |
| SetStatusShipped                        | For a given OrderID, this will set the order to shipped as well as mark all items within the order to shipped.  |
| SetStatusVoid                           | For a given OrderID & Invoice Notes (reason why the order is being voided), this method will void the order.  |
| UpdateBillingAddress                    | This method will given order to the given billing address.  |
| UpdateInvoiceNote                       | For a given OrderID and Invoice information, this method will update an invoice note that was already entered.  |
| UpdateMultipleTrackingNumbers           | For a given OrderID, WarehouseID, and TrackingNumber, this method will update all items within an order to the given WarehouseID & TrackingNumber.  |
| UpdateOrderDetailTrackingNumber         | For a given OrderDetailID & TrackingNumber, this method will update a particular order item to the given tracking number.   |
| UpdateOrderDetailTrackingNumberQuantity | For a given OrderDetailID & TrackingNumber, this method will update only the quantity of items entered within the order to the given WarehouseID and Tracking Number.   |
| UpdateShippingAddress                   | This method will update a given order to the given shipping address.  |
| UpdateShippingMethod                    | For a given Order ID & Shipping ID, this method will update the relative order to the given shipping method.  |
| UpdateTrackingNumber                    | For a given OrderID, WarehouseID, and TrackingNumber, this method will update all items within an order to the given WarehouseID & TrackingNumber.  |
| Version                                 |   |

## Method: CheckOrderedItemForCustomerDIDWithinDate

### Description

This function can be used to verify that a customer purchased a particular item within a particular time period. The three parameters needed are the Customer DID, Inventory ID (backoffice Inventory Item identifier, can be retrieved from the client one is integrating for), and WithinLastDate (specifies from what date the customer must've purchased the item). The function has four possible return possibilities. If the customer ordered the item within the date, the ReturnValue will be 1, and the OrderID will be instantiated with the relative OrderID. If a customer ordered the item within the date, but the order is unofficial (pending payment, etc.), the ReturnValue will be 2, and the OrderID will be instantiated with the relative OrderID. If no order is found, and the item is available for purchase, the ReturnValue will be 3, and the ReturnURL will contain a link to the default shopping cart for InventoryID given. If the customer is inactive or doesn't exist, the ReturnValue will be 4. (The system can be configured to return a link in ReturnURL which specifies an URL to redirect inactive Reps via setting API\_LINK\_FOR\_INACTIVE\_CUSTOMER).

### Input (Literal)

The input of this method is the document element `tns:CheckOrderedItemForCustomerDIDWithinDate` having the structure defined by the following table.

| Element                         | Type                         |
|---------------------------------|------------------------------|
| SEQUENCE                        |                              |
| <code>tns:Credentials</code>    | <code>tns:Credentials</code> |
| <code>tns:CustomerDID</code>    | <code>s:string</code>        |
| <code>tns:InventoryID</code>    | <code>s:int</code>           |
| <code>tns:WithinLastDate</code> | <code>s:dateTime</code>      |

### Output (Literal)

The output of this method is the document element `tns:CheckOrderedItemForCustomerDIDWithinDateResponse` having the structure defined by the following table.

| Element   | Type  |
|---|---|
| SEQUENCE  |   |
| <code>tns:CheckOrderedItemForCustomerDIDWithinDateResult</code> | <code>tns:CheckedOrderedItemForCustomerDIDWithinDateResult</code> |

## Method: CheckOrderedItemForCustomerDIDWithinDate\_V2

### Description

This function can be used to verify that a customer purchased a particular item within a particular time period. The three parameters needed are the Customer #, Item # (backoffice Inventory Item SKU), and WithinLastDate (specifies from what date the customer must've purchased the item). The function has multiple return possibilities. If the customer ordered the item within the date, the Message will be 'ORDER\_WITH\_VALID\_PAYMENT', and the OrderID will be instantiated with the relative OrderID. If a customer ordered the item within the date, but the order is unofficial (pending payment, etc.), the Message will be 'ORDER\_WITH\_NO\_PAYMENT', and the OrderID will be instantiated with the relative OrderID. If no order is found, and the item is available for purchase, the Message will be 'NO\_ORDER\_ON\_RECORD', and the ReturnURL will contain a link to the default shopping cart for Item ID given. If the customer is inactive or doesn't exist, the Message will be 'CUSTOMER\_DOES\_NOT\_EXIST'. (The system can be configured to return a link in ReturnURL which specifies an URL to redirect inactive Reps via setting API\_LINK\_FOR\_INACTIVE\_CUSTOMER). If the Item ID given doesn't exist, the Message will be 'INVALID\_ITEMNUMBER'.

### Input (Literal)

The input of this method is the document element tns:CheckOrderedItemForCustomerDIDWithinDate\_V2 having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:CustomerDID    | s:string        |
| tns:ItemID         | s:string        |
| tns:WithinLastDate | s:dateTime      |

### Output (Literal)

The output of this method is the document element tns:CheckOrderedItemForCustomerDIDWithinDate\_V2Response having the structure defined by the following table.

| Element   | Type  |
|---|---|
| SEQUENCE  |   |
| tns:CheckOrderedItemForCustomerDIDWithinDate_V2Result | tns:CheckedOrderedItemForCustomerDIDWithinDateResult_V2 |

## Method: CheckOrderedItemForRepDIDWithinDate

### Description

This function can be used to verify that a rep purchased a particular item within a particular time period. The three parameters needed are the Rep DID, Inventory ID (backoffice Inventory Item identifier, can be retrieved from the client one is integrating for), and WithinLastDate (specifies from what date the rep must've purchased the item). The function has four possible return possibilities. If the rep ordered the item within the date, the ReturnValue will be 1, and the OrderID will be instantiated with the relative OrderID. If a rep ordered the item within the date, but the order is unofficial (pending payment, etc.), the ReturnValue will be 2, and the OrderID will be instantiated with the relative OrderID. If no order is found, and the item is available for purchase, the ReturnValue will be 3, and the ReturnURL will contain a link to the default shopping cart for InventoryID given. If a rep is inactive, the ReturnValue will be 4. (The system can be configured to return a link in ReturnURL which specifies an URL to redirect inactive Reps via setting API\_LINK\_FOR\_INACTIVE\_REP).

### Input (Literal)

The input of this method is the document element `tns:CheckOrderedItemForRepDIDWithinDate` having the structure defined by the following table.

| Element            | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:RepDID         | s:string        |
| tns:InventoryID    | s:int           |
| tns:WithinLastDate | s:dateTime      |

### Output (Literal)

The output of this method is the document element `tns:CheckOrderedItemForRepDIDWithinDateResponse` having the structure defined by the following table.

| Element                                       | Type  |
|---|---|
| SEQUENCE                                      |   |
| tns:CheckOrderedItemForRepDIDWithinDateResult | tns:CheckedOrderedItemForRepDIDWithinDateResult |


## Method: CreateInternalNote

### Description

For a given OrderID, this method will enter an administrative note for the given order.


### Input (Literal)

The input of this method is the document element tns:CreateInternalNote having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OrderID  | s:int           |
| tns:CategoryID   | s:int           |
| tns:CorrespondanceTypeID   | s:int           |
| tns:Message1   | s:string        |
| tns:Subject  | s:string        |
| tns:Unresolved   | s:int           |
| tns:Critical   | s:int           |

### Output (Literal)

The output of this method is the document element tns:CreateInternalNoteResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:CreateInternalNoteResult   | tns:GenericResponse |

## Method: CreateReturnOrder

### Description

This method provides the ability to create a return order. There are several required and optional parameters. Also the order items can be passed in as a collection. If it is not passed then it is assumed that the return order should contain all order items. If it is passed in then only the entered items will be added to the return order. If ShippingTotal or HandlingTotal are not passed, the system will use the values from the original order. If OrderDetailItems is not passed, the system will return ALL order items. Use GetReasonCodeTypes method for list of ReasonCodeTypeIDs.

### Input (Literal)

The input of this method is the document element tns:CreateReturnOrder having the structure defined by the following table.

| Element                      | Type                         |
|------------------------------|------------------------------|
| SEQUENCE                     |                              |
| tns:Credentials              | tns:Credentials              |
| tns:CreateReturnOrderRequest | tns:CreateReturnOrderRequest |

### Output (Literal)

The output of this method is the document element tns:CreateReturnOrderResponse having the structure defined by the following table.

| Element                     | Type                      |
|-----------------------------|---------------------------|
| SEQUENCE                    |                           |
| tns:CreateReturnOrderResult | tns:GenericResponseWithID |

# Method: GetCorrespondanceTypes

## Description

Returns the available correspondence types

## Input (Literal)

The input of this method is the document element tns:GetCorrespondanceTypes having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

## Output (Literal)

The output of this method is the document element tns:GetCorrespondanceTypesResponse having the structure defined by the following table.

| Element                          | Type                           |
|----------------------------------|--------------------------------|
| SEQUENCE                         |                                |
| tns:GetCorrespondanceTypesResult | tns:ArrayOfCorrespondanceTypes |

## Method: GetCustomerNoteCategoryTypes

### Description

Returns the available categories to be associated with a note for a customer.

### Input (Literal)

The input of this method is the document element `tns:GetCustomerNoteCategoryTypes` having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the document element `tns:GetCustomerNoteCategoryTypesResponse` having the structure defined by the following table.

| Element                                | Type                         |
|--|------------------------------|
| SEQUENCE                               |                              |
| tns:GetCustomerNoteCategoryTypesResult | tns:ArrayOfNoteCategoryTypes |




## Method: GetNoteCategoryTypes

### Description

Returns the available categories to be associated with a note for a representative.


### Input (Literal)

The input of this method is the document element `tns:GetNoteCategoryTypes` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |

### Output (Literal)

The output of this method is the document element `tns:GetNoteCategoryTypesResponse` having the structure defined by the following table.

| Element  | Type                                      |
|--|---|
|  SEQUENCE |   |
| <code>tns:GetNoteCategoryTypesResult</code>  | <code>tns:ArrayOfNoteCategoryTypes</code> |


## Method: GetOrderDetailsInfo

### Description

This method will return detailed information concerning a given Order ID.


### Input (Literal)

The input of this method is the document element `tns:GetOrderDetailsInfo` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:OrderID</code>   | <code>s:int</code>           |

### Output (Literal)

The output of this method is the document element `tns:GetOrderDetailsInfoResponse` having the structure defined by the following table.

| Element  | Type                                     |
|--|--|
|  SEQUENCE |  |
| <code>tns:GetOrderDetailsInfoResult</code>   | <code>tns:GetOrderDetailsResponse</code> |


## Method: GetOrderDetailsInfo\_V2

### Description

This method will return detailed information concerning a given Order ID. The difference to original version is that this method also retrieves the Warehouse assignment and packslip process ID of the Order.


### Input (Literal)

The input of this method is the document element `tns:GetOrderDetailsInfo_V2` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:OrderID</code>   | <code>s:int</code>           |

### Output (Literal)

The output of this method is the document element `tns:GetOrderDetailsInfo_V2Response` having the structure defined by the following table.

| Element   | Type                                       |
|---|--|
|  SEQUENCE |  |
| <code>tns:GetOrderDetailsInfo_V2Result</code>   | <code>tns:GetOrderDetailsResponseV2</code> |


## Method: GetOrderInfo

### Description

This method will return a detailed description and item listing for the order id given.


### Input (Literal)

The input of this method is the document element `tns:GetOrderInfo` having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OrderID  | s:int           |

### Output (Literal)

The output of this method is the document element `tns:GetOrderInfoResponse` having the structure defined by the following table.

| Element  | Type                 |
|--|----------------------|
|  SEQUENCE |                      |
| tns:GetOrderInfoResult   | tns:GetOrderResponse |

# Method: GetOrderInfo\_V2

## Description

This method will return a detailed description and item listing for the order id given. The diference to original version is that this method also retrieves the CurrencyTypeID of the Order.

## Input (Literal)

The input of this method is the document element tns:GetOrderInfo\_V2 having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:OrderID     | s:int           |

## Output (Literal)

The output of this method is the document element tns:GetOrderInfo\_V2Response having the structure defined by the following table.

| Element                   | Type                    |
|---------------------------|-------------------------|
| SEQUENCE                  |                         |
| tns:GetOrderInfo_V2Result | tns:GetOrderResponse_V2 |


## Method: GetOrderListRange

### Description

This method will return a list of recent orders based on a date range. The parameter EvalDateLastModified defines whether or not to pull orders which have been modified within the time period as well.


### Input (Literal)

The input of this method is the document element tns:GetOrderListRange having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:PeriodStartDate  | s:dateTime      |
| tns:PeriodEndDate  | s:dateTime      |
| tns:EvalDateLastModified   | s:boolean       |

### Output (Literal)

The output of this method is the document element tns:GetOrderListRangeResponse having the structure defined by the following table.

| Element  | Type                 |
|--|----------------------|
|  SEQUENCE |                      |
| tns:GetOrderListRangeResult  | tns:ArrayOfOrderList |

## Method: GetOrderListRecent

### Description

This method will return a list of recent orders for a given period type and length. The parameter EvalDateLastModified defines whether or not to pull orders which have been modified within the time period as well. The PeriodType would be a period type such as 'day','year','weekday', and etc.

### Input (Literal)

The input of this method is the document element tns:GetOrderListRecent having the structure defined by the following table.

| Element                  | Type            |
|--------------------------|-----------------|
| SEQUENCE                 |                 |
| tns:Credentials          | tns:Credentials |
| tns:PeriodType           | s:string        |
| tns:PeriodLength         | s:int           |
| tns:EvalDateLastModified | s:boolean       |

### Output (Literal)

The output of this method is the document element tns:GetOrderListRecentResponse having the structure defined by the following table.

| Element                      | Type                 |
|------------------------------|----------------------|
| SEQUENCE                     |                      |
| tns:GetOrderListRecentResult | tns:ArrayOfOrderList |


## Method: GetOrderTracking

### Description

This method will return a list of tracking numbers for a given Order ID. Depending on your integration, one can receive multiple tracking numbers for an order or multiple tracking numbers for an item within the order.


### Input (Literal)

The input of this method is the document element `tns:GetOrderTracking` having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OrderID  | s:int           |

### Output (Literal)

The output of this method is the document element `tns:GetOrderTrackingResponse` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| tns:GetOrderTrackingResult   | tns:GetOrderTrackingResponse |



# Method: GetPackslip

## Description

This method will return a heavily detailed object containing packslip information for a given PackslipProcessRequest.

## Input (Literal)

The input of this method is the document element tns:GetPackslip having the structure defined by the following table.

| Element         | Type                       |
|-----------------|----------------------------|
| SEQUENCE        |                            |
| tns:Credentials | tns:Credentials            |
| tns:Request     | tns:PackslipProcessRequest |

## Output (Literal)

The output of this method is the document element tns:GetPackslipResponse having the structure defined by the following table.

| Element               | Type                        |
|-----------------------|-----------------------------|
| SEQUENCE              |                             |
| tns:GetPackslipResult | tns:PackslipProcessResponse |


## Method: GetPayments

### Description

For a given Order ID, this method will return all payments associated with the order.


### Input (Literal)

The input of this method is the document element `tns:GetPayments` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:OrderID</code>   | <code>s:int</code>           |

### Output (Literal)

The output of this method is the document element `tns:GetPaymentsResponse` having the structure defined by the following table.

| Element  | Type                                |
|--|-------------------------------------|
|  SEQUENCE |                                     |
| <code>tns:GetPaymentsResult</code>   | <code>tns:GetPaymentResponse</code> |

## Method: GetReasonCodeTypes

### Description

This web method will return a list of all reason code types in the system. These reasons are for return orders. This method should be used in conjunction with CreateReturnOrder.

### Input (Literal)

The input of this method is the document element `tns:GetReasonCodeTypes` having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the document element `tns:GetReasonCodeTypesResponse` having the structure defined by the following table.

| Element                      | Type                |
|------------------------------|---------------------|
| SEQUENCE                     |                     |
| tns:GetReasonCodeTypesResult | tns:ReasonCodeTypes |

## Method: GetShippingMethods

### Description

Returns the available shipping methods

### Input (Literal)

The input of this method is the document element `tns:GetShippingMethods` having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the document element `tns:GetShippingMethodsResponse` having the structure defined by the following table.

| Element                      | Type                       |
|------------------------------|----------------------------|
| SEQUENCE                     |                            |
| tns:GetShippingMethodsResult | tns:ArrayOfShippingMethods |


## Method: GetTotals

### Description

For a given OrderID, this method will return all relative totals for a given order.


### Input (Literal)

The input of this method is the document element tns:GetTotals having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OrderID  | s:int           |

### Output (Literal)

The output of this method is the document element tns:GetTotalsResponse having the structure defined by the following table.

| Element  | Type                        |
|--|-----------------------------|
|  SEQUENCE |                             |
| tns:GetTotalsResult  | tns:GetPaymentTotalResponse |

# Method: SetStatusEntered

## Description

For a given OrderID, this will set the order to entered (unofficial, not ready for shipping).

## Input (Literal)

The input of this method is the document element tns:SetStatusEntered having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:OrderID     | s:int           |

## Output (Literal)

The output of this method is the document element tns:SetStatusEnteredResponse having the structure defined by the following table.

| Element                    | Type                |
|----------------------------|---------------------|
| SEQUENCE                   |                     |
| tns:SetStatusEnteredResult | tns:GenericResponse |

## Method: SetStatusPosted

### Description

For a given OrderID, this method will posted (official, ready for shipping) an order. The parameter PostOnlyIfBalancelZero can be used to post an order that isn't completely paid. However, ByDesign strongly recommends to always leave this value to one to ensure orders are validating for proper payment.

### Input (Literal)

The input of this method is the document element tns:SetStatusPosted having the structure defined by the following table.

| Element                    | Type            |
|----------------------------|-----------------|
| SEQUENCE                   |                 |
| tns:Credentials            | tns:Credentials |
| tns:OrderID                | s:int           |
| tns:PostOnlyIfBalancelZero | s:int           |

### Output (Literal)

The output of this method is the document element tns:SetStatusPostedResponse having the structure defined by the following table.

| Element                   | Type                |
|---------------------------|---------------------|
| SEQUENCE                  |                     |
| tns:SetStatusPostedResult | tns:GenericResponse |


## Method: SetStatusShipped

### Description

For a given OrderID, this will set the order to shipped as well as mark all items within the order to shipped.


### Input (Literal)

The input of this method is the document element tns:SetStatusShipped having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OrderID  | s:int           |

### Output (Literal)

The output of this method is the document element tns:SetStatusShippedResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:SetStatusShippedResult   | tns:GenericResponse |




## Method: SetStatusVoid

### Description

For a given OrderID & Invoice Notes (reason why the order is being voided), this method will void the order.


### Input (Literal)

The input of this method is the document element tns:SetStatusVoid having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OrderID  | s:int           |
| tns:InvoiceNotes   | s:string        |

### Output (Literal)

The output of this method is the document element tns:SetStatusVoidResponse having the structure defined by the following table.

| Element   | Type                |
|---|---------------------|
|  SEQUENCE |                     |
| tns:SetStatusVoidResult   | tns:GenericResponse |


## Method: UpdateBillingAddress

### Description

This method will given order to the given billing address.


### Input (Literal)

The input of this method is the document element tns:UpdateBillingAddress having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OrderID  | s:int           |
| tns:BillName1  | s:string        |
| tns:BillName2  | s:string        |
| tns:BillStreet1  | s:string        |
| tns:BillStreet2  | s:string        |
| tns:BillCity   | s:string        |
| tns:BillState  | s:string        |
| tns:BillPostalCode   | s:string        |
| tns:BillCounty   | s:string        |
| tns:BillCountry  | s:string        |
| tns:BillPhone  | s:string        |
| tns:BillEmail  | s:string        |

### Output (Literal)

The output of this method is the document element tns:UpdateBillingAddressResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateBillingAddressResult   | tns:GenericResponse |


## Method: UpdateInvoiceNote

### Description

For a given OrderID and Invoice information, this method will update an invoice note that was already entered.


### Input (Literal)

The input of this method is the document element tns:UpdateInvoiceNote having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| tns:Credentials  | tns:Credentials              |
| tns:InvoiceNoteUpdateRequest   | tns:InvoiceNoteUpdateRequest |
| tns:OrderID  | s:int                        |
| tns:InvoiceNotes   | s:string                     |

### Output (Literal)

The output of this method is the document element tns:UpdateInvoiceNoteResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateInvoiceNoteResult  | tns:GenericResponse |


## Method: UpdateMultipleTrackingNumbers

### Description

For a given OrderID, WarehouseID, and TrackingNumber, this method will update all items within an order to the given WarehouseID & TrackingNumber.


### Input (Literal)

The input of this method is the document element tns:UpdateMultipleTrackingNumbers having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OrderID  | s:string        |
| tns:TrackingNumber   | s:string        |
| tns:WarehouseID  | s:int           |
| tns:UpdateExisting   | s:boolean       |

### Output (Literal)

The output of this method is the document element tns:UpdateMultipleTrackingNumbersResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateMultipleTrackingNumbersResult  | tns:GenericResponse |


## Method: UpdateOrderDetailTrackingNumber

### Description

For a given OrderDetailID & TrackingNumber, this method will update a particular order item to the given tracking number.


### Input (Literal)

The input of this method is the document element tns:UpdateOrderDetailTrackingNumber having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OrderDetailID  | s:int           |
| tns:TrackingNumber   | s:string        |
| tns:UpdateExisting   | s:boolean       |

### Output (Literal)

The output of this method is the document element tns:UpdateOrderDetailTrackingNumberResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateOrderDetailTrackingNumberResult  | tns:GenericResponse |


## Method: UpdateOrderDetailTrackingNumberQauntity

### Description

For a given OrderDetailID & TrackingNumber, this method will update only the quantity of items entered within the order to the given WarehouseID and Tracking Number.


### Input (Literal)

The input of this method is the document element tns:UpdateOrderDetailTrackingNumberQauntity having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OrderDetailID  | s:int           |
| tns:TrackingNumber   | s:string        |
| tns:Quantity   | s:int           |

### Output (Literal)

The output of this method is the document element tns:UpdateOrderDetailTrackingNumberQauntityResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateOrderDetailTrackingNumberQauntityResult  | tns:GenericResponse |


## Method: UpdateShippingAddress

### Description

This method will update a given order to the given shipping address.


### Input (Literal)

The input of this method is the document element `tns:UpdateShippingAddress` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:OrderID</code>   | <code>s:int</code>           |
| <code>tns:ShipName1</code>   | <code>s:string</code>        |
| <code>tns:ShipName2</code>   | <code>s:string</code>        |
| <code>tns:ShipStreet1</code>   | <code>s:string</code>        |
| <code>tns:ShipStreet2</code>   | <code>s:string</code>        |
| <code>tns:ShipCity</code>  | <code>s:string</code>        |
| <code>tns:ShipState</code>   | <code>s:string</code>        |
| <code>tns:ShipPostalCode</code>  | <code>s:string</code>        |
| <code>tns:ShipCounty</code>  | <code>s:string</code>        |
| <code>tns:ShipCountry</code>   | <code>s:string</code>        |
| <code>tns:ShipPhone</code>   | <code>s:string</code>        |
| <code>tns:ShipEmail</code>   | <code>s:string</code>        |

### Output (Literal)

The output of this method is the document element `tns:UpdateShippingAddressResponse` having the structure defined by the following table.

| Element  | Type                             |
|--|----------------------------------|
|  SEQUENCE |                                  |
| <code>tns:UpdateShippingAddressResult</code>   | <code>tns:GenericResponse</code> |


## Method: UpdateShippingMethod

### Description

For a given Order ID & Shipping ID, this method will update the relative order to the given shipping method.


### Input (Literal)

The input of this method is the document element `tns:UpdateShippingMethod` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:OrderID</code>   | <code>s:int</code>           |
| <code>tns:ShipMethodID</code>  | <code>s:int</code>           |

### Output (Literal)

The output of this method is the document element `tns:UpdateShippingMethodResponse` having the structure defined by the following table.

| Element   | Type                             |
|---|----------------------------------|
|  SEQUENCE |                                  |
| <code>tns:UpdateShippingMethodResult</code>   | <code>tns:GenericResponse</code> |




## Method: UpdateTrackingNumber

### Description

For a given OrderID, WarehouseID, and TrackingNumber, this method will update all items within an order to the given WarehouseID & TrackingNumber.


### Input (Literal)

The input of this method is the document element tns:UpdateTrackingNumber having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OrderID  | s:int           |
| tns:TrackingNumber   | s:string        |
| tns:WarehouseID  | s:int           |
| tns:UpdateExisting   | s:boolean       |

### Output (Literal)

The output of this method is the document element tns:UpdateTrackingNumberResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateTrackingNumberResult   | tns:GenericResponse |


# Method: Version

## Input (Literal)

The input of this method is the document element tns:Version that is always empty.

## Output (Literal)

The output of this method is the document element tns:VersionResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:VersionResult  | tns:GenericResponse |

## Complex Types: ByDesign Order API

### Complex Types

| Name  |
|---|
| tns:ArrayOfCorrespondanceTypes                          |
| tns:ArrayOfCreateReturnOrderDetailItem                  |
| tns:ArrayOfNoteCategoryTypes                            |
| tns:ArrayOfOrderDetailsResponse                         |
| tns:ArrayOfOrderDetailsResponseV2                       |
| tns:ArrayOfOrderList                                    |
| tns:ArrayOfOrderTrackingInfo                            |
| tns:ArrayOfPackslipProcessOrder                         |
| tns:ArrayOfPackslipProcessOrderDetails                  |
| tns:ArrayOfPackslipProcessPaymentDetails                |
| tns:ArrayOfPaymentResponse                              |
| tns:ArrayOfReasonCodeType                               |
| tns:ArrayOfShippingMethods                              |
| tns:CheckedOrderedItemForCustomerDIDWithinDateResult    |
| tns:CheckedOrderedItemForCustomerDIDWithinDateResult_V2 |
| tns:CheckedOrderedItemForRepDIDWithinDateResult         |
| tns:CorrespondanceTypes                                 |
| tns>CreateReturnOrderDetailItem                         |
| tns>CreateReturnOrderRequest                            |
| tns:Credentials   |
| tns:GenericResponse                                     |
| tns:GenericResponseWithID                               |
| tns:GetOrderDetailsResponse                             |
| tns:GetOrderDetailsResponseV2                           |
| tns:GetOrderResponse                                    |
| tns:GetOrderResponse_V2                                 |
| tns:GetOrderTrackingResponse                            |
| tns:GetPaymentResponse                                  |
| tns:GetPaymentTotalResponse                             |
| tns:InvoiceNoteUpdateRequest                            |
| tns:NoteCategoryTypes                                   |
| tns:OrderDetailsResponse                                |
| tns:OrderDetailsResponseV2                              |
| tns:OrderList   |

| Name                              |
|-----------------------------------|
| tns:OrderTrackingInfo             |
| tns:PackslipProcessOrder          |
| tns:PackslipProcessOrderDetails   |
| tns:PackslipProcessParty          |
| tns:PackslipProcessPaymentDetails |
| tns:PackslipProcessRequest        |
| tns:PackslipProcessResponse       |
| tns:PaymentDetails                |
| tns:PaymentResponse               |
| tns:ReasonCodeType                |
| tns:ReasonCodeTypes               |
| tns:ShippingMethods               |

# Complex Type: tns:ArrayOfCorrespondanceTypes

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component               | Type                    |
|-------------------------|-------------------------|
| SEQUENCE                |                         |
| tns:CorrespondanceTypes | tns:CorrespondanceTypes |

## Referenced By

- Element tns:GetCorrespondanceTypesResult [element GetCorrespondanceTypesResponse]


# Complex Type: tns:ArrayOfCreateReturnOrderDetailItem

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type                            |
|--|---------------------------------|
|  SEQUENCE |                                 |
| tns:CreateReturnOrderDetailItem  | tns:CreateReturnOrderDetailItem |

## Referenced By

- Element tns:OrderDetailItems [type CreateReturnOrderRequest]

# Complex Type: tns:ArrayOfNoteCategoryTypes

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component             | Type                  |
|-----------------------|-----------------------|
| SEQUENCE              |                       |
| tns:NoteCategoryTypes | tns:NoteCategoryTypes |

## Referenced By

- Element tns:GetCustomerNoteCategoryTypesResult [element GetCustomerNoteCategoryTypesResponse]
- Element tns:GetNoteCategoryTypesResult [element GetNoteCategoryTypesResponse]


# Complex Type: tns:ArrayOfOrderDetailsResponse

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type                     |
|--|--------------------------|
|  SEQUENCE |                          |
| tns:OrderDetailsResponse   | tns:OrderDetailsResponse |

## Referenced By

- Element tns:OrderDetailsResponse [type GetOrderDetailsResponse]



# Complex Type: tns:ArrayOfOrderDetailsResponseV2

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component                  | Type                       |
|----------------------------|----------------------------|
| SEQUENCE                   |                            |
| tns:OrderDetailsResponseV2 | tns:OrderDetailsResponseV2 |

## Referenced By

- Element tns:OrderDetailsResponse [type GetOrderDetailsResponseV2]

# Complex Type: tns:ArrayOfOrderList

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component     | Type          |
|---------------|---------------|
| SEQUENCE      |               |
| tns:OrderList | tns:OrderList |

## Referenced By

- Element tns:GetOrderListRangeResult [element GetOrderListRangeResponse]
- Element tns:GetOrderListRecentResult [element GetOrderListRecentResponse]

# Complex Type: tns:ArrayOfOrderTrackingInfo

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component             | Type                  |
|-----------------------|-----------------------|
| SEQUENCE              |                       |
| tns:OrderTrackingInfo | tns:OrderTrackingInfo |

## Referenced By

- Element tns:TrackingInfo [type GetOrderTrackingResponse]

# Complex Type: tns:ArrayOfPackslipProcessOrder

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component                | Type                     |
|--------------------------|--------------------------|
| SEQUENCE                 |                          |
| tns:PackslipProcessOrder | tns:PackslipProcessOrder |

## Referenced By

- Element tns:Orders [type PackslipProcessResponse]

# Complex Type: tns:ArrayOfPackslipProcessOrderDetails

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component                       | Type                            |
|---------------------------------|---------------------------------|
| SEQUENCE                        |                                 |
| tns:PackslipProcessOrderDetails | tns:PackslipProcessOrderDetails |

## Referenced By

- Element tns:OrderDetails [type PackslipProcessOrder]


## Complex Type: tns:ArrayOfPackslipProcessPaymentDetails

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                              |
|--|-----------------------------------|
|  SEQUENCE |                                   |
| tns:PackslipProcessPaymentDetails  | tns:PackslipProcessPaymentDetails |

### Referenced By

- Element tns:Payments [type PackslipProcessOrder]

# Complex Type: tns:ArrayOfPaymentResponse

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component           | Type                |
|---------------------|---------------------|
| SEQUENCE            |                     |
| tns:PaymentResponse | tns:PaymentResponse |

## Referenced By

- Element tns:PaymentResponse [type GetPaymentResponse]


# Complex Type: tns:ArrayOfReasonCodeType

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type               |
|--|--------------------|
|  SEQUENCE |                    |
| tns:ReasonCodeType   | tns:ReasonCodeType |

## Referenced By

- Element tns:ReasonCodeType [type ReasonCodeTypes]



# Complex Type: tns:ArrayOfShippingMethods

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component           | Type                |
|---------------------|---------------------|
| SEQUENCE            |                     |
| tns:ShippingMethods | tns:ShippingMethods |

## Referenced By

- Element tns:GetShippingMethodsResult [element GetShippingMethodsResponse]

# Complex Type: tns:CheckedOrderedItemForCustomerDIDWithinDateResult

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component   | Type     |
|-------------|----------|
| SEQUENCE    |          |
| tns:Success | s:int    |
| tns:OrderID | s:int    |
| tns:URL     | s:string |

## Referenced By

- Element tns:CheckOrderedItemForCustomerDIDWithinDateResult [element CheckOrderedItemForCustomerDIDWithinDateResponse]

## Complex Type:

### tns:CheckedOrderedItemForCustomerDIDWithinDateResult\_V2

#### Derived By

Extending tns:GenericResponse

#### Content Model

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |
| tns:OrderID   | s:int    |
| tns:URL       | s:string |

#### Referenced By

- Element tns:CheckOrderedItemForCustomerDIDWithinDate\_V2Result [element CheckOrderedItemForCustomerDIDWithinDate\_V2Response]


## Complex Type: tns:CheckedOrderedItemForRepDIDWithinDateResult

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Success  | s:int    |
| tns:OrderID  | s:int    |
| tns:URL  | s:string |

### Referenced By

- Element tns:CheckOrderedItemForRepDIDWithinDateResult [element CheckOrderedItemForRepDIDWithinDateResponse]

# Complex Type: tns:CorrespondanceTypes

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component                | Type     |
|--------------------------|----------|
| SEQUENCE                 |          |
| tns:CorrespondanceTypeID | s:int    |
| tns:Description          | s:string |

**Referenced By**

- Element tns:CorrespondanceTypes [typeArrayOfCorrespondanceTypes]

## Complex Type: tns:CreateReturnOrderDetailItem

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component         | Type      |
|-------------------|-----------|
| SEQUENCE          |           |
| tns:OrderDetailID | s:int     |
| tns:Quantity      | s:int     |
| tns:ReturnPrice   | s:decimal |
| tns:TaxableAmount | s:decimal |
| tns:Volume        | s:decimal |
| tns:Volume2       | s:decimal |
| tns:Volume3       | s:decimal |
| tns:Volume4       | s:decimal |
| tns:OtherPrice    | s:decimal |
| tns:OtherPrice2   | s:decimal |
| tns:OtherPrice3   | s:decimal |
| tns:OtherPrice4   | s:decimal |

### Referenced By

- Element tns:CreateReturnOrderDetailItem [type ArrayOfCreateReturnOrderDetailItem]


## Complex Type: tns:CreateReturnOrderRequest

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                                   |
|--|--|
|  SEQUENCE |  |
| tns:OrderID  | s:int                                  |
| tns:OrderDate  | s:dateTime                             |
| tns:ReasonCodeTypeID   | s:int                                  |
| tns:ShippingTotal  | s:decimal                              |
| tns:HandlingFee  | s:decimal                              |
| tns:OrderDetailItems   | tns:ArrayOfCreateReturnOrderDetailItem |
| tns:Explanation  | s:string                               |

### Referenced By

- Element tns:CreateReturnOrderRequest [element CreateReturnOrder]

## Complex Type: tns:Credentials

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

### Referenced By

- Element tns:Credentials [element CheckOrderedItemForCustomerDIDWithinDate]
- Element tns:Credentials [element CheckOrderedItemForCustomerDIDWithinDate\_V2]
- Element tns:Credentials [element CheckOrderedItemForRepDIDWithinDate]
- Element tns:Credentials [element CreateInternalNote]
- Element tns:Credentials [element CreateReturnOrder]
- Element tns:Credentials [element GetCorrespondanceTypes]
- Element tns:Credentials [element GetCustomerNoteCategoryTypes]
- Element tns:Credentials [element GetNoteCategoryTypes]
- Element tns:Credentials [element GetOrderDetailsInfo]
- Element tns:Credentials [element GetOrderDetailsInfo\_V2]
- Element tns:Credentials [element GetOrderInfo]
- Element tns:Credentials [element GetOrderInfo\_V2]
- Element tns:Credentials [element GetOrderListRange]
- Element tns:Credentials [element GetOrderListRecent]
- Element tns:Credentials [element GetOrderTracking]
- Element tns:Credentials [element GetPackslip]
- Element tns:Credentials [element GetPayments]
- Element tns:Credentials [element GetReasonCodeTypes]
- Element tns:Credentials [element GetShippingMethods]
- Element tns:Credentials [element GetTotals]
- Element tns:Credentials [element SetStatusEntered]
- Element tns:Credentials [element SetStatusPosted]
- Element tns:Credentials [element SetStatusShipped]
- Element tns:Credentials [element SetStatusVoid]
- Element tns:Credentials [element UpdateBillingAddress]
- Element tns:Credentials [element UpdateInvoiceNote]



- Element tns:Credentials [element UpdateMultipleTrackingNumbers]
- Element tns:Credentials [element UpdateOrderDetailTrackingNumber]
- Element tns:Credentials [element UpdateOrderDetailTrackingNumberQauntity]
- Element tns:Credentials [element UpdateShippingAddress]
- Element tns:Credentials [element UpdateShippingMethod]
- Element tns:Credentials [element UpdateTrackingNumber]

## Complex Type: tns:GenericResponse

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

### Referenced By

- Element tns:CreateInternalNoteResult [element CreateInternalNoteResponse]
- Element tns:SetStatusEnteredResult [element SetStatusEnteredResponse]
- Element tns:SetStatusPostedResult [element SetStatusPostedResponse]
- Element tns:SetStatusShippedResult [element SetStatusShippedResponse]
- Element tns:SetStatusVoidResult [element SetStatusVoidResponse]
- Element tns:UpdateBillingAddressResult [element UpdateBillingAddressResponse]
- Element tns:UpdateInvoiceNoteResult [element UpdateInvoiceNoteResponse]
- Element tns:UpdateMultipleTrackingNumbersResult [element UpdateMultipleTrackingNumbersResponse]
- Element tns:UpdateOrderDetailTrackingNumberQuantityResult [element UpdateOrderDetailTrackingNumberQuantityResponse]
- Element tns:UpdateOrderDetailTrackingNumberResult [element UpdateOrderDetailTrackingNumberResponse]
- Element tns:UpdateShippingAddressResult [element UpdateShippingAddressResponse]
- Element tns:UpdateShippingMethodResult [element UpdateShippingMethodResponse]
- Element tns:UpdateTrackingNumberResult [element UpdateTrackingNumberResponse]
- Element tns:VersionResult [element VersionResponse]
- Complex Type tns:CheckedOrderedItemForCustomerDIDWithinDateResult\_V2
- Complex Type tns:GenericResponseWithID
- Complex Type tns:GetOrderDetailsResponse
- Complex Type tns:GetOrderDetailsResponseV2
- Complex Type tns:GetOrderResponse
- Complex Type tns:GetOrderResponse\_V2
- Complex Type tns:GetOrderTrackingResponse
- Complex Type tns:GetPaymentResponse
- Complex Type tns:GetPaymentTotalResponse
- Complex Type tns:OrderList
- Complex Type tns:PackslipProcessResponse

- Complex Type tns:ReasonCodeTypes

# Complex Type: tns:GenericResponseWithID

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |
| tns:NewID     | s:int    |

## Referenced By

- Element tns:CreateReturnOrderResult [element CreateReturnOrderResponse]

## Complex Type: tns:GetOrderDetailsResponse

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component                | Type                            |
|--------------------------|---------------------------------|
| SEQUENCE                 |                                 |
| tns:RequestID            | s:int                           |
| tns:Success              | s:int                           |
| tns:Message              | s:string                        |
| tns:OrderDetailsResponse | tns:ArrayOfOrderDetailsResponse |

### Referenced By

- Element tns:GetOrderDetailsInfoResult [element GetOrderDetailsInfoResponse]

# Complex Type: tns:GetOrderDetailsResponseV2

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component                | Type                              |
|--------------------------|-----------------------------------|
| SEQUENCE                 |                                   |
| tns:RequestID            | s:int                             |
| tns:Success              | s:int                             |
| tns:Message              | s:string                          |
| tns:OrderDetailsResponse | tns:ArrayOfOrderDetailsResponseV2 |

## Referenced By

- Element tns:GetOrderDetailsInfo\_V2Result [element GetOrderDetailsInfo\_V2Response]

## Complex Type: tns:GetOrderResponse

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component          | Type     |
|--------------------|----------|
| SEQUENCE           |          |
| tns:RequestID      | s:int    |
| tns:Success        | s:int    |
| tns:Message        | s:string |
| tns:OrderID        | s:int    |
| tns:RepNumber      | s:string |
| tns:CustomerNumber | s:string |
| tns:Status         | s:string |
| tns:OrderDate      | s:string |
| tns:BillName1      | s:string |
| tns:BillName2      | s:string |
| tns:BillStreet1    | s:string |
| tns:BillStreet2    | s:string |
| tns:BillCity       | s:string |
| tns:BillState      | s:string |
| tns:BillPostalCode | s:string |
| tns:BillCounty     | s:string |
| tns:BillCountry    | s:string |
| tns:BillEmail      | s:string |
| tns:BillPhone      | s:string |
| tns:ShipName1      | s:string |
| tns:ShipName2      | s:string |
| tns:ShipStreet1    | s:string |
| tns:ShipStreet2    | s:string |
| tns:ShipCity       | s:string |
| tns:ShipState      | s:string |
| tns:ShipPostalCode | s:string |
| tns:ShipGeoCode    | s:string |
| tns:ShipCounty     | s:string |
| tns:ShipCountry    | s:string |

| Component                 | Type     |
|---------------------------|----------|
| tns:ShipEmail             | s:string |
| tns:ShipPhone             | s:string |
| tns:InvoiceNotes          | s:string |
| tns:ShipMethodID          | s:int    |
| tns:ShipMethod            | s:string |
| tns:Market                | s:string |
| tns:RankPriceType         | s:string |
| tns:PartyID               | s:int    |
| tns:GiftOrder             | s:string |
| tns:AlternateShipMethodID | s:string |

**Referenced By**

- Element tns:GetOrderInfoResult [element GetOrderInfoResponse]



## Complex Type: tns:GetOrderResponse\_V2

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component          | Type     |
|--------------------|----------|
| SEQUENCE           |          |
| tns:RequestID      | s:int    |
| tns:Success        | s:int    |
| tns:Message        | s:string |
| tns:OrderID        | s:int    |
| tns:RepNumber      | s:string |
| tns:CustomerNumber | s:string |
| tns:Status         | s:string |
| tns:OrderDate      | s:string |
| tns:BillName1      | s:string |
| tns:BillName2      | s:string |
| tns:BillStreet1    | s:string |
| tns:BillStreet2    | s:string |
| tns:BillCity       | s:string |
| tns:BillState      | s:string |
| tns:BillPostalCode | s:string |
| tns:BillCounty     | s:string |
| tns:BillCountry    | s:string |
| tns:BillEmail      | s:string |
| tns:BillPhone      | s:string |
| tns:ShipName1      | s:string |
| tns:ShipName2      | s:string |
| tns:ShipStreet1    | s:string |
| tns:ShipStreet2    | s:string |
| tns:ShipCity       | s:string |
| tns:ShipState      | s:string |
| tns:ShipPostalCode | s:string |
| tns:ShipGeoCode    | s:string |
| tns:ShipCounty     | s:string |
| tns:ShipCountry    | s:string |

| Component                 | Type     |
|---------------------------|----------|
| tns:ShipEmail             | s:string |
| tns:ShipPhone             | s:string |
| tns:InvoiceNotes          | s:string |
| tns:ShipMethodID          | s:int    |
| tns:ShipMethod            | s:string |
| tns:Market                | s:string |
| tns:RankPriceType         | s:string |
| tns:PartyID               | s:int    |
| tns:CurrencyTypeID        | s:int    |
| tns:GiftOrder             | s:string |
| tns:AlternateShipMethodID | s:string |

**Referenced By**

- Element tns:GetOrderInfo\_V2Result [element GetOrderInfo\_V2Response]

# Complex Type: tns:GetOrderTrackingResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component        | Type                         |
|------------------|------------------------------|
| SEQUENCE         |                              |
| tns:RequestID    | s:int                        |
| tns:Success      | s:int                        |
| tns:Message      | s:string                     |
| tns:TrackingInfo | tns:ArrayOfOrderTrackingInfo |

## Referenced By

- Element tns:GetOrderTrackingResult [element GetOrderTrackingResponse]

# Complex Type: tns:GetPaymentResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component           | Type                       |
|---------------------|----------------------------|
| SEQUENCE            |                            |
| tns:RequestID       | s:int                      |
| tns:Success         | s:int                      |
| tns:Message         | s:string                   |
| tns:PaymentResponse | tns:ArrayOfPaymentResponse |

## Referenced By

- Element tns:GetPaymentsResult [element GetPaymentsResponse]


## Complex Type: tns:GetPaymentTotalResponse

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |
| tns:OrderID  | s:int    |
| tns:SubTotal   | s:string |
| tns:TaxTotal   | s:string |
| tns:ShippingTotal  | s:string |
| tns:TotalPrice   | s:string |
| tns:BalanceDue   | s:string |
| tns:HandlingFee  | s:string |
| tns:HandlingTax  | s:string |
| tns:ShippingTax  | s:string |

### Referenced By

- Element tns:GetTotalsResult [element GetTotalsResponse]

# Complex Type: tns:InvoiceNoteUpdateRequest

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component             | Type             |
|-----------------------|------------------|
| SEQUENCE              |                  |
| tns:UpdateRequestType | tns:InvoiceNotes |

**Referenced By**

- Element tns:InvoiceNoteUpdateRequest [element UpdateInvoiceNote]

# Complex Type: tns:NoteCategoryTypes

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component       | Type     |
|-----------------|----------|
| SEQUENCE        |          |
| tns:CategoryID  | s:int    |
| tns:Description | s:string |

## Referenced By

- Element tns:NoteCategoryTypes [type ArrayOfNoteCategoryTypes]


## Complex Type: tns:OrderDetailsResponse

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:OrderID  | s:int    |
| tns:PartyID  | s:int    |
| tns:OrderDetailID  | s:int    |
| tns:ProductID  | s:string |
| tns:Description  | s:string |
| tns:Quantity   | s:int    |
| tns:Price  | s:string |
| tns:Volume   | s:string |
| tns:Tax  | s:string |
| tns:TaxableAmount  | s:string |
| tns:GroupOwner   | s:int    |
| tns:ParentOrderDetailID  | s:int    |

### Referenced By

- Element tns:OrderDetailsResponse [type ArrayOfOrderDetailsResponse]



## Complex Type: tns:OrderDetailsResponseV2

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component                          | Type     |
|------------------------------------|----------|
| SEQUENCE                           |          |
| tns:OrderID                        | s:int    |
| tns:PartyID                        | s:int    |
| tns:OrderDetailID                  | s:int    |
| tns:ProductID                      | s:string |
| tns:Description                    | s:string |
| tns:Quantity                       | s:int    |
| tns:Price                          | s:string |
| tns:Volume                         | s:string |
| tns:Tax                            | s:string |
| tns:TaxableAmount                  | s:string |
| tns:GroupOwner                     | s:int    |
| tns:ParentOrderDetailID            | s:int    |
| tns:WarehouseName                  | s:string |
| tns:WarehouseEmail                 | s:string |
| tns:WarehousePackSlipLine1         | s:string |
| tns:WarehousePackSlipLine2         | s:string |
| tns:WarehousePackSlipLine3         | s:string |
| tns:WarehousePackSlipLine4         | s:string |
| tns:WarehousePackSlipLine5         | s:string |
| tns:WarehousePackSlipLine6         | s:string |
| tns:WarehousePickupLocation        | s:string |
| tns:WarehouseCompanyTaxID          | s:string |
| tns:WarehouseIntlCompanyName       | s:string |
| tns:WarehousePackSlipTaxTitle      | s:string |
| tns:WarehousePackSlipTaxPercentage | s:double |
| tns:PackSlipProcessID              | s:int    |
| tns:Volume2                        | s:string |
| tns:Volume3                        | s:string |
| tns:Volume4                        | s:string |

| Component             | Type     |
|-----------------------|----------|
| tns:OtherPrice1       | s:string |
| tns:OtherPrice2       | s:string |
| tns:OtherPrice3       | s:string |
| tns:OtherPrice4       | s:string |
| tns:PackSlipProductID | s:string |
| tns:PackSlipBarcode   | s:string |

**Referenced By**

- Element tns:OrderDetailsResponseV2 [type ArrayOfOrderDetailsResponseV2]

# Complex Type: tns:OrderList

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component            | Type       |
|----------------------|------------|
| SEQUENCE             |            |
| tns:RequestID        | s:int      |
| tns:Success          | s:int      |
| tns:Message          | s:string   |
| tns:OrderID          | s:int      |
| tns:CreatedDate      | s:dateTime |
| tns:LastModifiedDate | s:dateTime |

## Referenced By

- Element tns:OrderList [type ArrayOfOrderList]

# Complex Type: tns:OrderTrackingInfo

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|------------|----------|
| SEQUENCE   |          |
| tns:Number | s:string |
| tns:URL    | s:string |

## Referenced By

- Element tns:OrderTrackingInfo [type ArrayOfOrderTrackingInfo]


## Complex Type: tns:PackslipProcessOrder

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                                     |
|--|--|
|  SEQUENCE |  |
| tns:OrderDetails   | tns:ArrayOfPackslipProcessOrderDetails   |
| tns:Payments   | tns:ArrayOfPackslipProcessPaymentDetails |
| tns:Party  | tns:PackslipProcessParty                 |
| tns:OrderID  | s:int                                    |
| tns:PartyID  | s:int                                    |
| tns:OrderDate  | s:dateTime                               |
| tns:SubjectID  | s:int                                    |
| tns:ShipName1  | s:string                                 |
| tns:ShipName2  | s:string                                 |
| tns:ShipStreet1  | s:string                                 |
| tns:ShipStreet2  | s:string                                 |
| tns:ShipCity   | s:string                                 |
| tns:ShipState  | s:string                                 |
| tns:ShipPostalCode   | s:string                                 |
| tns:ShipCounty   | s:string                                 |
| tns:ShipCountry  | s:string                                 |
| tns:BillName1  | s:string                                 |
| tns:BillName2  | s:string                                 |
| tns:BillStreet1  | s:string                                 |
| tns:BillStreet2  | s:string                                 |
| tns:BillCity   | s:string                                 |
| tns:BillState  | s:string                                 |
| tns:BillPostalCode   | s:string                                 |
| tns:BillCounty   | s:string                                 |
| tns:BillCountry  | s:string                                 |
| tns:BillPhone  | s:string                                 |
| tns:ShipPhone  | s:string                                 |
| tns:BonusDate  | s:dateTime                               |
| tns:InvoiceNotes   | s:string                                 |

| Component                    | Type      |
|------------------------------|-----------|
| tns:Description              | s:string  |
| tns:TotalPrice               | s:decimal |
| tns:ShippingTotal            | s:decimal |
| tns:HandlingFee              | s:decimal |
| tns:UseHandlingFee           | s:boolean |
| tns:StatusDesc               | s:string  |
| tns:MarketShow               | s:string  |
| tns:ShippingMethodDesc       | s:string  |
| tns:RepDID                   | s:string  |
| tns:TaxID                    | s:string  |
| tns:Email                    | s:string  |
| tns:CustomerDID              | s:string  |
| tns:SupressFinancials        | s:boolean |
| tns:PartyOrderRecipient      | s:string  |
| tns:PartyOrderRecipientPhone | s:string  |
| tns:GiftMessageCount         | s:int     |
| tns:ShippingTax              | s:decimal |
| tns:HandlingTax              | s:decimal |

**Referenced By**

- Element tns:PackslipProcessOrder [type ArrayOfPackslipProcessOrder]


## Complex Type: tns:PackslipProcessOrderDetails

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type      |
|--|-----------|
|  SEQUENCE |           |
| tns:OrderDetailID  | s:int     |
| tns:InventoryID  | s:int     |
| tns:OrderID  | s:int     |
| tns:GroupOwnerDetailID   | s:int     |
| tns:GroupItem  | s:int     |
| tns:PackslipProcessID  | s:int     |
| tns:Price  | s:double  |
| tns:Quantity   | s:int     |
| tns:Tax  | s:double  |
| tns:ProductID  | s:string  |
| tns:Description  | s:string  |
| tns:Volume   | s:double  |
| tns:PackslipSortOrder  | s:int     |
| tns:ShippingExempt   | s:boolean |

### Referenced By

- Element tns:PackslipProcessOrderDetails [typeArrayOfPackslipProcessOrderDetails]

## Complex Type: tns:PackslipProcessParty

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component          | Type       |
|--------------------|------------|
| SEQUENCE           |            |
| tns:ID             | s:int      |
| tns:PartyDesc      | s:string   |
| tns:ShipName       | s:string   |
| tns:ShipStreet1    | s:string   |
| tns:ShipStreet2    | s:string   |
| tns:ShipCity       | s:string   |
| tns:ShipState      | s:string   |
| tns:ShipPostalCode | s:string   |
| tns:PartyDate      | s:dateTime |
| tns:Directions     | s:string   |
| tns:HostessTerm    | s:string   |
| tns:PartyTerm      | s:string   |
| tns:TypeDesc       | s:string   |
| tns:ProductID      | s:string   |
| tns:Description    | s:string   |
| tns:ItemQty        | s:int      |
| tns:CustomerDID    | s:string   |
| tns:RepDID         | s:string   |
| tns:Phone          | s:string   |
| tns:PartyCount     | s:int      |

### Referenced By

- Element tns:Party [type PackslipProcessOrder]




## Complex Type: tns:PackslipProcessPaymentDetails

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type       |
|--|------------|
|  SEQUENCE |            |
| tns:PaymentID  | s:int      |
| tns:Amount   | s:double   |
| tns:PaymentDate  | s:dateTime |
| tns:TypeDescription  | s:string   |
| tns:CategoryID   | s:int      |
| tns:OrderID  | s:int      |

### Referenced By

- Element tns:PackslipProcessPaymentDetails [type ArrayOfPackslipProcessPaymentDetails]


## Complex Type: tns:PackslipProcessRequest

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type       |
|--|------------|
|  SEQUENCE |            |
| tns:PackslipProcessID  | s:int      |
| tns:OrderID  | s:int      |
| tns:WarehouseID  | s:int      |
| tns:CreatedBy  | s:string   |
| tns:ShipMethodID   | s:int      |
| tns:StartDate  | s:dateTime |
| tns:EndDate  | s:dateTime |

### Referenced By

- Element tns:Request [element GetPackslip]

# Complex Type: tns:PackslipProcessResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component             | Type                            |
|-----------------------|---------------------------------|
| SEQUENCE              |                                 |
| tns:RequestID         | s:int                           |
| tns:Success           | s:int                           |
| tns:Message           | s:string                        |
| tns:FilePath          | s:string                        |
| tns:PackslipProcessID | s:int                           |
| tns:Orders            | tns:ArrayOfPackslipProcessOrder |

## Referenced By

- Element tns:GetPackslipResult [element GetPackslipResponse]


## Complex Type: tns:PaymentDetails

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Detail1  | s:string |
| tns:Detail2  | s:string |
| tns:Detail3  | s:string |
| tns:Detail4  | s:string |
| tns:Detail5  | s:string |
| tns:Detail6  | s:string |
| tns:Detail7  | s:string |
| tns:Detail8  | s:string |
| tns:Detail9  | s:string |
| tns:Detail10   | s:string |
| tns:Detail11   | s:string |
| tns:Detail12   | s:string |
| tns:Detail13   | s:string |
| tns:Detail14   | s:string |
| tns:Detail15   | s:string |
| tns:Detail16   | s:string |
| tns:Detail17   | s:string |
| tns:Detail18   | s:string |
| tns:Detail19   | s:string |

### Referenced By

- Element tns:PaymentDetails [type PaymentResponse]


## Complex Type: tns:PaymentResponse

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type               |
|--|--------------------|
|  SEQUENCE |                    |
| tns:OrderID  | s:int              |
| tns:PaymentID  | s:int              |
| tns:PaymentDate  | s:string           |
| tns:PaymentType  | s:string           |
| tns:Amount   | s:string           |
| tns:PaymentStatus  | s:string           |
| tns:PaymentDetails   | tns:PaymentDetails |

### Referenced By

- Element tns:PaymentResponse [typeArrayOfPaymentResponse]

# Complex Type: tns:ReasonCodeType

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component             | Type     |
|-----------------------|----------|
| SEQUENCE              |          |
| tns:ReasonCodeTypeID  | s:int    |
| tns:ReasonAreaType    | s:string |
| tns:ReasonDescription | s:string |
| tns:ReasonExplanation | s:string |

## Referenced By

- Element tns:ReasonCodeType [type ArrayOfReasonCodeType]

# Complex Type: tns:ReasonCodeTypes

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component          | Type                      |
|--------------------|---------------------------|
| SEQUENCE           |                           |
| tns:RequestID      | s:int                     |
| tns:Success        | s:int                     |
| tns:Message        | s:string                  |
| tns:ReasonCodeType | tns:ArrayOfReasonCodeType |

## Referenced By

- Element tns:GetReasonCodeTypesResult [element GetReasonCodeTypesResponse]

## Complex Type: tns:ShippingMethods

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component       | Type     |
|-----------------|----------|
| SEQUENCE        |          |
| tns:ID          | s:int    |
| tns:Description | s:string |

### Referenced By

- Element tns:ShippingMethods [typeArrayOfShippingMethods]



## Simple Types: ByDesign Order API

### Simple Types

| Name             |
|------------------|
| tns:InvoiceNotes |

## Simple Type: tns:InvoiceNotes

### Derived By

Restricting s:string

### Referenced By

- Element tns:UpdateRequestType [type InvoiceNoteUpdateRequest]

## Elements: ByDesign Order API

### Elements

| Name   |
|--|
| tns:AlternateShipMethodID [type GetOrderResponse]    |
| tns:AlternateShipMethodID [type GetOrderResponse_V2] |
| tns:Amount [type PackerProcessPaymentDetails]        |
| tns:Amount [type PaymentResponse]                    |
| tns:BalanceDue [type GetPaymentTotalResponse]        |
| tns:BillCity [element UpdateBillingAddress]          |
| tns:BillCity [type GetOrderResponse]                 |
| tns:BillCity [type GetOrderResponse_V2]              |
| tns:BillCity [type PackerProcessOrder]               |
| tns:BillCountry [element UpdateBillingAddress]       |
| tns:BillCountry [type GetOrderResponse]              |
| tns:BillCountry [type GetOrderResponse_V2]           |
| tns:BillCountry [type PackerProcessOrder]            |
| tns:BillCounty [element UpdateBillingAddress]        |
| tns:BillCounty [type GetOrderResponse]               |
| tns:BillCounty [type GetOrderResponse_V2]            |
| tns:BillCounty [type PackerProcessOrder]             |
| tns:BillEmail [element UpdateBillingAddress]         |
| tns:BillEmail [type GetOrderResponse]                |
| tns:BillEmail [type GetOrderResponse_V2]             |
| tns:BillName1 [element UpdateBillingAddress]         |
| tns:BillName1 [type GetOrderResponse]                |
| tns:BillName1 [type GetOrderResponse_V2]             |
| tns:BillName1 [type PackerProcessOrder]              |
| tns:BillName2 [element UpdateBillingAddress]         |
| tns:BillName2 [type GetOrderResponse]                |
| tns:BillName2 [type GetOrderResponse_V2]             |
| tns:BillName2 [type PackerProcessOrder]              |
| tns:BillPhone [element UpdateBillingAddress]         |
| tns:BillPhone [type GetOrderResponse]                |
| tns:BillPhone [type GetOrderResponse_V2]             |
| tns:BillPhone [type PackerProcessOrder]              |
| tns:BillPostalCode [element UpdateBillingAddress]    |
| tns:BillPostalCode [type GetOrderResponse]           |

| Name  |
|---|
| tns:BillPostalCode [type GetOrderResponse_V2]   |
| tns:BillPostalCode [type PackslipProcessOrder]  |
| tns:BillState [element UpdateBillingAddress]  |
| tns:BillState [type GetOrderResponse]   |
| tns:BillState [type GetOrderResponse_V2]  |
| tns:BillState [type PackslipProcessOrder]   |
| tns:BillStreet1 [element UpdateBillingAddress]  |
| tns:BillStreet1 [type GetOrderResponse]   |
| tns:BillStreet1 [type GetOrderResponse_V2]  |
| tns:BillStreet1 [type PackslipProcessOrder]   |
| tns:BillStreet2 [element UpdateBillingAddress]  |
| tns:BillStreet2 [type GetOrderResponse]   |
| tns:BillStreet2 [type GetOrderResponse_V2]  |
| tns:BillStreet2 [type PackslipProcessOrder]   |
| tns:BonusDate [type PackslipProcessOrder]   |
| tns:CategoryID [element CreateInternalNote]   |
| tns:CategoryID [type NoteCategoryTypes]   |
| tns:CategoryID [type PackslipProcessPaymentDetails]   |
| tns:CheckOrderedItemForCustomerDIDWithinDate  |
| tns:CheckOrderedItemForCustomerDIDWithinDate_V2   |
| tns:CheckOrderedItemForCustomerDIDWithinDate_V2Response   |
| tns:CheckOrderedItemForCustomerDIDWithinDate_V2Result [element CheckOrderedItemForCustomerDIDWithinDate_V2Response] |
| tns:CheckOrderedItemForCustomerDIDWithinDateResponse  |
| tns:CheckOrderedItemForCustomerDIDWithinDateResult [element CheckOrderedItemForCustomerDIDWithinDateResponse]       |
| tns:CheckOrderedItemForRepDIDWithinDate   |
| tns:CheckOrderedItemForRepDIDWithinDateResponse   |
| tns:CheckOrderedItemForRepDIDWithinDateResult [element CheckOrderedItemForRepDIDWithinDateResponse]                 |
| tns:CorrespondanceTypeID [element CreateInternalNote]   |
| tns:CorrespondanceTypeID [type CorrespondanceTypes]   |
| tns:CorrespondanceTypes [type ArrayOfCorrespondanceTypes]   |
| tns:CreatedBy [type PackslipProcessRequest]   |
| tns:CreatedDate [type OrderList]  |
| tns>CreateInternalNote  |
| tns>CreateInternalNoteResponse  |
| tns>CreateInternalNoteResult [element CreateInternalNoteResponse]   |

**Elements**

| <b>Name</b>   |
|---|
| tns:CreateReturnOrder   |
| tns:CreateReturnOrderDetailItem [type ArrayOfCreateReturnOrderDetailItem] |
| tns:CreateReturnOrderRequest [element CreateReturnOrder]                  |
| tns:CreateReturnOrderResponse   |
| tns:CreateReturnOrderResult [element CreateReturnOrderResponse]           |
| tns:Credentials [element CheckOrderedItemForCustomerDIDWithinDate]        |
| tns:Credentials [element CheckOrderedItemForCustomerDIDWithinDate_V2]     |
| tns:Credentials [element CheckOrderedItemForRepDIDWithinDate]             |
| tns:Credentials [element CreateInternalNote]                              |
| tns:Credentials [element CreateReturnOrder]                               |
| tns:Credentials [element GetCorrespondanceTypes]                          |
| tns:Credentials [element GetCustomerNoteCategoryTypes]                    |
| tns:Credentials [element GetNoteCategoryTypes]                            |
| tns:Credentials [element GetOrderDetailsInfo]                             |
| tns:Credentials [element GetOrderDetailsInfo_V2]                          |
| tns:Credentials [element GetOrderInfo]                                    |
| tns:Credentials [element GetOrderInfo_V2]                                 |
| tns:Credentials [element GetOrderListRange]                               |
| tns:Credentials [element GetOrderListRecent]                              |
| tns:Credentials [element GetOrderTracking]                                |
| tns:Credentials [element GetPackslip]                                     |
| tns:Credentials [element GetPayments]                                     |
| tns:Credentials [element GetReasonCodeTypes]                              |
| tns:Credentials [element GetShippingMethods]                              |
| tns:Credentials [element GetTotals]                                       |
| tns:Credentials [element SetStatusEntered]                                |
| tns:Credentials [element SetStatusPosted]                                 |
| tns:Credentials [element SetStatusShipped]                                |
| tns:Credentials [element SetStatusVoid]                                   |
| tns:Credentials [element UpdateBillingAddress]                            |
| tns:Credentials [element UpdateInvoiceNote]                               |
| tns:Credentials [element UpdateMultipleTrackingNumbers]                   |
| tns:Credentials [element UpdateOrderDetailTrackingNumber]                 |
| tns:Credentials [element UpdateOrderDetailTrackingNumberQauntity]         |
| tns:Credentials [element UpdateShippingAddress]                           |

| Name  |
|---|
| tns:Credentials [element UpdateShippingMethod]                        |
| tns:Credentials [element UpdateTrackingNumber]                        |
| tns:Critical [element CreateInternalNote]                             |
| tns:CurrencyTypeID [type GetOrderResponse_V2]                         |
| tns:CustomerDID [element CheckOrderedItemForCustomerDIDWithinDate]    |
| tns:CustomerDID [element CheckOrderedItemForCustomerDIDWithinDate_V2] |
| tns:CustomerDID [type PackslipProcessOrder]                           |
| tns:CustomerDID [type PackslipProcessParty]                           |
| tns:CustomerNumber [type GetOrderResponse]                            |
| tns:CustomerNumber [type GetOrderResponse_V2]                         |
| tns:Description [type CorrespondanceTypes]                            |
| tns:Description [type NoteCategoryTypes]                              |
| tns:Description [type OrderDetailsResponse]                           |
| tns:Description [type OrderDetailsResponseV2]                         |
| tns:Description [type PackslipProcessOrder]                           |
| tns:Description [type PackslipProcessOrderDetails]                    |
| tns:Description [type PackslipProcessParty]                           |
| tns:Description [type ShippingMethods]                                |
| tns:Detail1 [type PaymentDetails]                                     |
| tns:Detail10 [type PaymentDetails]                                    |
| tns:Detail11 [type PaymentDetails]                                    |
| tns:Detail12 [type PaymentDetails]                                    |
| tns:Detail13 [type PaymentDetails]                                    |
| tns:Detail14 [type PaymentDetails]                                    |
| tns:Detail15 [type PaymentDetails]                                    |
| tns:Detail16 [type PaymentDetails]                                    |
| tns:Detail17 [type PaymentDetails]                                    |
| tns:Detail18 [type PaymentDetails]                                    |
| tns:Detail19 [type PaymentDetails]                                    |
| tns:Detail2 [type PaymentDetails]                                     |
| tns:Detail3 [type PaymentDetails]                                     |
| tns:Detail4 [type PaymentDetails]                                     |
| tns:Detail5 [type PaymentDetails]                                     |
| tns:Detail6 [type PaymentDetails]                                     |
| tns:Detail7 [type PaymentDetails]                                     |
| tns:Detail8 [type PaymentDetails]                                     |
| tns:Detail9 [type PaymentDetails]                                     |

**Elements**

| <b>Name</b>   |
|---|
| tns:Directions [type PackslipProcessParty]  |
| tns:Email [type PackslipProcessOrder]   |
| tns:EndDate [type PackslipProcessRequest]   |
| tns:EvalDateLastModified [element GetOrderListRange]                                  |
| tns:EvalDateLastModified [element GetOrderListRecent]                                 |
| tns:Explanation [type CreateReturnOrderRequest]                                       |
| tns:FilePath [type PackslipProcessResponse]   |
| tns:GetCorrespondanceTypes  |
| tns:GetCorrespondanceTypesResponse  |
| tns:GetCorrespondanceTypesResult [element GetCorrespondanceTypesResponse]             |
| tns:GetCustomerNoteCategoryTypes  |
| tns:GetCustomerNoteCategoryTypesResponse  |
| tns:GetCustomerNoteCategoryTypesResult [element GetCustomerNoteCategoryTypesResponse] |
| tns:GetNoteCategoryTypes  |
| tns:GetNoteCategoryTypesResponse  |
| tns:GetNoteCategoryTypesResult [element GetNoteCategoryTypesResponse]                 |
| tns:GetOrderDetailsInfo   |
| tns:GetOrderDetailsInfo_V2  |
| tns:GetOrderDetailsInfo_V2Response  |
| tns:GetOrderDetailsInfo_V2Result [element GetOrderDetailsInfo_V2Response]             |
| tns:GetOrderDetailsInfoResponse   |
| tns:GetOrderDetailsInfoResult [element GetOrderDetailsInfoResponse]                   |
| tns:GetOrderInfo  |
| tns:GetOrderInfo_V2   |
| tns:GetOrderInfo_V2Response   |
| tns:GetOrderInfo_V2Result [element GetOrderInfo_V2Response]                           |
| tns:GetOrderInfoResponse  |
| tns:GetOrderInfoResult [element GetOrderInfoResponse]                                 |
| tns:GetOrderListRange   |
| tns:GetOrderListRangeResponse   |
| tns:GetOrderListRangeResult [element GetOrderListRangeResponse]                       |
| tns:GetOrderListRecent  |
| tns:GetOrderListRecentResponse  |
| tns:GetOrderListRecentResult [element GetOrderListRecentResponse]                     |
| tns:GetOrderTracking  |

| Name   |
|--|
| tns:GetOrderTrackingResponse                                       |
| tns:GetOrderTrackingResult [element GetOrderTrackingResponse]      |
| tns:GetPackslip  |
| tns:GetPackslipResponse  |
| tns:GetPackslipResult [element GetPackslipResponse]                |
| tns:GetPayments  |
| tns:GetPaymentsResponse  |
| tns:GetPaymentsResult [element GetPaymentsResponse]                |
| tns:GetReasonCodeTypes   |
| tns:GetReasonCodeTypesResponse                                     |
| tns:GetReasonCodeTypesResult [element GetReasonCodeTypesResponse]  |
| tns:GetShippingMethods   |
| tns:GetShippingMethodsResponse                                     |
| tns:GetShippingMethodsResult [element GetShippingMethodsResponse]  |
| tns:GetTotals  |
| tns:GetTotalsResponse  |
| tns:GetTotalsResult [element GetTotalsResponse]                    |
| tns:GiftMessageCount [type PackslipProcessOrder]                   |
| tns:GiftOrder [type GetOrderResponse]                              |
| tns:GiftOrder [type GetOrderResponse_V2]                           |
| tns:GroupItem [type PackslipProcessOrderDetails]                   |
| tns:GroupOwner [type OrderDetailsResponse]                         |
| tns:GroupOwner [type OrderDetailsResponseV2]                       |
| tns:GroupOwnerDetailID [type PackslipProcessOrderDetails]          |
| tns:HandlingFee [type CreateReturnOrderRequest]                    |
| tns:HandlingFee [type GetPaymentTotalResponse]                     |
| tns:HandlingFee [type PackslipProcessOrder]                        |
| tns:HandlingTax [type GetPaymentTotalResponse]                     |
| tns:HandlingTax [type PackslipProcessOrder]                        |
| tns:HostessTerm [type PackslipProcessParty]                        |
| tns:ID [type PackslipProcessParty]                                 |
| tns:ID [type ShippingMethods]                                      |
| tns:InventoryID [element CheckOrderedItemForCustomerDIDWithinDate] |
| tns:InventoryID [element CheckOrderedItemForRepDIDWithinDate]      |
| tns:InventoryID [type PackslipProcessOrderDetails]                 |
| tns:InvoiceNotes [element SetStatusVoid]                           |
| tns:InvoiceNotes [element UpdateInvoiceNote]                       |



## Elements

| Name  |
|---|
| tns:InvoiceNotes [type GetOrderResponse]                            |
| tns:InvoiceNotes [type GetOrderResponse_V2]                         |
| tns:InvoiceNotes [type PackslipProcessOrder]                        |
| tns:InvoiceNoteUpdateRequest [element UpdateInvoiceNote]            |
| tns:ItemID [element CheckOrderedItemForCustomerDIDWithinDate_V2]    |
| tns:ItemQty [type PackslipProcessParty]                             |
| tns:LastModifiedDate [type OrderList]                               |
| tns:Market [type GetOrderResponse]                                  |
| tns:Market [type GetOrderResponse_V2]                               |
| tns:MarketShow [type PackslipProcessOrder]                          |
| tns:Message [type GenericResponse]                                  |
| tns:Message1 [element CreateInternalNote]                           |
| tns:NewID [type GenericResponseWithID]                              |
| tns:NoteCategoryTypes [type ArrayOfNoteCategoryTypes]               |
| tns:Number [type OrderTrackingInfo]                                 |
| tns:OrderDate [type CreateReturnOrderRequest]                       |
| tns:OrderDate [type GetOrderResponse]                               |
| tns:OrderDate [type GetOrderResponse_V2]                            |
| tns:OrderDate [type PackslipProcessOrder]                           |
| tns:OrderDetailID [element UpdateOrderDetailTrackingNumber]         |
| tns:OrderDetailID [element UpdateOrderDetailTrackingNumberQauntity] |
| tns:OrderDetailID [type CreateReturnOrderDetailItem]                |
| tns:OrderDetailID [type OrderDetailsResponse]                       |
| tns:OrderDetailID [type OrderDetailsResponseV2]                     |
| tns:OrderDetailID [type PackslipProcessOrderDetails]                |
| tns:OrderDetailItems [type CreateReturnOrderRequest]                |
| tns:OrderDetails [type PackslipProcessOrder]                        |
| tns:OrderDetailsResponse [type ArrayOfOrderDetailsResponse]         |
| tns:OrderDetailsResponse [type GetOrderDetailsResponse]             |
| tns:OrderDetailsResponse [type GetOrderDetailsResponseV2]           |
| tns:OrderDetailsResponseV2 [type ArrayOfOrderDetailsResponseV2]     |
| tns:OrderID [element CreateInternalNote]                            |
| tns:OrderID [element GetOrderDetailsInfo]                           |
| tns:OrderID [element GetOrderDetailsInfo_V2]                        |
| tns:OrderID [element GetOrderInfo]                                  |

| Name   |
|--|
| tns:OrderID [element GetOrderInfo_V2]                                  |
| tns:OrderID [element GetOrderTracking]                                 |
| tns:OrderID [element GetPayments]                                      |
| tns:OrderID [element GetTotals]  |
| tns:OrderID [element SetStatusEntered]                                 |
| tns:OrderID [element SetStatusPosted]                                  |
| tns:OrderID [element SetStatusShipped]                                 |
| tns:OrderID [element SetStatusVoid]                                    |
| tns:OrderID [element UpdateBillingAddress]                             |
| tns:OrderID [element UpdateInvoiceNote]                                |
| tns:OrderID [element UpdateMultipleTrackingNumbers]                    |
| tns:OrderID [element UpdateShippingAddress]                            |
| tns:OrderID [element UpdateShippingMethod]                             |
| tns:OrderID [element UpdateTrackingNumber]                             |
| tns:OrderID [type CheckedOrderedItemForCustomerDIDWithinDateResult]    |
| tns:OrderID [type CheckedOrderedItemForCustomerDIDWithinDateResult_V2] |
| tns:OrderID [type CheckedOrderedItemForRepDIDWithinDateResult]         |
| tns:OrderID [type CreateReturnOrderRequest]                            |
| tns:OrderID [type GetOrderResponse]                                    |
| tns:OrderID [type GetOrderResponse_V2]                                 |
| tns:OrderID [type GetPaymentTotalResponse]                             |
| tns:OrderID [type OrderDetailsResponse]                                |
| tns:OrderID [type OrderDetailsResponseV2]                              |
| tns:OrderID [type OrderList]   |
| tns:OrderID [type PackslipProcessOrder]                                |
| tns:OrderID [type PackslipProcessOrderDetails]                         |
| tns:OrderID [type PackslipProcessPaymentDetails]                       |
| tns:OrderID [type PackslipProcessRequest]                              |
| tns:OrderID [type PaymentResponse]                                     |
| tns:OrderList [type ArrayOfOrderList]                                  |
| tns:Orders [type PackslipProcessResponse]                              |
| tns:OrderTrackingInfo [type ArrayOfOrderTrackingInfo]                  |
| tns:OtherPrice [type CreateReturnOrderDetailItem]                      |
| tns:OtherPrice1 [type OrderDetailsResponseV2]                          |
| tns:OtherPrice2 [type CreateReturnOrderDetailItem]                     |
| tns:OtherPrice2 [type OrderDetailsResponseV2]                          |
| tns:OtherPrice3 [type CreateReturnOrderDetailItem]                     |

**Elements**

| <b>Name</b>   |
|---|
| tns:OtherPrice3 [type OrderDetailsResponseV2]                                 |
| tns:OtherPrice4 [type CreateReturnOrderDetailItem]                            |
| tns:OtherPrice4 [type OrderDetailsResponseV2]                                 |
| tns:PackSlipBarcode [type OrderDetailsResponseV2]                             |
| tns:PackSlipProcessID [type OrderDetailsResponseV2]                           |
| tns:PackSlipProcessID [type PackslipProcessOrderDetails]                      |
| tns:PackslipProcessID [type PackslipProcessRequest]                           |
| tns:PackslipProcessID [type PackslipProcessResponse]                          |
| tns:PackslipProcessOrder [type ArrayOfPackslipProcessOrder]                   |
| tns:PackslipProcessOrderDetails [type ArrayOfPackslipProcessOrderDetails]     |
| tns:PackslipProcessPaymentDetails [type ArrayOfPackslipProcessPaymentDetails] |
| tns:PackSlipProductID [type OrderDetailsResponseV2]                           |
| tns:PackslipSortOrder [type PackslipProcessOrderDetails]                      |
| tns:ParentOrderDetailID [type OrderDetailsResponse]                           |
| tns:ParentOrderDetailID [type OrderDetailsResponseV2]                         |
| tns:Party [type PackslipProcessOrder]   |
| tns:PartyCount [type PackslipProcessParty]                                    |
| tns:PartyDate [type PackslipProcessParty]                                     |
| tns:PartyDesc [type PackslipProcessParty]                                     |
| tns:PartyID [type GetOrderResponse]   |
| tns:PartyID [type GetOrderResponse_V2]  |
| tns:PartyID [type OrderDetailsResponse]                                       |
| tns:PartyID [type OrderDetailsResponseV2]                                     |
| tns:PartyID [type PackslipProcessOrder]                                       |
| tns:PartyOrderRecipient [type PackslipProcessOrder]                           |
| tns:PartyOrderRecipientPhone [type PackslipProcessOrder]                      |
| tns:PartyTerm [type PackslipProcessParty]                                     |
| tns>Password [type Credentials]   |
| tns:PaymentDate [type PackslipProcessPaymentDetails]                          |
| tns:PaymentDate [type PaymentResponse]  |
| tns:PaymentDetails [type PaymentResponse]                                     |
| tns:PaymentID [type PackslipProcessPaymentDetails]                            |
| tns:PaymentID [type PaymentResponse]  |
| tns:PaymentResponse [type ArrayOfPaymentResponse]                             |
| tns:PaymentResponse [type GetPaymentResponse]                                 |

| Name   |
|--|
| tns:Payments [type PackslipProcessOrder]                       |
| tns:PaymentStatus [type PaymentResponse]                       |
| tns:PaymentType [type PaymentResponse]                         |
| tns:PeriodEndDate [element GetOrderListRange]                  |
| tns:PeriodLength [element GetOrderListRecent]                  |
| tns:PeriodStartDate [element GetOrderListRange]                |
| tns:PeriodType [element GetOrderListRecent]                    |
| tns:Phone [type PackslipProcessParty]                          |
| tns:PostOnlyIfBalancelZero [element SetStatusPosted]           |
| tns:Price [type OrderDetailsResponse]                          |
| tns:Price [type OrderDetailsResponseV2]                        |
| tns:Price [type PackslipProcessOrderDetails]                   |
| tns:ProductID [type OrderDetailsResponse]                      |
| tns:ProductID [type OrderDetailsResponseV2]                    |
| tns:ProductID [type PackslipProcessOrderDetails]               |
| tns:ProductID [type PackslipProcessParty]                      |
| tns:Quantity [element UpdateOrderDetailTrackingNumberQauntity] |
| tns:Quantity [type CreateReturnOrderDetailItem]                |
| tns:Quantity [type OrderDetailsResponse]                       |
| tns:Quantity [type OrderDetailsResponseV2]                     |
| tns:Quantity [type PackslipProcessOrderDetails]                |
| tns:RankPriceType [type GetOrderResponse]                      |
| tns:RankPriceType [type GetOrderResponse_V2]                   |
| tns:ReasonAreaType [type ReasonCodeType]                       |
| tns:ReasonCodeType [type ArrayOfReasonCodeType]                |
| tns:ReasonCodeType [type ReasonCodeTypes]                      |
| tns:ReasonCodeTypeID [type CreateReturnOrderRequest]           |
| tns:ReasonCodeTypeID [type ReasonCodeType]                     |
| tns:ReasonDescription [type ReasonCodeType]                    |
| tns:ReasonExplanation [type ReasonCodeType]                    |
| tns:RepDID [element CheckOrderedItemForRepDIDWithinDate]       |
| tns:RepDID [type PackslipProcessOrder]                         |
| tns:RepDID [type PackslipProcessParty]                         |
| tns:RepNumber [type GetOrderResponse]                          |
| tns:RepNumber [type GetOrderResponse_V2]                       |
| tns:Request [element GetPackslip]                              |
| tns:RequestID [type GenericResponse]                           |

**Elements**

| Name  |
|---|
| tns:ReturnPrice [type CreateReturnOrderDetailItem]            |
| tns:SetStatusEntered  |
| tns:SetStatusEnteredResponse                                  |
| tns:SetStatusEnteredResult [element SetStatusEnteredResponse] |
| tns:SetStatusPosted   |
| tns:SetStatusPostedResponse                                   |
| tns:SetStatusPostedResult [element SetStatusPostedResponse]   |
| tns:SetStatusShipped  |
| tns:SetStatusShippedResponse                                  |
| tns:SetStatusShippedResult [element SetStatusShippedResponse] |
| tns:SetStatusVoid   |
| tns:SetStatusVoidResponse                                     |
| tns:SetStatusVoidResult [element SetStatusVoidResponse]       |
| tns:ShipCity [element UpdateShippingAddress]                  |
| tns:ShipCity [type GetOrderResponse]                          |
| tns:ShipCity [type GetOrderResponse_V2]                       |
| tns:ShipCity [type PackslipProcessOrder]                      |
| tns:ShipCity [type PackslipProcessParty]                      |
| tns:ShipCountry [element UpdateShippingAddress]               |
| tns:ShipCountry [type GetOrderResponse]                       |
| tns:ShipCountry [type GetOrderResponse_V2]                    |
| tns:ShipCountry [type PackslipProcessOrder]                   |
| tns:ShipCountry [element UpdateShippingAddress]               |
| tns:ShipCountry [type GetOrderResponse]                       |
| tns:ShipCountry [type GetOrderResponse_V2]                    |
| tns:ShipCountry [type PackslipProcessOrder]                   |
| tns:ShipEmail [element UpdateShippingAddress]                 |
| tns:ShipEmail [type GetOrderResponse]                         |
| tns:ShipEmail [type GetOrderResponse_V2]                      |
| tns:ShipGeoCode [type GetOrderResponse]                       |
| tns:ShipGeoCode [type GetOrderResponse_V2]                    |
| tns:ShipMethod [type GetOrderResponse]                        |
| tns:ShipMethod [type GetOrderResponse_V2]                     |
| tns:ShipMethodID [element UpdateShippingMethod]               |
| tns:ShipMethodID [type GetOrderResponse]                      |

| Name  |
|---|
| tns:ShipMethodID [type GetOrderResponse_V2]           |
| tns:ShipMethodID [type PackslipProcessRequest]        |
| tns:ShipName [type PackslipProcessParty]              |
| tns:ShipName1 [element UpdateShippingAddress]         |
| tns:ShipName1 [type GetOrderResponse]                 |
| tns:ShipName1 [type GetOrderResponse_V2]              |
| tns:ShipName1 [type PackslipProcessOrder]             |
| tns:ShipName2 [element UpdateShippingAddress]         |
| tns:ShipName2 [type GetOrderResponse]                 |
| tns:ShipName2 [type GetOrderResponse_V2]              |
| tns:ShipName2 [type PackslipProcessOrder]             |
| tns:ShipPhone [element UpdateShippingAddress]         |
| tns:ShipPhone [type GetOrderResponse]                 |
| tns:ShipPhone [type GetOrderResponse_V2]              |
| tns:ShipPhone [type PackslipProcessOrder]             |
| tns:ShippingExempt [type PackslipProcessOrderDetails] |
| tns:ShippingMethodDesc [type PackslipProcessOrder]    |
| tns:ShippingMethods [type ArrayOfShippingMethods]     |
| tns:ShippingTax [type GetPaymentTotalResponse]        |
| tns:ShippingTax [type PackslipProcessOrder]           |
| tns:ShippingTotal [type CreateReturnOrderRequest]     |
| tns:ShippingTotal [type GetPaymentTotalResponse]      |
| tns:ShippingTotal [type PackslipProcessOrder]         |
| tns:ShipPostalCode [element UpdateShippingAddress]    |
| tns:ShipPostalCode [type GetOrderResponse]            |
| tns:ShipPostalCode [type GetOrderResponse_V2]         |
| tns:ShipPostalCode [type PackslipProcessOrder]        |
| tns:ShipPostalCode [type PackslipProcessParty]        |
| tns:ShipState [element UpdateShippingAddress]         |
| tns:ShipState [type GetOrderResponse]                 |
| tns:ShipState [type GetOrderResponse_V2]              |
| tns:ShipState [type PackslipProcessOrder]             |
| tns:ShipState [type PackslipProcessParty]             |
| tns:ShipStreet1 [element UpdateShippingAddress]       |
| tns:ShipStreet1 [type GetOrderResponse]               |
| tns:ShipStreet1 [type GetOrderResponse_V2]            |
| tns:ShipStreet1 [type PackslipProcessOrder]           |

## Elements

| Name   |
|--|
| tns:ShipStreet1 [type PackslipProcessParty]                          |
| tns:ShipStreet2 [element UpdateShippingAddress]                      |
| tns:ShipStreet2 [type GetOrderResponse]                              |
| tns:ShipStreet2 [type GetOrderResponse_V2]                           |
| tns:ShipStreet2 [type PackslipProcessOrder]                          |
| tns:ShipStreet2 [type PackslipProcessParty]                          |
| tns:StartDate [type PackslipProcessRequest]                          |
| tns:Status [type GetOrderResponse]                                   |
| tns:Status [type GetOrderResponse_V2]                                |
| tns:StatusDesc [type PackslipProcessOrder]                           |
| tns:Subject [element CreateInternalNote]                             |
| tns:SubjectID [type PackslipProcessOrder]                            |
| tns:SubTotal [type GetPaymentTotalResponse]                          |
| tns:Success [type CheckedOrderedItemForCustomerDIDWithinDateResult]  |
| tns:Success [type CheckedOrderedItemForRepDIDWithinDateResult]       |
| tns:Success [type GenericResponse]                                   |
| tns:SupressFinancials [type PackslipProcessOrder]                    |
| tns:Tax [type OrderDetailsResponse]                                  |
| tns:Tax [type OrderDetailsResponseV2]                                |
| tns:Tax [type PackslipProcessOrderDetails]                           |
| tns:TaxableAmount [type CreateReturnOrderDetailItem]                 |
| tns:TaxableAmount [type OrderDetailsResponse]                        |
| tns:TaxableAmount [type OrderDetailsResponseV2]                      |
| tns:TaxID [type PackslipProcessOrder]                                |
| tns:TaxTotal [type GetPaymentTotalResponse]                          |
| tns:Token [type Credentials]   |
| tns:TotalPrice [type GetPaymentTotalResponse]                        |
| tns:TotalPrice [type PackslipProcessOrder]                           |
| tns:TrackingInfo [type GetOrderTrackingResponse]                     |
| tns:TrackingNumber [element UpdateMultipleTrackingNumbers]           |
| tns:TrackingNumber [element UpdateOrderDetailTrackingNumber]         |
| tns:TrackingNumber [element UpdateOrderDetailTrackingNumberQauntity] |
| tns:TrackingNumber [element UpdateTrackingNumber]                    |
| tns:TypeDesc [type PackslipProcessParty]                             |
| tns:TypeDescription [type PackslipProcessPaymentDetails]             |

| Name  |
|---|
| tns:Unresolved [element CreateInternalNote]   |
| tns:UpdateBillingAddress  |
| tns:UpdateBillingAddressResponse  |
| tns:UpdateBillingAddressResult [element UpdateBillingAddressResponse]                                       |
| tns:UpdateExisting [element UpdateMultipleTrackingNumbers]  |
| tns:UpdateExisting [element UpdateOrderDetailTrackingNumber]  |
| tns:UpdateExisting [element UpdateTrackingNumber]   |
| tns:UpdateInvoiceNote   |
| tns:UpdateInvoiceNoteResponse   |
| tns:UpdateInvoiceNoteResult [element UpdateInvoiceNoteResponse]   |
| tns:UpdateMultipleTrackingNumbers   |
| tns:UpdateMultipleTrackingNumbersResponse   |
| tns:UpdateMultipleTrackingNumbersResult [element UpdateMultipleTrackingNumbersResponse]                     |
| tns:UpdateOrderDetailTrackingNumber   |
| tns:UpdateOrderDetailTrackingNumberQauntity   |
| tns:UpdateOrderDetailTrackingNumberQauntityResponse   |
| tns:UpdateOrderDetailTrackingNumberQauntityResult [element UpdateOrderDetailTrackingNumberQauntityResponse] |
| tns:UpdateOrderDetailTrackingNumberResponse   |
| tns:UpdateOrderDetailTrackingNumberResult [element UpdateOrderDetailTrackingNumberResponse]                 |
| tns:UpdateRequestType [type InvoiceNoteUpdateRequest]   |
| tns:UpdateShippingAddress   |
| tns:UpdateShippingAddressResponse   |
| tns:UpdateShippingAddressResult [element UpdateShippingAddressResponse]                                     |
| tns:UpdateShippingMethod  |
| tns:UpdateShippingMethodResponse  |
| tns:UpdateShippingMethodResult [element UpdateShippingMethodResponse]                                       |
| tns:UpdateTrackingNumber  |
| tns:UpdateTrackingNumberResponse  |
| tns:UpdateTrackingNumberResult [element UpdateTrackingNumberResponse]                                       |
| tns:URL [type CheckedOrderedItemForCustomerDIDWithinDateResult]   |
| tns:URL [type CheckedOrderedItemForCustomerDIDWithinDateResult_V2]  |
| tns:URL [type CheckedOrderedItemForRepDIDWithinDateResult]  |
| tns:URL [type OrderTrackingInfo]  |
| tns:UseHandlingFee [type PackslipProcessOrder]  |
| tns:Username [type Credentials]   |
| tns:Version   |



**Elements**

| <b>Name</b>  |
|--|
| tns:VersionResponse  |
| tns:VersionResult [element VersionResponse]                              |
| tns:Volume [type CreateReturnOrderDetailItem]                            |
| tns:Volume [type OrderDetailsResponse]                                   |
| tns:Volume [type OrderDetailsResponseV2]                                 |
| tns:Volume [type PackslipProcessOrderDetails]                            |
| tns:Volume2 [type CreateReturnOrderDetailItem]                           |
| tns:Volume2 [type OrderDetailsResponseV2]                                |
| tns:Volume3 [type CreateReturnOrderDetailItem]                           |
| tns:Volume3 [type OrderDetailsResponseV2]                                |
| tns:Volume4 [type CreateReturnOrderDetailItem]                           |
| tns:Volume4 [type OrderDetailsResponseV2]                                |
| tns:WarehouseCompanyTaxID [type OrderDetailsResponseV2]                  |
| tns:WarehouseEmail [type OrderDetailsResponseV2]                         |
| tns:WarehouseID [element UpdateMultipleTrackingNumbers]                  |
| tns:WarehouseID [element UpdateTrackingNumber]                           |
| tns:WarehouseID [type PackslipProcessRequest]                            |
| tns:WarehouseIntlCompanyName [type OrderDetailsResponseV2]               |
| tns:WarehouseName [type OrderDetailsResponseV2]                          |
| tns:WarehousePackSlipLine1 [type OrderDetailsResponseV2]                 |
| tns:WarehousePackSlipLine2 [type OrderDetailsResponseV2]                 |
| tns:WarehousePackSlipLine3 [type OrderDetailsResponseV2]                 |
| tns:WarehousePackSlipLine4 [type OrderDetailsResponseV2]                 |
| tns:WarehousePackSlipLine5 [type OrderDetailsResponseV2]                 |
| tns:WarehousePackSlipLine6 [type OrderDetailsResponseV2]                 |
| tns:WarehousePackSlipTaxPercentage [type OrderDetailsResponseV2]         |
| tns:WarehousePackSlipTaxTitle [type OrderDetailsResponseV2]              |
| tns:WarehousePickupLocation [type OrderDetailsResponseV2]                |
| tns:WithinLastDate [element CheckOrderedItemForCustomerDIDWithinDate]    |
| tns:WithinLastDate [element CheckOrderedItemForCustomerDIDWithinDate_V2] |
| tns:WithinLastDate [element CheckOrderedItemForRepDIDWithinDate]         |

**Element: tns:AlternateShipMethodID [type GetOrderResponse]**

**Element: tns:AlternateShipMethodID [type GetOrderResponse\_V2]**

**Element: tns:Amount [type PackslipProcessPaymentDetails]**

**Element: tns:Amount [type PaymentResponse]**

**Element: tns:BalanceDue [type GetPaymentTotalResponse]**

**Element: tns:BillCity [element UpdateBillingAddress]**

**Element: tns:BillCity [type GetOrderResponse]**



**Element: tns:BillCity [type GetOrderResponse\_V2]**

**Element: tns:BillCity [type PackslipProcessOrder]**

**Element: tns:BillCountry [element UpdateBillingAddress]**

## **Element: tns:BillCountry [type GetOrderResponse]**

**Element: tns:BillCountry [type GetOrderResponse\_V2]**

**Element: tns:BillCountry [type PackslipProcessOrder]**

**Element: tns:BillCounty [element UpdateBillingAddress]**

**Element: tns:BillCounty [type GetOrderResponse]**



**Element: tns:BillCounty [type GetOrderResponse\_V2]**

**Element: tns:BillCounty [type PackslipProcessOrder]**

**Element: tns:BillEmail [element UpdateBillingAddress]**

**Element: tns:BillEmail [type GetOrderResponse]**

**Element: tns:BillEmail [type GetOrderResponse\_V2]**

**Element: tns:BillName1 [element UpdateBillingAddress]**

**Element: tns:BillName1 [type GetOrderResponse]**

**Element: tns:BillName1 [type GetOrderResponse\_V2]**



**Element: tns:BillName1 [type PackslipProcessOrder]**

**Element: tns:BillName2 [element UpdateBillingAddress]**

**Element: tns:BillName2 [type GetOrderResponse]**

**Element: tns:BillName2 [type GetOrderResponse\_V2]**

**Element: tns:BillName2 [type PackslipProcessOrder]**

**Element: tns:BillPhone [element UpdateBillingAddress]**

**Element: tns:BillPhone [type GetOrderResponse]**

**Element: tns:BillPhone [type GetOrderResponse\_V2]**



**Element: tns:BillPhone [type PackslipProcessOrder]**

**Element: tns:BillPostalCode [element UpdateBillingAddress]**

**Element: tns:BillPostalCode [type GetOrderResponse]**

**Element: tns:BillPostalCode [type GetOrderResponse\_V2]**

**Element: tns:BillPostalCode [type PackslipProcessOrder]**

**Element: tns:BillState [element UpdateBillingAddress]**

**Element: tns:BillState [type GetOrderResponse]**

**Element: tns:BillState [type GetOrderResponse\_V2]**



**Element: tns:BillState [type PackslipProcessOrder]**

**Element: tns:BillStreet1 [element UpdateBillingAddress]**

**Element: tns:BillStreet1 [type GetOrderResponse]**

**Element: tns:BillStreet1 [type GetOrderResponse\_V2]**

**Element: tns:BillStreet1 [type PackslipProcessOrder]**

**Element: tns:BillStreet2 [element UpdateBillingAddress]**

**Element: tns:BillStreet2 [type GetOrderResponse]**

**Element: tns:BillStreet2 [type GetOrderResponse\_V2]**



**Element: tns:BillStreet2 [type PackslipProcessOrder]**

**Element: tns:BonusDate [type PackslipProcessOrder]**

**Element: tns:CategoryID [element CreateInternalNote]**

**Element: tns:CategoryID [type NoteCategoryTypes]**

**Element: tns:CategoryID [type PackslipProcessPaymentDetails]**

# Element: tns:CheckOrderedItemForCustomerDIDWithinDate

## Content Model

Contains elements as defined in the following table.

| Component          | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:CustomerDID    | s:string        |
| tns:InventoryID    | s:int           |
| tns:WithinLastDate | s:dateTime      |

# Element: tns:CheckOrderedItemForCustomerDIDWithinDate\_V2

## Content Model

Contains elements as defined in the following table.

| Component          | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:CustomerDID    | s:string        |
| tns:ItemID         | s:string        |
| tns:WithinLastDate | s:dateTime      |

## Element: tns:CheckOrderedItemForCustomerDIDWithinDate\_V2Response

### Content Model

Contains elements as defined in the following table.

| Component   | Type  |
|---|---|
| SEQUENCE  |   |
| tns:CheckOrderedItemForCustomerDIDWithinDate_V2Result | tns:CheckedOrderedItemForCustomerDIDWithinDateResult_V2 |



**Element: tns:CheckOrderedItemForCustomerDIDWithinDate\_V2Result**  
**[element CheckOrderedItemForCustomerDIDWithinDate\_V2Response]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |
| tns:OrderID   | s:int    |
| tns:URL       | s:string |

**Element: tns:CheckOrderedItemForCustomerDIDWithinDateResponse**


**Content Model**

Contains elements as defined in the following table.

| Component  | Type   |
|--|--|
| SEQUENCE   |  |
| tns:CheckOrderedItemForCustomerDIDWithinDateResult | tns:CheckedOrderedItemForCustomerDIDWithinDateResult |

**Element: tns:CheckOrderedItemForCustomerDIDWithinDateResult [element CheckOrderedItemForCustomerDIDWithinDateResponse]****Content Model**

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Success  | s:int    |
| tns:OrderID  | s:int    |
| tns:URL  | s:string |

# Element: tns:CheckOrderedItemForRepDIDWithinDate

## Content Model

Contains elements as defined in the following table.

| Component          | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:RepDID         | s:string        |
| tns:InventoryID    | s:int           |
| tns:WithinLastDate | s:dateTime      |

**Element: tns:CheckOrderedItemForRepDIDWithinDateResponse**


**Content Model**

Contains elements as defined in the following table.

| Component                                     | Type  |
|---|---|
| SEQUENCE                                      |   |
| tns:CheckOrderedItemForRepDIDWithinDateResult | tns:CheckedOrderedItemForRepDIDWithinDateResult |

**Element: tns:CheckOrderedItemForRepDIDWithinDateResult [element CheckOrderedItemForRepDIDWithinDateResponse]****Content Model**

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Success  | s:int    |
| tns:OrderID  | s:int    |
| tns:URL  | s:string |

**Element: tns:CorrespondanceTypeID [element CreateInternalNote]**

**Element: tns:CorrespondanceTypeID [type CorrespondanceTypes]**



**Element: tns:CorrespondanceTypes [type ArrayOfCorrespondanceTypes]****Content Model**

Contains elements as defined in the following table.

| Component                | Type     |
|--------------------------|----------|
| SEQUENCE                 |          |
| tns:CorrespondanceTypeID | s:int    |
| tns:Description          | s:string |

**Element: tns:CreatedBy [type PackslipProcessRequest]**

**Element: tns:CreateDate [type OrderList]**

# Element: tns:CreateInternalNote

## Content Model

Contains elements as defined in the following table.

| Component                | Type            |
|--------------------------|-----------------|
| SEQUENCE                 |                 |
| tns:Credentials          | tns:Credentials |
| tns:OrderID              | s:int           |
| tns:CategoryID           | s:int           |
| tns:CorrespondanceTypeID | s:int           |
| tns:Message1             | s:string        |
| tns:Subject              | s:string        |
| tns:Unresolved           | s:int           |
| tns:Critical             | s:int           |

# Element: tns:CreateInternalNoteResponse

## Content Model


Contains elements as defined in the following table.

| Component                    | Type                |
|------------------------------|---------------------|
| SEQUENCE                     |                     |
| tns:CreateInternalNoteResult | tns:GenericResponse |

## Element: tns:CreateInternalNoteResult [element CreateInternalNoteResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |

# Element: tns:CreateReturnOrder

## Content Model


Contains elements as defined in the following table.

| Component                    | Type                         |
|------------------------------|------------------------------|
| SEQUENCE                     |                              |
| tns:Credentials              | tns:Credentials              |
| tns:CreateReturnOrderRequest | tns:CreateReturnOrderRequest |

## Element: tns:CreateReturnOrderDetailItem [type ArrayOfCreateReturnOrderDetailItem]

### Content Model

Contains elements as defined in the following table.

| Component  | Type      |
|--|-----------|
|  SEQUENCE |           |
| tns:OrderDetailID  | s:int     |
| tns:Quantity   | s:int     |
| tns:ReturnPrice  | s:decimal |
| tns:TaxableAmount  | s:decimal |
| tns:Volume   | s:decimal |
| tns:Volume2  | s:decimal |
| tns:Volume3  | s:decimal |
| tns:Volume4  | s:decimal |
| tns:OtherPrice   | s:decimal |
| tns:OtherPrice2  | s:decimal |
| tns:OtherPrice3  | s:decimal |
| tns:OtherPrice4  | s:decimal |



**Element: tns:CreateReturnOrderRequest [element CreateReturnOrder]**

**Content Model**

Contains elements as defined in the following table.

| Component            | Type                                   |
|----------------------|--|
| SEQUENCE             |  |
| tns:OrderID          | s:int                                  |
| tns:OrderDate        | s:dateTime                             |
| tns:ReasonCodeTypeID | s:int                                  |
| tns:ShippingTotal    | s:decimal                              |
| tns:HandlingFee      | s:decimal                              |
| tns:OrderDetailItems | tns:ArrayOfCreateReturnOrderDetailItem |
| tns:Explanation      | s:string                               |

## Element: tns:CreateReturnOrderResponse

### Content Model

Contains elements as defined in the following table.

| Component                   | Type                      |
|-----------------------------|---------------------------|
| SEQUENCE                    |                           |
| tns:CreateReturnOrderResult | tns:GenericResponseWithID |

## Element: tns:CreateReturnOrderResult [element CreateReturnOrderResponse]

### Content Model

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |
| tns:NewID     | s:int    |

**Element: tns:Credentials [element  
CheckOrderedItemForCustomerDIDWithinDate]**

**Content Model**


Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:Credentials [element  
CheckOrderedItemForCustomerDIDWithinDate\_V2]**

**Content Model**

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Username   | s:string |
| tns:Password   | s:string |
| tns:Token  | s:string |

**Element: tns:Credentials [element  
CheckOrderedItemForRepDIDWithinDate]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element CreateInternalNote]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:Credentials [element CreateReturnOrder]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |



## Element: tns:Credentials [element GetCorrespondanceTypes]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element GetCustomerNoteCategoryTypes]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:Credentials [element GetNoteCategoryTypes]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element GetOrderDetailsInfo]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:Credentials [element GetOrderDetailsInfo\_V2]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element GetOrderInfo]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:Credentials [element GetOrderInfo\_V2]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:Credentials [element GetOrderListRange]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |



**Element: tns:Credentials [element GetOrderListRecent]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element GetOrderTracking]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:Credentials [element GetPackslip]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element GetPayments]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element GetReasonCodeTypes]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element GetShippingMethods]

### Content Model


Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element GetTotals]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Username   | s:string |
| tns>Password   | s:string |
| tns:Token  | s:string |

## Element: tns:Credentials [element SetStatusEntered]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |



**Element: tns:Credentials [element SetStatusPosted]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element SetStatusShipped]

### Content Model


Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element SetStatusVoid]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Username   | s:string |
| tns:Password   | s:string |
| tns:Token  | s:string |

**Element: tns:Credentials [element UpdateBillingAddress]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element UpdateInvoiceNote]

### Content Model


Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element UpdateMultipleTrackingNumbers]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Username   | s:string |
| tns:Password   | s:string |
| tns:Token  | s:string |

**Element: tns:Credentials [element UpdateOrderDetailTrackingNumber]**

**Content Model**


Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element UpdateOrderDetailTrackingNumberQauntity]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Username   | s:string |
| tns:Password   | s:string |
| tns:Token  | s:string |



## Element: tns:Credentials [element UpdateShippingAddress]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element UpdateShippingMethod]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:Credentials [element UpdateTrackingNumber]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:Critical [element CreateInternalNote]**

**Element: tns:CurrencyTypeID [type GetOrderResponse\_V2]**

**Element: tns:CustomerDID [element  
CheckOrderedItemForCustomerDIDWithinDate]**

**Element: tns:CustomerDID [element  
CheckOrderedItemForCustomerDIDWithinDate\_V2]**

**Element: tns:CustomerDID [type PackslipProcessOrder]**



**Element: tns:CustomerDID [type PackslipProcessParty]**

**Element: tns:CustomerNumber [type GetOrderResponse]**

**Element: tns:CustomerNumber [type GetOrderResponse\_V2]**

## **Element: tns:Description [type CorrespondanceTypes]**

**Element: tns:Description [type NoteCategoryTypes]**

**Element: tns:Description [type OrderDetailsResponse]**

**Element: tns:Description [type OrderDetailsResponseV2]**

**Element: tns:Description [type PackslipProcessOrder]**



**Element: tns:Description [type PackslipProcessOrderDetails]**

**Element: tns:Description [type PackslipProcessParty]**

**Element: tns:Description [type ShippingMethods]**

**Element: tns:Detail1 [type PaymentDetails]**

**Element: tns:Detail10 [type PaymentDetails]**

**Element: tns:Detail11 [type PaymentDetails]**

**Element: tns:Detail12 [type PaymentDetails]**

**Element: tns:Detail13 [type PaymentDetails]**



**Element: tns:Detail14 [type PaymentDetails]**

**Element: tns:Detail15 [type PaymentDetails]**

**Element: tns:Detail16 [type PaymentDetails]**

**Element: tns:Detail17 [type PaymentDetails]**

**Element: tns:Detail18 [type PaymentDetails]**

**Element: tns:Detail19 [type PaymentDetails]**

**Element: tns:Detail2 [type PaymentDetails]**

**Element: tns:Detail3 [type PaymentDetails]**



**Element: tns:Detail4 [type PaymentDetails]**

**Element: tns:Detail5 [type PaymentDetails]**

**Element: tns:Detail6 [type PaymentDetails]**

**Element: tns:Detail7 [type PaymentDetails]**

**Element: tns:Detail8 [type PaymentDetails]**

**Element: tns:Detail9 [type PaymentDetails]**

## **Element: tns:Directions [type PackslipProcessParty]**

**Element: tns:Email [type PackslipProcessOrder]**



**Element: tns:EndDate [type PackslipProcessRequest]**

**Element: tns:EvalDateLastModified [element GetOrderListRange]**

**Element: tns:EvalDateLastModified [element GetOrderListRecent]**

**Element: tns:Explanation [type CreateReturnOrderRequest]**

**Element: tns:FilePath [type PackslipProcessResponse]**

## Element: tns:GetCorrespondanceTypes

### Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

# Element: tns:GetCorrespondanceTypesResponse

## Content Model


Contains elements as defined in the following table.

| Component                        | Type                           |
|----------------------------------|--------------------------------|
| SEQUENCE                         |                                |
| tns:GetCorrespondanceTypesResult | tns:ArrayOfCorrespondanceTypes |

## Element: tns:GetCorrespondanceTypesResult [element GetCorrespondanceTypesResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type                    |
|--|-------------------------|
|  SEQUENCE |                         |
| tns:CorrespondanceTypes  | tns:CorrespondanceTypes |



**Element: tns:GetCustomerNoteCategoryTypes**

**Content Model**

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

**Element: tns:GetCustomerNoteCategoryTypesResponse**

**Content Model**

Contains elements as defined in the following table.

| Component                              | Type                         |
|--|------------------------------|
| SEQUENCE                               |                              |
| tns:GetCustomerNoteCategoryTypesResult | tns:ArrayOfNoteCategoryTypes |

**Element: tns:GetCustomerNoteCategoryTypesResult [element GetCustomerNoteCategoryTypesResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component             | Type                  |
|-----------------------|-----------------------|
| SEQUENCE              |                       |
| tns:NoteCategoryTypes | tns:NoteCategoryTypes |

# Element: tns:GetNoteCategoryTypes

## Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

## Element: tns:GetNoteCategoryTypesResponse

### Content Model

Contains elements as defined in the following table.

| Component                      | Type                         |
|--------------------------------|------------------------------|
| SEQUENCE                       |                              |
| tns:GetNoteCategoryTypesResult | tns:ArrayOfNoteCategoryTypes |

**Element: tns:GetNoteCategoryTypesResult [element GetNoteCategoryTypesResponse]**

**Content Model**


Contains elements as defined in the following table.

| Component             | Type                  |
|-----------------------|-----------------------|
| SEQUENCE              |                       |
| tns:NoteCategoryTypes | tns:NoteCategoryTypes |

## Element: tns:GetOrderDetailsInfo

### Content Model

Contains elements as defined in the following table.

| Component  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OrderID  | s:int           |

# Element: tns:GetOrderDetailsInfo\_V2

## Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:OrderID     | s:int           |



## Element: tns:GetOrderDetailsInfo\_V2Response

### Content Model

Contains elements as defined in the following table.

| Component                        | Type                          |
|----------------------------------|-------------------------------|
| SEQUENCE                         |                               |
| tns:GetOrderDetailsInfo_V2Result | tns:GetOrderDetailsResponseV2 |

**Element: tns:GetOrderDetailsInfo\_V2Result [element  
GetOrderDetailsInfo\_V2Response]**

**Content Model**

Contains elements as defined in the following table.

| Component                | Type                              |
|--------------------------|-----------------------------------|
| SEQUENCE                 |                                   |
| tns:RequestID            | s:int                             |
| tns:Success              | s:int                             |
| tns:Message              | s:string                          |
| tns:OrderDetailsResponse | tns:ArrayOfOrderDetailsResponseV2 |

## Element: tns:GetOrderDetailsInfoResponse

### Content Model

Contains elements as defined in the following table.

| Component                     | Type                        |
|-------------------------------|-----------------------------|
| SEQUENCE                      |                             |
| tns:GetOrderDetailsInfoResult | tns:GetOrderDetailsResponse |

**Element: tns:GetOrderDetailsInfoResult [element  
GetOrderDetailsInfoResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component                | Type                            |
|--------------------------|---------------------------------|
| SEQUENCE                 |                                 |
| tns:RequestID            | s:int                           |
| tns:Success              | s:int                           |
| tns:Message              | s:string                        |
| tns:OrderDetailsResponse | tns:ArrayOfOrderDetailsResponse |

**Element: tns:GetOrderInfo**

**Content Model**

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:OrderID     | s:int           |

## Element: tns:GetOrderInfo\_V2

### Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:OrderID     | s:int           |

## Element: tns:GetOrderInfo\_V2Response

### Content Model

Contains elements as defined in the following table.

| Component                 | Type                    |
|---------------------------|-------------------------|
| SEQUENCE                  |                         |
| tns:GetOrderInfo_V2Result | tns:GetOrderResponse_V2 |

**Element: tns:GetOrderInfo\_V2Result [element GetOrderInfo\_V2Response]****Content Model**

Contains elements as defined in the following table.

| Component          | Type     |
|--------------------|----------|
| SEQUENCE           |          |
| tns:RequestID      | s:int    |
| tns:Success        | s:int    |
| tns:Message        | s:string |
| tns:OrderID        | s:int    |
| tns:RepNumber      | s:string |
| tns:CustomerNumber | s:string |
| tns:Status         | s:string |
| tns:OrderDate      | s:string |
| tns:BillName1      | s:string |
| tns:BillName2      | s:string |
| tns:BillStreet1    | s:string |
| tns:BillStreet2    | s:string |
| tns:BillCity       | s:string |
| tns:BillState      | s:string |
| tns:BillPostalCode | s:string |
| tns:BillCounty     | s:string |
| tns:BillCountry    | s:string |
| tns:BillEmail      | s:string |
| tns:BillPhone      | s:string |
| tns:ShipName1      | s:string |
| tns:ShipName2      | s:string |
| tns:ShipStreet1    | s:string |
| tns:ShipStreet2    | s:string |
| tns:ShipCity       | s:string |
| tns:ShipState      | s:string |
| tns:ShipPostalCode | s:string |
| tns:ShipGeoCode    | s:string |
| tns:ShipCounty     | s:string |
| tns:ShipCountry    | s:string |
| tns:ShipEmail      | s:string |
| tns:ShipPhone      | s:string |
| tns:InvoiceNotes   | s:string |



| Component                 | Type     |
|---------------------------|----------|
| tns:ShipMethodID          | s:int    |
| tns:ShipMethod            | s:string |
| tns:Market                | s:string |
| tns:RankPriceType         | s:string |
| tns:PartyID               | s:int    |
| tns:CurrencyTypeID        | s:int    |
| tns:GiftOrder             | s:string |
| tns:AlternateShipMethodID | s:string |

**Element: tns:GetOrderInfoResponse**

**Content Model**

Contains elements as defined in the following table.

| Component              | Type                 |
|------------------------|----------------------|
| SEQUENCE               |                      |
| tns:GetOrderInfoResult | tns:GetOrderResponse |

## Element: tns:GetOrderInfoResult [element GetOrderInfoResponse]

### Content Model

Contains elements as defined in the following table.

| Component          | Type     |
|--------------------|----------|
| SEQUENCE           |          |
| tns:RequestID      | s:int    |
| tns:Success        | s:int    |
| tns:Message        | s:string |
| tns:OrderID        | s:int    |
| tns:RepNumber      | s:string |
| tns:CustomerNumber | s:string |
| tns:Status         | s:string |
| tns:OrderDate      | s:string |
| tns:BillName1      | s:string |
| tns:BillName2      | s:string |
| tns:BillStreet1    | s:string |
| tns:BillStreet2    | s:string |
| tns:BillCity       | s:string |
| tns:BillState      | s:string |
| tns:BillPostalCode | s:string |
| tns:BillCounty     | s:string |
| tns:BillCountry    | s:string |
| tns:BillEmail      | s:string |
| tns:BillPhone      | s:string |
| tns:ShipName1      | s:string |
| tns:ShipName2      | s:string |
| tns:ShipStreet1    | s:string |
| tns:ShipStreet2    | s:string |
| tns:ShipCity       | s:string |
| tns:ShipState      | s:string |
| tns:ShipPostalCode | s:string |
| tns:ShipGeoCode    | s:string |
| tns:ShipCounty     | s:string |
| tns:ShipCountry    | s:string |
| tns:ShipEmail      | s:string |
| tns:ShipPhone      | s:string |
| tns:InvoiceNotes   | s:string |

| Component                 | Type     |
|---------------------------|----------|
| tns:ShipMethodID          | s:int    |
| tns:ShipMethod            | s:string |
| tns:Market                | s:string |
| tns:RankPriceType         | s:string |
| tns:PartyID               | s:int    |
| tns:GiftOrder             | s:string |
| tns:AlternateShipMethodID | s:string |

# Element: tns:GetOrderListRange

## Content Model

Contains elements as defined in the following table.

| Component                | Type            |
|--------------------------|-----------------|
| SEQUENCE                 |                 |
| tns:Credentials          | tns:Credentials |
| tns:PeriodStartDate      | s:dateTime      |
| tns:PeriodEndDate        | s:dateTime      |
| tns:EvalDateLastModified | s:boolean       |

**Element: tns:GetOrderListRangeResponse**

**Content Model**


Contains elements as defined in the following table.

| Component                   | Type                 |
|-----------------------------|----------------------|
| SEQUENCE                    |                      |
| tns:GetOrderListRangeResult | tns:ArrayOfOrderList |

## Element: tns:GetOrderListRangeResult [element GetOrderListRangeResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type          |
|--|---------------|
|  SEQUENCE |               |
| tns:OrderList  | tns:OrderList |

# Element: tns:GetOrderListRecent

## Content Model

Contains elements as defined in the following table.

| Component                | Type            |
|--------------------------|-----------------|
| SEQUENCE                 |                 |
| tns:Credentials          | tns:Credentials |
| tns:PeriodType           | s:string        |
| tns:PeriodLength         | s:int           |
| tns:EvalDateLastModified | s:boolean       |



**Element: tns:GetOrderListRecentResponse**

**Content Model**


Contains elements as defined in the following table.

| Component                    | Type                 |
|------------------------------|----------------------|
| SEQUENCE                     |                      |
| tns:GetOrderListRecentResult | tns:ArrayOfOrderList |

**Element: tns:GetOrderListRecentResult [element  
GetOrderListRecentResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component  | Type          |
|--|---------------|
|  SEQUENCE |               |
| tns:OrderList  | tns:OrderList |

# Element: tns:GetOrderTracking

## Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:OrderID     | s:int           |

# Element: tns:GetOrderTrackingResponse

## Content Model

Contains elements as defined in the following table.

| Component                  | Type                         |
|----------------------------|------------------------------|
| SEQUENCE                   |                              |
| tns:GetOrderTrackingResult | tns:GetOrderTrackingResponse |

**Element: tns:GetOrderTrackingResult [element  
GetOrderTrackingResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component        | Type                         |
|------------------|------------------------------|
| SEQUENCE         |                              |
| tns:RequestID    | s:int                        |
| tns:Success      | s:int                        |
| tns:Message      | s:string                     |
| tns:TrackingInfo | tns:ArrayOfOrderTrackingInfo |

# Element: tns:GetPackslip

## Content Model

Contains elements as defined in the following table.

| Component       | Type                       |
|-----------------|----------------------------|
| SEQUENCE        |                            |
| tns:Credentials | tns:Credentials            |
| tns:Request     | tns:PackslipProcessRequest |

## Element: tns:GetPackslipResponse

### Content Model

Contains elements as defined in the following table.

| Component             | Type                        |
|-----------------------|-----------------------------|
| SEQUENCE              |                             |
| tns:GetPackslipResult | tns:PackslipProcessResponse |

**Element: tns:GetPackslipResult [element GetPackslipResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component             | Type                            |
|-----------------------|---------------------------------|
| SEQUENCE              |                                 |
| tns:RequestID         | s:int                           |
| tns:Success           | s:int                           |
| tns:Message           | s:string                        |
| tns:FilePath          | s:string                        |
| tns:PackslipProcessID | s:int                           |
| tns:Orders            | tns:ArrayOfPackslipProcessOrder |



# Element: tns:GetPayments

## Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:OrderID     | s:int           |

## Element: tns:GetPaymentsResponse

### Content Model

Contains elements as defined in the following table.

| Component             | Type                   |
|-----------------------|------------------------|
| SEQUENCE              |                        |
| tns:GetPaymentsResult | tns:GetPaymentResponse |

**Element: tns:GetPaymentsResult [element GetPaymentsResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component           | Type                       |
|---------------------|----------------------------|
| SEQUENCE            |                            |
| tns:RequestID       | s:int                      |
| tns:Success         | s:int                      |
| tns:Message         | s:string                   |
| tns:PaymentResponse | tns:ArrayOfPaymentResponse |

# Element: tns:GetReasonCodeTypes

## Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

**Element: tns:GetReasonCodeTypesResponse**

**Content Model**

Contains elements as defined in the following table.

| Component                    | Type                |
|------------------------------|---------------------|
| SEQUENCE                     |                     |
| tns:GetReasonCodeTypesResult | tns:ReasonCodeTypes |

**Element: tns:GetReasonCodeTypesResult [element GetReasonCodeTypesResponse]**

**Content Model**


Contains elements as defined in the following table.

| Component          | Type                      |
|--------------------|---------------------------|
| SEQUENCE           |                           |
| tns:RequestID      | s:int                     |
| tns:Success        | s:int                     |
| tns:Message        | s:string                  |
| tns:ReasonCodeType | tns:ArrayOfReasonCodeType |

## Element: tns:GetShippingMethods

### Content Model

Contains elements as defined in the following table.

| Component  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |

## Element: tns:GetShippingMethodsResponse

### Content Model

Contains elements as defined in the following table.


| Component                    | Type                       |
|------------------------------|----------------------------|
| SEQUENCE                     |                            |
| tns:GetShippingMethodsResult | tns:ArrayOfShippingMethods |



**Element: tns:GetShippingMethodsResult [element GetShippingMethodsResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:ShippingMethods  | tns:ShippingMethods |

# Element: tns:GetTotals

## Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:OrderID     | s:int           |

## Element: tns:GetTotalsResponse

### Content Model

Contains elements as defined in the following table.

| Component           | Type                        |
|---------------------|-----------------------------|
| SEQUENCE            |                             |
| tns:GetTotalsResult | tns:GetPaymentTotalResponse |

## Element: tns:GetTotalsResult [element GetTotalsResponse]

### Content Model

Contains elements as defined in the following table.

| Component         | Type     |
|-------------------|----------|
| SEQUENCE          |          |
| tns:RequestID     | s:int    |
| tns:Success       | s:int    |
| tns:Message       | s:string |
| tns:OrderID       | s:int    |
| tns:SubTotal      | s:string |
| tns:TaxTotal      | s:string |
| tns:ShippingTotal | s:string |
| tns:TotalPrice    | s:string |
| tns:BalanceDue    | s:string |
| tns:HandlingFee   | s:string |
| tns:HandlingTax   | s:string |
| tns:ShippingTax   | s:string |

**Element: tns:GiftMessageCount [type PackslipProcessOrder]**

**Element: tns:GiftOrder [type GetOrderResponse]**

**Element: tns:GiftOrder [type GetOrderResponse\_V2]**

**Element: tns:Groupltem [type PackslipProcessOrderDetails]**



**Element: tns:GroupOwner [type OrderDetailsResponse]**

**Element: tns:GroupOwner [type OrderDetailsResponseV2]**

**Element: tns:GroupOwnerDetailID [type PackslipProcessOrderDetails]**

**Element: tns:HandlingFee [type CreateReturnOrderRequest]**

**Element: tns:HandlingFee [type GetPaymentTotalResponse]**

**Element: tns:HandlingFee [type PackslipProcessOrder]**

**Element: tns:HandlingTax [type GetPaymentTotalResponse]**

**Element: tns:HandlingTax [type PackslipProcessOrder]**



**Element: tns:HostessTerm [type PackslipProcessParty]**

**Element: tns:ID [type PackerProcessParty]**

**Element: tns:ID [type ShippingMethods]**

**Element: tns:InventoryID [element  
CheckOrderedItemForCustomerDIDWithinDate]**

**Element: tns:InventoryID [element  
CheckOrderedItemForRepDIDWithinDate]**

**Element: tns:InventoryID [type PackslipProcessOrderDetails]**

**Element: tns:InvoiceNotes [element SetStatusVoid]**

**Element: tns:InvoiceNotes [element UpdateInvoiceNote]**



**Element: tns:InvoiceNotes [type GetOrderResponse]**

**Element: tns:InvoiceNotes [type GetOrderResponse\_V2]**

**Element: tns:InvoiceNotes [type PackslipProcessOrder]**

**Element: tns:InvoiceNoteUpdateRequest [element UpdateInvoiceNote]**

**Content Model**

Contains elements as defined in the following table.

| Component             | Type             |
|-----------------------|------------------|
| SEQUENCE              |                  |
| tns:UpdateRequestType | tns:InvoiceNotes |

**Element: tns:ItemID [element  
CheckOrderedItemForCustomerDIDWithinDate\_V2]**

**Element: tns:ItemQty [type PackslipProcessParty]**

**Element: tns:LastModifiedDate [type OrderList]**

## **Element: tns:Market [type GetOrderResponse]**



**Element: tns:Market [type GetOrderResponse\_V2]**

**Element: tns:MarketShow [type PackslipProcessOrder]**

## **Element: tns:Message [type GenericResponse]**

## **Element: tns:Message1 [element CreateInternalNote]**

**Element: tns:NewID [type GenericResponseWithID]**

**Element: tns:NoteCategoryTypes [type ArrayOfNoteCategoryTypes]****Content Model**

Contains elements as defined in the following table.

| Component       | Type     |
|-----------------|----------|
| SEQUENCE        |          |
| tns:CategoryID  | s:int    |
| tns:Description | s:string |

**Element: tns:Number [type OrderTrackingInfo]**

**Element: tns:OrderDate [type CreateReturnOrderRequest]**



**Element: tns:OrderDate [type GetOrderResponse]**

**Element: tns:OrderDate [type GetOrderResponse\_V2]**

**Element: tns:OrderDate [type PackslipProcessOrder]**

**Element: tns:OrderDetailID [element UpdateOrderDetailTrackingNumber]**

**Element: tns:OrderDetailID [element  
UpdateOrderDetailTrackingNumberQauntity]**

**Element: tns:OrderDetailID [type CreateReturnOrderDetailItem]**

**Element: tns:OrderDetailID [type OrderDetailsResponse]**

**Element: tns:OrderDetailID [type OrderDetailsResponseV2]**



**Element: tns:OrderDetailID [type PackslipProcessOrderDetails]**

**Element: tns:OrderDetailItems [type CreateReturnOrderRequest]**

**Content Model**

Contains elements as defined in the following table.

| Component                       | Type                            |
|---------------------------------|---------------------------------|
| SEQUENCE                        |                                 |
| tns:CreateReturnOrderDetailItem | tns:CreateReturnOrderDetailItem |

**Element: tns:OrderDetails [type PackslipProcessOrder]**

**Content Model**

Contains elements as defined in the following table.

| Component                       | Type                            |
|---------------------------------|---------------------------------|
| SEQUENCE                        |                                 |
| tns:PackslipProcessOrderDetails | tns:PackslipProcessOrderDetails |

**Element: tns:OrderDetailsResponse [typeArrayOfOrderDetailsResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component               | Type     |
|-------------------------|----------|
| SEQUENCE                |          |
| tns:OrderID             | s:int    |
| tns:PartyID             | s:int    |
| tns:OrderDetailID       | s:int    |
| tns:ProductID           | s:string |
| tns:Description         | s:string |
| tns:Quantity            | s:int    |
| tns:Price               | s:string |
| tns:Volume              | s:string |
| tns:Tax                 | s:string |
| tns:TaxableAmount       | s:string |
| tns:GroupOwner          | s:int    |
| tns:ParentOrderDetailID | s:int    |

**Element: tns:OrderDetailsResponse [type GetOrderDetailsResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component                | Type                     |
|--------------------------|--------------------------|
| SEQUENCE                 |                          |
| tns:OrderDetailsResponse | tns:OrderDetailsResponse |

**Element: tns:OrderDetailsResponse [type GetOrderDetailsResponseV2]**

**Content Model**

Contains elements as defined in the following table.

| Component                  | Type                       |
|----------------------------|----------------------------|
| SEQUENCE                   |                            |
| tns:OrderDetailsResponseV2 | tns:OrderDetailsResponseV2 |

## Element: tns:OrderDetailsResponseV2 [type ArrayOfOrderDetailsResponseV2]

### Content Model

Contains elements as defined in the following table.

| Component                          | Type     |
|------------------------------------|----------|
| SEQUENCE                           |          |
| tns:OrderID                        | s:int    |
| tns:PartyID                        | s:int    |
| tns:OrderDetailID                  | s:int    |
| tns:ProductID                      | s:string |
| tns:Description                    | s:string |
| tns:Quantity                       | s:int    |
| tns:Price                          | s:string |
| tns:Volume                         | s:string |
| tns:Tax                            | s:string |
| tns:TaxableAmount                  | s:string |
| tns:GroupOwner                     | s:int    |
| tns:ParentOrderDetailID            | s:int    |
| tns:WarehouseName                  | s:string |
| tns:WarehouseEmail                 | s:string |
| tns:WarehousePackSlipLine1         | s:string |
| tns:WarehousePackSlipLine2         | s:string |
| tns:WarehousePackSlipLine3         | s:string |
| tns:WarehousePackSlipLine4         | s:string |
| tns:WarehousePackSlipLine5         | s:string |
| tns:WarehousePackSlipLine6         | s:string |
| tns:WarehousePickupLocation        | s:string |
| tns:WarehouseCompanyTaxID          | s:string |
| tns:WarehouseIntlCompanyName       | s:string |
| tns:WarehousePackSlipTaxTitle      | s:string |
| tns:WarehousePackSlipTaxPercentage | s:double |
| tns:PackSlipProcessID              | s:int    |
| tns:Volume2                        | s:string |
| tns:Volume3                        | s:string |
| tns:Volume4                        | s:string |
| tns:OtherPrice1                    | s:string |
| tns:OtherPrice2                    | s:string |

| Component             | Type     |
|-----------------------|----------|
| tns:OtherPrice3       | s:string |
| tns:OtherPrice4       | s:string |
| tns:PackSlipProductID | s:string |
| tns:PackSlipBarcode   | s:string |



**Element: tns:OrderID [element CreateInternalNote]**

**Element: tns:OrderID [element GetOrderDetailsInfo]**

**Element: tns:OrderID [element GetOrderDetailsInfo\_V2]**

**Element: tns:OrderID [element GetOrderInfo]**

**Element: tns:OrderID [element GetOrderInfo\_V2]**

**Element: tns:OrderID [element GetOrderTracking]**

**Element: tns:OrderID [element GetPayments]**

**Element: tns:OrderID [element GetTotals]**



**Element: tns:OrderID [element SetStatusEntered]**

**Element: tns:OrderID [element SetStatusPosted]**

**Element: tns:OrderID [element SetStatusShipped]**

**Element: tns:OrderID [element SetStatusVoid]**

**Element: tns:OrderID [element UpdateBillingAddress]**

**Element: tns:OrderID [element UpdateInvoiceNote]**

**Element: tns:OrderID [element UpdateMultipleTrackingNumbers]**

**Element: tns:OrderID [element UpdateShippingAddress]**



**Element: tns:OrderID [element UpdateShippingMethod]**

**Element: tns:OrderID [element UpdateTrackingNumber]**

**Element: tns:OrderID [type  
CheckedOrderedItemForCustomerDIDWithinDateResult]**

**Element: tns:OrderID [type  
CheckedOrderedItemForCustomerDIDWithinDateResult\_V2]**

**Element: tns:OrderID [type  
CheckedOrderedItemForRepDIDWithinDateResult]**

**Element: tns:OrderID [type CreateReturnOrderRequest]**

**Element: tns:OrderID [type GetOrderResponse]**

**Element: tns:OrderID [type GetOrderResponse\_V2]**



**Element: tns:OrderID [type GetPaymentTotalResponse]**

**Element: tns:OrderID [type OrderDetailsResponse]**

**Element: tns:OrderID [type OrderDetailsResponseV2]**

**Element: tns:OrderID [type OrderList]**

**Element: tns:OrderID [type PackslipProcessOrder]**

**Element: tns:OrderID [type PackslipProcessOrderDetails]**

**Element: tns:OrderID [type PackslipProcessPaymentDetails]**

**Element: tns:OrderID [type PackslipProcessRequest]**



**Element: tns:OrderID [type PaymentResponse]**

**Element: tns:OrderList [type ArrayOfOrderList]**

**Content Model**

Contains elements as defined in the following table.

| Component            | Type       |
|----------------------|------------|
| SEQUENCE             |            |
| tns:RequestID        | s:int      |
| tns:Success          | s:int      |
| tns:Message          | s:string   |
| tns:OrderID          | s:int      |
| tns:CreatedDate      | s:dateTime |
| tns:LastModifiedDate | s:dateTime |

**Element: tns:Orders [type PackslipProcessResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component                | Type                     |
|--------------------------|--------------------------|
| SEQUENCE                 |                          |
| tns:PackslipProcessOrder | tns:PackslipProcessOrder |

**Element: tns:OrderTrackingInfo [type ArrayOfOrderTrackingInfo]****Content Model**

Contains elements as defined in the following table.

| Component  | Type     |
|------------|----------|
| SEQUENCE   |          |
| tns:Number | s:string |
| tns:URL    | s:string |

**Element: tns:OtherPrice [type CreateReturnOrderDetailItem]**

**Element: tns:OtherPrice1 [type OrderDetailsResponseV2]**

**Element: tns:OtherPrice2 [type CreateReturnOrderDetailItem]**

**Element: tns:OtherPrice2 [type OrderDetailsResponseV2]**



**Element: tns:OtherPrice3 [type CreateReturnOrderDetailItem]**

**Element: tns:OtherPrice3 [type OrderDetailsResponseV2]**

**Element: tns:OtherPrice4 [type CreateReturnOrderDetailItem]**

**Element: tns:OtherPrice4 [type OrderDetailsResponseV2]**

**Element: tns:PackSlipBarcode [type OrderDetailsResponseV2]**

**Element: tns:PackSlipProcessID [type OrderDetailsResponseV2]**

**Element: tns:PackSlipProcessID [type PackslipProcessOrderDetails]**

**Element: tns:PackslipProcessID [type PackslipProcessRequest]**



**Element: tns:PackslipProcessID [type PackslipProcessResponse]**

## Element: tns:PackslipProcessOrder [type ArrayOfPackslipProcessOrder]

### Content Model

Contains elements as defined in the following table.


| Component          | Type                                     |
|--------------------|--|
| SEQUENCE           |  |
| tns:OrderDetails   | tns:ArrayOfPackslipProcessOrderDetails   |
| tns:Payments       | tns:ArrayOfPackslipProcessPaymentDetails |
| tns:Party          | tns:PackslipProcessParty                 |
| tns:OrderID        | s:int                                    |
| tns:PartyID        | s:int                                    |
| tns:OrderDate      | s:dateTime                               |
| tns:SubjectID      | s:int                                    |
| tns:ShipName1      | s:string                                 |
| tns:ShipName2      | s:string                                 |
| tns:ShipStreet1    | s:string                                 |
| tns:ShipStreet2    | s:string                                 |
| tns:ShipCity       | s:string                                 |
| tns:ShipState      | s:string                                 |
| tns:ShipPostalCode | s:string                                 |
| tns:ShipCounty     | s:string                                 |
| tns:ShipCountry    | s:string                                 |
| tns:BillName1      | s:string                                 |
| tns:BillName2      | s:string                                 |
| tns:BillStreet1    | s:string                                 |
| tns:BillStreet2    | s:string                                 |
| tns:BillCity       | s:string                                 |
| tns:BillState      | s:string                                 |
| tns:BillPostalCode | s:string                                 |
| tns:BillCounty     | s:string                                 |
| tns:BillCountry    | s:string                                 |
| tns:BillPhone      | s:string                                 |
| tns:ShipPhone      | s:string                                 |
| tns:BonusDate      | s:dateTime                               |
| tns:InvoiceNotes   | s:string                                 |
| tns:Description    | s:string                                 |
| tns:TotalPrice     | s:decimal                                |
| tns:ShippingTotal  | s:decimal                                |

| Component                    | Type      |
|------------------------------|-----------|
| tns:HandlingFee              | s:decimal |
| tns:UseHandlingFee           | s:boolean |
| tns:StatusDesc               | s:string  |
| tns:MarketShow               | s:string  |
| tns:ShippingMethodDesc       | s:string  |
| tns:RepDID                   | s:string  |
| tns:TaxID                    | s:string  |
| tns:Email                    | s:string  |
| tns:CustomerDID              | s:string  |
| tns:SupressFinancials        | s:boolean |
| tns:PartyOrderRecipient      | s:string  |
| tns:PartyOrderRecipientPhone | s:string  |
| tns:GiftMessageCount         | s:int     |
| tns:ShippingTax              | s:decimal |
| tns:HandlingTax              | s:decimal |

## Element: tns:PackslipProcessOrderDetails [type ArrayOfPackslipProcessOrderDetails]

### Content Model

Contains elements as defined in the following table.

| Component  | Type      |
|--|-----------|
|  SEQUENCE |           |
| tns:OrderDetailID  | s:int     |
| tns:InventoryID  | s:int     |
| tns:OrderID  | s:int     |
| tns:GroupOwnerDetailID   | s:int     |
| tns:GroupItem  | s:int     |
| tns:PackSlipProcessID  | s:int     |
| tns:Price  | s:double  |
| tns:Quantity   | s:int     |
| tns:Tax  | s:double  |
| tns:ProductID  | s:string  |
| tns:Description  | s:string  |
| tns:Volume   | s:double  |
| tns:PackslipSortOrder  | s:int     |
| tns:ShippingExempt   | s:boolean |

**Element: tns:PackslipProcessPaymentDetails [type  
ArrayOfPackslipProcessPaymentDetails]**

**Content Model**

Contains elements as defined in the following table.

| Component           | Type       |
|---------------------|------------|
| SEQUENCE            |            |
| tns:PaymentID       | s:int      |
| tns:Amount          | s:double   |
| tns:PaymentDate     | s:dateTime |
| tns:TypeDescription | s:string   |
| tns:CategoryID      | s:int      |
| tns:OrderID         | s:int      |

**Element: tns:PackSlipProductID [type OrderDetailsResponseV2]**

**Element: tns:PackslipSortOrder [type PackslipProcessOrderDetails]**

**Element: tns:ParentOrderDetailID [type OrderDetailsResponse]**



**Element: tns:ParentOrderDetailID [type OrderDetailsResponseV2]**

## Element: tns:Party [type PackslipProcessOrder]

### Content Model

Contains elements as defined in the following table.

| Component          | Type       |
|--------------------|------------|
| SEQUENCE           |            |
| tns:ID             | s:int      |
| tns:PartyDesc      | s:string   |
| tns:ShipName       | s:string   |
| tns:ShipStreet1    | s:string   |
| tns:ShipStreet2    | s:string   |
| tns:ShipCity       | s:string   |
| tns:ShipState      | s:string   |
| tns:ShipPostalCode | s:string   |
| tns:PartyDate      | s:dateTime |
| tns:Directions     | s:string   |
| tns:HostessTerm    | s:string   |
| tns:PartyTerm      | s:string   |
| tns:TypeDesc       | s:string   |
| tns:ProductID      | s:string   |
| tns:Description    | s:string   |
| tns:ItemQty        | s:int      |
| tns:CustomerDID    | s:string   |
| tns:RepDID         | s:string   |
| tns:Phone          | s:string   |
| tns:PartyCount     | s:int      |

**Element: tns:PartyCount [type PackslipProcessParty]**

**Element: tns:PartyDate [type PackslipProcessParty]**

**Element: tns:PartyDesc [type PackslipProcessParty]**

**Element: tns:PartyID [type GetOrderResponse]**

**Element: tns:PartyID [type GetOrderResponse\_V2]**

**Element: tns:PartyID [type OrderDetailsResponse]**



**Element: tns:PartyID [type OrderDetailsResponseV2]**

**Element: tns:PartyID [type PackslipProcessOrder]**

**Element: tns:PartyOrderRecipient [type PackslipProcessOrder]**

**Element: tns:PartyOrderRecipientPhone [type PackslipProcessOrder]**

**Element: tns:PartyTerm [type PackslipProcessParty]**

## **Element: tns:Password [type Credentials]**

**Element: tns:PaymentDate [type PackslipProcessPaymentDetails]**

**Element: tns:PaymentDate [type PaymentResponse]**



## Element: tns:PaymentDetails [type PaymentResponse]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Detail1  | s:string |
| tns:Detail2  | s:string |
| tns:Detail3  | s:string |
| tns:Detail4  | s:string |
| tns:Detail5  | s:string |
| tns:Detail6  | s:string |
| tns:Detail7  | s:string |
| tns:Detail8  | s:string |
| tns:Detail9  | s:string |
| tns:Detail10 | s:string |
| tns:Detail11 | s:string |
| tns:Detail12 | s:string |
| tns:Detail13 | s:string |
| tns:Detail14 | s:string |
| tns:Detail15 | s:string |
| tns:Detail16 | s:string |
| tns:Detail17 | s:string |
| tns:Detail18 | s:string |
| tns:Detail19 | s:string |

**Element: tns:PaymentID [type PackslipProcessPaymentDetails]**

**Element: tns:PaymentID [type PaymentResponse]**

**Element: tns:PaymentResponse [type ArrayOfPaymentResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component          | Type               |
|--------------------|--------------------|
| SEQUENCE           |                    |
| tns:OrderID        | s:int              |
| tns:PaymentID      | s:int              |
| tns:PaymentDate    | s:string           |
| tns:PaymentType    | s:string           |
| tns:Amount         | s:string           |
| tns:PaymentStatus  | s:string           |
| tns:PaymentDetails | tns:PaymentDetails |

**Element: tns:PaymentResponse [type GetPaymentResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component           | Type                |
|---------------------|---------------------|
| SEQUENCE            |                     |
| tns:PaymentResponse | tns:PaymentResponse |

**Element: tns:Payments [type PackerProcessOrder]**

**Content Model**

Contains elements as defined in the following table.

| Component                       | Type                            |
|---------------------------------|---------------------------------|
| SEQUENCE                        |                                 |
| tns:PackerProcessPaymentDetails | tns:PackerProcessPaymentDetails |

**Element: tns:PaymentStatus [type PaymentResponse]**

**Element: tns:PaymentType [type PaymentResponse]**



**Element: tns:PeriodEndDate [element GetOrderListRange]**

**Element: tns:PeriodLength [element GetOrderListRecent]**

**Element: tns:PeriodStartDate [element GetOrderListRange]**

## **Element: tns:PeriodType [element GetOrderListRecent]**

**Element: tns:Phone [type PackslipProcessParty]**

**Element: tns:PostOnlyIfBalancelZero [element SetStatusPosted]**

## **Element: tns:Price [type OrderDetailsResponse]**

**Element: tns:Price [type OrderDetailsResponseV2]**



**Element: tns:Price [type PackslipProcessOrderDetails]**

**Element: tns:ProductID [type OrderDetailsResponse]**

**Element: tns:ProductID [type OrderDetailsResponseV2]**

**Element: tns:ProductID [type PackslipProcessOrderDetails]**

**Element: tns:ProductID [type PackslipProcessParty]**

**Element: tns:Quantity [element  
UpdateOrderDetailTrackingNumberQauntity]**

**Element: tns:Quantity [type CreateReturnOrderDetailItem]**

**Element: tns:Quantity [type OrderDetailsResponse]**



**Element: tns:Quantity [type OrderDetailsResponseV2]**

**Element: tns:Quantity [type PackslipProcessOrderDetails]**

**Element: tns:RankPriceType [type GetOrderResponse]**

**Element: tns:RankPriceType [type GetOrderResponse\_V2]**

**Element: tns:ReasonAreaType [type ReasonCodeType]**

**Element: tns:ReasonCodeType [type ArrayOfReasonCodeType]**

**Content Model**

Contains elements as defined in the following table.

| Component             | Type     |
|-----------------------|----------|
| SEQUENCE              |          |
| tns:ReasonCodeTypeID  | s:int    |
| tns:ReasonAreaType    | s:string |
| tns:ReasonDescription | s:string |
| tns:ReasonExplanation | s:string |

**Element: tns:ReasonCodeType [type ReasonCodeTypes]**

**Content Model**

Contains elements as defined in the following table.

| Component          | Type               |
|--------------------|--------------------|
| SEQUENCE           |                    |
| tns:ReasonCodeType | tns:ReasonCodeType |

**Element: tns:ReasonCodeTypeID [type CreateReturnOrderRequest]**



**Element: tns:ReasonCodeTypeID [type ReasonCodeType]**

**Element: tns:ReasonDescription [type ReasonCodeType]**

**Element: tns:ReasonExplanation [type ReasonCodeType]**

**Element: tns:RepDID [element CheckOrderedItemForRepDIDWithinDate]**

**Element: tns:RepDID [type PackslipProcessOrder]**

**Element: tns:RepDID [type PackslipProcessParty]**

**Element: tns:RepNumber [type GetOrderResponse]**

**Element: tns:RepNumber [type GetOrderResponse\_V2]**



# Element: tns:Request [element GetPackslip]

## Content Model

Contains elements as defined in the following table.

| Component             | Type       |
|-----------------------|------------|
| SEQUENCE              |            |
| tns:PackslipProcessID | s:int      |
| tns:OrderID           | s:int      |
| tns:WarehouseID       | s:int      |
| tns:CreatedBy         | s:string   |
| tns:ShipMethodID      | s:int      |
| tns:StartDate         | s:dateTime |
| tns:EndDate           | s:dateTime |

**Element: tns:RequestID [type GenericResponse]**

**Element: tns:ReturnPrice [type CreateReturnOrderDetailItem]**

# Element: tns:SetStatusEntered

## Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:OrderID     | s:int           |

## Element: tns:SetStatusEnteredResponse

### Content Model

Contains elements as defined in the following table.

| Component                  | Type                |
|----------------------------|---------------------|
| SEQUENCE                   |                     |
| tns:SetStatusEnteredResult | tns:GenericResponse |

**Element: tns:SetStatusEnteredResult [element SetStatusEnteredResponse]****Content Model**

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

# Element: tns:SetStatusPosted

## Content Model

Contains elements as defined in the following table.

| Component                    | Type            |
|------------------------------|-----------------|
| SEQUENCE                     |                 |
| tns:Credentials              | tns:Credentials |
| tns:OrderID                  | s:int           |
| tns:PostOnlyIfBalancelIsZero | s:int           |

## Element: tns:SetStatusPostedResponse

### Content Model

Contains elements as defined in the following table.

| Component                 | Type                |
|---------------------------|---------------------|
| SEQUENCE                  |                     |
| tns:SetStatusPostedResult | tns:GenericResponse |



**Element: tns:SetStatusPostedResult [element SetStatusPostedResponse]****Content Model**

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

# Element: tns:SetStatusShipped

## Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:OrderID     | s:int           |

## Element: tns:SetStatusShippedResponse

### Content Model


Contains elements as defined in the following table.

| Component                  | Type                |
|----------------------------|---------------------|
| SEQUENCE                   |                     |
| tns:SetStatusShippedResult | tns:GenericResponse |

## Element: tns:SetStatusShippedResult [element SetStatusShippedResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |

# Element: tns:SetStatusVoid

## Content Model

Contains elements as defined in the following table.

| Component        | Type            |
|------------------|-----------------|
| SEQUENCE         |                 |
| tns:Credentials  | tns:Credentials |
| tns:OrderID      | s:int           |
| tns:InvoiceNotes | s:string        |

## Element: tns:SetStatusVoidResponse

### Content Model

Contains elements as defined in the following table.

| Component               | Type                |
|-------------------------|---------------------|
| SEQUENCE                |                     |
| tns:SetStatusVoidResult | tns:GenericResponse |

**Element: tns:SetStatusVoidResult [element SetStatusVoidResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

**Element: tns:ShipCity [element UpdateShippingAddress]**



**Element: tns:ShipCity [type GetOrderResponse]**

**Element: tns:ShipCity [type GetOrderResponse\_V2]**

**Element: tns:ShipCity [type PackslipProcessOrder]**

**Element: tns:ShipCity [type PackslipProcessParty]**

**Element: tns:ShipCountry [element UpdateShippingAddress]**

**Element: tns:ShipCountry [type GetOrderResponse]**

**Element: tns:ShipCountry [type GetOrderResponse\_V2]**

**Element: tns:ShipCountry [type PackslipProcessOrder]**



**Element: tns:ShipCounty [element UpdateShippingAddress]**

**Element: tns:ShipCounty [type GetOrderResponse]**

**Element: tns:ShipCounty [type GetOrderResponse\_V2]**

**Element: tns:ShipCounty [type PackslipProcessOrder]**

**Element: tns:ShipEmail [element UpdateShippingAddress]**

**Element: tns:ShipEmail [type GetOrderResponse]**

**Element: tns:ShipEmail [type GetOrderResponse\_V2]**

**Element: tns:ShipGeoCode [type GetOrderResponse]**



**Element: tns:ShipGeoCode [type GetOrderResponse\_V2]**

**Element: tns:ShipMethod [type GetOrderResponse]**

**Element: tns:ShipMethod [type GetOrderResponse\_V2]**

**Element: tns:ShipMethodID [element UpdateShippingMethod]**

**Element: tns:ShipMethodID [type GetOrderResponse]**

**Element: tns:ShipMethodID [type GetOrderResponse\_V2]**

**Element: tns:ShipMethodID [type PackslipProcessRequest]**

**Element: tns:ShipName [type PackslipProcessParty]**



**Element: tns:ShipName1 [element UpdateShippingAddress]**

**Element: tns:ShipName1 [type GetOrderResponse]**

**Element: tns:ShipName1 [type GetOrderResponse\_V2]**

**Element: tns:ShipName1 [type PackslipProcessOrder]**

**Element: tns:ShipName2 [element UpdateShippingAddress]**

**Element: tns:ShipName2 [type GetOrderResponse]**

**Element: tns:ShipName2 [type GetOrderResponse\_V2]**

**Element: tns:ShipName2 [type PackslipProcessOrder]**



**Element: tns:ShipPhone [element UpdateShippingAddress]**

**Element: tns:ShipPhone [type GetOrderResponse]**

**Element: tns:ShipPhone [type GetOrderResponse\_V2]**

**Element: tns:ShipPhone [type PackslipProcessOrder]**

**Element: tns:ShippingExempt [type PackslipProcessOrderDetails]**

**Element: tns:ShippingMethodDesc [type PackslipProcessOrder]**

## Element: tns:ShippingMethods [type ArrayOfShippingMethods]

### Content Model

Contains elements as defined in the following table.

| Component       | Type     |
|-----------------|----------|
| SEQUENCE        |          |
| tns:ID          | s:int    |
| tns:Description | s:string |

**Element: tns:ShippingTax [type GetPaymentTotalResponse]**



**Element: tns:ShippingTax [type PackslipProcessOrder]**

**Element: tns:ShippingTotal [type CreateReturnOrderRequest]**

**Element: tns:ShippingTotal [type GetPaymentTotalResponse]**

**Element: tns:ShippingTotal [type PackslipProcessOrder]**

**Element: tns:ShipPostalCode [element UpdateShippingAddress]**

**Element: tns:ShipPostalCode [type GetOrderResponse]**

**Element: tns:ShipPostalCode [type GetOrderResponse\_V2]**

**Element: tns:ShipPostalCode [type PackslipProcessOrder]**



**Element: tns:ShipPostalCode [type PackslipProcessParty]**

**Element: tns:ShipState [element UpdateShippingAddress]**

**Element: tns:ShipState [type GetOrderResponse]**

**Element: tns:ShipState [type GetOrderResponse\_V2]**

**Element: tns:ShipState [type PackslipProcessOrder]**

**Element: tns:ShipState [type PackslipProcessParty]**

**Element: tns:ShipStreet1 [element UpdateShippingAddress]**

**Element: tns:ShipStreet1 [type GetOrderResponse]**



**Element: tns:ShipStreet1 [type GetOrderResponse\_V2]**

**Element: tns:ShipStreet1 [type PackslipProcessOrder]**

**Element: tns:ShipStreet1 [type PackslipProcessParty]**

**Element: tns:ShipStreet2 [element UpdateShippingAddress]**

**Element: tns:ShipStreet2 [type GetOrderResponse]**

**Element: tns:ShipStreet2 [type GetOrderResponse\_V2]**

**Element: tns:ShipStreet2 [type PackslipProcessOrder]**

**Element: tns:ShipStreet2 [type PackslipProcessParty]**



**Element: tns:StartDate [type PackslipProcessRequest]**

**Element: tns:Status [type GetOrderResponse]**

**Element: tns:Status [type GetOrderResponse\_V2]**

**Element: tns:StatusDesc [type PackslipProcessOrder]**

**Element: tns:Subject [element CreateInternalNote]**

**Element: tns:SubjectID [type PackslipProcessOrder]**

**Element: tns:SubTotal [type GetPaymentTotalResponse]**

**Element: tns:Success [type  
CheckedOrderedItemForCustomerDIDWithinDateResult]**



**Element: tns:Success [type  
CheckedOrderedItemForRepDIDWithinDateResult]**

## **Element: tns:Success [type GenericResponse]**

## **Element: tns:SupressFinancials [type PackslipProcessOrder]**

**Element: tns:Tax [type OrderDetailsResponse]**

**Element: tns:Tax [type OrderDetailsResponseV2]**

**Element: tns:Tax [type PackslipProcessOrderDetails]**

**Element: tns:TaxableAmount [type CreateReturnOrderDetailItem]**

**Element: tns:TaxableAmount [type OrderDetailsResponse]**



**Element: tns:TaxableAmount [type OrderDetailsResponseV2]**

**Element: tns:TaxID [type PackslipProcessOrder]**

**Element: tns:TaxTotal [type GetPaymentTotalResponse]**

**Element: tns:Token [type Credentials]**

**Element: tns:TotalPrice [type GetPaymentTotalResponse]**

**Element: tns:TotalPrice [type PackslipProcessOrder]**

**Element: tns:TrackingInfo [type GetOrderTrackingResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component             | Type                  |
|-----------------------|-----------------------|
| SEQUENCE              |                       |
| tns:OrderTrackingInfo | tns:OrderTrackingInfo |

**Element: tns:TrackingNumber [element UpdateMultipleTrackingNumbers]**



**Element: tns:TrackingNumber [element  
UpdateOrderDetailTrackingNumber]**

**Element: tns:TrackingNumber [element  
UpdateOrderDetailTrackingNumberQauntity]**

**Element: tns:TrackingNumber [element UpdateTrackingNumber]**

**Element: tns:TypeDesc [type PackslipProcessParty]**


**Element: tns:TypeDescription [type PackslipProcessPaymentDetails]**

## **Element: tns:Unresolved [element CreateInternalNote]**

## Element: tns:UpdateBillingAddress

### Content Model

Contains elements as defined in the following table.

| Component  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:OrderID  | s:int           |
| tns:BillName1  | s:string        |
| tns:BillName2  | s:string        |
| tns:BillStreet1  | s:string        |
| tns:BillStreet2  | s:string        |
| tns:BillCity   | s:string        |
| tns:BillState  | s:string        |
| tns:BillPostalCode   | s:string        |
| tns:BillCounty   | s:string        |
| tns:BillCountry  | s:string        |
| tns:BillPhone  | s:string        |
| tns:BillEmail  | s:string        |

## Element: tns:UpdateBillingAddressResponse

### Content Model

Contains elements as defined in the following table.


| Component                      | Type                |
|--------------------------------|---------------------|
| SEQUENCE                       |                     |
| tns:UpdateBillingAddressResult | tns:GenericResponse |



## Element: tns:UpdateBillingAddressResult [element UpdateBillingAddressResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |

**Element: tns:UpdateExisting [element UpdateMultipleTrackingNumbers]**

**Element: tns:UpdateExisting [element UpdateOrderDetailTrackingNumber]**

**Element: tns:UpdateExisting [element UpdateTrackingNumber]**

# Element: tns:UpdateInvoiceNote

## Content Model

Contains elements as defined in the following table.

| Component                    | Type                         |
|------------------------------|------------------------------|
| SEQUENCE                     |                              |
| tns:Credentials              | tns:Credentials              |
| tns:InvoiceNoteUpdateRequest | tns:InvoiceNoteUpdateRequest |
| tns:OrderID                  | s:int                        |
| tns:InvoiceNotes             | s:string                     |

# Element: tns:UpdateInvoiceNoteResponse

## Content Model


Contains elements as defined in the following table.

| Component                   | Type                |
|-----------------------------|---------------------|
| SEQUENCE                    |                     |
| tns:UpdateInvoiceNoteResult | tns:GenericResponse |

## Element: tns:UpdateInvoiceNoteResult [element UpdateInvoiceNoteResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |

# Element: tns:UpdateMultipleTrackingNumbers

## Content Model

Contains elements as defined in the following table.

| Component          | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:OrderID        | s:string        |
| tns:TrackingNumber | s:string        |
| tns:WarehouseID    | s:int           |
| tns:UpdateExisting | s:boolean       |



## Element: tns:UpdateMultipleTrackingNumbersResponse

### Content Model


Contains elements as defined in the following table.

| Component                               | Type                |
|---|---------------------|
| SEQUENCE                                |                     |
| tns:UpdateMultipleTrackingNumbersResult | tns:GenericResponse |

## Element: tns:UpdateMultipleTrackingNumbersResult [element UpdateMultipleTrackingNumbersResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |

# Element: tns:UpdateOrderDetailTrackingNumber

## Content Model

Contains elements as defined in the following table.

| Component          | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:OrderDetailID  | s:int           |
| tns:TrackingNumber | s:string        |
| tns:UpdateExisting | s:boolean       |

# Element: tns:UpdateOrderDetailTrackingNumberQauntity

## Content Model

Contains elements as defined in the following table.

| Component          | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:OrderDetailID  | s:int           |
| tns:TrackingNumber | s:string        |
| tns:Quantity       | s:int           |

**Element: tns:UpdateOrderDetailTrackingNumberQauntityResponse**


**Content Model**

Contains elements as defined in the following table.

| Component   | Type                |
|---|---------------------|
| SEQUENCE  |                     |
| tns:UpdateOrderDetailTrackingNumberQauntityRes<br>ult | tns:GenericResponse |

**Element: tns:UpdateOrderDetailTrackingNumberQauntityResult [element UpdateOrderDetailTrackingNumberQauntityResponse]****Content Model**

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |

# Element: tns:UpdateOrderDetailTrackingNumberResponse


## Content Model

Contains elements as defined in the following table.

| Component                                 | Type                |
|---|---------------------|
| SEQUENCE                                  |                     |
| tns:UpdateOrderDetailTrackingNumberResult | tns:GenericResponse |

**Element: tns:UpdateOrderDetailTrackingNumberResult [element UpdateOrderDetailTrackingNumberResponse]****Content Model**

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |



**Element: tns:UpdateRequestType [type InvoiceNoteUpdateRequest]**

## Element: tns:UpdateShippingAddress

### Content Model

Contains elements as defined in the following table.

| Component          | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:OrderID        | s:int           |
| tns:ShipName1      | s:string        |
| tns:ShipName2      | s:string        |
| tns:ShipStreet1    | s:string        |
| tns:ShipStreet2    | s:string        |
| tns:ShipCity       | s:string        |
| tns:ShipState      | s:string        |
| tns:ShipPostalCode | s:string        |
| tns:ShipCounty     | s:string        |
| tns:ShipCountry    | s:string        |
| tns:ShipPhone      | s:string        |
| tns:ShipEmail      | s:string        |

## Element: tns:UpdateShippingAddressResponse

### Content Model


Contains elements as defined in the following table.

| Component                       | Type                |
|---------------------------------|---------------------|
| SEQUENCE                        |                     |
| tns:UpdateShippingAddressResult | tns:GenericResponse |

## Element: tns:UpdateShippingAddressResult [element UpdateShippingAddressResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |

# Element: tns:UpdateShippingMethod

## Content Model

Contains elements as defined in the following table.

| Component        | Type            |
|------------------|-----------------|
| SEQUENCE         |                 |
| tns:Credentials  | tns:Credentials |
| tns:OrderID      | s:int           |
| tns:ShipMethodID | s:int           |

## Element: tns:UpdateShippingMethodResponse

### Content Model


Contains elements as defined in the following table.

| Component                      | Type                |
|--------------------------------|---------------------|
| SEQUENCE                       |                     |
| tns:UpdateShippingMethodResult | tns:GenericResponse |

## Element: tns:UpdateShippingMethodResult [element UpdateShippingMethodResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |

# Element: tns:UpdateTrackingNumber

## Content Model

Contains elements as defined in the following table.

| Component          | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:OrderID        | s:int           |
| tns:TrackingNumber | s:string        |
| tns:WarehouseID    | s:int           |
| tns:UpdateExisting | s:boolean       |



## Element: tns:UpdateTrackingNumberResponse

### Content Model


Contains elements as defined in the following table.

| Component                      | Type                |
|--------------------------------|---------------------|
| SEQUENCE                       |                     |
| tns:UpdateTrackingNumberResult | tns:GenericResponse |

## Element: tns:UpdateTrackingNumberResult [element UpdateTrackingNumberResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |

**Element: tns:URL [type  
CheckedOrderedItemForCustomerDIDWithinDateResult]**

**Element: tns:URL [type  
CheckedOrderedItemForCustomerDIDWithinDateResult\_V2]**

**Element: tns:URL [type CheckedOrderedItemForRepDIDWithinDateResult]**

**Element: tns:URL [type OrderTrackingInfo]**

**Element: tns:UseHandlingFee [type PackslipProcessOrder]**

## **Element: tns:Username [type Credentials]**



## **Element: tns:Version**

### **Content Model**

Always empty.

**Element: tns:VersionResponse**

**Content Model**

Contains elements as defined in the following table.

| Component         | Type                |
|-------------------|---------------------|
| SEQUENCE          |                     |
| tns:VersionResult | tns:GenericResponse |

## Element: tns:VersionResult [element VersionResponse]

### Content Model

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

**Element: tns:Volume [type CreateReturnOrderDetailItem]**

**Element: tns:Volume [type OrderDetailsResponse]**

**Element: tns:Volume [type OrderDetailsResponseV2]**

**Element: tns:Volume [type PackslipProcessOrderDetails]**

**Element: tns:Volume2 [type CreateReturnOrderDetailItem]**



**Element: tns:Volume2 [type OrderDetailsResponseV2]**

**Element: tns:Volume3 [type CreateReturnOrderDetailItem]**

**Element: tns:Volume3 [type OrderDetailsResponseV2]**

**Element: tns:Volume4 [type CreateReturnOrderDetailItem]**

**Element: tns:Volume4 [type OrderDetailsResponseV2]**

**Element: tns:WarehouseCompanyTaxID [type OrderDetailsResponseV2]**

**Element: tns:WarehouseEmail [type OrderDetailsResponseV2]**

**Element: tns:WarehouseID [element UpdateMultipleTrackingNumbers]**



**Element: tns:WarehouseID [element UpdateTrackingNumber]**

**Element: tns:WarehouseID [type PackslipProcessRequest]**

**Element: tns:WarehouseIntlCompanyName [type OrderDetailsResponseV2]**

**Element: tns:WarehouseName [type OrderDetailsResponseV2]**

**Element: tns:WarehousePackSlipLine1 [type OrderDetailsResponseV2]**

**Element: tns:WarehousePackSlipLine2 [type OrderDetailsResponseV2]**

**Element: tns:WarehousePackSlipLine3 [type OrderDetailsResponseV2]**

**Element: tns:WarehousePackSlipLine4 [type OrderDetailsResponseV2]**



**Element: tns:WarehousePackSlipLine5 [type OrderDetailsResponseV2]**

**Element: tns:WarehousePackSlipLine6 [type OrderDetailsResponseV2]**

**Element: tns:WarehousePackSlipTaxPercentage [type  
OrderDetailsResponseV2]**

**Element: tns:WarehousePackSlipTaxTitle [type OrderDetailsResponseV2]**

**Element: tns:WarehousePickupLocation [type OrderDetailsResponseV2]**

**Element: tns:WithinLastDate [element  
CheckOrderedItemForCustomerDIDWithinDate]**

**Element: tns:WithinLastDate [element  
CheckOrderedItemForCustomerDIDWithinDate\_V2]**

**Element: tns:WithinLastDate [element  
CheckOrderedItemForRepDIDWithinDate]**



## ByDesign AutoshipAPI Web Service

### Type

SOAP

### Style

Document

### See Also

[Methods](#) | [Complex Types](#) | [Elements](#)

## Methods: ByDesign AutoshipAPI

### Methods

| Name   | Description  |
|--|--|
| AddItem                                      |  |
| AddPaymentProfile_CC                         |  |
| AddPaymentProfile_Tokenized                  | Allows adding a tokenized payment profile to an AutoShip profile.  |
| CancelProfile                                |  |
| CreateCustomerProfile                        |  |
| CreateRepProfile                             |  |
| GetAutoshipItems                             |  |
| GetAutoshipProfiles                          |  |
| GetAutoshipRules                             |  |
| GetPeriodTypes                               |  |
| GetProfileDetails                            |  |
| GetProfileItemDetails                        |  |
| GetShipMethods                               |  |
| Payment_TokenizedRequest_Adyen               | This method will return the parameters needed to build the redirection form for Adyen hosted payment pages. For using this method, a tokenized payment account using Adyen as tokenized payment processor is required to be configured. If the TokenizedPaymentAccountID input parameter is NOT sent, this method will use the entered AutoShip Profile # for assigning the correct tokenized payment account based on the AutoShip territory. Contact ByDesign Support for the correct payment details to use based on the tokenized processor configured in Freedom.   |
| RemoveItem                                   |  |
| TokenizedPaymentProfile_VerifyResponse_Adyen | This method will verify the integrity of the information being returned, as a result of a zero amount payment request/result of Adyen Hosted Payment Pages for an AutoShip payment profile. This method is used to verify these Payment Result parameters when Adyen redirects the shopper back to the client site. Freedom will use the HMAC algorithm along with the HMAC secret key to calculate the correct signature of the input parameters and will compare the result with MerchantSig input parameter. If those values match, this method will return a success response. If a mismatch is detected in these values, this method will return a HMAC_VALIDATION_FAILED message. If the TokenizedPaymentAccountID input parameter is NOT set, this method will use the entered ProfileID for assigning the correct tokenized payment account based on the autoship territory. |

| Name  | Description  |
|---|--|
| TokenizedPaymentProfile_VerifyResponse_Adyen_V2 | <p>This method will verify the integrity of the information being returned, as a result of a zero amount payment request/result of Adyen Hosted Payment Pages for an AutoShip payment profile. This method is used to verify these Payment Result parameters when Adyen redirects the shopper back to the client sit. In this version Freedom will use the HMAC-256 algorithm</p> <p>(TokenizedPaymentProfile_VerifyResponse_Adyen method uses HMAC-SHA1) along with the HMAC secret key to calculate the correct signature of the SignatureString input parameter and will compare the result with MerchantSig input parameter. If those values match, this method will return a success response. If a mismatch is detected in these values, this method will return a HMAC_VALIDATION_FAILED message. If the TokenizedPaymentAccontID input parameter is NOT set, this method will use the entered ProfileID for assigning the correct tokenized payment account based on the AutoShip Territory.&lt;br/&gt;MerchantSignatureString parameter must follow Adyen's specification which is: &lt;br/&gt;- Remove the following keys, as they are not used in the signature: a)sig b) merchantSig c) Any keys whose name starts with ignore. (dot included). &lt;br/&gt;- Concatenate the key names, first; then, the key values.&lt;br/&gt;- Use a colon (":") to delimit key names and key values.&lt;br/&gt;- Escape embedded "\" characters as "\\", and embedded ":" as "\:".&lt;br/&gt;</p> |
| UpdateAddress                                   |  |
| UpdateSchedule                                  |  |
| UpdateShipMethod                                |  |
| Version   |  |

## Method: AddItem

### Input (Literal)

The input of this method is the document element tns:AddItem having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:ProfileID   | s:int           |
| tns:ItemNumber  | s:string        |
| tns:Quantity    | s:int           |

### Output (Literal)


The output of this method is the document element tns:AddItemResponse having the structure defined by the following table.

| Element           | Type                |
|-------------------|---------------------|
| SEQUENCE          |                     |
| tns:AddItemResult | tns:GenericResponse |

## Method: AddPaymentProfile\_CC


### Input (Literal)

The input of this method is the document element `tns:AddPaymentProfile_CC` having the structure defined by the following table.

| Element  | Type                               |
|--|------------------------------------|
|  SEQUENCE |                                    |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code>       |
| <code>tns:ProfileID</code>   | <code>s:int</code>                 |
| <code>tns:PaymentInfo</code>   | <code>tns:AutoShipCCProfile</code> |

### Output (Literal)

The output of this method is the document element `tns:AddPaymentProfile_CCResponse` having the structure defined by the following table.

| Element  | Type                             |
|--|----------------------------------|
|  SEQUENCE |                                  |
| <code>tns:AddPaymentProfile_CCResult</code>  | <code>tns:GenericResponse</code> |


## Method: AddPaymentProfile\_Tokenized

### Description

Allows adding a tokenized payment profile to an AutoShip profile.


### Input (Literal)

The input of this method is the document element `tns:AddPaymentProfile_Tokenized` having the structure defined by the following table.

| Element  | Type   |
|--|--|
|  SEQUENCE |  |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code>                         |
| <code>tns:Request</code>   | <code>tns:AddPaymentProfile_Tokenized_Request</code> |

### Output (Literal)


The output of this method is the document element `tns:AddPaymentProfile_TokenizedResponse` having the structure defined by the following table.

| Element  | Type                             |
|--|----------------------------------|
|  SEQUENCE |                                  |
| <code>tns:AddPaymentProfile_TokenizedResult</code>   | <code>tns:GenericResponse</code> |

## Method: CancelProfile


### Input (Literal)

The input of this method is the document element `tns:CancelProfile` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:ProfileID</code>   | <code>s:int</code>           |

### Output (Literal)


The output of this method is the document element `tns:CancelProfileResponse` having the structure defined by the following table.

| Element  | Type                             |
|--|----------------------------------|
|  SEQUENCE |                                  |
| <code>tns:CancelProfileResult</code>   | <code>tns:GenericResponse</code> |

## Method: CreateCustomerProfile


### Input (Literal)

The input of this method is the document element `tns:CreateCustomerProfile` having the structure defined by the following table.

| Element  | Type                             |
|--|----------------------------------|
|  SEQUENCE |                                  |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code>     |
| <code>tns:CustomerNumber</code>  | <code>s:string</code>            |
| <code>tns:ShipAddress</code>   | <code>tns:AutoshipAddress</code> |
| <code>tns:StartDate</code>   | <code>s:dateTime</code>          |
| <code>tns:StopDate</code>  | <code>s:dateTime</code>          |
| <code>tns:PeriodTypeID</code>  | <code>s:int</code>               |
| <code>tns:PeriodDay</code>   | <code>s:int</code>               |
| <code>tns:ShipMethodID</code>  | <code>s:int</code>               |
| <code>tns:AutoShipRuleID</code>  | <code>s:int</code>               |
| <code>tns:OverrideShipping</code>  | <code>s:int</code>               |
| <code>tns:ShippingTotal</code>   | <code>s:double</code>            |

### Output (Literal)

The output of this method is the document element `tns:CreateCustomerProfileResponse` having the structure defined by the following table.


| Element  | Type                             |
|--|----------------------------------|
|  SEQUENCE |                                  |
| <code>tns:CreateCustomerProfileResult</code>   | <code>tns:GenericResponse</code> |



## Method: CreateRepProfile


### Input (Literal)

The input of this method is the document element `tns:CreateRepProfile` having the structure defined by the following table.

| Element  | Type                             |
|--|----------------------------------|
|  SEQUENCE |                                  |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code>     |
| <code>tns:RepNumber</code>   | <code>s:string</code>            |
| <code>tns:BCNumber</code>  | <code>s:int</code>               |
| <code>tns:ShipAddress</code>   | <code>tns:AutoshipAddress</code> |
| <code>tns:StartDate</code>   | <code>s:dateTime</code>          |
| <code>tns:StopDate</code>  | <code>s:dateTime</code>          |
| <code>tns:PeriodTypeID</code>  | <code>s:int</code>               |
| <code>tns:PeriodDay</code>   | <code>s:int</code>               |
| <code>tns:ShipMethodID</code>  | <code>s:int</code>               |
| <code>tns:AutoShipRuleID</code>  | <code>s:int</code>               |
| <code>tns:OverrideShipping</code>  | <code>s:int</code>               |
| <code>tns:ShippingTotal</code>   | <code>s:double</code>            |

### Output (Literal)


The output of this method is the document element `tns:CreateRepProfileResponse` having the structure defined by the following table.

| Element  | Type                             |
|--|----------------------------------|
|  SEQUENCE |                                  |
| <code>tns:CreateRepProfileResult</code>  | <code>tns:GenericResponse</code> |

## Method: GetAutoshipItems


### Input (Literal)

The input of this method is the document element `tns:GetAutoshipItems` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:ProfileID</code>   | <code>s:int</code>           |
| <code>tns:RepNumber</code>   | <code>s:string</code>        |
| <code>tns:CustomerNumber</code>  | <code>s:string</code>        |

### Output (Literal)


The output of this method is the document element `tns:GetAutoshipItemsResponse` having the structure defined by the following table.

| Element  | Type                                       |
|--|--|
|  SEQUENCE |  |
| <code>tns:GetAutoshipItemsResult</code>  | <code>tns:ArrayOfAutoshipItemDetail</code> |

## Method: GetAutoshipProfiles


### Input (Literal)

The input of this method is the document element `tns:GetAutoshipProfiles` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:RepNumber</code>   | <code>s:string</code>        |
| <code>tns:CustomerNumber</code>  | <code>s:string</code>        |

### Output (Literal)

The output of this method is the document element `tns:GetAutoshipProfilesResponse` having the structure defined by the following table.

| Element  | Type                                     |
|--|--|
|  SEQUENCE |  |
| <code>tns:GetAutoshipProfilesResult</code>   | <code>tns:ArrayOfAutoshipProfiles</code> |

## Method: GetAutoshipRules

### Input (Literal)

The input of this method is the document element tns:GetAutoshipRules having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the document element tns:GetAutoshipRulesResponse having the structure defined by the following table.

| Element                    | Type                    |
|----------------------------|-------------------------|
| SEQUENCE                   |                         |
| tns:GetAutoshipRulesResult | tns:ArrayOfAutoshipRule |

## Method: GetPeriodTypes

### Input (Literal)

The input of this method is the document element `tns:GetPeriodTypes` having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the document element `tns:GetPeriodTypesResponse` having the structure defined by the following table.

| Element                  | Type                          |
|--------------------------|-------------------------------|
| SEQUENCE                 |                               |
| tns:GetPeriodTypesResult | tns:ArrayOfAutoshipPeriodType |

## Method: GetProfileDetails

### Input (Literal)

The input of this method is the document element `tns:GetProfileDetails` having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:ProfileID   | s:int           |

### Output (Literal)


The output of this method is the document element `tns:GetProfileDetailsResponse` having the structure defined by the following table.

| Element                     | Type                 |
|-----------------------------|----------------------|
| SEQUENCE                    |                      |
| tns:GetProfileDetailsResult | tns:AutoshipProfiles |

## Method: GetProfileItemDetails


### Input (Literal)

The input of this method is the document element `tns:GetProfileItemDetails` having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:ProfileID  | s:int           |

### Output (Literal)


The output of this method is the document element `tns:GetProfileItemDetailsResponse` having the structure defined by the following table.

| Element  | Type                          |
|--|-------------------------------|
|  SEQUENCE |                               |
| tns:GetProfileItemDetailsResult  | tns:ArrayOfAutoshipItemDetail |

## Method: GetShipMethods


### Input (Literal)

The input of this method is the document element `tns:GetShipMethods` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:ShipState</code>   | <code>s:string</code>        |
| <code>tns:ShipCountry</code>   | <code>s:string</code>        |
| <code>tns:RepOrCustomer</code>   | <code>s:int</code>           |

### Output (Literal)

The output of this method is the document element `tns:GetShipMethodsResponse` having the structure defined by the following table.

| Element  | Type                                       |
|--|--|
|  SEQUENCE |  |
| <code>tns:GetShipMethodsResult</code>  | <code>tns:ArrayOfAutoshipShipMethod</code> |



## Method: Payment\_TokenizedRequest\_Adyen

### Description

This method will return the parameters needed to build the redirection form for Adyen hosted payment pages. For using this method, a tokenized payment account using Adyen as tokenized payment processor is required to be configured. If the TokenizedPaymentAccountID input parameter is NOT sent, this method will use the entered AutoShip Profile # for assigning the correct tokenized payment account based on the AutoShip territory. Contact ByDesign Support for the correct payment details to use based on the tokenized processor configured in Freedom.

### Input (Literal)

The input of this method is the document element tns:Payment\_TokenizedRequest\_Adyen having the structure defined by the following table.

| Element                       | Type            |
|-------------------------------|-----------------|
| SEQUENCE                      |                 |
| tns:Credentials               | tns:Credentials |
| tns:ProfileID                 | s:int           |
| tns:LocaleID                  | s:int           |
| tns:TokenizedPaymentAccountID | s:int           |

### Output (Literal)


The output of this method is the document element tns:Payment\_TokenizedRequest\_AdyenResponse having the structure defined by the following table.

| Element                                  | Type   |
|--|--|
| SEQUENCE                                 |  |
| tns:Payment_TokenizedRequest_AdyenResult | tns:TokenizedPaymentRequestFormAdyenResponse |

## Method: RemoveItem


### Input (Literal)

The input of this method is the document element `tns:RemoveItem` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:ProfileDetailID</code>   | <code>s:int</code>           |

### Output (Literal)

The output of this method is the document element `tns:RemoveItemResponse` having the structure defined by the following table.

| Element  | Type                             |
|--|----------------------------------|
|  SEQUENCE |                                  |
| <code>tns:RemoveItemResult</code>  | <code>tns:GenericResponse</code> |

## Method: TokenizedPaymentProfile\_VerifyResponse\_Adyen

### Description

This method will verify the integrity of the information being returned, as a result of a zero amount payment request/result of Adyen Hosted Payment Pages for an AutoShip payment profile. This method is used to verify these Payment Result parameters when Adyen redirects the shopper back to the client site. Freedom will use the HMAC algorithm along with the HMAC secret key to calculate the correct signature of the input parameters and will compare the result with MerchantSig input parameter. If those values match, this method will return a success response. If a mismatch is detected in these values, this method will return a HMAC\_VALIDATION\_FAILED message. If the TokenizedPaymentAccountID input parameter is NOT set, this method will use the entered ProfileID for assigning the correct tokenized payment account based on the autoship territory.

### Input (Literal)

The input of this method is the document element `tns:TokenizedPaymentProfile_VerifyResponse_Adyen` having the structure defined by the following table.

| Element         | Type   |
|-----------------|--|
| SEQUENCE        |  |
| tns:Credentials | tns:Credentials  |
| tns:Request     | tns:TokenizedPaymentProfile_VerifyResponse_Adyen_Request |

### Output (Literal)

The output of this method is the document element `tns:TokenizedPaymentProfile_VerifyResponse_AdyenResponse` having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
| SEQUENCE   |                     |
| tns:TokenizedPaymentProfile_VerifyResponse_AdyenResult | tns:GenericResponse |

## Method: TokenizedPaymentProfile\_VerifyResponse\_Adyen\_V2

### Description

This method will verify the integrity of the information being returned, as a result of a zero amount payment request/result of Adyen Hosted Payment Pages for an AutoShip payment profile. This method is used to verify these Payment Result parameters when Adyen redirects the shopper back to the client sit. In this version Freedom will use the HMAC-256 algorithm (TokenizedPaymentProfile\_VerifyResponse\_Adyen method uses HMAC-SHA1) along with the HMAC secret key to calculate the correct signature of the SignatureString input parameter and will compare the result with MerchantSig input parameter. If those values match, this method will return a success response. If a mismatch is detected in these values, this method will return a HMAC\_VALIDATION\_FAILED message. If the TokenizedPaymentAccountID input parameter is NOT set, this method will use the entered ProfileID for assigning the correct tokenized payment account based on the AutoShip Territory.<br/>MerchantSignatureString parameter must follow Adyen's specification which is:  
 <br/>- Remove the following keys, as they are not used in the signature: a) sig b) merchantSig c) Any keys whose name starts with ignore. (dot included). <br/>- Concatenate the key names, first; then, the key values.<br/>- Use a colon (":") to delimit key names and key values.<br/>- Escape embedded "\" characters as "\\", and embedded ":" as "\:".<br/>

### Input (Literal)

The input of this method is the document element tns:TokenizedPaymentProfile\_VerifyResponse\_Adyen\_V2 having the structure defined by the following table.

| Element         | Type  |
|-----------------|---|
| SEQUENCE        |   |
| tns:Credentials | tns:Credentials   |
| tns:Request     | tns:TokenizedPaymentProfile_VerifyResponse_Adyen_V2_Request |

### Output (Literal)


The output of this method is the document element tns:TokenizedPaymentProfile\_VerifyResponse\_Adyen\_V2Response having the structure defined by the following table.

| Element   | Type                |
|---|---------------------|
| SEQUENCE  |                     |
| tns:TokenizedPaymentProfile_VerifyResponse_Adyen_V2Result | tns:GenericResponse |

## Method: UpdateAddress


### Input (Literal)

The input of this method is the document element tns:UpdateAddress having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:Credentials  | tns:Credentials     |
| tns:ProfileID  | s:int               |
| tns:ShipAddress  | tns:AutoshipAddress |

### Output (Literal)


The output of this method is the document element tns:UpdateAddressResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:UpdateAddressResult  | tns:GenericResponse |

## Method: UpdateSchedule


### Input (Literal)

The input of this method is the document element `tns:UpdateSchedule` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:ProfileID</code>   | <code>s:int</code>           |
| <code>tns:PeriodDay</code>   | <code>s:int</code>           |
| <code>tns:PeriodTypeID</code>  | <code>s:int</code>           |
| <code>tns:AutoShipRuleID</code>  | <code>s:int</code>           |
| <code>tns:StartDate</code>   | <code>s:dateTime</code>      |
| <code>tns:StopDate</code>  | <code>s:dateTime</code>      |
| <code>tns:NextShipDate</code>  | <code>s:dateTime</code>      |

### Output (Literal)


The output of this method is the document element `tns:UpdateScheduleResponse` having the structure defined by the following table.

| Element  | Type                             |
|--|----------------------------------|
|  SEQUENCE |                                  |
| <code>tns:UpdateScheduleResult</code>  | <code>tns:GenericResponse</code> |

## Method: UpdateShipMethod


### Input (Literal)

The input of this method is the document element `tns:UpdateShipMethod` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:ProfileID</code>   | <code>s:int</code>           |
| <code>tns:ShipMethodID</code>  | <code>s:int</code>           |

### Output (Literal)

The output of this method is the document element `tns:UpdateShipMethodResponse` having the structure defined by the following table.

| Element  | Type                             |
|--|----------------------------------|
|  SEQUENCE |                                  |
| <code>tns:UpdateShipMethodResult</code>  | <code>tns:GenericResponse</code> |


# Method: Version

## Input (Literal)

The input of this method is the document element tns:Version that is always empty.

## Output (Literal)

The output of this method is the document element tns:VersionResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:VersionResult  | tns:GenericResponse |



## Complex Types: ByDesign AutoshipAPI

### Complex Types

| Name  |
|---|
| tns:AddPaymentProfile_Tokenized_Request                     |
| tns:AdyenBillingAddress                                     |
| tns:AdyenDeliveryAddress                                    |
| tns:AdyenPaymentResultInfo                                  |
| tns:AdyenShopper  |
| tns:ArrayOfAutoshipItemDetail                               |
| tns:ArrayOfAutoshipPeriodType                               |
| tns:ArrayOfAutoshipProfiles                                 |
| tns:ArrayOfAutoshipRule                                     |
| tns:ArrayOfAutoshipShipMethod                               |
| tns:ArrayOfOpenInvoiceLine                                  |
| tns:AutoshipAddress   |
| tns:AutoShipCCProfile                                       |
| tns:AutoshipItemDetail                                      |
| tns:AutoshipPeriodType                                      |
| tns:AutoshipProfiles  |
| tns:AutoshipRule  |
| tns:AutoshipShipMethod                                      |
| tns:Credentials   |
| tns:GenericResponse   |
| tns:OpenInvoiceData   |
| tns:OpenInvoiceLine   |
| tns:PaymentDetails  |
| tns:TokenizedPaymentProfile_VerifyResponse_Adyen_Request    |
| tns:TokenizedPaymentProfile_VerifyResponse_Adyen_V2_Request |
| tns:TokenizedPaymentRequestFormAdyenResponse                |


## Complex Type: tns:AddPaymentProfile\_Tokenized\_Request

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type               |
|--|--------------------|
|  SEQUENCE |                    |
| tns:ProfileID  | s:int              |
| tns:PaymentInfo  | tns:PaymentDetails |
| tns:TokenizedPaymentAccountID  | s:int              |

### Referenced By

- Element tns:Request [element AddPaymentProfile\_Tokenized]


## Complex Type: tns:AdyenBillingAddress

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Street   | s:string |
| tns:HouseNumberOrName  | s:string |
| tns:City   | s:string |
| tns:PostalCode   | s:string |
| tns:StateOrProvince  | s:string |
| tns:Country  | s:string |
| tns:BillingAddressSig  | s:string |
| tns:BillingAddressType   | s:string |

### Referenced By

- Element tns:BillingAddress [type TokenizedPaymentRequestFormAdyenResponse]


## Complex Type: tns:AdyenDeliveryAddress

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Street   | s:string |
| tns:HouseNumberOrName  | s:string |
| tns:City   | s:string |
| tns:PostalCode   | s:string |
| tns:StateOrProvince  | s:string |
| tns:Country  | s:string |
| tns:DeliveryAddressSig   | s:string |
| tns:DeliveryAddressType  | s:string |

### Referenced By

- Element tns:DeliveryAddress [type TokenizedPaymentRequestFormAdyenResponse]


## Complex Type: tns:AdyenPaymentResultInfo

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:MerchantReference  | s:string |
| tns:SkinCode   | s:string |
| tns:ShopperLocale  | s:string |
| tns:PaymentMethod  | s:string |
| tns:AuthResult   | s:string |
| tns:PspReference   | s:string |
| tns:MerchantReturnData   | s:string |
| tns:MerchantSig  | s:string |

### Referenced By

- Element tns:PaymentResultInfo [type TokenizedPaymentProfile\_VerifyResponse\_Adyen\_Request]


## Complex Type: tns:AdyenShopper

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:FirstName  | s:string |
| tns:Infix  | s:string |
| tns:LastName   | s:string |
| tns:Gender   | s:string |
| tns:DateOfBirthDayOfMonth  | s:string |
| tns:DateOfBirthMonth   | s:string |
| tns:DateOfBirthYear  | s:string |
| tns:TelephoneNumber  | s:string |
| tns:ShopperType  | s:string |
| tns:ShopperSig   | s:string |

### Referenced By

- Element tns:Shopper [type TokenizedPaymentRequestFormAdyenResponse]

# Complex Type: tns:ArrayOfAutoshipItemDetail

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component              | Type                   |
|------------------------|------------------------|
| SEQUENCE               |                        |
| tns:AutoshipItemDetail | tns:AutoshipItemDetail |

## Referenced By

- Element tns:GetAutoshipItemsResult [element GetAutoshipItemsResponse]
- Element tns:GetProfileItemDetailsResult [element GetProfileItemDetailsResponse]

# Complex Type: tns:ArrayOfAutoshipPeriodType

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component              | Type                   |
|------------------------|------------------------|
| SEQUENCE               |                        |
| tns:AutoshipPeriodType | tns:AutoshipPeriodType |

## Referenced By

- Element tns:GetPeriodTypesResult [element GetPeriodTypesResponse]



## Complex Type: tns:ArrayOfAutoshipProfiles

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component            | Type                 |
|----------------------|----------------------|
| SEQUENCE             |                      |
| tns:AutoshipProfiles | tns:AutoshipProfiles |

### Referenced By

- Element tns:GetAutoshipProfilesResult [element GetAutoshipProfilesResponse]


# Complex Type: tns:ArrayOfAutoshipRule

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type             |
|--|------------------|
|  SEQUENCE |                  |
| tns:AutoshipRule   | tns:AutoshipRule |

## Referenced By

- Element tns:GetAutoshipRulesResult [element GetAutoshipRulesResponse]

# Complex Type: tns:ArrayOfAutoshipShipMethod

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component              | Type                   |
|------------------------|------------------------|
| SEQUENCE               |                        |
| tns:AutoshipShipMethod | tns:AutoshipShipMethod |

## Referenced By

- Element tns:GetShipMethodsResult [element GetShipMethodsResponse]


# Complex Type: tns:ArrayOfOpenInvoiceLine

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:OpenInvoiceLine  | tns:OpenInvoiceLine |

## Referenced By

- Element tns:ProductLines [type OpenInvoiceData]

# Complex Type: tns:AutoshipAddress

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component      | Type     |
|----------------|----------|
| SEQUENCE       |          |
| tns:Firstname  | s:string |
| tns:Lastname   | s:string |
| tns:Street1    | s:string |
| tns:Street2    | s:string |
| tns:City       | s:string |
| tns:State      | s:string |
| tns:PostalCode | s:string |
| tns:County     | s:string |
| tns:Country    | s:string |
| tns:Phone      | s:string |

## Referenced By

- Element tns:ShipAddress [element CreateCustomerProfile]
- Element tns:ShipAddress [element CreateRepProfile]
- Element tns:ShipAddress [element UpdateAddress]

# Complex Type: tns:AutoShipCCProfile

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component      | Type     |
|----------------|----------|
| SEQUENCE       |          |
| tns:NameOnCard | s:string |
| tns:CardNumber | s:string |
| tns:ExpDate    | s:string |
| tns:Street1    | s:string |
| tns:Street2    | s:string |
| tns:City       | s:string |
| tns:State      | s:string |
| tns:PostalCode | s:string |

## Referenced By

- Element tns:PaymentInfo [element AddPaymentProfile\_CC]

## Complex Type: tns:AutoshipItemDetail

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component           | Type     |
|---------------------|----------|
| SEQUENCE            |          |
| tns:RequestID       | s:int    |
| tns:Success         | s:int    |
| tns:Message         | s:string |
| tns:ProfileDetailID | s:int    |
| tns:ItemNumber      | s:string |
| tns:Description     | s:string |
| tns:Explanation     | s:string |
| tns:LongExplanation | s:string |
| tns:Quantity        | s:int    |
| tns:Price           | s:double |
| tns:Volume          | s:double |
| tns:Volume2         | s:double |
| tns:Volume3         | s:double |
| tns:Volume4         | s:double |
| tns:OtherPrice      | s:double |
| tns:OtherPrice2     | s:double |
| tns:OtherPrice3     | s:double |
| tns:OtherPrice4     | s:double |
| tns:Compare         | s:double |
| tns:SmallImage      | s:string |
| tns:LargeImage      | s:string |
| tns:CategoryID      | s:int    |
| tns:Category        | s:string |
| tns:SubCategory     | s:string |

### Referenced By

- Element tns:AutoshipItemDetail [typeArrayOfAutoshipItemDetail]

# Complex Type: tns:AutoshipPeriodType

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component        | Type     |
|------------------|----------|
| SEQUENCE         |          |
| tns:RequestID    | s:int    |
| tns:Success      | s:int    |
| tns:Message      | s:string |
| tns:PeriodTypeID | s:int    |
| tns:Description  | s:string |
| tns:Explanation  | s:string |

## Referenced By

- Element tns:AutoshipPeriodType [typeArrayOfAutoshipPeriodType]



## Complex Type: tns:AutoshipProfiles

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component                 | Type       |
|---------------------------|------------|
| SEQUENCE                  |            |
| tns:RequestID             | s:int      |
| tns:Success               | s:int      |
| tns:Message               | s:string   |
| tns:ProfileID             | s:int      |
| tns:StartDate             | s:dateTime |
| tns:StopDate              | s:dateTime |
| tns:NextShipDate          | s:dateTime |
| tns:PeriodType            | s:string   |
| tns:PeriodDay             | s:int      |
| tns:ShipName              | s:string   |
| tns:ShipStreet1           | s:string   |
| tns:ShipStreet2           | s:string   |
| tns:ShipCity              | s:string   |
| tns:ShipState             | s:string   |
| tns:ShipPostalCode        | s:string   |
| tns:ShipCounty            | s:string   |
| tns:ShipCountry           | s:string   |
| tns:ShipMethod            | s:string   |
| tns:OverrideShipping      | s:int      |
| tns:OverrideShippingTotal | s:double   |
| tns:PaymentType           | s:string   |
| tns:CurrencyTypeID        | s:int      |
| tns:ShipPhone             | s:string   |
| tns:ShipMethodID          | s:int      |

### Referenced By

- Element tns:AutoshipProfiles [typeArrayOfAutoshipProfiles]
- Element tns:GetProfileDetailsResult [elementGetProfileDetailsResponse]

# Complex Type: tns:AutoshipRule

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component          | Type     |
|--------------------|----------|
| SEQUENCE           |          |
| tns:RequestID      | s:int    |
| tns:Success        | s:int    |
| tns:Message        | s:string |
| tns:AutoshipRuleID | s:int    |
| tns:Description    | s:string |

## Referenced By

- Element tns:AutoshipRule [typeArrayOfAutoshipRule]

# Complex Type: tns:AutoshipShipMethod

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component        | Type     |
|------------------|----------|
| SEQUENCE         |          |
| tns:RequestID    | s:int    |
| tns:Success      | s:int    |
| tns:Message      | s:string |
| tns:ShipMethodID | s:int    |
| tns:Description  | s:string |
| tns:SortOrder    | s:int    |

## Referenced By

- Element tns:AutoshipShipMethod [typeArrayOfAutoshipShipMethod]

## Complex Type: tns:Credentials

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

### Referenced By

- Element tns:Credentials [element AddItem]
- Element tns:Credentials [element AddPaymentProfile\_CC]
- Element tns:Credentials [element AddPaymentProfile\_Tokenized]
- Element tns:Credentials [element CancelProfile]
- Element tns:Credentials [element CreateCustomerProfile]
- Element tns:Credentials [element CreateRepProfile]
- Element tns:Credentials [element GetAutoshipItems]
- Element tns:Credentials [element GetAutoshipProfiles]
- Element tns:Credentials [element GetAutoshipRules]
- Element tns:Credentials [element GetPeriodTypes]
- Element tns:Credentials [element GetProfileDetails]
- Element tns:Credentials [element GetProfileItemDetails]
- Element tns:Credentials [element GetShipMethods]
- Element tns:Credentials [element Payment\_TokenizedRequest\_Adyen]
- Element tns:Credentials [element RemoveItem]
- Element tns:Credentials [element TokenizedPaymentProfile\_VerifyResponse\_Adyen]
- Element tns:Credentials [element TokenizedPaymentProfile\_VerifyResponse\_Adyen\_V2]
- Element tns:Credentials [element UpdateAddress]
- Element tns:Credentials [element UpdateSchedule]
- Element tns:Credentials [element UpdateShipMethod]

## Complex Type: tns:GenericResponse

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

### Referenced By

- Element tns:AddItemResult [element AddItemResponse]
- Element tns:AddPaymentProfile\_CCResult [element AddPaymentProfile\_CCResponse]
- Element tns:AddPaymentProfile\_TokenizedResult [element AddPaymentProfile\_TokenizedResponse]
- Element tns:CancelProfileResult [element CancelProfileResponse]
- Element tns:CreateCustomerProfileResult [element CreateCustomerProfileResponse]
- Element tns:CreateRepProfileResult [element CreateRepProfileResponse]
- Element tns:RemoveItemResult [element RemoveItemResponse]
- Element tns:TokenizedPaymentProfile\_VerifyResponse\_Adyen\_V2Result [element TokenizedPaymentProfile\_VerifyResponse\_Adyen\_V2Response]
- Element tns:TokenizedPaymentProfile\_VerifyResponse\_AdyenResult [element TokenizedPaymentProfile\_VerifyResponse\_AdyenResponse]
- Element tns:UpdateAddressResult [element UpdateAddressResponse]
- Element tns:UpdateScheduleResult [element UpdateScheduleResponse]
- Element tns:UpdateShipMethodResult [element UpdateShipMethodResponse]
- Element tns:VersionResult [element VersionResponse]
- Complex Type tns:AutoshipItemDetail
- Complex Type tns:AutoshipPeriodType
- Complex Type tns:AutoshipProfiles
- Complex Type tns:AutoshipRule
- Complex Type tns:AutoshipShipMethod
- Complex Type tns:TokenizedPaymentRequestFormAdyenResponse


## Complex Type: tns:OpenInvoiceData

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                       |
|--|----------------------------|
|  SEQUENCE |                            |
| tns:NumberOfLines  | s:string                   |
| tns:RefundDescription  | s:string                   |
| tns:ProductLines   | tns:ArrayOfOpenInvoiceLine |
| tns:MerchantData   | s:string                   |
| tns:Sig  | s:string                   |

### Referenced By

- Element tns:OpenInvoiceData [type TokenizedPaymentRequestFormAdyenResponse]


## Complex Type: tns:OpenInvoiceLine

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:LineReference  | s:string |
| tns:CurrencyCode   | s:string |
| tns:Description  | s:string |
| tns:ItemAmount   | s:string |
| tns:ItemVatAmount  | s:string |
| tns:NumberOfItems  | s:string |
| tns:VatCategory  | s:string |

### Referenced By

- Element tns:OpenInvoiceLine [type ArrayOfOpenInvoiceLine]


## Complex Type: tns:PaymentDetails

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Detail1  | s:string |
| tns:Detail2  | s:string |
| tns:Detail3  | s:string |
| tns:Detail4  | s:string |
| tns:Detail5  | s:string |
| tns:Detail6  | s:string |
| tns:Detail7  | s:string |
| tns:Detail8  | s:string |
| tns:Detail9  | s:string |
| tns:Detail10   | s:string |
| tns:Detail11   | s:string |
| tns:Detail12   | s:string |
| tns:Detail13   | s:string |
| tns:Detail14   | s:string |
| tns:Detail15   | s:string |
| tns:Detail16   | s:string |
| tns:Detail17   | s:string |
| tns:Detail18   | s:string |
| tns:Detail19   | s:string |

### Referenced By

- Element tns:PaymentInfo [type AddPaymentProfile\_Tokenized\_Request]



## Complex Type: **tns:TokenizedPaymentProfile\_VerifyResponse\_Adyen\_Request**

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component                     | Type                       |
|-------------------------------|----------------------------|
| SEQUENCE                      |                            |
| tns:ProfileID                 | s:int                      |
| tns:PaymentResultInfo         | tns:AdyenPaymentResultInfo |
| tns:TokenizedPaymentAccountID | s:int                      |

### Referenced By

- Element tns:Request [element TokenizedPaymentProfile\_VerifyResponse\_Adyen]

## Complex Type:

### **tns:TokenizedPaymentProfile\_VerifyResponse\_Adyen\_V2\_Request**

#### Derived By

Restricting s:anyType

#### Content Model

Contains elements as defined in the following table.

| Component                     | Type     |
|-------------------------------|----------|
| SEQUENCE                      |          |
| tns:ProfileID                 | s:int    |
| tns:MerchantSignatureString   | s:string |
| tns:MerchantSig               | s:string |
| tns:TokenizedPaymentAccountID | s:int    |

#### Referenced By

- Element tns:Request [element TokenizedPaymentProfile\_VerifyResponse\_Adyen\_V2]

## Complex Type: tns:TokenizedPaymentRequestFormAdyenResponse

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component               | Type                     |
|-------------------------|--------------------------|
| SEQUENCE                |                          |
| tns:RequestID           | s:int                    |
| tns:Success             | s:int                    |
| tns:Message             | s:string                 |
| tns:MerchantReference   | s:string                 |
| tns:PaymentAmount       | s:string                 |
| tns:CurrencyCode        | s:string                 |
| tns:ShipBeforeDate      | s:string                 |
| tns:SkinCode            | s:string                 |
| tns:MerchantAccount     | s:string                 |
| tns:ShopperLocale       | s:string                 |
| tns:OrderData           | s:string                 |
| tns:SessionValidity     | s:string                 |
| tns:MerchantSig         | s:string                 |
| tns:CountryCode         | s:string                 |
| tns:ShopperEmail        | s:string                 |
| tns:ShopperReference    | s:string                 |
| tns:RecurringContract   | s:string                 |
| tns:RecurringDetailName | s:string                 |
| tns:MerchantReturnData  | s:string                 |
| tns:Shopper             | tns:AdyenShopper         |
| tns:BillingAddress      | tns:AdyenBillingAddress  |
| tns:DeliveryAddress     | tns:AdyenDeliveryAddress |
| tns:OpenInvoiceData     | tns:OpenInvoiceData      |

### Referenced By

- Element tns:Payment\_TokenizedRequest\_AdyenResult [element Payment\_TokenizedRequest\_AdyenResponse]

## Elements: ByDesign AutoshipAPI

### Elements

| Name  |
|---|
| tns:AddItem   |
| tns:AddItemResponse   |
| tns:AddItemResult [element AddItemResponse]   |
| tns:AddPaymentProfile_CC  |
| tns:AddPaymentProfile_CCResponse  |
| tns:AddPaymentProfile_CCResult [element AddPaymentProfile_CCResponse]               |
| tns:AddPaymentProfile_Tokenized   |
| tns:AddPaymentProfile_TokenizedResponse   |
| tns:AddPaymentProfile_TokenizedResult [element AddPaymentProfile_TokenizedResponse] |
| tns:AuthResult [type AdyenPaymentResultInfo]  |
| tns:AutoshipItemDetail [type ArrayOfAutoshipItemDetail]                             |
| tns:AutoshipPeriodType [type ArrayOfAutoshipPeriodType]                             |
| tns:AutoshipProfiles [type ArrayOfAutoshipProfiles]                                 |
| tns:AutoshipRule [type ArrayOfAutoshipRule]   |
| tns:AutoShipRuleID [element CreateCustomerProfile]                                  |
| tns:AutoShipRuleID [element CreateRepProfile]                                       |
| tns:AutoShipRuleID [element UpdateSchedule]   |
| tns:AutoshipRuleID [type AutoshipRule]  |
| tns:AutoshipShipMethod [type ArrayOfAutoshipShipMethod]                             |
| tns:BCNumber [element CreateRepProfile]   |
| tns:BillingAddress [type TokenizedPaymentRequestFormAdyenResponse]                  |
| tns:BillingAddressSig [type AdyenBillingAddress]                                    |
| tns:BillingAddressType [type AdyenBillingAddress]                                   |
| tns:CancelProfile   |
| tns:CancelProfileResponse   |
| tns:CancelProfileResult [element CancelProfileResponse]                             |
| tns:CardNumber [type AutoShipCCProfile]   |
| tns:Category [type AutoshipItemDetail]  |
| tns:CategoryID [type AutoshipItemDetail]  |
| tns:City [type AdyenBillingAddress]   |
| tns:City [type AdyenDeliveryAddress]  |
| tns:City [type AutoshipAddress]   |
| tns:City [type AutoShipCCProfile]   |
| tns:Compare [type AutoshipItemDetail]   |

| Name  |
|---|
| tns:Country [type AdyenBillingAddress]                                    |
| tns:Country [type AdyenDeliveryAddress]                                   |
| tns:Country [type AutoshipAddress]  |
| tns:CountryCode [type TokenizedPaymentRequestFormAdyenResponse]           |
| tns:County [type AutoshipAddress]   |
| tns:CreateCustomerProfile   |
| tns:CreateCustomerProfileResponse   |
| tns:CreateCustomerProfileResult [element CreateCustomerProfileResponse]   |
| tns:CreateRepProfile  |
| tns:CreateRepProfileResponse  |
| tns:CreateRepProfileResult [element CreateRepProfileResponse]             |
| tns:Credentials [element AddItem]   |
| tns:Credentials [element AddPaymentProfile_CC]                            |
| tns:Credentials [element AddPaymentProfile_Tokenized]                     |
| tns:Credentials [element CancelProfile]                                   |
| tns:Credentials [element CreateCustomerProfile]                           |
| tns:Credentials [element CreateRepProfile]                                |
| tns:Credentials [element GetAutoshipItems]                                |
| tns:Credentials [element GetAutoshipProfiles]                             |
| tns:Credentials [element GetAutoshipRules]                                |
| tns:Credentials [element GetPeriodTypes]                                  |
| tns:Credentials [element GetProfileDetails]                               |
| tns:Credentials [element GetProfileItemDetails]                           |
| tns:Credentials [element GetShipMethods]                                  |
| tns:Credentials [element Payment_TokenizedRequest_Adyen]                  |
| tns:Credentials [element RemoveItem]                                      |
| tns:Credentials [element TokenizedPaymentProfile_VerifyResponse_Adyen]    |
| tns:Credentials [element TokenizedPaymentProfile_VerifyResponse_Adyen_V2] |
| tns:Credentials [element UpdateAddress]                                   |
| tns:Credentials [element UpdateSchedule]                                  |
| tns:Credentials [element UpdateShipMethod]                                |
| tns:CurrencyCode [type OpenInvoiceLine]                                   |
| tns:CurrencyCode [type TokenizedPaymentRequestFormAdyenResponse]          |
| tns:CurrencyTypeID [type AutoshipProfiles]                                |
| tns:CustomerNumber [element CreateCustomerProfile]                        |
| tns:CustomerNumber [element GetAutoshipItems]                             |
| tns:CustomerNumber [element GetAutoshipProfiles]                          |

**Elements**

| <b>Name</b>   |
|---|
| tns:DateOfBirthDayOfMonth [type AdyenShopper]                       |
| tns:DateOfBirthMonth [type AdyenShopper]                            |
| tns:DateOfBirthYear [type AdyenShopper]                             |
| tns:DeliveryAddress [type TokenizedPaymentRequestFormAdyenResponse] |
| tns:DeliveryAddressSig [type AdyenDeliveryAddress]                  |
| tns:DeliveryAddressType [type AdyenDeliveryAddress]                 |
| tns:Description [type AutoshipItemDetail]                           |
| tns:Description [type AutoshipPeriodType]                           |
| tns:Description [type AutoshipRule]                                 |
| tns:Description [type AutoshipShipMethod]                           |
| tns:Description [type OpenInvoiceLine]                              |
| tns:Detail1 [type PaymentDetails]                                   |
| tns:Detail10 [type PaymentDetails]                                  |
| tns:Detail11 [type PaymentDetails]                                  |
| tns:Detail12 [type PaymentDetails]                                  |
| tns:Detail13 [type PaymentDetails]                                  |
| tns:Detail14 [type PaymentDetails]                                  |
| tns:Detail15 [type PaymentDetails]                                  |
| tns:Detail16 [type PaymentDetails]                                  |
| tns:Detail17 [type PaymentDetails]                                  |
| tns:Detail18 [type PaymentDetails]                                  |
| tns:Detail19 [type PaymentDetails]                                  |
| tns:Detail2 [type PaymentDetails]                                   |
| tns:Detail3 [type PaymentDetails]                                   |
| tns:Detail4 [type PaymentDetails]                                   |
| tns:Detail5 [type PaymentDetails]                                   |
| tns:Detail6 [type PaymentDetails]                                   |
| tns:Detail7 [type PaymentDetails]                                   |
| tns:Detail8 [type PaymentDetails]                                   |
| tns:Detail9 [type PaymentDetails]                                   |
| tns:ExpDate [type AutoShipCCProfile]                                |
| tns:Explanation [type AutoshipItemDetail]                           |
| tns:Explanation [type AutoshipPeriodType]                           |
| tns:FirstName [type AdyenShopper]                                   |
| tns:Firstname [type AutoshipAddress]                                |

| Name  |
|---|
| tns:Gender [type AdyenShopper]  |
| tns:GetAutoshipItems  |
| tns:GetAutoshipItemsResponse  |
| tns:GetAutoshipItemsResult [element GetAutoshipItemsResponse]           |
| tns:GetAutoshipProfiles   |
| tns:GetAutoshipProfilesResponse   |
| tns:GetAutoshipProfilesResult [element GetAutoshipProfilesResponse]     |
| tns:GetAutoshipRules  |
| tns:GetAutoshipRulesResponse  |
| tns:GetAutoshipRulesResult [element GetAutoshipRulesResponse]           |
| tns:GetPeriodTypes  |
| tns:GetPeriodTypesResponse  |
| tns:GetPeriodTypesResult [element GetPeriodTypesResponse]               |
| tns:GetProfileDetails   |
| tns:GetProfileDetailsResponse   |
| tns:GetProfileDetailsResult [element GetProfileDetailsResponse]         |
| tns:GetProfileItemDetails   |
| tns:GetProfileItemDetailsResponse                                       |
| tns:GetProfileItemDetailsResult [element GetProfileItemDetailsResponse] |
| tns:GetShipMethods  |
| tns:GetShipMethodsResponse  |
| tns:GetShipMethodsResult [element GetShipMethodsResponse]               |
| tns:HouseNumberOrName [type AdyenBillingAddress]                        |
| tns:HouseNumberOrName [type AdyenDeliveryAddress]                       |
| tns:Infix [type AdyenShopper]   |
| tns:ItemAmount [type OpenInvoiceLine]                                   |
| tns:ItemNumber [element AddItem]  |
| tns:ItemNumber [type AutoshipItemDetail]                                |
| tns:ItemVatAmount [type OpenInvoiceLine]                                |
| tns:LargeImage [type AutoshipItemDetail]                                |
| tns:LastName [type AdyenShopper]  |
| tns:Lastname [type AutoshipAddress]                                     |
| tns:LineReference [type OpenInvoiceLine]                                |
| tns:LocaleID [element Payment_TokenizedRequest_Adyen]                   |
| tns:LongExplanation [type AutoshipItemDetail]                           |
| tns:MerchantAccount [type TokenizedPaymentRequestFormAdyenResponse]     |
| tns:MerchantData [type OpenInvoiceData]                                 |

## Elements

| Name   |
|--|
| tns:MerchantReference [type AdyenPaymentResultInfo]  |
| tns:MerchantReference [type TokenizedPaymentRequestFormAdyenResponse]                      |
| tns:MerchantReturnData [type AdyenPaymentResultInfo]                                       |
| tns:MerchantReturnData [type TokenizedPaymentRequestFormAdyenResponse]                     |
| tns:MerchantSig [type AdyenPaymentResultInfo]  |
| tns:MerchantSig [type TokenizedPaymentProfile_VerifyResponse_Adyen_V2_Request]             |
| tns:MerchantSig [type TokenizedPaymentRequestFormAdyenResponse]                            |
| tns:MerchantSignatureString [type TokenizedPaymentProfile_VerifyResponse_Adyen_V2_Request] |
| tns:Message [type GenericResponse]   |
| tns:NameOnCard [type AutoShipCCProfile]  |
| tns:NextShipDate [element UpdateSchedule]  |
| tns:NextShipDate [type AutoshipProfiles]   |
| tns:NumberOfItems [type OpenInvoiceLine]   |
| tns:NumberOfLines [type OpenInvoiceData]   |
| tns:OpenInvoiceData [type TokenizedPaymentRequestFormAdyenResponse]                        |
| tns:OpenInvoiceLine [type ArrayOfOpenInvoiceLine]  |
| tns:OrderData [type TokenizedPaymentRequestFormAdyenResponse]                              |
| tns:OtherPrice [type AutoshipItemDetail]   |
| tns:OtherPrice2 [type AutoshipItemDetail]  |
| tns:OtherPrice3 [type AutoshipItemDetail]  |
| tns:OtherPrice4 [type AutoshipItemDetail]  |
| tns:OverrideShipping [element CreateCustomerProfile]                                       |
| tns:OverrideShipping [element CreateRepProfile]  |
| tns:OverrideShipping [type AutoshipProfiles]   |
| tns:OverrideShippingTotal [type AutoshipProfiles]  |
| tns>Password [type Credentials]  |
| tns:Payment_TokenizedRequest_Adyen   |
| tns:Payment_TokenizedRequest_AdyenResponse   |
| tns:Payment_TokenizedRequest_AdyenResult [element Payment_TokenizedRequest_AdyenResponse]  |
| tns:PaymentAmount [type TokenizedPaymentRequestFormAdyenResponse]                          |
| tns:PaymentInfo [element AddPaymentProfile_CC]   |
| tns:PaymentInfo [type AddPaymentProfile_Tokenized_Request]                                 |
| tns:PaymentMethod [type AdyenPaymentResultInfo]  |
| tns:PaymentResultInfo [type TokenizedPaymentProfile_VerifyResponse_Adyen_Request]          |
| tns:PaymentType [type AutoshipProfiles]  |



| Name   |
|--|
| tns:PeriodDay [element CreateCustomerProfile]                                |
| tns:PeriodDay [element CreateRepProfile]                                     |
| tns:PeriodDay [element UpdateSchedule]                                       |
| tns:PeriodDay [type AutoshipProfiles]  |
| tns:PeriodType [type AutoshipProfiles]                                       |
| tns:PeriodTypeID [element CreateCustomerProfile]                             |
| tns:PeriodTypeID [element CreateRepProfile]                                  |
| tns:PeriodTypeID [element UpdateSchedule]                                    |
| tns:PeriodTypeID [type AutoshipPeriodType]                                   |
| tns:Phone [type AutoshipAddress]   |
| tns:PostalCode [type AdyenBillingAddress]                                    |
| tns:PostalCode [type AdyenDeliveryAddress]                                   |
| tns:PostalCode [type AutoshipAddress]  |
| tns:PostalCode [type AutoShipCCProfile]                                      |
| tns:Price [type AutoshipItemDetail]  |
| tns:ProductLines [type OpenInvoiceData]                                      |
| tns:ProfileDetailID [element RemoveItem]                                     |
| tns:ProfileDetailID [type AutoshipItemDetail]                                |
| tns:ProfileID [element AddItem]  |
| tns:ProfileID [element AddPaymentProfile_CC]                                 |
| tns:ProfileID [element CancelProfile]  |
| tns:ProfileID [element GetAutoshipItems]                                     |
| tns:ProfileID [element GetProfileDetails]                                    |
| tns:ProfileID [element GetProfileItemDetails]                                |
| tns:ProfileID [element Payment_TokenizedRequest_Adyen]                       |
| tns:ProfileID [element UpdateAddress]  |
| tns:ProfileID [element UpdateSchedule]                                       |
| tns:ProfileID [element UpdateShipMethod]                                     |
| tns:ProfileID [type AddPaymentProfile_Tokenized_Request]                     |
| tns:ProfileID [type AutoshipProfiles]  |
| tns:ProfileID [type TokenizedPaymentProfile_VerifyResponse_Adyen_Request]    |
| tns:ProfileID [type TokenizedPaymentProfile_VerifyResponse_Adyen_V2_Request] |
| tns:PspReference [type AdyenPaymentResultInfo]                               |
| tns:Quantity [element AddItem]   |
| tns:Quantity [type AutoshipItemDetail]                                       |
| tns:RecurringContract [type TokenizedPaymentRequestFormAdyenResponse]        |
| tns:RecurringDetailName [type TokenizedPaymentRequestFormAdyenResponse]      |

**Elements**

| Name  |
|---|
| tns:RefundDescription [type OpenInvoiceData]                          |
| tns:RemoveItem  |
| tns:RemoveItemResponse  |
| tns:RemoveItemResult [element RemoveItemResponse]                     |
| tns:RepNumber [element CreateRepProfile]                              |
| tns:RepNumber [element GetAutoshipItems]                              |
| tns:RepNumber [element GetAutoshipProfiles]                           |
| tns:RepOrCustomer [element GetShipMethods]                            |
| tns:Request [element AddPaymentProfile_Tokenized]                     |
| tns:Request [element TokenizedPaymentProfile_VerifyResponse_Adyen]    |
| tns:Request [element TokenizedPaymentProfile_VerifyResponse_Adyen_V2] |
| tns:RequestID [type GenericResponse]                                  |
| tns:SessionValidity [type TokenizedPaymentRequestFormAdyenResponse]   |
| tns:ShipAddress [element CreateCustomerProfile]                       |
| tns:ShipAddress [element CreateRepProfile]                            |
| tns:ShipAddress [element UpdateAddress]                               |
| tns:ShipBeforeDate [type TokenizedPaymentRequestFormAdyenResponse]    |
| tns:ShipCity [type AutoshipProfiles]                                  |
| tns:ShipCountry [element GetShipMethods]                              |
| tns:ShipCountry [type AutoshipProfiles]                               |
| tns:ShipCounty [type AutoshipProfiles]                                |
| tns:ShipMethod [type AutoshipProfiles]                                |
| tns:ShipMethodID [element CreateCustomerProfile]                      |
| tns:ShipMethodID [element CreateRepProfile]                           |
| tns:ShipMethodID [element UpdateShipMethod]                           |
| tns:ShipMethodID [type AutoshipProfiles]                              |
| tns:ShipMethodID [type AutoshipShipMethod]                            |
| tns:ShipName [type AutoshipProfiles]                                  |
| tns:ShipPhone [type AutoshipProfiles]                                 |
| tns:ShippingTotal [element CreateCustomerProfile]                     |
| tns:ShippingTotal [element CreateRepProfile]                          |
| tns:ShipPostalCode [type AutoshipProfiles]                            |
| tns:ShipState [element GetShipMethods]                                |
| tns:ShipState [type AutoshipProfiles]                                 |
| tns:ShipStreet1 [type AutoshipProfiles]                               |

| Name   |
|--|
| tns:ShipStreet2 [type AutoshipProfiles]                                  |
| tns:Shopper [type TokenizedPaymentRequestFormAdyenResponse]              |
| tns:ShopperEmail [type TokenizedPaymentRequestFormAdyenResponse]         |
| tns:ShopperLocale [type AdyenPaymentResultInfo]                          |
| tns:ShopperLocale [type TokenizedPaymentRequestFormAdyenResponse]        |
| tns:ShopperReference [type TokenizedPaymentRequestFormAdyenResponse]     |
| tns:ShopperSig [type AdyenShopper]                                       |
| tns:ShopperType [type AdyenShopper]                                      |
| tns:Sig [type OpenInvoiceData]   |
| tns:SkinCode [type AdyenPaymentResultInfo]                               |
| tns:SkinCode [type TokenizedPaymentRequestFormAdyenResponse]             |
| tns:SmallImage [type AutoshipItemDetail]                                 |
| tns:SortOrder [type AutoshipShipMethod]                                  |
| tns:StartDate [element CreateCustomerProfile]                            |
| tns:StartDate [element CreateRepProfile]                                 |
| tns:StartDate [element UpdateSchedule]                                   |
| tns:StartDate [type AutoshipProfiles]                                    |
| tns:State [type AutoshipAddress]   |
| tns:State [type AutoShipCCProfile]                                       |
| tns:StateOrProvince [type AdyenBillingAddress]                           |
| tns:StateOrProvince [type AdyenDeliveryAddress]                          |
| tns:StopDate [element CreateCustomerProfile]                             |
| tns:StopDate [element CreateRepProfile]                                  |
| tns:StopDate [element UpdateSchedule]                                    |
| tns:StopDate [type AutoshipProfiles]                                     |
| tns:Street [type AdyenBillingAddress]                                    |
| tns:Street [type AdyenDeliveryAddress]                                   |
| tns:Street1 [type AutoshipAddress]                                       |
| tns:Street1 [type AutoShipCCProfile]                                     |
| tns:Street2 [type AutoshipAddress]                                       |
| tns:Street2 [type AutoShipCCProfile]                                     |
| tns:SubCategory [type AutoshipItemDetail]                                |
| tns:Success [type GenericResponse]                                       |
| tns:TelephoneNumber [type AdyenShopper]                                  |
| tns:Token [type Credentials]   |
| tns:TokenizedPaymentAccountID [element Payment_TokenizedRequest_Adyen]   |
| tns:TokenizedPaymentAccountID [type AddPaymentProfile_Tokenized_Request] |

**Elements**

| <b>Name</b>   |
|---|
| tns:TokenizedPaymentAccountID [type TokenizedPaymentProfile_VerifyResponse_Adyen_Request]                                   |
| tns:TokenizedPaymentAccountID [type TokenizedPaymentProfile_VerifyResponse_Adyen_V2_Request]                                |
| tns:TokenizedPaymentProfile_VerifyResponse_Adyen  |
| tns:TokenizedPaymentProfile_VerifyResponse_Adyen_V2   |
| tns:TokenizedPaymentProfile_VerifyResponse_Adyen_V2Response   |
| tns:TokenizedPaymentProfile_VerifyResponse_Adyen_V2Result [element TokenizedPaymentProfile_VerifyResponse_Adyen_V2Response] |
| tns:TokenizedPaymentProfile_VerifyResponse_AdyenResponse  |
| tns:TokenizedPaymentProfile_VerifyResponse_AdyenResult [element TokenizedPaymentProfile_VerifyResponse_AdyenResponse]       |
| tns:UpdateAddress   |
| tns:UpdateAddressResponse   |
| tns:UpdateAddressResult [element UpdateAddressResponse]   |
| tns:UpdateSchedule  |
| tns:UpdateScheduleResponse  |
| tns:UpdateScheduleResult [element UpdateScheduleResponse]   |
| tns:UpdateShipMethod  |
| tns:UpdateShipMethodResponse  |
| tns:UpdateShipMethodResult [element UpdateShipMethodResponse]   |
| tns:Username [type Credentials]   |
| tns:VatCategory [type OpenInvoiceLine]  |
| tns:Version   |
| tns:VersionResponse   |
| tns:VersionResult [element VersionResponse]   |
| tns:Volume [type AutoshipItemDetail]  |
| tns:Volume2 [type AutoshipItemDetail]   |
| tns:Volume3 [type AutoshipItemDetail]   |
| tns:Volume4 [type AutoshipItemDetail]   |

# Element: tns:AddItem

## Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:ProfileID   | s:int           |
| tns:ItemNumber  | s:string        |
| tns:Quantity    | s:int           |

# Element: tns:AddItemResponse

## Content Model

Contains elements as defined in the following table.

| Component         | Type                |
|-------------------|---------------------|
| SEQUENCE          |                     |
| tns:AddItemResult | tns:GenericResponse |

## Element: tns:AddItemResult [element AddItemResponse]

### Content Model

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

**Element: tns:AddPaymentProfile\_CC**

**Content Model**

Contains elements as defined in the following table.

| Component       | Type                  |
|-----------------|-----------------------|
| SEQUENCE        |                       |
| tns:Credentials | tns:Credentials       |
| tns:ProfileID   | s:int                 |
| tns:PaymentInfo | tns:AutoShipCCProfile |



## Element: tns:AddPaymentProfile\_CCResponse


### Content Model

Contains elements as defined in the following table.

| Component                      | Type                |
|--------------------------------|---------------------|
| SEQUENCE                       |                     |
| tns:AddPaymentProfile_CCResult | tns:GenericResponse |

**Element: tns:AddPaymentProfile\_CCResult [element AddPaymentProfile\_CCResponse]****Content Model**

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |

**Element: tns:AddPaymentProfile\_Tokenized**

**Content Model**

Contains elements as defined in the following table.

| Component       | Type                                    |
|-----------------|---|
| SEQUENCE        |   |
| tns:Credentials | tns:Credentials                         |
| tns:Request     | tns:AddPaymentProfile_Tokenized_Request |

**Element: tns:AddPaymentProfile\_TokenizedResponse**


**Content Model**

Contains elements as defined in the following table.

| Component                             | Type                |
|---------------------------------------|---------------------|
| SEQUENCE                              |                     |
| tns:AddPaymentProfile_TokenizedResult | tns:GenericResponse |

**Element: tns:AddPaymentProfile\_TokenizedResult [element AddPaymentProfile\_TokenizedResponse]****Content Model**

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |

**Element: tns:AuthResult [type AdyenPaymentResultInfo]**

## Element: tns:AutoshipItemDetail [typeArrayOfAutoshipItemDetail]

### Content Model

Contains elements as defined in the following table.

| Component           | Type     |
|---------------------|----------|
| SEQUENCE            |          |
| tns:RequestID       | s:int    |
| tns:Success         | s:int    |
| tns:Message         | s:string |
| tns:ProfileDetailID | s:int    |
| tns:ItemNumber      | s:string |
| tns:Description     | s:string |
| tns:Explanation     | s:string |
| tns:LongExplanation | s:string |
| tns:Quantity        | s:int    |
| tns:Price           | s:double |
| tns:Volume          | s:double |
| tns:Volume2         | s:double |
| tns:Volume3         | s:double |
| tns:Volume4         | s:double |
| tns:OtherPrice      | s:double |
| tns:OtherPrice2     | s:double |
| tns:OtherPrice3     | s:double |
| tns:OtherPrice4     | s:double |
| tns:Compare         | s:double |
| tns:SmallImage      | s:string |
| tns:LargeImage      | s:string |
| tns:CategoryID      | s:int    |
| tns:Category        | s:string |
| tns:SubCategory     | s:string |

**Element: tns:AutoshipPeriodType [typeArrayOfAutoshipPeriodType]**

**Content Model**

Contains elements as defined in the following table.

| Component        | Type     |
|------------------|----------|
| SEQUENCE         |          |
| tns:RequestID    | s:int    |
| tns:Success      | s:int    |
| tns:Message      | s:string |
| tns:PeriodTypeID | s:int    |
| tns:Description  | s:string |
| tns:Explanation  | s:string |



## Element: tns:AutoshipProfiles [typeArrayOfAutoshipProfiles]

### Content Model

Contains elements as defined in the following table.

| Component                 | Type       |
|---------------------------|------------|
| SEQUENCE                  |            |
| tns:RequestID             | s:int      |
| tns:Success               | s:int      |
| tns:Message               | s:string   |
| tns:ProfileID             | s:int      |
| tns:StartDate             | s:dateTime |
| tns:StopDate              | s:dateTime |
| tns:NextShipDate          | s:dateTime |
| tns:PeriodType            | s:string   |
| tns:PeriodDay             | s:int      |
| tns:ShipName              | s:string   |
| tns:ShipStreet1           | s:string   |
| tns:ShipStreet2           | s:string   |
| tns:ShipCity              | s:string   |
| tns:ShipState             | s:string   |
| tns:ShipPostalCode        | s:string   |
| tns:ShipCounty            | s:string   |
| tns:ShipCountry           | s:string   |
| tns:ShipMethod            | s:string   |
| tns:OverrideShipping      | s:int      |
| tns:OverrideShippingTotal | s:double   |
| tns:PaymentType           | s:string   |
| tns:CurrencyTypeID        | s:int      |
| tns:ShipPhone             | s:string   |
| tns:ShipMethodID          | s:int      |

**Element: tns:AutoshipRule [typeArrayOfAutoshipRule]**

**Content Model**

Contains elements as defined in the following table.

| Component          | Type     |
|--------------------|----------|
| SEQUENCE           |          |
| tns:RequestID      | s:int    |
| tns:Success        | s:int    |
| tns:Message        | s:string |
| tns:AutoshipRuleID | s:int    |
| tns:Description    | s:string |

**Element: tns:AutoShipRuleID [element CreateCustomerProfile]**

**Element: tns:AutoShipRuleID [element CreateRepProfile]**

**Element: tns:AutoShipRuleID [element UpdateSchedule]**

**Element: tns:AutoshipRuleID [type AutoshipRule]**

**Element: tns:AutoshipShipMethod [typeArrayOfAutoshipShipMethod]**

**Content Model**

Contains elements as defined in the following table.

| Component        | Type     |
|------------------|----------|
| SEQUENCE         |          |
| tns:RequestID    | s:int    |
| tns:Success      | s:int    |
| tns:Message      | s:string |
| tns:ShipMethodID | s:int    |
| tns:Description  | s:string |
| tns:SortOrder    | s:int    |

**Element: tns:BCNumber [element CreateRepProfile]**



**Element: tns:BillingAddress [type  
TokenizedPaymentRequestFormAdyenResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component              | Type     |
|------------------------|----------|
| SEQUENCE               |          |
| tns:Street             | s:string |
| tns:HouseNumberOrName  | s:string |
| tns:City               | s:string |
| tns:PostalCode         | s:string |
| tns:StateOrProvince    | s:string |
| tns:Country            | s:string |
| tns:BillingAddressSig  | s:string |
| tns:BillingAddressType | s:string |

**Element: tns:BillingAddressSig [type AdyenBillingAddress]**

**Element: tns:BillingAddressType [type AdyenBillingAddress]**

**Element: tns:CancelProfile**

**Content Model**

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:ProfileID   | s:int           |

**Element: tns:CancelProfileResponse**

**Content Model**

Contains elements as defined in the following table.

| Component               | Type                |
|-------------------------|---------------------|
| SEQUENCE                |                     |
| tns:CancelProfileResult | tns:GenericResponse |

**Element: tns:CancelProfileResult [element CancelProfileResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

**Element: tns:CardNumber [type AutoShipCCProfile]**

**Element: tns:Category [type AutoshipItemDetail]**



**Element: tns:CategoryID [type AutoshipItemDetail]**

**Element: tns:City [type AdyenBillingAddress]**

**Element: tns:City [type AdyenDeliveryAddress]**

**Element: tns:City [type AutoShipAddress]**

**Element: tns:City [type AutoShipCCProfile]**

**Element: tns:Compare [type AutoshipItemDetail]**

**Element: tns:Country [type AdyenBillingAddress]**

**Element: tns:Country [type AdyenDeliveryAddress]**



**Element: tns:Country [type AutoShipAddress]**

**Element: tns:CountryCode [type  
TokenizedPaymentRequestFormAdyenResponse]**

**Element: tns:County [type AutoShipAddress]**

# Element: tns:CreateCustomerProfile

## Content Model

Contains elements as defined in the following table.

| Component            | Type                |
|----------------------|---------------------|
| SEQUENCE             |                     |
| tns:Credentials      | tns:Credentials     |
| tns:CustomerNumber   | s:string            |
| tns:ShipAddress      | tns:AutoshipAddress |
| tns:StartDate        | s:dateTime          |
| tns:StopDate         | s:dateTime          |
| tns:PeriodTypeID     | s:int               |
| tns:PeriodDay        | s:int               |
| tns:ShipMethodID     | s:int               |
| tns:AutoShipRuleID   | s:int               |
| tns:OverrideShipping | s:int               |
| tns:ShippingTotal    | s:double            |

**Element: tns:CreateCustomerProfileResponse**

**Content Model**


Contains elements as defined in the following table.

| Component                       | Type                |
|---------------------------------|---------------------|
| SEQUENCE                        |                     |
| tns:CreateCustomerProfileResult | tns:GenericResponse |

## Element: tns:CreateCustomerProfileResult [element CreateCustomerProfileResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |

# Element: tns:CreateRepProfile

## Content Model

Contains elements as defined in the following table.

| Component            | Type                |
|----------------------|---------------------|
| SEQUENCE             |                     |
| tns:Credentials      | tns:Credentials     |
| tns:RepNumber        | s:string            |
| tns:BCNumber         | s:int               |
| tns:ShipAddress      | tns:AutoshipAddress |
| tns:StartDate        | s:dateTime          |
| tns:StopDate         | s:dateTime          |
| tns:PeriodTypeID     | s:int               |
| tns:PeriodDay        | s:int               |
| tns:ShipMethodID     | s:int               |
| tns:AutoShipRuleID   | s:int               |
| tns:OverrideShipping | s:int               |
| tns:ShippingTotal    | s:double            |

## Element: tns:CreateRepProfileResponse

### Content Model

Contains elements as defined in the following table.

| Component                  | Type                |
|----------------------------|---------------------|
| SEQUENCE                   |                     |
| tns:CreateRepProfileResult | tns:GenericResponse |



**Element: tns:CreateRepProfileResult [element CreateRepProfileResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

# Element: tns:Credentials [element AddItem]

## Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:Credentials [element AddPaymentProfile\_CC]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:Credentials [element AddPaymentProfile\_Tokenized]****Content Model**


Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element CancelProfile]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Username   | s:string |
| tns:Password   | s:string |
| tns:Token  | s:string |

**Element: tns:Credentials [element CreateCustomerProfile]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:Credentials [element CreateRepProfile]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element GetAutoshipItems]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |



**Element: tns:Credentials [element GetAutoshipProfiles]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element GetAutoshipRules]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element GetPeriodTypes]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element GetProfileDetails]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:Credentials [element GetProfileItemDetails]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns>Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element GetShipMethods]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:Credentials [element Payment\_TokenizedRequest\_Adyen]****Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element RemovalItem]

### Content Model

Contains elements as defined in the following table.


| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |



## Element: tns:Credentials [element TokenizedPaymentProfile\_VerifyResponse\_Adyen]

### Content Model


Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Username   | s:string |
| tns:Password   | s:string |
| tns:Token  | s:string |

## Element: tns:Credentials [element TokenizedPaymentProfile\_VerifyResponse\_Adyen\_V2]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Username   | s:string |
| tns:Password   | s:string |
| tns:Token  | s:string |

**Element: tns:Credentials [element UpdateAddress]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:Credentials [element UpdateSchedule]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element UpdateShipMethod]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:CurrencyCode [type OpenInvoiceLine]**

**Element: tns:CurrencyCode [type  
TokenizedPaymentRequestFormAdyenResponse]**

**Element: tns:CurrencyTypeID [type AutoshipProfiles]**



**Element: tns:CustomerNumber [element CreateCustomerProfile]**

**Element: tns:CustomerNumber [element GetAutoshipItems]**

**Element: tns:CustomerNumber [element GetAutoshipProfiles]**

**Element: tns:DateOfBirthDayOfMonth [type AdyenShopper]**


**Element: tns:DateOfBirthMonth [type AdyenShopper]**

**Element: tns:DateOfBirthYear [type AdyenShopper]**

## Element: tns:DeliveryAddress [type TokenizedPaymentRequestFormAdyenResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Street   | s:string |
| tns:HouseNumberOrName  | s:string |
| tns:City   | s:string |
| tns:PostalCode   | s:string |
| tns:StateOrProvince  | s:string |
| tns:Country  | s:string |
| tns:DeliveryAddressSig   | s:string |
| tns:DeliveryAddressType  | s:string |

**Element: tns:DeliveryAddressSig [type AdyenDeliveryAddress]**



**Element: tns:DeliveryAddressType [type AdyenDeliveryAddress]**

**Element: tns:Description [type AutoShipItemDetail]**

**Element: tns:Description [type AutoShipPeriodType]**

**Element: tns:Description [type AutoShipRule]**

**Element: tns:Description [type AutoShipShipMethod]**

**Element: tns:Description [type OpenInvoiceLine]**

**Element: tns:Detail1 [type PaymentDetails]**

**Element: tns:Detail10 [type PaymentDetails]**



**Element: tns:Detail11 [type PaymentDetails]**

**Element: tns:Detail12 [type PaymentDetails]**

**Element: tns:Detail13 [type PaymentDetails]**

**Element: tns:Detail14 [type PaymentDetails]**

**Element: tns:Detail15 [type PaymentDetails]**

**Element: tns:Detail16 [type PaymentDetails]**

**Element: tns:Detail17 [type PaymentDetails]**

**Element: tns:Detail18 [type PaymentDetails]**



**Element: tns:Detail19 [type PaymentDetails]**

**Element: tns:Detail2 [type PaymentDetails]**

**Element: tns:Detail3 [type PaymentDetails]**

**Element: tns:Detail4 [type PaymentDetails]**

**Element: tns:Detail5 [type PaymentDetails]**

**Element: tns:Detail6 [type PaymentDetails]**

**Element: tns:Detail7 [type PaymentDetails]**

**Element: tns:Detail8 [type PaymentDetails]**



**Element: tns:Detail9 [type PaymentDetails]**

**Element: tns:ExpDate [type AutoShipCCProfile]**

**Element: tns:Explanation [type AutoShipItemDetail]**

**Element: tns:Explanation [type AutoshipPeriodType]**

**Element: tns:FirstName [type AdyenShopper]**

**Element: tns:Firstname [type AutoShipAddress]**

## **Element: tns:Gender [type AdyenShopper]**

# Element: tns:GetAutoshipItems

## Content Model

Contains elements as defined in the following table.

| Component          | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:ProfileID      | s:int           |
| tns:RepNumber      | s:string        |
| tns:CustomerNumber | s:string        |



**Element: tns:GetAutoshipItemsResponse**

**Content Model**


Contains elements as defined in the following table.

| Component                  | Type                          |
|----------------------------|-------------------------------|
| SEQUENCE                   |                               |
| tns:GetAutoshipItemsResult | tns:ArrayOfAutoshipItemDetail |

**Element: tns:GetAutoshipItemsResult [element  
GetAutoshipItemsResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component  | Type                   |
|--|------------------------|
|  SEQUENCE |                        |
| tns:AutoshipItemDetail   | tns:AutoshipItemDetail |

# Element: tns:GetAutoshipProfiles

## Content Model

Contains elements as defined in the following table.

| Component          | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:RepNumber      | s:string        |
| tns:CustomerNumber | s:string        |

**Element: tns:GetAutoshipProfilesResponse**

**Content Model**

Contains elements as defined in the following table.

| Component                     | Type                        |
|-------------------------------|-----------------------------|
| SEQUENCE                      |                             |
| tns:GetAutoshipProfilesResult | tns:ArrayOfAutoshipProfiles |

**Element: tns:GetAutoshipProfilesResult [element  
GetAutoshipProfilesResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component            | Type                 |
|----------------------|----------------------|
| SEQUENCE             |                      |
| tns:AutoshipProfiles | tns:AutoshipProfiles |

**Element: tns:GetAutoshipRules**

**Content Model**

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

**Element: tns:GetAutoshipRulesResponse**

**Content Model**

Contains elements as defined in the following table.

| Component                  | Type                    |
|----------------------------|-------------------------|
| SEQUENCE                   |                         |
| tns:GetAutoshipRulesResult | tns:ArrayOfAutoshipRule |

**Element: tns:GetAutoshipRulesResult [element  
GetAutoshipRulesResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component        | Type             |
|------------------|------------------|
| SEQUENCE         |                  |
| tns:AutoshipRule | tns:AutoshipRule |



# Element: tns:GetPeriodTypes

## Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

# Element: tns:GetPeriodTypesResponse

## Content Model

Contains elements as defined in the following table.

| Component                | Type                          |
|--------------------------|-------------------------------|
| SEQUENCE                 |                               |
| tns:GetPeriodTypesResult | tns:ArrayOfAutoshipPeriodType |

**Element: tns:GetPeriodTypesResult [element GetPeriodTypesResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component              | Type                   |
|------------------------|------------------------|
| SEQUENCE               |                        |
| tns:AutoshipPeriodType | tns:AutoshipPeriodType |

# Element: tns:GetProfileDetails

## Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:ProfileID   | s:int           |

**Element: tns:GetProfileDetailsResponse**

**Content Model**

Contains elements as defined in the following table.

| Component                   | Type                 |
|-----------------------------|----------------------|
| SEQUENCE                    |                      |
| tns:GetProfileDetailsResult | tns:AutoshipProfiles |

**Element: tns:GetProfileDetailsResult [element GetProfileDetailsResponse]****Content Model**

Contains elements as defined in the following table.

| Component                 | Type       |
|---------------------------|------------|
| SEQUENCE                  |            |
| tns:RequestID             | s:int      |
| tns:Success               | s:int      |
| tns:Message               | s:string   |
| tns:ProfileID             | s:int      |
| tns:StartDate             | s:dateTime |
| tns:StopDate              | s:dateTime |
| tns:NextShipDate          | s:dateTime |
| tns:PeriodType            | s:string   |
| tns:PeriodDay             | s:int      |
| tns:ShipName              | s:string   |
| tns:ShipStreet1           | s:string   |
| tns:ShipStreet2           | s:string   |
| tns:ShipCity              | s:string   |
| tns:ShipState             | s:string   |
| tns:ShipPostalCode        | s:string   |
| tns:ShipCounty            | s:string   |
| tns:ShipCountry           | s:string   |
| tns:ShipMethod            | s:string   |
| tns:OverrideShipping      | s:int      |
| tns:OverrideShippingTotal | s:double   |
| tns:PaymentType           | s:string   |
| tns:CurrencyTypeID        | s:int      |
| tns:ShipPhone             | s:string   |
| tns:ShipMethodID          | s:int      |

# Element: tns:GetProfileItemDetails

## Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:ProfileID   | s:int           |

**Element: tns:GetProfileItemDetailsResponse**

**Content Model**

Contains elements as defined in the following table.


| Component                       | Type                          |
|---------------------------------|-------------------------------|
| SEQUENCE                        |                               |
| tns:GetProfileItemDetailsResult | tns:ArrayOfAutoshipItemDetail |



## Element: tns:GetProfileItemDetailsResult [element GetProfileItemDetailsResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type                   |
|--|------------------------|
|  SEQUENCE |                        |
| tns:AutoshipItemDetail   | tns:AutoshipItemDetail |

# Element: tns:GetShipMethods

## Content Model

Contains elements as defined in the following table.

| Component         | Type            |
|-------------------|-----------------|
| SEQUENCE          |                 |
| tns:Credentials   | tns:Credentials |
| tns:ShipState     | s:string        |
| tns:ShipCountry   | s:string        |
| tns:RepOrCustomer | s:int           |

**Element: tns:GetShipMethodsResponse**

**Content Model**

Contains elements as defined in the following table.

| Component                | Type                          |
|--------------------------|-------------------------------|
| SEQUENCE                 |                               |
| tns:GetShipMethodsResult | tns:ArrayOfAutoshipShipMethod |

**Element: tns:GetShipMethodsResult [element GetShipMethodsResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component              | Type                   |
|------------------------|------------------------|
| SEQUENCE               |                        |
| tns:AutoshipShipMethod | tns:AutoshipShipMethod |

**Element: tns:HouseNumberOrName [type AdyenBillingAddress]**

**Element: tns:HouseNumberOrName [type AdyenDeliveryAddress]**

**Element: tns:Infix [type AdyenShopper]**

**Element: tns:ItemAmount [type OpenInvoiceLine]**



**Element: tns:ItemNumber [element AddItem]**

**Element: tns:ItemNumber [type AutoshipItemDetail]**

**Element: tns:ItemVatAmount [type OpenInvoiceLine]**

**Element: tns:LargeImage [type AutoShipItemDetail]**

**Element: tns:LastName [type AdyenShopper]**

**Element: tns:Lastname [type AutoShipAddress]**

**Element: tns:LineReference [type OpenInvoiceLine]**

**Element: tns:LocaleID [element Payment\_TokenizedRequest\_Adyen]**



**Element: tns:LongExplanation [type AutoShipItemDetail]**

**Element: tns:MerchantAccount [type  
TokenizedPaymentRequestFormAdyenResponse]**

**Element: tns:MerchantData [type OpenInvoiceData]**

**Element: tns:MerchantReference [type AdyenPaymentResultInfo]**

**Element: tns:MerchantReference [type  
TokenizedPaymentRequestFormAdyenResponse]**

**Element: tns:MerchantReturnData [type AdyenPaymentResultInfo]**

**Element: tns:MerchantReturnData [type  
TokenizedPaymentRequestFormAdyenResponse]**

**Element: tns:MerchantSig [type AdyenPaymentResultInfo]**



**Element: tns:MerchantSig [type  
TokenizedPaymentProfile\_VerifyResponse\_Adyen\_V2\_Request]**

**Element: tns:MerchantSig [type  
TokenizedPaymentRequestFormAdyenResponse]**

**Element: tns:MerchantSignatureString [type  
TokenizedPaymentProfile\_VerifyResponse\_Adyen\_V2\_Request]**

## **Element: tns:Message [type GenericResponse]**

**Element: tns:NameOnCard [type AutoShipCCProfile]**

**Element: tns:NextShipDate [element UpdateSchedule]**

**Element: tns:NextShipDate [type AutoshipProfiles]**

**Element: tns:NumberOfItems [type OpenInvoiceLine]**



**Element: tns:NumberOfLines [type OpenInvoiceData]**

**Element: tns:OpenInvoiceData [type  
TokenizedPaymentRequestFormAdyenResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component             | Type                       |
|-----------------------|----------------------------|
| SEQUENCE              |                            |
| tns:NumberOfLines     | s:string                   |
| tns:RefundDescription | s:string                   |
| tns:ProductLines      | tns:ArrayOfOpenInvoiceLine |
| tns:MerchantData      | s:string                   |
| tns:Sig               | s:string                   |

## Element: tns:OpenInvoiceLine [type ArrayOfOpenInvoiceLine]

### Content Model

Contains elements as defined in the following table.

| Component         | Type     |
|-------------------|----------|
| SEQUENCE          |          |
| tns:LineReference | s:string |
| tns:CurrencyCode  | s:string |
| tns:Description   | s:string |
| tns:ItemAmount    | s:string |
| tns:ItemVatAmount | s:string |
| tns:NumberOfItems | s:string |
| tns:VatCategory   | s:string |

**Element: tns:OrderData [type  
TokenizedPaymentRequestFormAdyenResponse]**

**Element: tns:OtherPrice [type AutoshipItemDetail]**

**Element: tns:OtherPrice2 [type AutoShipItemDetail]**

**Element: tns:OtherPrice3 [type AutoshipItemDetail]**

**Element: tns:OtherPrice4 [type AutoshipItemDetail]**



**Element: tns:OverrideShipping [element CreateCustomerProfile]**

**Element: tns:OverrideShipping [element CreateRepProfile]**

**Element: tns:OverrideShipping [type AutoshipProfiles]**

**Element: tns:OverrideShippingTotal [type AutoshipProfiles]**

## **Element: tns:Password [type Credentials]**

**Element: tns:Payment\_TokenizedRequest\_Adyen**

**Content Model**

Contains elements as defined in the following table.

| Component                     | Type            |
|-------------------------------|-----------------|
| SEQUENCE                      |                 |
| tns:Credentials               | tns:Credentials |
| tns:ProfileID                 | s:int           |
| tns:LocaleID                  | s:int           |
| tns:TokenizedPaymentAccountID | s:int           |

## Element: tns:Payment\_TokenizedRequest\_AdyenResponse

### Content Model

Contains elements as defined in the following table.

| Component                                | Type   |
|--|--|
| SEQUENCE                                 |  |
| tns:Payment_TokenizedRequest_AdyenResult | tns:TokenizedPaymentRequestFormAdyenResponse |

## Element: tns:Payment\_TokenizedRequest\_AdyenResult [element Payment\_TokenizedRequest\_AdyenResponse]

### Content Model

Contains elements as defined in the following table.

| Component               | Type                     |
|-------------------------|--------------------------|
| SEQUENCE                |                          |
| tns:RequestID           | s:int                    |
| tns:Success             | s:int                    |
| tns:Message             | s:string                 |
| tns:MerchantReference   | s:string                 |
| tns:PaymentAmount       | s:string                 |
| tns:CurrencyCode        | s:string                 |
| tns:ShipBeforeDate      | s:string                 |
| tns:SkinCode            | s:string                 |
| tns:MerchantAccount     | s:string                 |
| tns:ShopperLocale       | s:string                 |
| tns:OrderData           | s:string                 |
| tns:SessionValidity     | s:string                 |
| tns:MerchantSig         | s:string                 |
| tns:CountryCode         | s:string                 |
| tns:ShopperEmail        | s:string                 |
| tns:ShopperReference    | s:string                 |
| tns:RecurringContract   | s:string                 |
| tns:RecurringDetailName | s:string                 |
| tns:MerchantReturnData  | s:string                 |
| tns:Shopper             | tns:AdyenShopper         |
| tns:BillingAddress      | tns:AdyenBillingAddress  |
| tns:DeliveryAddress     | tns:AdyenDeliveryAddress |
| tns:OpenInvoiceData     | tns:OpenInvoiceData      |



**Element: tns:PaymentAmount [type  
TokenizedPaymentRequestFormAdyenResponse]**

**Element: tns:PaymentInfo [element AddPaymentProfile\_CC]**

**Content Model**

Contains elements as defined in the following table.

| Component      | Type     |
|----------------|----------|
| SEQUENCE       |          |
| tns:NameOnCard | s:string |
| tns:CardNumber | s:string |
| tns:ExpDate    | s:string |
| tns:Street1    | s:string |
| tns:Street2    | s:string |
| tns:City       | s:string |
| tns:State      | s:string |
| tns:PostalCode | s:string |

**Element: tns:PaymentInfo [type AddPaymentProfile\_Tokenized\_Request]****Content Model**

Contains elements as defined in the following table.


| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Detail1  | s:string |
| tns:Detail2  | s:string |
| tns:Detail3  | s:string |
| tns:Detail4  | s:string |
| tns:Detail5  | s:string |
| tns:Detail6  | s:string |
| tns:Detail7  | s:string |
| tns:Detail8  | s:string |
| tns:Detail9  | s:string |
| tns:Detail10 | s:string |
| tns:Detail11 | s:string |
| tns:Detail12 | s:string |
| tns:Detail13 | s:string |
| tns:Detail14 | s:string |
| tns:Detail15 | s:string |
| tns:Detail16 | s:string |
| tns:Detail17 | s:string |
| tns:Detail18 | s:string |
| tns:Detail19 | s:string |

**Element: tns:PaymentMethod [type AdyenPaymentResultInfo]**

## Element: tns:PaymentResultInfo [type TokenizedPaymentProfile\_VerifyResponse\_Adyen\_Request]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:MerchantReference  | s:string |
| tns:SkinCode   | s:string |
| tns:ShopperLocale  | s:string |
| tns:PaymentMethod  | s:string |
| tns:AuthResult   | s:string |
| tns:PspReference   | s:string |
| tns:MerchantReturnData   | s:string |
| tns:MerchantSig  | s:string |

**Element: tns:PaymentType [type AutoshipProfiles]**

**Element: tns:PeriodDay [element CreateCustomerProfile]**

**Element: tns:PeriodDay [element CreateRepProfile]**



**Element: tns:PeriodDay [element UpdateSchedule]**

**Element: tns:PeriodDay [type AutoshipProfiles]**

**Element: tns:PeriodType [type AutoshipProfiles]**

**Element: tns:PeriodTypeID [element CreateCustomerProfile]**

**Element: tns:PeriodTypeID [element CreateRepProfile]**

**Element: tns:PeriodTypeID [element UpdateSchedule]**

**Element: tns:PeriodTypeID [type AutoshipPeriodType]**

**Element: tns:Phone [type AutoShipAddress]**



**Element: tns:PostalCode [type AdyenBillingAddress]**

**Element: tns:PostalCode [type AdyenDeliveryAddress]**

**Element: tns:PostalCode [type AutoShipAddress]**

**Element: tns:PostalCode [type AutoShipCCProfile]**

**Element: tns:Price [type AutoshipItemDetail]**

**Element: tns:ProductLines [type OpenInvoiceData]**

**Content Model**

Contains elements as defined in the following table.

| Component           | Type                |
|---------------------|---------------------|
| SEQUENCE            |                     |
| tns:OpenInvoiceLine | tns:OpenInvoiceLine |

**Element: tns:ProfileDetailID [element RemoveItem]**

**Element: tns:ProfileDetailID [type AutoshipItemDetail]**



**Element: tns:ProfileID [element AddItem]**

**Element: tns:ProfileID [element AddPaymentProfile\_CC]**

**Element: tns:ProfileID [element CancelProfile]**

**Element: tns:ProfileID [element GetAutoshipItems]**

**Element: tns:ProfileID [element GetProfileDetails]**

**Element: tns:ProfileID [element GetProfileItemDetails]**

**Element: tns:ProfileID [element Payment\_TokenizedRequest\_Adyen]**

**Element: tns:ProfileID [element UpdateAddress]**



**Element: tns:ProfileID [element UpdateSchedule]**

**Element: tns:ProfileID [element UpdateShipMethod]**

**Element: tns:ProfileID [type AddPaymentProfile\_Tokenized\_Request]**

**Element: tns:ProfileID [type AutoshipProfiles]**

**Element: tns:ProfileID [type  
TokenizedPaymentProfile\_VerifyResponse\_Adyen\_Request]**

**Element: tns:ProfileID [type  
TokenizedPaymentProfile\_VerifyResponse\_Adyen\_V2\_Request]**

**Element: tns:PspReference [type AdyenPaymentResultInfo]**

**Element: tns:Quantity [element AddItem]**



**Element: tns:Quantity [type AutoshipItemDetail]**

**Element: tns:RecurringContract [type  
TokenizedPaymentRequestFormAdyenResponse]**


**Element: tns:RecurringDetailName [type  
TokenizedPaymentRequestFormAdyenResponse]**

**Element: tns:RefundDescription [type OpenInvoiceData]**

# Element: tns:RemoveItem

## Content Model

Contains elements as defined in the following table.

| Component  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:ProfileDetailID  | s:int           |

# Element: tns:RemoveItemResponse

## Content Model

Contains elements as defined in the following table.

| Component            | Type                |
|----------------------|---------------------|
| SEQUENCE             |                     |
| tns:RemoveItemResult | tns:GenericResponse |

**Element: tns:RemoveItemResult [element RemoveItemResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

**Element: tns:RepNumber [element CreateRepProfile]**



**Element: tns:RepNumber [element GetAutoshipItems]**

**Element: tns:RepNumber [element GetAutoshipProfiles]**

**Element: tns:RepOrCustomer [element GetShipMethods]**

**Element: tns:Request [element AddPaymentProfile\_Tokenized]**

**Content Model**

Contains elements as defined in the following table.

| Component                     | Type               |
|-------------------------------|--------------------|
| SEQUENCE                      |                    |
| tns:ProfileID                 | s:int              |
| tns:PaymentInfo               | tns:PaymentDetails |
| tns:TokenizedPaymentAccountID | s:int              |

**Element: tns:Request [element  
TokenizedPaymentProfile\_VerifyResponse\_Adyen]**

**Content Model**

Contains elements as defined in the following table.

| Component                     | Type                       |
|-------------------------------|----------------------------|
| SEQUENCE                      |                            |
| tns:ProfileID                 | s:int                      |
| tns:PaymentResultInfo         | tns:AdyenPaymentResultInfo |
| tns:TokenizedPaymentAccountID | s:int                      |

**Element: tns:Request [element  
TokenizedPaymentProfile\_VerifyResponse\_Adyen\_V2]**

**Content Model**

Contains elements as defined in the following table.

| Component                     | Type     |
|-------------------------------|----------|
| SEQUENCE                      |          |
| tns:ProfileID                 | s:int    |
| tns:MerchantSignatureString   | s:string |
| tns:MerchantSig               | s:string |
| tns:TokenizedPaymentAccountID | s:int    |

**Element: tns:RequestID [type GenericResponse]**

**Element: tns:SessionValidity [type  
TokenizedPaymentRequestFormAdyenResponse]**



**Element: tns:ShipAddress [element CreateCustomerProfile]**

**Content Model**

Contains elements as defined in the following table.

| Component      | Type     |
|----------------|----------|
| SEQUENCE       |          |
| tns:Firstname  | s:string |
| tns:Lastname   | s:string |
| tns:Street1    | s:string |
| tns:Street2    | s:string |
| tns:City       | s:string |
| tns:State      | s:string |
| tns:PostalCode | s:string |
| tns:County     | s:string |
| tns:Country    | s:string |
| tns:Phone      | s:string |

**Element: tns:ShipAddress [element CreateRepProfile]**

**Content Model**

Contains elements as defined in the following table.

| Component      | Type     |
|----------------|----------|
| SEQUENCE       |          |
| tns:Firstname  | s:string |
| tns:Lastname   | s:string |
| tns:Street1    | s:string |
| tns:Street2    | s:string |
| tns:City       | s:string |
| tns:State      | s:string |
| tns:PostalCode | s:string |
| tns:County     | s:string |
| tns:Country    | s:string |
| tns:Phone      | s:string |

**Element: tns:ShipAddress [element UpdateAddress]**

**Content Model**

Contains elements as defined in the following table.

| Component      | Type     |
|----------------|----------|
| SEQUENCE       |          |
| tns:Firstname  | s:string |
| tns:Lastname   | s:string |
| tns:Street1    | s:string |
| tns:Street2    | s:string |
| tns:City       | s:string |
| tns:State      | s:string |
| tns:PostalCode | s:string |
| tns:County     | s:string |
| tns:Country    | s:string |
| tns:Phone      | s:string |

**Element: tns:ShipBeforeDate [type  
TokenizedPaymentRequestFormAdyenResponse]**

## **Element: tns:ShipCity [type AutoshipProfiles]**

**Element: tns:ShipCountry [element GetShipMethods]**

**Element: tns:ShipCountry [type AutoshipProfiles]**

**Element: tns:ShipCounty [type AutoshipProfiles]**



**Element: tns:ShipMethod [type AutoshipProfiles]**

**Element: tns:ShipMethodID [element CreateCustomerProfile]**

**Element: tns:ShipMethodID [element CreateRepProfile]**

**Element: tns:ShipMethodID [element UpdateShipMethod]**

**Element: tns:ShipMethodID [type AutoshipProfiles]**

**Element: tns:ShipMethodID [type AutoshipShipMethod]**

**Element: tns:ShipName [type AutoshipProfiles]**

**Element: tns:ShipPhone [type AutoshipProfiles]**



**Element: tns:ShippingTotal [element CreateCustomerProfile]**

**Element: tns:ShippingTotal [element CreateRepProfile]**

**Element: tns:ShipPostalCode [type AutoshipProfiles]**

**Element: tns:ShipState [element GetShipMethods]**

**Element: tns:ShipState [type AutoshipProfiles]**


**Element: tns:ShipStreet1 [type AutoshipProfiles]**

**Element: tns:ShipStreet2 [type AutoshipProfiles]**

## Element: tns:Shopper [type TokenizedPaymentRequestFormAdyenResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:FirstName  | s:string |
| tns:Infix  | s:string |
| tns:LastName   | s:string |
| tns:Gender   | s:string |
| tns:DateOfBirthDayOfMonth  | s:string |
| tns:DateOfBirthMonth   | s:string |
| tns:DateOfBirthYear  | s:string |
| tns:TelephoneNumber  | s:string |
| tns:ShopperType  | s:string |
| tns:ShopperSig   | s:string |



**Element: tns:ShopperEmail [type  
TokenizedPaymentRequestFormAdyenResponse]**

**Element: tns:ShopperLocale [type AdyenPaymentResultInfo]**

**Element: tns:ShopperLocale [type  
TokenizedPaymentRequestFormAdyenResponse]**

**Element: tns:ShopperReference [type  
TokenizedPaymentRequestFormAdyenResponse]**

**Element: tns:ShopperSig [type AdyenShopper]**

**Element: tns:ShopperType [type AdyenShopper]**

**Element: tns:Sig [type OpenInvoiceData]**

**Element: tns:SkinCode [type AdyenPaymentResultInfo]**



**Element: tns:SkinCode [type  
TokenizedPaymentRequestFormAdyenResponse]**

**Element: tns:SmallImage [type AutoShipItemDetail]**

**Element: tns:SortOrder [type AutoShipMethod]**

**Element: tns:StartDate [element CreateCustomerProfile]**

**Element: tns:StartDate [element CreateRepProfile]**

**Element: tns:StartDate [element UpdateSchedule]**

**Element: tns:StartDate [type AutoshipProfiles]**

**Element: tns:State [type AutoShipAddress]**



**Element: tns:State [type AutoShipCCProfile]**

**Element: tns:StateOrProvince [type AdyenBillingAddress]**

**Element: tns:StateOrProvince [type AdyenDeliveryAddress]**

**Element: tns:StopDate [element CreateCustomerProfile]**

**Element: tns:StopDate [element CreateRepProfile]**

**Element: tns:StopDate [element UpdateSchedule]**

**Element: tns:StopDate [type AutoshipProfiles]**

**Element: tns:Street [type AdyenBillingAddress]**



**Element: tns:Street [type AdyenDeliveryAddress]**

**Element: tns:Street1 [type AutoShipAddress]**

**Element: tns:Street1 [type AutoShipCCProfile]**

**Element: tns:Street2 [type AutoShipAddress]**

**Element: tns:Street2 [type AutoShipCCProfile]**

**Element: tns:SubCategory [type AutoshipItemDetail]**

## **Element: tns:Success [type GenericResponse]**

**Element: tns:TelephoneNumber [type AdyenShopper]**



## **Element: tns:Token [type Credentials]**

**Element: tns:TokenizedPaymentAccountID [element  
Payment\_TokenizedRequest\_Adyen]**

**Element: tns:TokenizedPaymentAccountID [type  
AddPaymentProfile\_Tokenized\_Request]**

**Element: tns:TokenizedPaymentAccountID [type  
TokenizedPaymentProfile\_VerifyResponse\_Adyen\_Request]**

**Element: tns:TokenizedPaymentAccountID [type  
TokenizedPaymentProfile\_VerifyResponse\_Adyen\_V2\_Request]**

**Element: tns:TokenizedPaymentProfile\_VerifyResponse\_Adyen**

**Content Model**

Contains elements as defined in the following table.

| Component       | Type   |
|-----------------|--|
| SEQUENCE        |  |
| tns:Credentials | tns:Credentials  |
| tns:Request     | tns:TokenizedPaymentProfile_VerifyResponse_Adyen_Request |

**Element: tns:TokenizedPaymentProfile\_VerifyResponse\_Adyen\_V2**

**Content Model**

Contains elements as defined in the following table.

| Component       | Type  |
|-----------------|---|
| SEQUENCE        |   |
| tns:Credentials | tns:Credentials   |
| tns:Request     | tns:TokenizedPaymentProfile_VerifyResponse_Adyen_V2_Request |

**Element:**  
**tns:TokenizedPaymentProfile\_VerifyResponse\_Adyen\_V2Response**

**Content Model**

Contains elements as defined in the following table.

| Component   | Type                |
|---|---------------------|
| SEQUENCE  |                     |
| tns:TokenizedPaymentProfile_VerifyResponse_Ady<br>en_V2Result | tns:GenericResponse |



**Element: tns:TokenizedPaymentProfile\_VerifyResponse\_Adyen\_V2Result**  
**[element TokenizedPaymentProfile\_VerifyResponse\_Adyen\_V2Response]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

**Element: tns:TokenizedPaymentProfile\_VerifyResponse\_AdyenResponse**


**Content Model**

Contains elements as defined in the following table.

| Component  | Type                |
|--|---------------------|
| SEQUENCE   |                     |
| tns:TokenizedPaymentProfile_VerifyResponse_AdyenResult | tns:GenericResponse |

**Element: tns:TokenizedPaymentProfile\_VerifyResponse\_AdyenResult**  
**[element TokenizedPaymentProfile\_VerifyResponse\_AdyenResponse]****Content Model**

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |

# Element: tns:UpdateAddress

## Content Model

Contains elements as defined in the following table.

| Component       | Type                |
|-----------------|---------------------|
| SEQUENCE        |                     |
| tns:Credentials | tns:Credentials     |
| tns:ProfileID   | s:int               |
| tns:ShipAddress | tns:AutoshipAddress |

# Element: tns:UpdateAddressResponse

## Content Model

Contains elements as defined in the following table.

| Component               | Type                |
|-------------------------|---------------------|
| SEQUENCE                |                     |
| tns:UpdateAddressResult | tns:GenericResponse |

**Element: tns:UpdateAddressResult [element UpdateAddressResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

# Element: tns:UpdateSchedule

## Content Model

Contains elements as defined in the following table.

| Component          | Type            |
|--------------------|-----------------|
| SEQUENCE           |                 |
| tns:Credentials    | tns:Credentials |
| tns:ProfileID      | s:int           |
| tns:PeriodDay      | s:int           |
| tns:PeriodTypeID   | s:int           |
| tns:AutoShipRuleID | s:int           |
| tns:StartDate      | s:dateTime      |
| tns:StopDate       | s:dateTime      |
| tns:NextShipDate   | s:dateTime      |

# Element: tns:UpdateScheduleResponse

## Content Model

Contains elements as defined in the following table.

| Component                | Type                |
|--------------------------|---------------------|
| SEQUENCE                 |                     |
| tns:UpdateScheduleResult | tns:GenericResponse |



**Element: tns:UpdateScheduleResult [element UpdateScheduleResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

# Element: tns:UpdateShipMethod

## Content Model

Contains elements as defined in the following table.

| Component        | Type            |
|------------------|-----------------|
| SEQUENCE         |                 |
| tns:Credentials  | tns:Credentials |
| tns:ProfileID    | s:int           |
| tns:ShipMethodID | s:int           |

# Element: tns:UpdateShipMethodResponse

## Content Model


Contains elements as defined in the following table.

| Component                  | Type                |
|----------------------------|---------------------|
| SEQUENCE                   |                     |
| tns:UpdateShipMethodResult | tns:GenericResponse |

## Element: tns:UpdateShipMethodResult [element UpdateShipMethodResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |

## **Element: tns:Username [type Credentials]**

**Element: tns:VatCategory [type OpenInvoiceLine]**

## Element: tns:Version

### Content Model

Always empty.

**Element: tns:VersionResponse**

**Content Model**

Contains elements as defined in the following table.

| Component         | Type                |
|-------------------|---------------------|
| SEQUENCE          |                     |
| tns:VersionResult | tns:GenericResponse |



**Element: tns:VersionResult [element VersionResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

## **Element: tns:Volume [type AutoshipItemDetail]**

**Element: tns:Volume2 [type AutoshipItemDetail]**

**Element: tns:Volume3 [type AutoshipItemDetail]**

**Element: tns:Volume4 [type AutoshipItemDetail]**

## ByDesign GenericWebServiceAPI Web Service

### Type

SOAP

### Style

Document

### See Also

[Methods](#) | [Complex Types](#) | [Elements](#)

## Methods: ByDesign GenericWebServiceAPI

### Methods

| Name                  | Description |
|-----------------------|-------------|
| GenericWebServiceCall |             |

## Method: GenericWebServiceCall

### Input (Literal)

The input of this method is the document element `tns:GenericWebServiceCall` having the structure defined by the following table.

| Element            | Type                  |
|--------------------|-----------------------|
| SEQUENCE           |                       |
| tns:Credentials    | tns:Credentials       |
| tns:ClientCodeName | s:string              |
| tns:oLst           | tns:ArrayOfParNameVal |

### Output (Literal)

The output of this method is the document element `tns:GenericWebServiceCallResponse` having the structure defined by the following table.

| Element                         | Type                          |
|---------------------------------|-------------------------------|
| SEQUENCE                        |                               |
| tns:GenericWebServiceCallResult | tns:GenericWebServiceResponse |



## Complex Types: ByDesign GenericWebServiceAPI

### Complex Types

| Name                          |
|-------------------------------|
| tns:ArrayOfParNameVal         |
| tns:Credentials               |
| tns:GenericWebServiceResponse |
| tns:parNameVal                |

# Complex Type: tns:ArrayOfParNameVal

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component      | Type           |
|----------------|----------------|
| SEQUENCE       |                |
| tns:parNameVal | tns:parNameVal |

## Referenced By

- Element tns:oLst [element GenericWebServiceCall]


## Complex Type: tns:Credentials

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Username   | s:string |
| tns:Password   | s:string |
| tns:Token  | s:string |

### Referenced By

- Element tns:Credentials [element GenericWebServiceCall]

# Complex Type: tns:GenericWebServiceResponse

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component     | Type                    |
|---------------|-------------------------|
| SEQUENCE      |                         |
| tns:Message   | s:string                |
| tns:RequestID | s:int                   |
| tns:Success   | s:int                   |
| tns:Data      | s:anyType (restriction) |

## Referenced By

- Element tns:GenericWebServiceCallResult [element GenericWebServiceCallResponse]

# Complex Type: tns:parNameVal

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component | Type     |
|-----------|----------|
| SEQUENCE  |          |
| tns:Name  | s:string |
| tns:Value | s:string |

## Referenced By

- Element tns:parNameVal [typeArrayOfParNameVal]

## Elements: ByDesign GenericWebServiceAPI

### Elements

| Name  |
|---|
| tns:ClientCodeName [element GenericWebServiceCall]                      |
| tns:Credentials [element GenericWebServiceCall]                         |
| tns:Data [type GenericWebServiceResponse]                               |
| tns:GenericWebServiceCall   |
| tns:GenericWebServiceCallResponse                                       |
| tns:GenericWebServiceCallResult [element GenericWebServiceCallResponse] |
| tns:Message [type GenericWebServiceResponse]                            |
| tns:Name [type parNameVal]  |
| tns:oLst [element GenericWebServiceCall]                                |
| tns:parNameVal [type ArrayOfParNameVal]                                 |
| tns>Password [type Credentials]   |
| tns:RequestID [type GenericWebServiceResponse]                          |
| tns:Success [type GenericWebServiceResponse]                            |
| tns:Token [type Credentials]  |
| tns:Username [type Credentials]   |
| tns:Value [type parNameVal]   |

**Element: tns:ClientCodeName [element GenericWebServiceCall]**

**Element: tns:Credentials [element GenericWebServiceCall]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |



**Element: tns:Data [type GenericWebServiceResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component | Type   |
|-----------|--------|
| SEQUENCE  |        |
| s:schema  | (none) |
| any       |        |

# Element: tns:GenericWebServiceCall

## Content Model

Contains elements as defined in the following table.

| Component          | Type                  |
|--------------------|-----------------------|
| SEQUENCE           |                       |
| tns:Credentials    | tns:Credentials       |
| tns:ClientCodeName | s:string              |
| tns:oLst           | tns:ArrayOfParNameVal |

# Element: tns:GenericWebServiceCallResponse

## Content Model

Contains elements as defined in the following table.

| Component                       | Type                          |
|---------------------------------|-------------------------------|
| SEQUENCE                        |                               |
| tns:GenericWebServiceCallResult | tns:GenericWebServiceResponse |

**Element: tns:GenericWebServiceCallResult [element GenericWebServiceCallResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type                    |
|---------------|-------------------------|
| SEQUENCE      |                         |
| tns:Message   | s:string                |
| tns:RequestID | s:int                   |
| tns:Success   | s:int                   |
| tns>Data      | s:anyType (restriction) |

**Element: tns:Message [type GenericWebServiceResponse]**

**Element: tns:Name [type parNameVal]**

**Element: tns:oLst [element GenericWebServiceCall]**

**Content Model**

Contains elements as defined in the following table.

| Component      | Type           |
|----------------|----------------|
| SEQUENCE       |                |
| tns:parNameVal | tns:parNameVal |

**Element: tns:parNameVal [type ArrayOfParNameVal]**

**Content Model**

Contains elements as defined in the following table.

| Component | Type     |
|-----------|----------|
| SEQUENCE  |          |
| tns:Name  | s:string |
| tns:Value | s:string |



## **Element: tns:Password [type Credentials]**

**Element: tns:RequestID [type GenericWebServiceResponse]**

**Element: tns:Success [type GenericWebServiceResponse]**

## **Element: tns:Token [type Credentials]**

**Element: tns:Username [type Credentials]**

**Element: tns:Value [type parNameVal]**

## ByDesign OnlineLeadsAPI Web Service

### Type

SOAP

### Style

Document

### See Also

[Methods](#) | [Complex Types](#) | [Elements](#)

## Methods: ByDesign OnlineLeadsAPI

### Methods


| Name           | Description |
|----------------|-------------|
| AddLead        |             |
| GetLeads       |             |
| GetSourceTypes |             |



## Method: AddLead


### Input (Literal)

The input of this method is the document element `tns:AddLead` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:Credentials</code>   | <code>tns:Credentials</code> |
| <code>tns:RepNumber</code>   | <code>s:string</code>        |
| <code>tns:BCNumber</code>  | <code>s:int</code>           |
| <code>tns:Lead</code>  | <code>tns:Lead</code>        |

### Output (Literal)


The output of this method is the document element `tns:AddLeadResponse` having the structure defined by the following table.

| Element  | Type                             |
|--|----------------------------------|
|  SEQUENCE |                                  |
| <code>tns:AddLeadResult</code>   | <code>tns:GenericResponse</code> |

## Method: GetLeads


### Input (Literal)

The input of this method is the document element tns:GetLeads having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:RepNumber  | s:string        |
| tns:BCNumber   | s:int           |

### Output (Literal)

The output of this method is the document element tns:GetLeadsResponse having the structure defined by the following table.

| Element  | Type      |
|--|-----------|
|  SEQUENCE |           |
| tns:GetLeadsResult   | tns:Leads |

## Method: GetSourceTypes

### Input (Literal)

The input of this method is the document element tns:GetSourceTypes having the structure defined by the following table.

| Element         | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

### Output (Literal)

The output of this method is the document element tns:GetSourceTypesResponse having the structure defined by the following table.

| Element                  | Type            |
|--------------------------|-----------------|
| SEQUENCE                 |                 |
| tns:GetSourceTypesResult | tns:SourceTypes |

## Complex Types: ByDesign OnlineLeadsAPI

### Complex Types

| Name                  |
|-----------------------|
| tns:ArrayOfLead       |
| tns:ArrayOfSourceType |
| tns:Credentials       |
| tns:GenericResponse   |
| tns:Lead              |
| tns:Leads             |
| tns:SourceType        |
| tns:SourceTypes       |


## Complex Type: tns:ArrayOfLead

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Lead   | tns:Lead |

### Referenced By

- Element tns:Lead [type Leads]


# Complex Type: tns:ArrayOfSourceType

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type           |
|--|----------------|
|  SEQUENCE |                |
| tns:SourceType   | tns:SourceType |

## Referenced By

- Element tns:SourceType [type SourceTypes]

# Complex Type: tns:Credentials

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Referenced By

- Element tns:Credentials [element AddLead]
- Element tns:Credentials [element GetLeads]
- Element tns:Credentials [element GetSourceTypes]

# Complex Type: tns:GenericResponse

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

## Referenced By

- Element tns:AddLeadResult [element AddLeadResponse]
- Complex Type tns:Leads
- Complex Type tns:SourceTypes




## Complex Type: tns:Lead

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type       |
|--|------------|
|  SEQUENCE |            |
| tns:Firstname  | s:string   |
| tns:Lastname   | s:string   |
| tns:EnteredDate  | s:dateTime |
| tns:DateCreated  | s:dateTime |
| tns:Street1  | s:string   |
| tns:Street2  | s:string   |
| tns:City   | s:string   |
| tns:State  | s:string   |
| tns:PostalCode   | s:string   |
| tns:Country  | s:string   |
| tns:Phone1   | s:string   |
| tns:Phone2   | s:string   |
| tns:Email  | s:string   |
| tns:LeadNotes  | s:string   |
| tns:Source   | s:string   |
| tns:SourceTypeID   | s:int      |

### Referenced By

- Element tns:Lead [element AddLead]
- Element tns:Lead [type ArrayOfLead]

# Complex Type: tns:Leads

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type            |
|---------------|-----------------|
| SEQUENCE      |                 |
| tns:RequestID | s:int           |
| tns:Success   | s:int           |
| tns:Message   | s:string        |
| tns:Lead      | tns:ArrayOfLead |

## Referenced By

- Element tns:GetLeadsResult [element GetLeadsResponse]

# Complex Type: tns:SourceType

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component        | Type     |
|------------------|----------|
| SEQUENCE         |          |
| tns:SourceTypeID | s:int    |
| tns:Description  | s:string |
| tns:Abbreviation | s:string |
| tns:Explanation  | s:string |
| tns:InUse        | s:string |

**Referenced By**

- Element tns:SourceType [type ArrayOfSourceType]

# Complex Type: tns:SourceTypes

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component      | Type                  |
|----------------|-----------------------|
| SEQUENCE       |                       |
| tns:RequestID  | s:int                 |
| tns:Success    | s:int                 |
| tns:Message    | s:string              |
| tns:SourceType | tns:ArrayOfSourceType |

## Referenced By

- Element tns:GetSourceTypesResult [element GetSourceTypesResponse]

## Elements: ByDesign OnlineLeadsAPI

### Elements

| Name  |
|---|
| tns:Abbreviation [type SourceType]                        |
| tns:AddLead   |
| tns:AddLeadResponse                                       |
| tns:AddLeadResult [element AddLeadResponse]               |
| tns:BCNumber [element AddLead]                            |
| tns:BCNumber [element GetLeads]                           |
| tns:City [type Lead]                                      |
| tns:Country [type Lead]                                   |
| tns:Credentials [element AddLead]                         |
| tns:Credentials [element GetLeads]                        |
| tns:Credentials [element GetSourceTypes]                  |
| tns:DateCreated [type Lead]                               |
| tns:Description [type SourceType]                         |
| tns:Email [type Lead]                                     |
| tns:EnteredDate [type Lead]                               |
| tns:Explanation [type SourceType]                         |
| tns:Firstname [type Lead]                                 |
| tns:GetLeads  |
| tns:GetLeadsResponse                                      |
| tns:GetLeadsResult [element GetLeadsResponse]             |
| tns:GetSourceTypes  |
| tns:GetSourceTypesResponse                                |
| tns:GetSourceTypesResult [element GetSourceTypesResponse] |
| tns:InUse [type SourceType]                               |
| tns:Lastname [type Lead]                                  |
| tns:Lead [element AddLead]                                |
| tns:Lead [type ArrayOfLead]                               |
| tns:Lead [type Leads]                                     |
| tns:LeadNotes [type Lead]                                 |
| tns:Message [type GenericResponse]                        |
| tns>Password [type Credentials]                           |
| tns:Phone1 [type Lead]                                    |
| tns:Phone2 [type Lead]                                    |
| tns:PostalCode [type Lead]                                |

| Name                                    |
|---|
| tns:RepNumber [element AddLead]         |
| tns:RepNumber [element GetLeads]        |
| tns:RequestID [type GenericResponse]    |
| tns:Source [type Lead]                  |
| tns:SourceType [type ArrayOfSourceType] |
| tns:SourceType [type SourceTypes]       |
| tns:SourceTypeID [type Lead]            |
| tns:SourceTypeID [type SourceType]      |
| tns:State [type Lead]                   |
| tns:Street1 [type Lead]                 |
| tns:Street2 [type Lead]                 |
| tns:Success [type GenericResponse]      |
| tns:Token [type Credentials]            |
| tns:Username [type Credentials]         |

**Element: tns:Abbreviation [type SourceType]**

# Element: tns:AddLead

## Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:RepNumber   | s:string        |
| tns:BCNumber    | s:int           |
| tns:Lead        | tns:Lead        |



**Element: tns:AddLeadResponse**

**Content Model**


Contains elements as defined in the following table.

| Component         | Type                |
|-------------------|---------------------|
| SEQUENCE          |                     |
| tns:AddLeadResult | tns:GenericResponse |

## Element: tns:AddLeadResult [element AddLeadResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |

**Element: tns:BCNumber [element AddLead]**

**Element: tns:BCNumber [element GetLeads]**

## **Element: tns:City [type Lead]**

## **Element: tns:Country [type Lead]**

**Element: tns:Credentials [element AddLead]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns>Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element GetLeads]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |



## Element: tns:Credentials [element GetSourceTypes]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:DateCreated [type Lead]**

**Element: tns:Description [type SourceType]**

## **Element: tns:Email [type Lead]**

**Element: tns:EnteredDate [type Lead]**

**Element: tns:Explanation [type SourceType]**

**Element: tns:Firstname [type Lead]**

**Element: tns:GetLeads**

**Content Model**

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:RepNumber   | s:string        |
| tns:BCNumber    | s:int           |



## Element: tns:GetLeadsResponse

### Content Model

Contains elements as defined in the following table.

| Component          | Type      |
|--------------------|-----------|
| SEQUENCE           |           |
| tns:GetLeadsResult | tns:Leads |

**Element: tns:GetLeadsResult [element GetLeadsResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type            |
|---------------|-----------------|
| SEQUENCE      |                 |
| tns:RequestID | s:int           |
| tns:Success   | s:int           |
| tns:Message   | s:string        |
| tns:Lead      | tns:ArrayOfLead |

# Element: tns:GetSourceTypes

## Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |

**Element: tns:GetSourceTypesResponse**

**Content Model**

Contains elements as defined in the following table.

| Component                | Type            |
|--------------------------|-----------------|
| SEQUENCE                 |                 |
| tns:GetSourceTypesResult | tns:SourceTypes |

**Element: tns:GetSourceTypesResult [element GetSourceTypesResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component      | Type                  |
|----------------|-----------------------|
| SEQUENCE       |                       |
| tns:RequestID  | s:int                 |
| tns:Success    | s:int                 |
| tns:Message    | s:string              |
| tns:SourceType | tns:ArrayOfSourceType |

**Element: tns:InUse [type SourceType]**

**Element: tns:Lastname [type Lead]**

## Element: tns:Lead [element AddLead]

### Content Model

Contains elements as defined in the following table.

| Component        | Type       |
|------------------|------------|
| SEQUENCE         |            |
| tns:Firstname    | s:string   |
| tns:Lastname     | s:string   |
| tns:EnteredDate  | s:dateTime |
| tns:DateCreated  | s:dateTime |
| tns:Street1      | s:string   |
| tns:Street2      | s:string   |
| tns:City         | s:string   |
| tns:State        | s:string   |
| tns:PostalCode   | s:string   |
| tns:Country      | s:string   |
| tns:Phone1       | s:string   |
| tns:Phone2       | s:string   |
| tns:Email        | s:string   |
| tns:LeadNotes    | s:string   |
| tns:Source       | s:string   |
| tns:SourceTypeID | s:int      |



## Element: tns:Lead [type ArrayOfLead]

### Content Model

Contains elements as defined in the following table.

| Component        | Type       |
|------------------|------------|
| SEQUENCE         |            |
| tns:Firstname    | s:string   |
| tns:Lastname     | s:string   |
| tns:EnteredDate  | s:dateTime |
| tns:DateCreated  | s:dateTime |
| tns:Street1      | s:string   |
| tns:Street2      | s:string   |
| tns:City         | s:string   |
| tns:State        | s:string   |
| tns:PostalCode   | s:string   |
| tns:Country      | s:string   |
| tns:Phone1       | s:string   |
| tns:Phone2       | s:string   |
| tns:Email        | s:string   |
| tns:LeadNotes    | s:string   |
| tns:Source       | s:string   |
| tns:SourceTypeID | s:int      |

## Element: tns:Lead [type Leads]

### Content Model

Contains elements as defined in the following table.

| Component | Type     |
|-----------|----------|
| SEQUENCE  |          |
| tns:Lead  | tns:Lead |

**Element: tns:LeadNotes [type Lead]**

## **Element: tns:Message [type GenericResponse]**

## **Element: tns:Password [type Credentials]**

## **Element: tns:Phone1 [type Lead]**

## **Element: tns:Phone2 [type Lead]**

**Element: tns:PostalCode [type Lead]**



**Element: tns:RepNumber [element AddLead]**

## **Element: tns:RepNumber [element GetLeads]**

**Element: tns:RequestID [type GenericResponse]**

## **Element: tns:Source [type Lead]**

**Element: tns:SourceType [type ArrayOfSourceType]**

**Content Model**

Contains elements as defined in the following table.

| Component        | Type     |
|------------------|----------|
| SEQUENCE         |          |
| tns:SourceTypeID | s:int    |
| tns:Description  | s:string |
| tns:Abbreviation | s:string |
| tns:Explanation  | s:string |
| tns:InUse        | s:string |

**Element: tns:SourceType [type SourceTypes]**

**Content Model**

Contains elements as defined in the following table.

| Component      | Type           |
|----------------|----------------|
| SEQUENCE       |                |
| tns:SourceType | tns:SourceType |

**Element: tns:SourceTypeID [type Lead]**

**Element: tns:SourceTypeID [type SourceType]**



**Element: tns:State [type Lead]**

**Element: tns:Street1 [type Lead]**

**Element: tns:Street2 [type Lead]**

## **Element: tns:Success [type GenericResponse]**

## **Element: tns:Token [type Credentials]**

## **Element: tns:Username [type Credentials]**

## ByDesign PromotionsAPI Web Service

### Type

SOAP

### Style

Document

### See Also

[Methods](#) | [Complex Types](#) | [Elements](#)

## Methods: ByDesign PromotionsAPI

### Methods


| Name                                      | Description |
|---|-------------|
| ApplyPromotion                            |             |
| CheckPromotions                           |             |
| CheckPromotions_Master                    |             |
| ClearPromotions                           |             |
| ClearPromotions_Master                    |             |
| GetAllPromotionsByPriceType               |             |
| GetAppliedPromotions                      |             |
| GetPromotionActionDetailsByActionID       |             |
| GetPromotionByProductCategory             |             |
| GetPromotionConditionDetailsByConditionID |             |
| GetPromotionDetailsByID                   |             |
| GetSpecificProductPromotion               |             |
| Version                                   |             |



## Method: ApplyPromotion


### Input (Literal)

The input of this method is the document element `tns:ApplyPromotion` having the structure defined by the following table.

| Element  | Type  |
|--|---|
|  SEQUENCE |   |
| <code>tns:cred</code>  | <code>tns:Credentials</code>                    |
| <code>tns:PromotionID</code>   | <code>s:int</code>                              |
| <code>tns:OnlineOrderNumber</code>   | <code>s:int</code>                              |
| <code>tns:QuantityEarned</code>  | <code>s:int</code>                              |
| <code>tns:SKUs</code>  | <code>tns:ArrayOfPromotionAwardInventory</code> |

### Output (Literal)


The output of this method is the document element `tns:ApplyPromotionResponse` having the structure defined by the following table.

| Element  | Type                             |
|--|----------------------------------|
|  SEQUENCE |                                  |
| <code>tns:ApplyPromotionResult</code>  | <code>tns:GenericResponse</code> |

## Method: CheckPromotions


### Input (Literal)

The input of this method is the document element `tns:CheckPromotions` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:cred</code>  | <code>tns:Credentials</code> |
| <code>tns:OnlineOrderNumber</code>   | <code>s:int</code>           |
| <code>tns:LocaleID</code>  | <code>s:int</code>           |

### Output (Literal)

The output of this method is the document element `tns:CheckPromotionsResponse` having the structure defined by the following table.

| Element  | Type                               |
|--|------------------------------------|
|  SEQUENCE |                                    |
| <code>tns:CheckPromotionsResult</code>   | <code>tns:PromotionResponse</code> |

# Method: CheckPromotions\_Master

## Input (Literal)

The input of this method is the document element tns:CheckPromotions\_Master having the structure defined by the following table.

| Element               | Type            |
|-----------------------|-----------------|
| SEQUENCE              |                 |
| tns:cred              | tns:Credentials |
| tns:MasterOrderNumber | s:int           |
| tns:LocaleID          | s:int           |

## Output (Literal)

The output of this method is the document element tns:CheckPromotions\_MasterResponse having the structure defined by the following table.

| Element                          | Type                  |
|----------------------------------|-----------------------|
| SEQUENCE                         |                       |
| tns:CheckPromotions_MasterResult | tns:PromotionResponse |

## Method: ClearPromotions

### Input (Literal)

The input of this method is the document element tns:ClearPromotions having the structure defined by the following table.

| Element               | Type            |
|-----------------------|-----------------|
| SEQUENCE              |                 |
| tns:cred              | tns:Credentials |
| tns:OnlineOrderNumber | s:int           |

### Output (Literal)

The output of this method is the document element tns:ClearPromotionsResponse having the structure defined by the following table.

| Element                   | Type                |
|---------------------------|---------------------|
| SEQUENCE                  |                     |
| tns:ClearPromotionsResult | tns:GenericResponse |

# Method: ClearPromotions\_Master

## Input (Literal)

The input of this method is the document element tns:ClearPromotions\_Master having the structure defined by the following table.

| Element           | Type            |
|-------------------|-----------------|
| SEQUENCE          |                 |
| tns:cred          | tns:Credentials |
| tns:MasterOrderID | s:int           |

## Output (Literal)

The output of this method is the document element tns:ClearPromotions\_MasterResponse having the structure defined by the following table.

| Element                          | Type                |
|----------------------------------|---------------------|
| SEQUENCE                         |                     |
| tns:ClearPromotions_MasterResult | tns:GenericResponse |

## Method: GetAllPromotionsByPriceType

### Input (Literal)

The input of this method is the document element tns:GetAllPromotionsByPriceType having the structure defined by the following table.

| Element   | Type                          |
|-----------|-------------------------------|
| SEQUENCE  |                               |
| tns:cred  | tns:Credentials               |
| tns:input | tns:PromotionByPriceTypeInput |

### Output (Literal)


The output of this method is the document element tns:GetAllPromotionsByPriceTypeResponse having the structure defined by the following table.

| Element                               | Type                        |
|---------------------------------------|-----------------------------|
| SEQUENCE                              |                             |
| tns:GetAllPromotionsByPriceTypeResult | tns:PromotionDetailResponse |

## Method: GetAppliedPromotions


### Input (Literal)

The input of this method is the document element `tns:GetAppliedPromotions` having the structure defined by the following table.

| Element  | Type                                    |
|--|---|
|  SEQUENCE |   |
| <code>tns:cred</code>  | <code>tns:Credentials</code>            |
| <code>tns:input</code>   | <code>tns:AppliedPromotionsInput</code> |

### Output (Literal)

The output of this method is the document element `tns:GetAppliedPromotionsResponse` having the structure defined by the following table.

| Element  | Type                                       |
|--|--|
|  SEQUENCE |  |
| <code>tns:GetAppliedPromotionsResult</code>  | <code>tns:AppliedPromotionsResponse</code> |

## Method: GetPromotionActionDetailsByActionID

### Input (Literal)

The input of this method is the document element `tns:GetPromotionActionDetailsByActionID` having the structure defined by the following table.

| Element   | Type                            |
|-----------|---------------------------------|
| SEQUENCE  |                                 |
| tns:cred  | tns:Credentials                 |
| tns:input | tns:PromotionActionDetailsInput |

### Output (Literal)

The output of this method is the document element `tns:GetPromotionActionDetailsByActionIDResponse` having the structure defined by the following table.

| Element                                       | Type                              |
|---|-----------------------------------|
| SEQUENCE                                      |                                   |
| tns:GetPromotionActionDetailsByActionIDResult | tns:PromotionActionDetailResponse |



# Method: GetPromotionByProductCategory

## Input (Literal)

The input of this method is the document element tns:GetPromotionByProductCategory having the structure defined by the following table.

| Element   | Type                                |
|-----------|-------------------------------------|
| SEQUENCE  |                                     |
| tns:cred  | tns:Credentials                     |
| tns:input | tns:PromotionByProductCategoryInput |

## Output (Literal)


The output of this method is the document element tns:GetPromotionByProductCategoryResponse having the structure defined by the following table.

| Element                                 | Type                        |
|---|-----------------------------|
| SEQUENCE                                |                             |
| tns:GetPromotionByProductCategoryResult | tns:PromotionDetailResponse |

## Method: GetPromotionConditionDetailsByConditionID


### Input (Literal)

The input of this method is the document element `tns:GetPromotionConditionDetailsByConditionID` having the structure defined by the following table.

| Element  | Type                               |
|--|------------------------------------|
|  SEQUENCE |                                    |
| tns:cred   | tns:Credentials                    |
| tns:input  | tns:PromotionConditionDetailsInput |

### Output (Literal)

The output of this method is the document element `tns:GetPromotionConditionDetailsByConditionIDResponse` having the structure defined by the following table.

| Element  | Type                                 |
|--|--------------------------------------|
|  SEQUENCE |                                      |
| tns:GetPromotionConditionDetailsByConditionIDResult  | tns:PromotionConditionDetailResponse |

# Method: GetPromotionDetailsById

## Input (Literal)

The input of this method is the document element tns:GetPromotionDetailsById having the structure defined by the following table.

| Element   | Type                      |
|-----------|---------------------------|
| SEQUENCE  |                           |
| tns:cred  | tns:Credentials           |
| tns:input | tns:PromotionDetailsInput |

## Output (Literal)

The output of this method is the document element tns:GetPromotionDetailsByIdResponse having the structure defined by the following table.

| Element                           | Type   |
|-----------------------------------|--|
| SEQUENCE                          |  |
| tns:GetPromotionDetailsByIdResult | tns:PromotionDetailWithCondtionAndActionResponse |

## Method: GetSpecificProductPromotion

### Input (Literal)

The input of this method is the document element `tns:GetSpecificProductPromotion` having the structure defined by the following table.

| Element   | Type                        |
|-----------|-----------------------------|
| SEQUENCE  |                             |
| tns:cred  | tns:Credentials             |
| tns:input | tns:PromotionByProductInput |

### Output (Literal)

The output of this method is the document element `tns:GetSpecificProductPromotionResponse` having the structure defined by the following table.

| Element                               | Type                        |
|---------------------------------------|-----------------------------|
| SEQUENCE                              |                             |
| tns:GetSpecificProductPromotionResult | tns:PromotionDetailResponse |


# Method: Version

## Input (Literal)

The input of this method is the document element tns:Version that is always empty.

## Output (Literal)

The output of this method is the document element tns:VersionResponse having the structure defined by the following table.

| Element  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:VersionResult  | tns:GenericResponse |

## Complex Types: ByDesign PromotionsAPI

### Complex Types

| Name  |
|---|
| tns:AppliedPromotions                             |
| tns:AppliedPromotionsInput                        |
| tns:AppliedPromotionsResponse                     |
| tns:ArrayOfAppliedPromotions                      |
| tns:ArrayOfPromotion                              |
| tns:ArrayOfPromotionAction                        |
| tns:ArrayOfPromotionAwardInventory                |
| tns:ArrayOfPromotionCondition                     |
| tns:ArrayOfPromotionDetails                       |
| tns:ArrayOfPromotionDetailsWithConditionAndAction |
| tns:ArrayOfPromotionInventory                     |
| tns:ArrayOfPromotionInventoryAdditionalImages     |
| tns:Credentials                                   |
| tns:GenericResponse                               |
| tns:Promotion                                     |
| tns:PromotionAction                               |
| tns:PromotionActionDetailResponse                 |
| tns:PromotionActionDetailsInput                   |
| tns:PromotionActionWithProducts                   |
| tns:PromotionAwardInventory                       |
| tns:PromotionByPriceTypeInput                     |
| tns:PromotionByProductCategoryInput               |
| tns:PromotionByProductInput                       |
| tns:PromotionCondition                            |
| tns:PromotionConditionDetailResponse              |
| tns:PromotionConditionDetailsInput                |
| tns:PromotionConditionWithProducts                |
| tns:PromotionDetailResponse                       |
| tns:PromotionDetails                              |
| tns:PromotionDetailsInput                         |
| tns:PromotionDetailsWithConditionAndAction        |
| tns:PromotionDetailWithConditionAndActionResponse |
| tns:PromotionInventory                            |
| tns:PromotionInventoryAdditionalImages            |

| Name                  |
|-----------------------|
| tns:PromotionResponse |

# Complex Type: tns:AppliedPromotions

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component             | Type      |
|-----------------------|-----------|
| SEQUENCE              |           |
| tns:PromotionID       | s:int     |
| tns:PromotionActionID | s:int     |
| tns:Quantity          | s:int     |
| tns:PrePromotionPrice | s:decimal |
| tns:DiscountAmount    | s:decimal |
| tns:DiscountPercent   | s:decimal |
| tns:ProductID         | s:string  |
| tns:DetailID          | s:int     |

## Referenced By

- Element tns:AppliedPromotions [typeArrayOfAppliedPromotions]



# Complex Type: tns:AppliedPromotionsInput

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component         | Type  |
|-------------------|-------|
| SEQUENCE          |       |
| tns:OrderID       | s:int |
| tns:OnlineOrderID | s:int |
| tns:PromotionID   | s:int |

## Referenced By

- Element tns:input [element GetAppliedPromotions]

# Complex Type: tns:AppliedPromotionsResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                         |
|---------------|------------------------------|
| SEQUENCE      |                              |
| tns:RequestID | s:int                        |
| tns:Success   | s:int                        |
| tns:Message   | s:string                     |
| tns:details   | tns:ArrayOfAppliedPromotions |

## Referenced By

- Element tns:GetAppliedPromotionsResult [element GetAppliedPromotionsResponse]

# Complex Type: tns:ArrayOfAppliedPromotions

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component             | Type                  |
|-----------------------|-----------------------|
| SEQUENCE              |                       |
| tns:AppliedPromotions | tns:AppliedPromotions |

## Referenced By

- Element tns:details [type AppliedPromotionsResponse]

# Complex Type: tns:ArrayOfPromotion

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component     | Type          |
|---------------|---------------|
| SEQUENCE      |               |
| tns:Promotion | tns:Promotion |

## Referenced By

- Element tns:promo [type PromotionResponse]

# Complex Type: tns:ArrayOfPromotionAction

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component           | Type                |
|---------------------|---------------------|
| SEQUENCE            |                     |
| tns:PromotionAction | tns:PromotionAction |

## Referenced By

- Element tns:PromotionActions [type PromotionDetailsWithConditionAndAction]

# Complex Type: tns:ArrayOfPromotionAwardInventory

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component                   | Type                        |
|-----------------------------|-----------------------------|
| SEQUENCE                    |                             |
| tns:PromotionAwardInventory | tns:PromotionAwardInventory |

## Referenced By

- Element tns:SKUs [element ApplyPromotion]

# Complex Type: tns:ArrayOfPromotionCondition

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component              | Type                   |
|------------------------|------------------------|
| SEQUENCE               |                        |
| tns:PromotionCondition | tns:PromotionCondition |

**Referenced By**

- Element tns:PromotionConditions [type PromotionDetailsWithConditionAndAction]

# Complex Type: tns:ArrayOfPromotionDetails

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component            | Type                 |
|----------------------|----------------------|
| SEQUENCE             |                      |
| tns:PromotionDetails | tns:PromotionDetails |

## Referenced By

- Element tns:promo [type PromotionDetailResponse]



# Complex Type: tns:ArrayOfPromotionDetailsWithConditionAndAction

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component                                  | Type                                       |
|--|--|
| SEQUENCE                                   |  |
| tns:PromotionDetailsWithConditionAndAction | tns:PromotionDetailsWithConditionAndAction |

## Referenced By

- Element tns:promo [type PromotionDetailWithCondtionAndActionResponse]

# Complex Type: tns:ArrayOfPromotionInventory

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component              | Type                   |
|------------------------|------------------------|
| SEQUENCE               |                        |
| tns:PromotionInventory | tns:PromotionInventory |

## Referenced By

- Element tns:SKUs [type Promotion]
- Element tns:SKUs [type PromotionActionWithProducts]
- Element tns:SKUs [type PromotionConditionWithProducts]

# Complex Type: tns:ArrayOfPromotionInventoryAdditionalImages

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component                              | Type                                   |
|--|--|
| SEQUENCE                               |  |
| tns:PromotionInventoryAdditionalImages | tns:PromotionInventoryAdditionalImages |

**Referenced By**

- Element tns:AdditionalImages [type PromotionInventory]


## Complex Type: tns:Credentials

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Username   | s:string |
| tns:Password   | s:string |
| tns:Token  | s:string |

### Referenced By

- Element tns:cred [element ApplyPromotion]
- Element tns:cred [element CheckPromotions]
- Element tns:cred [element CheckPromotions\_Master]
- Element tns:cred [element ClearPromotions]
- Element tns:cred [element ClearPromotions\_Master]
- Element tns:cred [element GetAllPromotionsByPriceType]
- Element tns:cred [element GetAppliedPromotions]
- Element tns:cred [element GetPromotionActionDetailsByActionID]
- Element tns:cred [element GetPromotionByProductCategory]
- Element tns:cred [element GetPromotionConditionDetailsByConditionID]
- Element tns:cred [element GetPromotionDetailsByID]
- Element tns:cred [element GetSpecificProductPromotion]

## Complex Type: tns:GenericResponse

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

### Referenced By

- Element tns:ApplyPromotionResult [element ApplyPromotionResponse]
- Element tns:ClearPromotions\_MasterResult [element ClearPromotions\_MasterResponse]
- Element tns:ClearPromotionsResult [element ClearPromotionsResponse]
- Element tns:VersionResult [element VersionResponse]
- Complex Type tns:AppliedPromotionsResponse
- Complex Type tns:PromotionActionDetailResponse
- Complex Type tns:PromotionConditionDetailResponse
- Complex Type tns:PromotionDetailResponse
- Complex Type tns:PromotionDetailWithConditionAndActionResponse
- Complex Type tns:PromotionResponse


## Complex Type: tns:Promotion

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type                          |
|--|-------------------------------|
|  SEQUENCE |                               |
| tns:OnlineOrderNumber  | s:int                         |
| tns:QuantityEarned   | s:int                         |
| tns>ActionQuantity   | s:int                         |
| tns:TotalQuantity  | s:int                         |
| tns:SKUs   | tns:ArrayOfPromotionInventory |
| tns:PromotionID  | s:int                         |
| tns:PromotionDescription   | s:string                      |
| tns:PromotionExplanation   | s:string                      |
| tns:PromotionActionTypeID  | s:int                         |
| tns:Suggest  | s:boolean                     |

### Referenced By

- Element tns:Promotion [type ArrayOfPromotion]

# Complex Type: tns:PromotionAction

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component                      | Type       |
|--------------------------------|------------|
| SEQUENCE                       |            |
| tns:PromotionActionID          | s:int      |
| tns:PromotionActionDescription | s:string   |
| tns:ActionStartDate            | s:dateTime |
| tns:ActionEndDate              | s:dateTime |
| tns:ActionTypeDescription      | s:string   |
| tns:ActionTypeExplanation      | s:string   |

**Referenced By**

- Element tns:PromotionAction [type ArrayOfPromotionAction]
- Complex Type tns:PromotionActionWithProducts

# Complex Type: tns:PromotionActionDetailResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                            |
|---------------|---------------------------------|
| SEQUENCE      |                                 |
| tns:RequestID | s:int                           |
| tns:Success   | s:int                           |
| tns:Message   | s:string                        |
| tns:action    | tns:PromotionActionWithProducts |

## Referenced By

- Element tns:GetPromotionActionDetailsByActionResult [element GetPromotionActionDetailsByActionResultResponse]



# Complex Type: tns:PromotionActionDetailsInput

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component             | Type     |
|-----------------------|----------|
| SEQUENCE              |          |
| tns:PromotionActionID | s:int    |
| tns:LocaleID          | s:int    |
| tns:PriceText         | s:string |

**Referenced By**

- Element tns:input [element GetPromotionActionDetailsByActionID]

# Complex Type: tns:PromotionActionWithProducts

## Derived By

Extending tns:PromotionAction

## Content Model

Contains elements as defined in the following table.

| Component                      | Type                          |
|--------------------------------|-------------------------------|
| SEQUENCE                       |                               |
| tns:PromotionActionID          | s:int                         |
| tns:PromotionActionDescription | s:string                      |
| tns:ActionStartDate            | s:dateTime                    |
| tns:ActionEndDate              | s:dateTime                    |
| tns:ActionTypeDescription      | s:string                      |
| tns:ActionTypeExplanation      | s:string                      |
| tns:SKUs                       | tns:ArrayOfPromotionInventory |

## Referenced By

- Element tns:action [type PromotionActionDetailResponse]


# Complex Type: tns:PromotionAwardInventory

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:SKU  | s:string |
| tns:Quantity   | s:int    |

## Referenced By

- Element tns:PromotionAwardInventory [typeArrayOfPromotionAwardInventory]

# Complex Type: tns:PromotionByPriceTypeInput

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:PriceType | s:string |
| tns:LocaleID  | s:int    |

## Referenced By

- Element tns:input [element GetAllPromotionsByPriceType]


## Complex Type: tns:PromotionByProductCategoryInput

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:PriceType  | s:string |
| tns:LocaleID   | s:int    |
| tns:CategoryID   | s:int    |

### Referenced By

- Element tns:input [element GetPromotionByProductCategory]

# Complex Type: tns:PromotionByProductInput

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:PriceType | s:string |
| tns:LocaleID  | s:int    |
| tns:ProductID | s:string |

## Referenced By

- Element tns:input [element GetSpecificProductPromotion]

# Complex Type: tns:PromotionCondition

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component                         | Type       |
|-----------------------------------|------------|
| SEQUENCE                          |            |
| tns:PromotionConditionID          | s:int      |
| tns:PromotionConditionDescription | s:string   |
| tns:ConditionStartDate            | s:dateTime |
| tns:ConditionEndDate              | s:dateTime |
| tns:ConditionTypeDescription      | s:string   |
| tns:ConditionTypeExplanation      | s:string   |

## Referenced By

- Element tns:PromotionCondition [typeArrayOfPromotionCondition]
- Complex Type tns:PromotionConditionWithProducts

# Complex Type: tns:PromotionConditionDetailResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                               |
|---------------|------------------------------------|
| SEQUENCE      |                                    |
| tns:RequestID | s:int                              |
| tns:Success   | s:int                              |
| tns:Message   | s:string                           |
| tns:condition | tns:PromotionConditionWithProducts |

## Referenced By

- Element tns:GetPromotionConditionDetailsByConditionIDResult [element GetPromotionConditionDetailsByConditionIDResponse]



# Complex Type: tns:PromotionConditionDetailsInput

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component                | Type     |
|--------------------------|----------|
| SEQUENCE                 |          |
| tns:PromotionConditionID | s:int    |
| tns:LocaleID             | s:int    |
| tns:PriceText            | s:string |

**Referenced By**

- Element tns:input [element GetPromotionConditionDetailsByConditionID]

# Complex Type: tns:PromotionConditionWithProducts

## Derived By

Extending tns:PromotionCondition

## Content Model

Contains elements as defined in the following table.

| Component                         | Type                          |
|-----------------------------------|-------------------------------|
| SEQUENCE                          |                               |
| tns:PromotionConditionID          | s:int                         |
| tns:PromotionConditionDescription | s:string                      |
| tns:ConditionStartDate            | s:dateTime                    |
| tns:ConditionEndDate              | s:dateTime                    |
| tns:ConditionTypeDescription      | s:string                      |
| tns:ConditionTypeExplanation      | s:string                      |
| tns:SKUs                          | tns:ArrayOfPromotionInventory |

## Referenced By

- Element tns:condition [type PromotionConditionDetailResponse]

# Complex Type: tns:PromotionDetailResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                        |
|---------------|-----------------------------|
| SEQUENCE      |                             |
| tns:RequestID | s:int                       |
| tns:Success   | s:int                       |
| tns:Message   | s:string                    |
| tns:promo     | tns:ArrayOfPromotionDetails |

## Referenced By

- Element tns:GetAllPromotionsByPriceTypeResult [element GetAllPromotionsByPriceTypeResponse]
- Element tns:GetPromotionByProductCategoryResult [element GetPromotionByProductCategoryResponse]
- Element tns:GetSpecificProductPromotionResult [element GetSpecificProductPromotionResponse]

# Complex Type: tns:PromotionDetails

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component                | Type     |
|--------------------------|----------|
| SEQUENCE                 |          |
| tns:PromotionID          | s:int    |
| tns:PromotionDescription | s:string |
| tns:PromotionExplanation | s:string |
| tns:ImageName            | s:string |

## Referenced By

- Element tns:PromotionDetails [type ArrayOfPromotionDetails]
- Complex Type tns:PromotionDetailsWithConditionAndAction

# Complex Type: tns:PromotionDetailsInput

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component       | Type  |
|-----------------|-------|
| SEQUENCE        |       |
| tns:PromotionID | s:int |
| tns:LocaleID    | s:int |

## Referenced By

- Element tns:input [element GetPromotionDetailsByID]

# Complex Type: tns:PromotionDetailsWithConditionAndAction

**Derived By**

Extending tns:PromotionDetails

**Content Model**

Contains elements as defined in the following table.

| Component                | Type                          |
|--------------------------|-------------------------------|
| SEQUENCE                 |                               |
| tns:PromotionID          | s:int                         |
| tns:PromotionDescription | s:string                      |
| tns:PromotionExplanation | s:string                      |
| tns:ImageName            | s:string                      |
| tns:PromotionConditions  | tns:ArrayOfPromotionCondition |
| tns:PromotionActions     | tns:ArrayOfPromotionAction    |

**Referenced By**

- Element tns:PromotionDetailsWithConditionAndAction [type ArrayOfPromotionDetailsWithConditionAndAction]

# Complex Type: tns:PromotionDetailWithCondtionAndActionResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type  |
|---------------|---|
| SEQUENCE      |   |
| tns:RequestID | s:int   |
| tns:Success   | s:int   |
| tns:Message   | s:string  |
| tns:promo     | tns:ArrayOfPromotionDetailsWithConditionAndAction |

## Referenced By

- Element tns:GetPromotionDetailsByIDResult [element GetPromotionDetailsByIDResponse]

# Complex Type: tns:PromotionInventory

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component            | Type  |
|----------------------|---|
| SEQUENCE             |   |
| tns:SKU              | s:string                                      |
| tns:Description      | s:string                                      |
| tns:Price            | s:decimal                                     |
| tns:PromotionPrice   | s:decimal                                     |
| tns:SmallImage       | s:string                                      |
| tns:LargeImage       | s:string                                      |
| tns:AdditionalImages | tns:ArrayOfPromotionInventoryAdditionalImages |

## Referenced By

- Element tns:PromotionInventory [type ArrayOfPromotionInventory]



# Complex Type: tns:PromotionInventoryAdditionalImages

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component       | Type     |
|-----------------|----------|
| SEQUENCE        |          |
| tns:Filename    | s:string |
| tns:Description | s:string |
| tns:Title       | s:string |
| tns:ImageType   | s:string |

## Referenced By

- Element tns:PromotionInventoryAdditionalImages [typeArrayOfPromotionInventoryAdditionalImages]

# Complex Type: tns:PromotionResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component     | Type                 |
|---------------|----------------------|
| SEQUENCE      |                      |
| tns:RequestID | s:int                |
| tns:Success   | s:int                |
| tns:Message   | s:string             |
| tns:promo     | tns:ArrayOfPromotion |

## Referenced By

- Element tns:CheckPromotions\_MasterResult [element CheckPromotions\_MasterResponse]
- Element tns:CheckPromotionsResult [element CheckPromotionsResponse]

## Elements: ByDesign PromotionsAPI

### Elements

| Name  |
|---|
| tns:action [type PromotionActionDetailResponse]                           |
| tns:ActionEndDate [type PromotionAction]                                  |
| tns:ActionQuantity [type Promotion]                                       |
| tns:ActionStartDate [type PromotionAction]                                |
| tns:ActionTypeDescription [type PromotionAction]                          |
| tns:ActionTypeExplanation [type PromotionAction]                          |
| tns:AdditionalImages [type PromotionInventory]                            |
| tns:AppliedPromotions [type ArrayOfAppliedPromotions]                     |
| tns:ApplyPromotion  |
| tns:ApplyPromotionResponse  |
| tns:ApplyPromotionResult [element ApplyPromotionResponse]                 |
| tns:CategoryID [type PromotionByProductCategoryInput]                     |
| tns:CheckPromotions   |
| tns:CheckPromotions_Master  |
| tns:CheckPromotions_MasterResponse  |
| tns:CheckPromotions_MasterResult [element CheckPromotions_MasterResponse] |
| tns:CheckPromotionsResponse   |
| tns:CheckPromotionsResult [element CheckPromotionsResponse]               |
| tns:ClearPromotions   |
| tns:ClearPromotions_Master  |
| tns:ClearPromotions_MasterResponse  |
| tns:ClearPromotions_MasterResult [element ClearPromotions_MasterResponse] |
| tns:ClearPromotionsResponse   |
| tns:ClearPromotionsResult [element ClearPromotionsResponse]               |
| tns:condition [type PromotionConditionDetailResponse]                     |
| tns:ConditionEndDate [type PromotionCondition]                            |
| tns:ConditionStartDate [type PromotionCondition]                          |
| tns:ConditionTypeDescription [type PromotionCondition]                    |
| tns:ConditionTypeExplanation [type PromotionCondition]                    |
| tns:cred [element ApplyPromotion]   |
| tns:cred [element CheckPromotions]  |
| tns:cred [element CheckPromotions_Master]                                 |
| tns:cred [element ClearPromotions]  |
| tns:cred [element ClearPromotions_Master]                                 |

| Name  |
|---|
| tns:cred [element GetAllPromotionsByPriceType]  |
| tns:cred [element GetAppliedPromotions]   |
| tns:cred [element GetPromotionActionDetailsByActionID]  |
| tns:cred [element GetPromotionByProductCategory]  |
| tns:cred [element GetPromotionConditionDetailsByConditionID]  |
| tns:cred [element GetPromotionDetailsByID]  |
| tns:cred [element GetSpecificProductPromotion]  |
| tns:Description [type PromotionInventory]   |
| tns:Description [type PromotionInventoryAdditionalImages]   |
| tns:DetailID [type AppliedPromotions]   |
| tns:details [type AppliedPromotionsResponse]  |
| tns:DiscountAmount [type AppliedPromotions]   |
| tns:DiscountPercent [type AppliedPromotions]  |
| tns:Filename [type PromotionInventoryAdditionalImages]  |
| tns:GetAllPromotionsByPriceType   |
| tns:GetAllPromotionsByPriceTypeResponse   |
| tns:GetAllPromotionsByPriceTypeResult [element GetAllPromotionsByPriceTypeResponse]                             |
| tns:GetAppliedPromotions  |
| tns:GetAppliedPromotionsResponse  |
| tns:GetAppliedPromotionsResult [element GetAppliedPromotionsResponse]   |
| tns:GetPromotionActionDetailsByActionID   |
| tns:GetPromotionActionDetailsByActionIDResponse   |
| tns:GetPromotionActionDetailsByActionIDResult [element GetPromotionActionDetailsByActionIDResponse]             |
| tns:GetPromotionByProductCategory   |
| tns:GetPromotionByProductCategoryResponse   |
| tns:GetPromotionByProductCategoryResult [element GetPromotionByProductCategoryResponse]                         |
| tns:GetPromotionConditionDetailsByConditionID   |
| tns:GetPromotionConditionDetailsByConditionIDResponse   |
| tns:GetPromotionConditionDetailsByConditionIDResult [element GetPromotionConditionDetailsByConditionIDResponse] |
| tns:GetPromotionDetailsByID   |
| tns:GetPromotionDetailsByIDResponse   |
| tns:GetPromotionDetailsByIDResult [element GetPromotionDetailsByIDResponse]                                     |
| tns:GetSpecificProductPromotion   |
| tns:GetSpecificProductPromotionResponse   |
| tns:GetSpecificProductPromotionResult [element GetSpecificProductPromotionResponse]                             |
| tns:ImageName [type PromotionDetails]   |

**Elements**

| <b>Name</b>   |
|---|
| tns:ImageType [type PromotionInventoryAdditionalImages]       |
| tns:input [element GetAllPromotionsByPriceType]               |
| tns:input [element GetAppliedPromotions]                      |
| tns:input [element GetPromotionActionDetailsByActionID]       |
| tns:input [element GetPromotionByProductCategory]             |
| tns:input [element GetPromotionConditionDetailsByConditionID] |
| tns:input [element GetPromotionDetailsByID]                   |
| tns:input [element GetSpecificProductPromotion]               |
| tns:LargeImage [type PromotionInventory]                      |
| tns:LocaleID [element CheckPromotions]                        |
| tns:LocaleID [element CheckPromotions_Master]                 |
| tns:LocaleID [type PromotionActionDetailsInput]               |
| tns:LocaleID [type PromotionByPriceTypeInput]                 |
| tns:LocaleID [type PromotionByProductCategoryInput]           |
| tns:LocaleID [type PromotionByProductInput]                   |
| tns:LocaleID [type PromotionConditionDetailsInput]            |
| tns:LocaleID [type PromotionDetailsInput]                     |
| tns:MasterOrderID [element ClearPromotions_Master]            |
| tns:MasterOrderNumber [element CheckPromotions_Master]        |
| tns:Message [type GenericResponse]                            |
| tns:OnlineOrderID [type AppliedPromotionsInput]               |
| tns:OnlineOrderNumber [element ApplyPromotion]                |
| tns:OnlineOrderNumber [element CheckPromotions]               |
| tns:OnlineOrderNumber [element ClearPromotions]               |
| tns:OnlineOrderNumber [type Promotion]                        |
| tns:OrderID [type AppliedPromotionsInput]                     |
| tns>Password [type Credentials]                               |
| tns:PrePromotionPrice [type AppliedPromotions]                |
| tns:Price [type PromotionInventory]                           |
| tns:PriceText [type PromotionActionDetailsInput]              |
| tns:PriceText [type PromotionConditionDetailsInput]           |
| tns:PriceType [type PromotionByPriceTypeInput]                |
| tns:PriceType [type PromotionByProductCategoryInput]          |
| tns:PriceType [type PromotionByProductInput]                  |
| tns:ProductID [type AppliedPromotions]                        |

| Name  |
|---|
| tns:ProductID [type PromotionByProductInput]  |
| tns:promo [type PromotionDetailResponse]  |
| tns:promo [type PromotionDetailWithConditionAndActionResponse]                                  |
| tns:promo [type PromotionResponse]  |
| tns:Promotion [type ArrayOfPromotion]   |
| tns:PromotionAction [type ArrayOfPromotionAction]   |
| tns:PromotionActionDescription [type PromotionAction]   |
| tns:PromotionActionID [type AppliedPromotions]  |
| tns:PromotionActionID [type PromotionAction]  |
| tns:PromotionActionID [type PromotionActionDetailsInput]  |
| tns:PromotionActions [type PromotionDetailsWithConditionAndAction]                              |
| tns:PromotionActionTypeID [type Promotion]  |
| tns:PromotionAwardInventory [type ArrayOfPromotionAwardInventory]                               |
| tns:PromotionCondition [type ArrayOfPromotionCondition]   |
| tns:PromotionConditionDescription [type PromotionCondition]                                     |
| tns:PromotionConditionID [type PromotionCondition]  |
| tns:PromotionConditionID [type PromotionConditionDetailsInput]                                  |
| tns:PromotionConditions [type PromotionDetailsWithConditionAndAction]                           |
| tns:PromotionDescription [type Promotion]   |
| tns:PromotionDescription [type PromotionDetails]  |
| tns:PromotionDetails [type ArrayOfPromotionDetails]   |
| tns:PromotionDetailsWithConditionAndAction [type ArrayOfPromotionDetailsWithConditionAndAction] |
| tns:PromotionExplanation [type Promotion]   |
| tns:PromotionExplanation [type PromotionDetails]  |
| tns:PromotionID [element ApplyPromotion]  |
| tns:PromotionID [type AppliedPromotions]  |
| tns:PromotionID [type AppliedPromotionsInput]   |
| tns:PromotionID [type Promotion]  |
| tns:PromotionID [type PromotionDetails]   |
| tns:PromotionID [type PromotionDetailsInput]  |
| tns:PromotionInventory [type ArrayOfPromotionInventory]   |
| tns:PromotionInventoryAdditionalImages [type ArrayOfPromotionInventoryAdditionalImages]         |
| tns:PromotionPrice [type PromotionInventory]  |
| tns:Quantity [type AppliedPromotions]   |
| tns:Quantity [type PromotionAwardInventory]   |
| tns:QuantityEarned [element ApplyPromotion]   |
| tns:QuantityEarned [type Promotion]   |

**Elements**

| <b>Name</b>   |
|---|
| tns:RequestID [type GenericResponse]                |
| tns:SKU [type PromotionAwardInventory]              |
| tns:SKU [type PromotionInventory]                   |
| tns:SKUs [element ApplyPromotion]                   |
| tns:SKUs [type Promotion]                           |
| tns:SKUs [type PromotionActionWithProducts]         |
| tns:SKUs [type PromotionConditionWithProducts]      |
| tns:SmallImage [type PromotionInventory]            |
| tns:Success [type GenericResponse]                  |
| tns:Suggest [type Promotion]                        |
| tns:Title [type PromotionInventoryAdditionalImages] |
| tns:Token [type Credentials]                        |
| tns:TotalQuantity [type Promotion]                  |
| tns:Username [type Credentials]                     |
| tns:Version   |
| tns:VersionResponse                                 |
| tns:VersionResult [element VersionResponse]         |

**Element: tns:action [type PromotionActionDetailResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component                      | Type                          |
|--------------------------------|-------------------------------|
| SEQUENCE                       |                               |
| tns:PromotionActionID          | s:int                         |
| tns:PromotionActionDescription | s:string                      |
| tns:ActionStartDate            | s:dateTime                    |
| tns:ActionEndDate              | s:dateTime                    |
| tns:ActionTypeDescription      | s:string                      |
| tns:ActionTypeExplanation      | s:string                      |
| tns:SKUs                       | tns:ArrayOfPromotionInventory |



**Element: tns:ActionEndDate [type PromotionAction]**

**Element: tns:ActionQuantity [type Promotion]**

**Element: tns:ActionStartDate [type PromotionAction]**

## **Element: tns:ActionTypeDescription [type PromotionAction]**

**Element: tns:ActionTypeExplanation [type PromotionAction]**

**Element: tns:AdditionalImages [type PromotionInventory]**

**Content Model**

Contains elements as defined in the following table.

| Component                              | Type                                   |
|--|--|
| SEQUENCE                               |  |
| tns:PromotionInventoryAdditionalImages | tns:PromotionInventoryAdditionalImages |

**Element: tns:AppliedPromotions [type ArrayOfAppliedPromotions]**

**Content Model**

Contains elements as defined in the following table.

| Component             | Type      |
|-----------------------|-----------|
| SEQUENCE              |           |
| tns:PromotionID       | s:int     |
| tns:PromotionActionID | s:int     |
| tns:Quantity          | s:int     |
| tns:PrePromotionPrice | s:decimal |
| tns:DiscountAmount    | s:decimal |
| tns:DiscountPercent   | s:decimal |
| tns:ProductID         | s:string  |
| tns:DetailID          | s:int     |

# Element: tns:ApplyPromotion

## Content Model

Contains elements as defined in the following table.

| Component             | Type                               |
|-----------------------|------------------------------------|
| SEQUENCE              |                                    |
| tns:cred              | tns:Credentials                    |
| tns:PromotionID       | s:int                              |
| tns:OnlineOrderNumber | s:int                              |
| tns:QuantityEarned    | s:int                              |
| tns:SKUs              | tns:ArrayOfPromotionAwardInventory |



## Element: tns:ApplyPromotionResponse

### Content Model

Contains elements as defined in the following table.

| Component                | Type                |
|--------------------------|---------------------|
| SEQUENCE                 |                     |
| tns:ApplyPromotionResult | tns:GenericResponse |

**Element: tns:ApplyPromotionResult [element ApplyPromotionResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

**Element: tns:CategoryID [type PromotionByProductCategoryInput]**

Element: tns:CheckPromotions

Content Model

Contains elements as defined in the following table.

| Component             | Type            |
|-----------------------|-----------------|
| SEQUENCE              |                 |
| tns:cred              | tns:Credentials |
| tns:OnlineOrderNumber | s:int           |
| tns:LocaleID          | s:int           |

# Element: tns:CheckPromotions\_Master

## Content Model

Contains elements as defined in the following table.

| Component             | Type            |
|-----------------------|-----------------|
| SEQUENCE              |                 |
| tns:cred              | tns:Credentials |
| tns:MasterOrderNumber | s:int           |
| tns:LocaleID          | s:int           |

## Element: tns:CheckPromotions\_MasterResponse

### Content Model


Contains elements as defined in the following table.

| Component                        | Type                  |
|----------------------------------|-----------------------|
| SEQUENCE                         |                       |
| tns:CheckPromotions_MasterResult | tns:PromotionResponse |

## Element: tns:CheckPromotions\_MasterResult [element CheckPromotions\_MasterResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type                 |
|--|----------------------|
|  SEQUENCE |                      |
| tns:RequestID  | s:int                |
| tns:Success  | s:int                |
| tns:Message  | s:string             |
| tns:promo  | tns:ArrayOfPromotion |

**Element: tns:CheckPromotionsResponse**

**Content Model**

Contains elements as defined in the following table.


| Component                 | Type                  |
|---------------------------|-----------------------|
| SEQUENCE                  |                       |
| tns:CheckPromotionsResult | tns:PromotionResponse |



## Element: tns:CheckPromotionsResult [element CheckPromotionsResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type                 |
|--|----------------------|
|  SEQUENCE |                      |
| tns:RequestID  | s:int                |
| tns:Success  | s:int                |
| tns:Message  | s:string             |
| tns:promo  | tns:ArrayOfPromotion |

# Element: tns:ClearPromotions

## Content Model

Contains elements as defined in the following table.

| Component             | Type            |
|-----------------------|-----------------|
| SEQUENCE              |                 |
| tns:cred              | tns:Credentials |
| tns:OnlineOrderNumber | s:int           |

**Element: tns:ClearPromotions\_Master**

**Content Model**

Contains elements as defined in the following table.

| Component         | Type            |
|-------------------|-----------------|
| SEQUENCE          |                 |
| tns:cred          | tns:Credentials |
| tns:MasterOrderID | s:int           |

## Element: tns:ClearPromotions\_MasterResponse

### Content Model


Contains elements as defined in the following table.

| Component                        | Type                |
|----------------------------------|---------------------|
| SEQUENCE                         |                     |
| tns:ClearPromotions_MasterResult | tns:GenericResponse |

## Element: tns:ClearPromotions\_MasterResult [element ClearPromotions\_MasterResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |

# Element: tns:ClearPromotionsResponse

## Content Model

Contains elements as defined in the following table.

| Component                 | Type                |
|---------------------------|---------------------|
| SEQUENCE                  |                     |
| tns:ClearPromotionsResult | tns:GenericResponse |

**Element: tns:ClearPromotionsResult [element ClearPromotionsResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

**Element: tns:condition [type PromotionConditionDetailResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component                         | Type                          |
|-----------------------------------|-------------------------------|
| SEQUENCE                          |                               |
| tns:PromotionConditionID          | s:int                         |
| tns:PromotionConditionDescription | s:string                      |
| tns:ConditionStartDate            | s:dateTime                    |
| tns:ConditionEndDate              | s:dateTime                    |
| tns:ConditionTypeDescription      | s:string                      |
| tns:ConditionTypeExplanation      | s:string                      |
| tns:SKUs                          | tns:ArrayOfPromotionInventory |



**Element: tns:ConditionEndDate [type PromotionCondition]**

**Element: tns:ConditionStartDate [type PromotionCondition]**

**Element: tns:ConditionTypeDescription [type PromotionCondition]**

**Element: tns:ConditionTypeExplanation [type PromotionCondition]**

## Element: tns:cred [element ApplyPromotion]

### Content Model


Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:cred [element CheckPromotions]

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Username   | s:string |
| tns:Password   | s:string |
| tns:Token  | s:string |

**Element: tns:cred [element CheckPromotions\_Master]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

# Element: tns:cred [element ClearPromotions]

## Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns>Password | s:string |
| tns:Token    | s:string |



**Element: tns:cred [element ClearPromotions\_Master]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:cred [element GetAllPromotionsByPriceType]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns>Password | s:string |
| tns:Token    | s:string |

## Element: tns:cred [element GetAppliedPromotions]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:cred [element GetPromotionActionDetailsByActionID]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:cred [element GetPromotionByProductCategory]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:cred [element GetPromotionConditionDetailsByConditionID]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:cred [element GetPromotionDetailsByID]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:cred [element GetSpecificProductPromotion]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |



**Element: tns:Description [type PromotionInventory]**

**Element: tns:Description [type PromotionInventoryAdditionalImages]**

**Element: tns:DetailID [type AppliedPromotions]**

**Element: tns:details [type AppliedPromotionsResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component             | Type                  |
|-----------------------|-----------------------|
| SEQUENCE              |                       |
| tns:AppliedPromotions | tns:AppliedPromotions |

**Element: tns:DiscountAmount [type AppliedPromotions]**

**Element: tns:DiscountPercent [type AppliedPromotions]**

**Element: tns:Filename [type PromotionInventoryAdditionalImages]**

**Element: tns:GetAllPromotionsByPriceType**

**Content Model**

Contains elements as defined in the following table.

| Component | Type                          |
|-----------|-------------------------------|
| SEQUENCE  |                               |
| tns:cred  | tns:Credentials               |
| tns:input | tns:PromotionByPriceTypeInput |



**Element: tns:GetAllPromotionsByPriceTypeResponse**

**Content Model**

Contains elements as defined in the following table.

| Component                             | Type                        |
|---------------------------------------|-----------------------------|
| SEQUENCE                              |                             |
| tns:GetAllPromotionsByPriceTypeResult | tns:PromotionDetailResponse |

**Element: tns:GetAllPromotionsByPriceTypeResult [element GetAllPromotionsByPriceTypeResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type                        |
|---------------|-----------------------------|
| SEQUENCE      |                             |
| tns:RequestID | s:int                       |
| tns:Success   | s:int                       |
| tns:Message   | s:string                    |
| tns:promo     | tns:ArrayOfPromotionDetails |

# Element: tns:GetAppliedPromotions

## Content Model

Contains elements as defined in the following table.

| Component | Type                       |
|-----------|----------------------------|
| SEQUENCE  |                            |
| tns:cred  | tns:Credentials            |
| tns:input | tns:AppliedPromotionsInput |

## Element: tns:GetAppliedPromotionsResponse

### Content Model


Contains elements as defined in the following table.

| Component                      | Type                          |
|--------------------------------|-------------------------------|
| SEQUENCE                       |                               |
| tns:GetAppliedPromotionsResult | tns:AppliedPromotionsResponse |

## Element: tns:GetAppliedPromotionsResult [element GetAppliedPromotionsResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| tns:RequestID  | s:int                        |
| tns:Success  | s:int                        |
| tns:Message  | s:string                     |
| tns:details  | tns:ArrayOfAppliedPromotions |

**Element: tns:GetPromotionActionDetailsByActionID**

**Content Model**

Contains elements as defined in the following table.

| Component | Type                            |
|-----------|---------------------------------|
| SEQUENCE  |                                 |
| tns:cred  | tns:Credentials                 |
| tns:input | tns:PromotionActionDetailsInput |

## Element: tns:GetPromotionActionDetailsByActionIDResponse

### Content Model

Contains elements as defined in the following table.

| Component                                   | Type                              |
|---|-----------------------------------|
| SEQUENCE                                    |                                   |
| tns:GetPromotionActionDetailsByActionResult | tns:PromotionActionDetailResponse |

**Element: tns:GetPromotionActionDetailsByActionResult [element GetPromotionActionDetailsByActionResultResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type                            |
|---------------|---------------------------------|
| SEQUENCE      |                                 |
| tns:RequestID | s:int                           |
| tns:Success   | s:int                           |
| tns:Message   | s:string                        |
| tns:action    | tns:PromotionActionWithProducts |



**Element: tns:GetPromotionByProductCategory**

**Content Model**

Contains elements as defined in the following table.

| Component | Type                                |
|-----------|-------------------------------------|
| SEQUENCE  |                                     |
| tns:cred  | tns:Credentials                     |
| tns:input | tns:PromotionByProductCategoryInput |

**Element: tns:GetPromotionByProductCategoryResponse**

**Content Model**

Contains elements as defined in the following table.

| Component                               | Type                        |
|---|-----------------------------|
| SEQUENCE                                |                             |
| tns:GetPromotionByProductCategoryResult | tns:PromotionDetailResponse |

**Element: tns:GetPromotionByProductCategoryResult [element GetPromotionByProductCategoryResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type                        |
|---------------|-----------------------------|
| SEQUENCE      |                             |
| tns:RequestID | s:int                       |
| tns:Success   | s:int                       |
| tns:Message   | s:string                    |
| tns:promo     | tns:ArrayOfPromotionDetails |

**Element: tns:GetPromotionConditionDetailsByConditionID**

**Content Model**

Contains elements as defined in the following table.

| Component | Type                               |
|-----------|------------------------------------|
| SEQUENCE  |                                    |
| tns:cred  | tns:Credentials                    |
| tns:input | tns:PromotionConditionDetailsInput |

**Element: tns:GetPromotionConditionDetailsByConditionIDResponse**

**Content Model**

Contains elements as defined in the following table.

| Component   | Type                                 |
|---|--------------------------------------|
| SEQUENCE  |                                      |
| tns:GetPromotionConditionDetailsByConditionIDResult | tns:PromotionConditionDetailResponse |

**Element: tns:GetPromotionConditionDetailsByConditionIDResult [element GetPromotionConditionDetailsByConditionIDResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type                               |
|---------------|------------------------------------|
| SEQUENCE      |                                    |
| tns:RequestID | s:int                              |
| tns:Success   | s:int                              |
| tns:Message   | s:string                           |
| tns:condition | tns:PromotionConditionWithProducts |

**Element: tns:GetPromotionDetailsByID**

**Content Model**

Contains elements as defined in the following table.

| Component | Type                      |
|-----------|---------------------------|
| SEQUENCE  |                           |
| tns:cred  | tns:Credentials           |
| tns:input | tns:PromotionDetailsInput |

**Element: tns:GetPromotionDetailsByIdResponse**

**Content Model**

Contains elements as defined in the following table.

| Component                         | Type   |
|-----------------------------------|--|
| SEQUENCE                          |  |
| tns:GetPromotionDetailsByIdResult | tns:PromotionDetailWithCondtionAndActionResponse |



**Element: tns:GetPromotionDetailsByIDResult [element GetPromotionDetailsByIDResponse]**

**Content Model**


Contains elements as defined in the following table.

| Component     | Type  |
|---------------|---|
| SEQUENCE      |   |
| tns:RequestID | s:int   |
| tns:Success   | s:int   |
| tns:Message   | s:string  |
| tns:promo     | tns:ArrayOfPromotionDetailsWithConditionAndAction |

## Element: tns:GetSpecificProductPromotion

### Content Model

Contains elements as defined in the following table.

| Component  | Type                        |
|--|-----------------------------|
|  SEQUENCE |                             |
| tns:cred   | tns:Credentials             |
| tns:input  | tns:PromotionByProductInput |

## Element: tns:GetSpecificProductPromotionResponse

### Content Model

Contains elements as defined in the following table.

| Component                             | Type                        |
|---------------------------------------|-----------------------------|
| SEQUENCE                              |                             |
| tns:GetSpecificProductPromotionResult | tns:PromotionDetailResponse |

**Element: tns:GetSpecificProductPromotionResult [element GetSpecificProductPromotionResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type                        |
|---------------|-----------------------------|
| SEQUENCE      |                             |
| tns:RequestID | s:int                       |
| tns:Success   | s:int                       |
| tns:Message   | s:string                    |
| tns:promo     | tns:ArrayOfPromotionDetails |

**Element: tns:ImageName [type PromotionDetails]**

**Element: tns:ImageType [type PromotionInventoryAdditionalImages]**

**Element: tns:input [element GetAllPromotionsByPriceType]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:PriceType | s:string |
| tns:LocaleID  | s:int    |

**Element: tns:input [element GetAppliedPromotions]**

**Content Model**

Contains elements as defined in the following table.

| Component         | Type  |
|-------------------|-------|
| SEQUENCE          |       |
| tns:OrderID       | s:int |
| tns:OnlineOrderID | s:int |
| tns:PromotionID   | s:int |



**Element: tns:input [element GetPromotionActionDetailsByActionID]**

**Content Model**

Contains elements as defined in the following table.

| Component             | Type     |
|-----------------------|----------|
| SEQUENCE              |          |
| tns:PromotionActionID | s:int    |
| tns:LocaleID          | s:int    |
| tns:PriceText         | s:string |

## Element: tns:input [element GetPromotionByProductCategory]

### Content Model

Contains elements as defined in the following table.

| Component      | Type     |
|----------------|----------|
| SEQUENCE       |          |
| tns:PriceType  | s:string |
| tns:LocaleID   | s:int    |
| tns:CategoryID | s:int    |

**Element: tns:input [element GetPromotionConditionDetailsByConditionID]**

**Content Model**

Contains elements as defined in the following table.

| Component                | Type     |
|--------------------------|----------|
| SEQUENCE                 |          |
| tns:PromotionConditionID | s:int    |
| tns:LocaleID             | s:int    |
| tns:PriceText            | s:string |

**Element: tns:input [element GetPromotionDetailsByID]**

**Content Model**

Contains elements as defined in the following table.

| Component       | Type  |
|-----------------|-------|
| SEQUENCE        |       |
| tns:PromotionID | s:int |
| tns:LocaleID    | s:int |

**Element: tns:input [element GetSpecificProductPromotion]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:PriceType | s:string |
| tns:LocaleID  | s:int    |
| tns:ProductID | s:string |

**Element: tns:LargelImage [type PromotionInventory]**

**Element: tns:LocaleID [element CheckPromotions]**

**Element: tns:LocaleID [element CheckPromotions\_Master]**



**Element: tns:LocaleID [type PromotionActionDetailsInput]**

**Element: tns:LocaleID [type PromotionByPriceTypeInput]**

**Element: tns:LocaleID [type PromotionByProductCategoryInput]**

**Element: tns:LocaleID [type PromotionByProductInput]**

**Element: tns:LocaleID [type PromotionConditionDetailsInput]**

**Element: tns:LocaleID [type PromotionDetailsInput]**

**Element: tns:MasterOrderID [element ClearPromotions\_Master]**

**Element: tns:MasterOrderNumber [element CheckPromotions\_Master]**



**Element: tns:Message [type GenericResponse]**

**Element: tns:OnlineOrderID [type AppliedPromotionsInput]**

**Element: tns:OnlineOrderNumber [element ApplyPromotion]**

**Element: tns:OnlineOrderNumber [element CheckPromotions]**

**Element: tns:OnlineOrderNumber [element ClearPromotions]**

**Element: tns:OnlineOrderNumber [type Promotion]**

**Element: tns:OrderID [type AppliedPromotionsInput]**

## **Element: tns:Password [type Credentials]**



**Element: tns:PrePromotionPrice [type AppliedPromotions]**

## **Element: tns:Price [type PromotionInventory]**

## **Element: tns:PriceText [type PromotionActionDetailsInput]**

## **Element: tns:PriceText [type PromotionConditionDetailsInput]**

**Element: tns:PriceType [type PromotionByPriceTypeInput]**

**Element: tns:PriceType [type PromotionByProductCategoryInput]**

**Element: tns:PriceType [type PromotionByProductInput]**

**Element: tns:ProductID [type AppliedPromotions]**



**Element: tns:ProductID [type PromotionByProductInput]**

**Element: tns:promo [type PromotionDetailResponse]**

**Content Model**


Contains elements as defined in the following table.

| Component            | Type                 |
|----------------------|----------------------|
| SEQUENCE             |                      |
| tns:PromotionDetails | tns:PromotionDetails |

## Element: tns:promo [type PromotionDetailWithCondtionAndActionResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type                                       |
|--|--|
|  SEQUENCE |  |
| tns:PromotionDetailsWithConditionAndAction   | tns:PromotionDetailsWithConditionAndAction |

**Element: tns:promo [type PromotionResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type          |
|---------------|---------------|
| SEQUENCE      |               |
| tns:Promotion | tns:Promotion |

**Element: tns:Promotion [type ArrayOfPromotion]**

**Content Model**

Contains elements as defined in the following table.

| Component                 | Type                          |
|---------------------------|-------------------------------|
| SEQUENCE                  |                               |
| tns:OnlineOrderNumber     | s:int                         |
| tns:QuantityEarned        | s:int                         |
| tns>ActionQuantity        | s:int                         |
| tns:TotalQuantity         | s:int                         |
| tns:SKUs                  | tns:ArrayOfPromotionInventory |
| tns:PromotionID           | s:int                         |
| tns:PromotionDescription  | s:string                      |
| tns:PromotionExplanation  | s:string                      |
| tns:PromotionActionTypeID | s:int                         |
| tns:Suggest               | s:boolean                     |

**Element: tns:PromotionAction [type ArrayOfPromotionAction]**

**Content Model**

Contains elements as defined in the following table.

| Component                      | Type       |
|--------------------------------|------------|
| SEQUENCE                       |            |
| tns:PromotionActionID          | s:int      |
| tns:PromotionActionDescription | s:string   |
| tns:ActionStartDate            | s:dateTime |
| tns:ActionEndDate              | s:dateTime |
| tns:ActionTypeDescription      | s:string   |
| tns:ActionTypeExplanation      | s:string   |

**Element: tns:PromotionActionDescription [type PromotionAction]**

**Element: tns:PromotionActionID [type AppliedPromotions]**




**Element: tns:PromotionActionID [type PromotionAction]**

**Element: tns:PromotionActionID [type PromotionActionDetailsInput]**

**Element: tns:PromotionActions [type PromotionDetailsWithConditionAndAction]**

**Content Model**

Contains elements as defined in the following table.

| Component  | Type                |
|--|---------------------|
|  SEQUENCE |                     |
| tns:PromotionAction  | tns:PromotionAction |

**Element: tns:PromotionActionTypeID [type Promotion]**

**Element: tns:PromotionAwardInventory [type  
ArrayOfPromotionAwardInventory]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:SKU      | s:string |
| tns:Quantity | s:int    |

**Element: tns:PromotionCondition [type ArrayOfPromotionCondition]**

**Content Model**

Contains elements as defined in the following table.

| Component                         | Type       |
|-----------------------------------|------------|
| SEQUENCE                          |            |
| tns:PromotionConditionID          | s:int      |
| tns:PromotionConditionDescription | s:string   |
| tns:ConditionStartDate            | s:dateTime |
| tns:ConditionEndDate              | s:dateTime |
| tns:ConditionTypeDescription      | s:string   |
| tns:ConditionTypeExplanation      | s:string   |

**Element: tns:PromotionConditionDescription [type PromotionCondition]**

**Element: tns:PromotionConditionID [type PromotionCondition]**




**Element: tns:PromotionConditionID [type PromotionConditionDetailsInput]**

**Element: tns:PromotionConditions [type PromotionDetailsWithConditionAndAction]**

**Content Model**

Contains elements as defined in the following table.

| Component  | Type                   |
|--|------------------------|
|  SEQUENCE |                        |
| tns:PromotionCondition   | tns:PromotionCondition |

## **Element: tns:PromotionDescription [type Promotion]**

## **Element: tns:PromotionDescription [type PromotionDetails]**

**Element: tns:PromotionDetails [typeArrayOfPromotionDetails]**

**Content Model**

Contains elements as defined in the following table.

| Component                | Type     |
|--------------------------|----------|
| SEQUENCE                 |          |
| tns:PromotionID          | s:int    |
| tns:PromotionDescription | s:string |
| tns:PromotionExplanation | s:string |
| tns:ImageName            | s:string |

**Element: tns:PromotionDetailsWithConditionAndAction [type  
ArrayOfPromotionDetailsWithConditionAndAction]**

**Content Model**

Contains elements as defined in the following table.

| Component                | Type                          |
|--------------------------|-------------------------------|
| SEQUENCE                 |                               |
| tns:PromotionID          | s:int                         |
| tns:PromotionDescription | s:string                      |
| tns:PromotionExplanation | s:string                      |
| tns:ImageName            | s:string                      |
| tns:PromotionConditions  | tns:ArrayOfPromotionCondition |
| tns:PromotionActions     | tns:ArrayOfPromotionAction    |

**Element: tns:PromotionExplanation [type Promotion]**

## **Element: tns:PromotionExplanation [type PromotionDetails]**



**Element: tns:PromotionID [element ApplyPromotion]**

**Element: tns:PromotionID [type AppliedPromotions]**

**Element: tns:PromotionID [type AppliedPromotionsInput]**

**Element: tns:PromotionID [type Promotion]**

**Element: tns:PromotionID [type PromotionDetails]**

**Element: tns:PromotionID [type PromotionDetailsInput]**

**Element: tns:PromotionInventory [type ArrayOfPromotionInventory]**

**Content Model**

Contains elements as defined in the following table.

| Component            | Type  |
|----------------------|---|
| SEQUENCE             |   |
| tns:SKU              | s:string                                      |
| tns:Description      | s:string                                      |
| tns:Price            | s:decimal                                     |
| tns:PromotionPrice   | s:decimal                                     |
| tns:SmallImage       | s:string                                      |
| tns:LargeImage       | s:string                                      |
| tns:AdditionalImages | tns:ArrayOfPromotionInventoryAdditionalImages |

**Element: tns:PromotionInventoryAdditionalImages [type  
ArrayOfPromotionInventoryAdditionalImages]**

**Content Model**

Contains elements as defined in the following table.

| Component       | Type     |
|-----------------|----------|
| SEQUENCE        |          |
| tns:Filename    | s:string |
| tns:Description | s:string |
| tns:Title       | s:string |
| tns:ImageType   | s:string |



## **Element: tns:PromotionPrice [type PromotionInventory]**

**Element: tns:Quantity [type AppliedPromotions]**

**Element: tns:Quantity [type PromotionAwardInventory]**

**Element: tns:QuantityEarned [element ApplyPromotion]**

**Element: tns:QuantityEarned [type Promotion]**

**Element: tns:RequestID [type GenericResponse]**

**Element: tns:SKU [type PromotionAwardInventory]**

**Element: tns:SKU [type PromotionInventory]**



**Element: tns:SKUs [element ApplyPromotion]**

**Content Model**

Contains elements as defined in the following table.

| Component                   | Type                        |
|-----------------------------|-----------------------------|
| SEQUENCE                    |                             |
| tns:PromotionAwardInventory | tns:PromotionAwardInventory |

**Element: tns:SKUs [type Promotion]**

**Content Model**

Contains elements as defined in the following table.

| Component              | Type                   |
|------------------------|------------------------|
| SEQUENCE               |                        |
| tns:PromotionInventory | tns:PromotionInventory |

**Element: tns:SKUs [type PromotionActionWithProducts]**

**Content Model**

Contains elements as defined in the following table.

| Component              | Type                   |
|------------------------|------------------------|
| SEQUENCE               |                        |
| tns:PromotionInventory | tns:PromotionInventory |

**Element: tns:SKUs [type PromotionConditionWithProducts]**

**Content Model**

Contains elements as defined in the following table.

| Component              | Type                   |
|------------------------|------------------------|
| SEQUENCE               |                        |
| tns:PromotionInventory | tns:PromotionInventory |

**Element: tns:SmallImage [type PromotionInventory]**

## **Element: tns:Success [type GenericResponse]**

## **Element: tns:Suggest [type Promotion]**

**Element: tns:Title [type PromotionInventoryAdditionalImages]**



## **Element: tns:Token [type Credentials]**

**Element: tns:TotalQuantity [type Promotion]**

## **Element: tns:Username [type Credentials]**

## Element: tns:Version

### Content Model

Always empty.

# Element: tns:VersionResponse

## Content Model

Contains elements as defined in the following table.

| Component         | Type                |
|-------------------|---------------------|
| SEQUENCE          |                     |
| tns:VersionResult | tns:GenericResponse |

**Element: tns:VersionResult [element VersionResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

## ByDesign ReplicatedSiteAPI Web Service

### Type

SOAP

### Style

Document

### See Also

[Methods](#) | [Complex Types](#) | [Elements](#)

## Methods: ByDesign ReplicatedSiteAPI

### Methods

| Name                               | Description   |
|------------------------------------|---|
| GetRepInfo                         | This API Method does NOT check Freedom Setting ReplSite_Version to see whether it should use Repls table. It assumes that this setting is always checked and always reads values from the Repls table.          |
| GetRepInfo_v2                      | This API Method first checks Freedom Setting ReplSite_Version and IF checked, it will pull values from either Repls or RelicatedInfo Tables.  |
| GetRepInfo_v3                      | This API Method does NOT check Freedom Setting ReplSite_Version to see whether it should use Repls table. It assumes that this setting is always checked and always reads values from the ReplicatedInfo table. |
| GetRepSocialNetworks               |   |
| SetRepLocale                       |   |
| VerifyReplicatedSiteContentManager |   |
| VerifyRepURL                       |   |




## Method: GetRepInfo

### Description

This API Method does NOT check Freedom Setting RepISite\_Version to see whether it should use Reps table. It assumes that this setting is always checked and always reads values from the Reps table.


### Input (Literal)

The input of this method is the document element tns:GetRepInfo having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:Replicated   | s:string        |
| tns:UrlReferrer  | s:string        |

### Output (Literal)

The output of this method is the document element tns:GetRepInfoResponse having the structure defined by the following table.

| Element  | Type                  |
|--|-----------------------|
|  SEQUENCE |                       |
| tns:GetRepInfoResult   | tns:ReplicatedRepInfo |


## Method: GetRepInfo\_v2

### Description

This API Method first checks Freedom Setting ReplSite\_Version and IF checked, it will pull values from either Reps or RelicatedInfo Tables.


### Input (Literal)

The input of this method is the document element tns:GetRepInfo\_v2 having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:Replicated   | s:string        |
| tns:UrlReferrer  | s:string        |

### Output (Literal)

The output of this method is the document element tns:GetRepInfo\_v2Response having the structure defined by the following table.

| Element  | Type                     |
|--|--------------------------|
|  SEQUENCE |                          |
| tns:GetRepInfo_v2Result  | tns:ReplicatedRepInfo_v2 |


## Method: GetRepInfo\_v3

### Description

This API Method does NOT check Freedom Setting RepISite\_Version to see whether it should use Reps table. It assumes that this setting is always checked and always reads values from the ReplicatedInfo table.


### Input (Literal)

The input of this method is the document element tns:GetRepInfo\_v3 having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:Credentials  | tns:Credentials |
| tns:Replicated   | s:string        |
| tns:UrlReferrer  | s:string        |

### Output (Literal)

The output of this method is the document element tns:GetRepInfo\_v3Response having the structure defined by the following table.

| Element  | Type                     |
|--|--------------------------|
|  SEQUENCE |                          |
| tns:GetRepInfo_v3Result  | tns:ReplicatedRepInfo_v3 |

# Method: GetRepSocialNetworks

## Input (Literal)

The input of this method is the document element tns:GetRepSocialNetworks having the structure defined by the following table.

| Element       | Type            |
|---------------|-----------------|
| SEQUENCE      |                 |
| tns:creds     | tns:Credentials |
| tns:RepNumber | s:string        |
| tns:IP        | s:string        |

## Output (Literal)

The output of this method is the document element tns:GetRepSocialNetworksResponse having the structure defined by the following table.

| Element                        | Type                          |
|--------------------------------|-------------------------------|
| SEQUENCE                       |                               |
| tns:GetRepSocialNetworksResult | tns:RepSocialNetworksResponse |

# Method: SetRepLocale

## Input (Literal)

The input of this method is the document element tns:SetRepLocale having the structure defined by the following table.

| Element         | Type              |
|-----------------|-------------------|
| SEQUENCE        |                   |
| tns:Credentials | tns:Credentials   |
| tns:RepLocale   | tns:RepLocaleInfo |

## Output (Literal)


The output of this method is the document element tns:SetRepLocaleResponse having the structure defined by the following table.

| Element                | Type                |
|------------------------|---------------------|
| SEQUENCE               |                     |
| tns:SetRepLocaleResult | tns:GenericResponse |

## Method: VerifyReplicatedSiteContentManager


### Input (Literal)

The input of this method is the document element `tns:VerifyReplicatedSiteContentManager` having the structure defined by the following table.

| Element  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:creds  | tns:Credentials |
| tns:Username   | s:string        |
| tns:IP   | s:string        |

### Output (Literal)


The output of this method is the document element `tns:VerifyReplicatedSiteContentManagerResponse` having the structure defined by the following table.

| Element  | Type      |
|--|-----------|
|  SEQUENCE |           |
| tns:VerifyReplicatedSiteContentManagerResult   | s:boolean |

## Method: VerifyRepURL


### Input (Literal)

The input of this method is the document element `tns:VerifyRepURL` having the structure defined by the following table.

| Element  | Type                         |
|--|------------------------------|
|  SEQUENCE |                              |
| <code>tns:creds</code>   | <code>tns:Credentials</code> |
| <code>tns:RepURL</code>  | <code>s:string</code>        |
| <code>tns:IP</code>  | <code>s:string</code>        |

### Output (Literal)

The output of this method is the document element `tns:VerifyRepURLResponse` having the structure defined by the following table.

| Element  | Type                             |
|--|----------------------------------|
|  SEQUENCE |                                  |
| <code>tns:VerifyRepURLResult</code>  | <code>tns:GenericResponse</code> |

## Complex Types: ByDesign ReplicatedSiteAPI

### Complex Types

| Name                             |
|----------------------------------|
| tns:ArrayOfCustomReplicatedField |
| tns:ArrayOfRepSocialNetwork      |
| tns:Credentials                  |
| tns:CustomReplicatedField        |
| tns:GenericResponse              |
| tns:ReplicatedRepInfo            |
| tns:ReplicatedRepInfo_v2         |
| tns:ReplicatedRepInfo_v3         |
| tns:RepLocaleInfo                |
| tns:RepSocialNetwork             |
| tns:RepSocialNetworksResponse    |



# Complex Type: tns:ArrayOfCustomReplicatedField

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component                 | Type                      |
|---------------------------|---------------------------|
| SEQUENCE                  |                           |
| tns:CustomReplicatedField | tns:CustomReplicatedField |

**Referenced By**

- Element tns:CustomFields [type ReplicatedRepInfo\_v3]


# Complex Type: tns:ArrayOfRepSocialNetwork

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type                 |
|--|----------------------|
|  SEQUENCE |                      |
| tns:RepSocialNetwork   | tns:RepSocialNetwork |

## Referenced By

- Element tns:RepSocialNetworkArray [type RepSocialNetworksResponse]


# Complex Type: tns:Credentials

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Username   | s:string |
| tns:Password   | s:string |
| tns:Token  | s:string |

## Referenced By

- Element tns:Credentials [element GetRepInfo]
- Element tns:Credentials [element GetRepInfo\_v2]
- Element tns:Credentials [element GetRepInfo\_v3]
- Element tns:Credentials [element SetRepLocale]
- Element tns:creds [element GetRepSocialNetworks]
- Element tns:creds [element VerifyReplicatedSiteContentManager]
- Element tns:creds [element VerifyRepURL]

# Complex Type: tns:CustomReplicatedField

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component | Type     |
|-----------|----------|
| SEQUENCE  |          |
| tns:Name  | s:string |
| tns:Value | s:string |

## Referenced By

- Element tns:CustomReplicatedField [type ArrayOfCustomReplicatedField]


## Complex Type: tns:GenericResponse

### Derived By

Restricting s:anyType

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |

### Referenced By

- Element tns:SetRepLocaleResult [element SetRepLocaleResponse]
- Element tns:VerifyRepURLResult [element VerifyRepURLResponse]
- Complex Type tns:ReplicatedRepInfo
- Complex Type tns:ReplicatedRepInfo\_v2
- Complex Type tns:ReplicatedRepInfo\_v3
- Complex Type tns:RepSocialNetworksResponse


## Complex Type: tns:ReplicatedRepInfo

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |
| tns:RepID  | s:int    |
| tns:RepDID   | s:string |
| tns:Name   | s:string |
| tns:Email  | s:string |
| tns:BillStreet1  | s:string |
| tns:BillStreet2  | s:string |
| tns:BillCity   | s:string |
| tns:BillState  | s:string |
| tns:BillPostalCode   | s:string |
| tns:Phone1   | s:string |
| tns:Phone3   | s:string |
| tns:PictureFilename  | s:string |
| tns:ReplicatedSiteText   | s:string |

### Referenced By

- Element tns:GetRepInfoResult [element GetRepInfoResponse]

## Complex Type: tns:ReplicatedReplInfo\_v2

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component              | Type     |
|------------------------|----------|
| SEQUENCE               |          |
| tns:RequestID          | s:int    |
| tns:Success            | s:int    |
| tns:Message            | s:string |
| tns:RepID              | s:int    |
| tns:RepDID             | s:string |
| tns:Name               | s:string |
| tns:FirstName          | s:string |
| tns:LastName           | s:string |
| tns:Email              | s:string |
| tns:BillStreet1        | s:string |
| tns:BillStreet2        | s:string |
| tns:BillCity           | s:string |
| tns:BillState          | s:string |
| tns:BillPostalCode     | s:string |
| tns:Phone1             | s:string |
| tns:Phone3             | s:string |
| tns:PictureFilename    | s:string |
| tns:ReplicatedSiteText | s:string |
| tns:RankTypeID         | s:int    |
| tns:RankTypeDescr      | s:string |
| tns:Company            | s:string |
| tns:SponsorRepDID      | s:string |
| tns:SponsorName        | s:string |
| tns:SponsorPhone       | s:string |
| tns:Locale             | s:string |

### Referenced By

- Element tns:GetReplInfo\_v2Result [element GetReplInfo\_v2Response]

## Complex Type: tns:ReplicatedRepInfo\_v3

### Derived By

Extending tns:GenericResponse

### Content Model

Contains elements as defined in the following table.

| Component              | Type                             |
|------------------------|----------------------------------|
| SEQUENCE               |                                  |
| tns:RequestID          | s:int                            |
| tns:Success            | s:int                            |
| tns:Message            | s:string                         |
| tns:BillCity           | s:string                         |
| tns:BillPostalCode     | s:string                         |
| tns:BillState          | s:string                         |
| tns:BillStreet1        | s:string                         |
| tns:BillStreet2        | s:string                         |
| tns:Company            | s:string                         |
| tns:Email              | s:string                         |
| tns:FirstName          | s:string                         |
| tns:LastName           | s:string                         |
| tns:Locale             | s:string                         |
| tns:Name               | s:string                         |
| tns:Phone1             | s:string                         |
| tns:Phone3             | s:string                         |
| tns:PictureFilename    | s:string                         |
| tns:RankTypeDescr      | s:string                         |
| tns:RankTypeID         | s:int                            |
| tns:RepDID             | s:string                         |
| tns:RepID              | s:int                            |
| tns:ReplicatedSiteText | s:string                         |
| tns:SponsorName        | s:string                         |
| tns:SponsorPhone       | s:string                         |
| tns:SponsorRepDID      | s:string                         |
| tns:CustomFields       | tns:ArrayOfCustomReplicatedField |

### Referenced By

- Element tns:GetRepInfo\_v3Result [element GetRepInfo\_v3Response]



# Complex Type: tns:RepLocaleInfo

## Derived By

Restricting s:anyType

## Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:RepDID   | s:string |
| tns:LocaleID | s:string |

## Referenced By

- Element tns:RepLocale [element SetRepLocale]

# Complex Type: tns:RepSocialNetwork

**Derived By**

Restricting s:anyType

**Content Model**

Contains elements as defined in the following table.

| Component                  | Type     |
|----------------------------|----------|
| SEQUENCE                   |          |
| tns:RepNumber              | s:string |
| tns:Description            | s:string |
| tns:ImageFileName          | s:string |
| tns:SocialNetworkingSiteID | s:string |
| tns:Abbreviation           | s:string |
| tns:FullURL                | s:string |

**Referenced By**

- Element tns:RepSocialNetwork [type ArrayOfRepSocialNetwork]

# Complex Type: tns:RepSocialNetworksResponse

## Derived By

Extending tns:GenericResponse

## Content Model

Contains elements as defined in the following table.

| Component                 | Type                        |
|---------------------------|-----------------------------|
| SEQUENCE                  |                             |
| tns:RequestID             | s:int                       |
| tns:Success               | s:int                       |
| tns:Message               | s:string                    |
| tns:RepSocialNetworkArray | tns:ArrayOfRepSocialNetwork |

## Referenced By

- Element tns:GetRepSocialNetworksResult [element GetRepSocialNetworksResponse]

## Elements: ByDesign ReplicatedSiteAPI

### Elements

| Name  |
|---|
| tns:Abbreviation [type RepSocialNetwork]                      |
| tns:BillCity [type ReplicatedRepInfo]                         |
| tns:BillCity [type ReplicatedRepInfo_v2]                      |
| tns:BillCity [type ReplicatedRepInfo_v3]                      |
| tns:BillPostalCode [type ReplicatedRepInfo]                   |
| tns:BillPostalCode [type ReplicatedRepInfo_v2]                |
| tns:BillPostalCode [type ReplicatedRepInfo_v3]                |
| tns:BillState [type ReplicatedRepInfo]                        |
| tns:BillState [type ReplicatedRepInfo_v2]                     |
| tns:BillState [type ReplicatedRepInfo_v3]                     |
| tns:BillStreet1 [type ReplicatedRepInfo]                      |
| tns:BillStreet1 [type ReplicatedRepInfo_v2]                   |
| tns:BillStreet1 [type ReplicatedRepInfo_v3]                   |
| tns:BillStreet2 [type ReplicatedRepInfo]                      |
| tns:BillStreet2 [type ReplicatedRepInfo_v2]                   |
| tns:BillStreet2 [type ReplicatedRepInfo_v3]                   |
| tns:Company [type ReplicatedRepInfo_v2]                       |
| tns:Company [type ReplicatedRepInfo_v3]                       |
| tns:Credentials [element GetRepInfo]                          |
| tns:Credentials [element GetRepInfo_v2]                       |
| tns:Credentials [element GetRepInfo_v3]                       |
| tns:Credentials [element SetRepLocale]                        |
| tns:creds [element GetRepSocialNetworks]                      |
| tns:creds [element VerifyReplicatedSiteContentManager]        |
| tns:creds [element VerifyRepURL]                              |
| tns:CustomFields [type ReplicatedRepInfo_v3]                  |
| tns:CustomReplicatedField [type ArrayOfCustomReplicatedField] |
| tns:Description [type RepSocialNetwork]                       |
| tns:Email [type ReplicatedRepInfo]                            |
| tns:Email [type ReplicatedRepInfo_v2]                         |
| tns:Email [type ReplicatedRepInfo_v3]                         |
| tns:FirstName [type ReplicatedRepInfo_v2]                     |
| tns:FirstName [type ReplicatedRepInfo_v3]                     |
| tns:FullURL [type RepSocialNetwork]                           |

| Name  |
|---|
| tns:GetRepInfo  |
| tns:GetRepInfo_v2   |
| tns:GetRepInfo_v2Response   |
| tns:GetRepInfo_v2Result [element GetRepInfo_v2Response]               |
| tns:GetRepInfo_v3   |
| tns:GetRepInfo_v3Response   |
| tns:GetRepInfo_v3Result [element GetRepInfo_v3Response]               |
| tns:GetRepInfoResponse  |
| tns:GetRepInfoResult [element GetRepInfoResponse]                     |
| tns:GetRepSocialNetworks  |
| tns:GetRepSocialNetworksResponse                                      |
| tns:GetRepSocialNetworksResult [element GetRepSocialNetworksResponse] |
| tns:ImageFileName [type RepSocialNetwork]                             |
| tns:IP [element GetRepSocialNetworks]                                 |
| tns:IP [element VerifyReplicatedSiteContentManager]                   |
| tns:IP [element VerifyRepURL]   |
| tns:LastName [type ReplicatedRepInfo_v2]                              |
| tns:LastName [type ReplicatedRepInfo_v3]                              |
| tns:Locale [type ReplicatedRepInfo_v2]                                |
| tns:Locale [type ReplicatedRepInfo_v3]                                |
| tns:LocaleID [type RepLocaleInfo]                                     |
| tns:Message [type GenericResponse]                                    |
| tns:Name [type CustomReplicatedField]                                 |
| tns:Name [type ReplicatedRepInfo]                                     |
| tns:Name [type ReplicatedRepInfo_v2]                                  |
| tns:Name [type ReplicatedRepInfo_v3]                                  |
| tns>Password [type Credentials]                                       |
| tns:Phone1 [type ReplicatedRepInfo]                                   |
| tns:Phone1 [type ReplicatedRepInfo_v2]                                |
| tns:Phone1 [type ReplicatedRepInfo_v3]                                |
| tns:Phone3 [type ReplicatedRepInfo]                                   |
| tns:Phone3 [type ReplicatedRepInfo_v2]                                |
| tns:Phone3 [type ReplicatedRepInfo_v3]                                |
| tns:PictureFilename [type ReplicatedRepInfo]                          |
| tns:PictureFilename [type ReplicatedRepInfo_v2]                       |
| tns:PictureFilename [type ReplicatedRepInfo_v3]                       |
| tns:RankTypeDescr [type ReplicatedRepInfo_v2]                         |

**Elements**

| <b>Name</b>  |
|--|
| tns:RankTypeDescr [type ReplicatedRepInfo_v3]              |
| tns:RankTypeID [type ReplicatedRepInfo_v2]                 |
| tns:RankTypeID [type ReplicatedRepInfo_v3]                 |
| tns:RepDID [type ReplicatedRepInfo]                        |
| tns:RepDID [type ReplicatedRepInfo_v2]                     |
| tns:RepDID [type ReplicatedRepInfo_v3]                     |
| tns:RepDID [type RepLocaleInfo]                            |
| tns:RepID [type ReplicatedRepInfo]                         |
| tns:RepID [type ReplicatedRepInfo_v2]                      |
| tns:RepID [type ReplicatedRepInfo_v3]                      |
| tns:Replicated [element GetRepInfo]                        |
| tns:Replicated [element GetRepInfo_v2]                     |
| tns:Replicated [element GetRepInfo_v3]                     |
| tns:ReplicatedSiteText [type ReplicatedRepInfo]            |
| tns:ReplicatedSiteText [type ReplicatedRepInfo_v2]         |
| tns:ReplicatedSiteText [type ReplicatedRepInfo_v3]         |
| tns:RepLocale [element SetRepLocale]                       |
| tns:RepNumber [element GetRepSocialNetworks]               |
| tns:RepNumber [type RepSocialNetwork]                      |
| tns:RepSocialNetwork [type ArrayOfRepSocialNetwork]        |
| tns:RepSocialNetworkArray [type RepSocialNetworksResponse] |
| tns:RepURL [element VerifyRepURL]                          |
| tns:RequestID [type GenericResponse]                       |
| tns:SetRepLocale   |
| tns:SetRepLocaleResponse                                   |
| tns:SetRepLocaleResult [element SetRepLocaleResponse]      |
| tns:SocialNetworkingSiteID [type RepSocialNetwork]         |
| tns:SponsorName [type ReplicatedRepInfo_v2]                |
| tns:SponsorName [type ReplicatedRepInfo_v3]                |
| tns:SponsorPhone [type ReplicatedRepInfo_v2]               |
| tns:SponsorPhone [type ReplicatedRepInfo_v3]               |
| tns:SponsorRepDID [type ReplicatedRepInfo_v2]              |
| tns:SponsorRepDID [type ReplicatedRepInfo_v3]              |
| tns:Success [type GenericResponse]                         |
| tns:Token [type Credentials]                               |

| Name  |
|---|
| tns:UrlReferrer [element GetRepInfo]  |
| tns:UrlReferrer [element GetRepInfo_v2]   |
| tns:UrlReferrer [element GetRepInfo_v3]   |
| tns:Username [element VerifyReplicatedSiteContentManager]   |
| tns:Username [type Credentials]   |
| tns:Value [type CustomReplicatedField]  |
| tns:VerifyReplicatedSiteContentManager  |
| tns:VerifyReplicatedSiteContentManagerResponse  |
| tns:VerifyReplicatedSiteContentManagerResult [element VerifyReplicatedSiteContentManagerResponse] |
| tns:VerifyRepURL  |
| tns:VerifyRepURLResponse  |
| tns:VerifyRepURLResult [element VerifyRepURLResponse]   |

**Element: tns:Abbreviation [type RepSocialNetwork]**



**Element: tns:BillCity [type ReplicatedReplInfo]**

**Element: tns:BillCity [type ReplicatedReplInfo\_v2]**

**Element: tns:BillCity [type ReplicatedReplInfo\_v3]**

**Element: tns:BillPostalCode [type ReplicatedRepInfo]**

**Element: tns:BillPostalCode [type ReplicatedRepInfo\_v2]**

**Element: tns:BillPostalCode [type ReplicatedRepInfo\_v3]**

**Element: tns:BillState [type ReplicatedRepInfo]**

**Element: tns:BillState [type ReplicatedRepInfo\_v2]**



**Element: tns:BillState [type ReplicatedRepInfo\_v3]**

**Element: tns:BillStreet1 [type ReplicatedRepInfo]**

**Element: tns:BillStreet1 [type ReplicatedRepInfo\_v2]**

**Element: tns:BillStreet1 [type ReplicatedRepInfo\_v3]**

**Element: tns:BillStreet2 [type ReplicatedRepInfo]**

**Element: tns:BillStreet2 [type ReplicatedRepInfo\_v2]**

**Element: tns:BillStreet2 [type ReplicatedRepInfo\_v3]**

**Element: tns:Company [type ReplicatedRepInfo\_v2]**



**Element: tns:Company [type ReplicatedRepInfo\_v3]**

## Element: tns:Credentials [element GetReplInfo]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element GetRepInfo\_v2]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:Credentials [element GetRepInfo\_v3]

### Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

# Element: tns:Credentials [element SetRepLocale]

## Content Model

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:creds [element GetRepSocialNetworks]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

**Element: tns:creds [element VerifyReplicatedSiteContentManager]**

**Content Model**


Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:Username | s:string |
| tns:Password | s:string |
| tns:Token    | s:string |

## Element: tns:creds [element VerifyRepURL]

### Content Model

Contains elements as defined in the following table.


| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Username   | s:string |
| tns:Password   | s:string |
| tns:Token  | s:string |



**Element: tns:CustomFields [type ReplicatedRepInfo\_v3]**


**Content Model**

Contains elements as defined in the following table.

| Component  | Type                      |
|--|---------------------------|
|  SEQUENCE |                           |
| tns:CustomReplicatedField  | tns:CustomReplicatedField |

**Element: tns:CustomReplicatedField [type ArrayOfCustomReplicatedField]****Content Model**

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:Name   | s:string |
| tns:Value  | s:string |

**Element: tns:Description [type RepSocialNetwork]**

**Element: tns:Email [type ReplicatedReplInfo]**

**Element: tns:Email [type ReplicatedReplInfo\_v2]**

**Element: tns:Email [type ReplicatedReplInfo\_v3]**

**Element: tns:FirstName [type ReplicatedRepInfo\_v2]**

**Element: tns:FirstName [type ReplicatedRepInfo\_v3]**



**Element: tns:FullURL [type RepSocialNetwork]**

# Element: tns:GetReplInfo

## Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:Replicated  | s:string        |
| tns:UrlReferrer | s:string        |

# Element: tns:GetReplInfo\_v2

## Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:Replicated  | s:string        |
| tns:UrlReferrer | s:string        |

## Element: tns:GetRepInfo\_v2Response

### Content Model

Contains elements as defined in the following table.

| Component               | Type                     |
|-------------------------|--------------------------|
| SEQUENCE                |                          |
| tns:GetRepInfo_v2Result | tns:ReplicatedRepInfo_v2 |

**Element: tns:GetRepInfo\_v2Result [element GetRepInfo\_v2Response]****Content Model**

Contains elements as defined in the following table.

| Component              | Type     |
|------------------------|----------|
| SEQUENCE               |          |
| tns:RequestID          | s:int    |
| tns:Success            | s:int    |
| tns:Message            | s:string |
| tns:RepID              | s:int    |
| tns:RepDID             | s:string |
| tns:Name               | s:string |
| tns:FirstName          | s:string |
| tns:LastName           | s:string |
| tns:Email              | s:string |
| tns:BillStreet1        | s:string |
| tns:BillStreet2        | s:string |
| tns:BillCity           | s:string |
| tns:BillState          | s:string |
| tns:BillPostalCode     | s:string |
| tns:Phone1             | s:string |
| tns:Phone3             | s:string |
| tns:PictureFilename    | s:string |
| tns:ReplicatedSiteText | s:string |
| tns:RankTypeID         | s:int    |
| tns:RankTypeDescr      | s:string |
| tns:Company            | s:string |
| tns:SponsorRepDID      | s:string |
| tns:SponsorName        | s:string |
| tns:SponsorPhone       | s:string |
| tns:Locale             | s:string |

# Element: tns:GetReplInfo\_v3

## Content Model

Contains elements as defined in the following table.

| Component       | Type            |
|-----------------|-----------------|
| SEQUENCE        |                 |
| tns:Credentials | tns:Credentials |
| tns:Replicated  | s:string        |
| tns:UrlReferrer | s:string        |

## Element: tns:GetRepInfo\_v3Response

### Content Model

Contains elements as defined in the following table.

| Component               | Type                     |
|-------------------------|--------------------------|
| SEQUENCE                |                          |
| tns:GetRepInfo_v3Result | tns:ReplicatedRepInfo_v3 |

**Element: tns:GetRepInfo\_v3Result [element GetRepInfo\_v3Response]****Content Model**

Contains elements as defined in the following table.

| Component              | Type                             |
|------------------------|----------------------------------|
| SEQUENCE               |                                  |
| tns:RequestID          | s:int                            |
| tns:Success            | s:int                            |
| tns:Message            | s:string                         |
| tns:BillCity           | s:string                         |
| tns:BillPostalCode     | s:string                         |
| tns:BillState          | s:string                         |
| tns:BillStreet1        | s:string                         |
| tns:BillStreet2        | s:string                         |
| tns:Company            | s:string                         |
| tns:Email              | s:string                         |
| tns:FirstName          | s:string                         |
| tns:LastName           | s:string                         |
| tns:Locale             | s:string                         |
| tns:Name               | s:string                         |
| tns:Phone1             | s:string                         |
| tns:Phone3             | s:string                         |
| tns:PictureFilename    | s:string                         |
| tns:RankTypeDescr      | s:string                         |
| tns:RankTypeID         | s:int                            |
| tns:RepDID             | s:string                         |
| tns:RepID              | s:int                            |
| tns:ReplicatedSiteText | s:string                         |
| tns:SponsorName        | s:string                         |
| tns:SponsorPhone       | s:string                         |
| tns:SponsorRepDID      | s:string                         |
| tns:CustomFields       | tns:ArrayOfCustomReplicatedField |



**Element: tns:GetRepInfoResponse**

**Content Model**

Contains elements as defined in the following table.

| Component            | Type                  |
|----------------------|-----------------------|
| SEQUENCE             |                       |
| tns:GetRepInfoResult | tns:ReplicatedRepInfo |

## Element: tns:GetRepInfoResult [element GetRepInfoResponse]

### Content Model

Contains elements as defined in the following table.

| Component              | Type     |
|------------------------|----------|
| SEQUENCE               |          |
| tns:RequestID          | s:int    |
| tns:Success            | s:int    |
| tns:Message            | s:string |
| tns:RepID              | s:int    |
| tns:RepDID             | s:string |
| tns:Name               | s:string |
| tns:Email              | s:string |
| tns:BillStreet1        | s:string |
| tns:BillStreet2        | s:string |
| tns:BillCity           | s:string |
| tns:BillState          | s:string |
| tns:BillPostalCode     | s:string |
| tns:Phone1             | s:string |
| tns:Phone3             | s:string |
| tns:PictureFilename    | s:string |
| tns:ReplicatedSiteText | s:string |

# Element: tns:GetRepSocialNetworks

## Content Model

Contains elements as defined in the following table.

| Component     | Type            |
|---------------|-----------------|
| SEQUENCE      |                 |
| tns:creds     | tns:Credentials |
| tns:RepNumber | s:string        |
| tns:IP        | s:string        |

## Element: tns:GetRepSocialNetworksResponse

### Content Model


Contains elements as defined in the following table.

| Component                      | Type                          |
|--------------------------------|-------------------------------|
| SEQUENCE                       |                               |
| tns:GetRepSocialNetworksResult | tns:RepSocialNetworksResponse |

## Element: tns:GetRepSocialNetworksResult [element GetRepSocialNetworksResponse]

### Content Model

Contains elements as defined in the following table.

| Component  | Type                        |
|--|-----------------------------|
|  SEQUENCE |                             |
| tns:RequestID  | s:int                       |
| tns:Success  | s:int                       |
| tns:Message  | s:string                    |
| tns:RepSocialNetworkArray  | tns:ArrayOfRepSocialNetwork |

**Element: tns:ImageFileName [type RepSocialNetwork]**

## **Element: tns:IP [element GetRepSocialNetworks]**

**Element: tns:IP [element VerifyReplicatedSiteContentManager]**



**Element: tns:IP [element VerifyRepURL]**

**Element: tns:LastName [type ReplicatedReplInfo\_v2]**

**Element: tns:LastName [type ReplicatedReplInfo\_v3]**

**Element: tns:Locale [type ReplicatedRepInfo\_v2]**

**Element: tns:Locale [type ReplicatedRepInfo\_v3]**

**Element: tns:LocaleID [type RepLocaleInfo]**

## **Element: tns:Message [type GenericResponse]**

**Element: tns:Name [type CustomReplicatedField]**



**Element: tns:Name [type ReplicatedRepInfo]**

**Element: tns:Name [type ReplicatedReplInfo\_v2]**

**Element: tns:Name [type ReplicatedReplInfo\_v3]**

## **Element: tns:Password [type Credentials]**

**Element: tns:Phone1 [type ReplicatedRepInfo]**

**Element: tns:Phone1 [type ReplicatedReplInfo\_v2]**

**Element: tns:Phone1 [type ReplicatedReplInfo\_v3]**

**Element: tns:Phone3 [type ReplicatedRepInfo]**



## **Element: tns:Phone3 [type ReplicatedReplInfo\_v2]**

**Element: tns:Phone3 [type ReplicatedReplInfo\_v3]**

**Element: tns:PictureFilename [type ReplicatedReplInfo]**

**Element: tns:PictureFilename [type ReplicatedReplInfo\_v2]**

**Element: tns:PictureFilename [type ReplicatedReplInfo\_v3]**

**Element: tns:RankTypeDescr [type ReplicatedRepInfo\_v2]**

**Element: tns:RankTypeDescr [type ReplicatedRepInfo\_v3]**

**Element: tns:RankTypeID [type ReplicatedRepInfo\_v2]**



**Element: tns:RankTypeID [type ReplicatedRepInfo\_v3]**

**Element: tns:RepDID [type ReplicatedRepInfo]**

**Element: tns:RepDID [type ReplicatedRepInfo\_v2]**

**Element: tns:RepDID [type ReplicatedRepInfo\_v3]**

**Element: tns:RepDID [type RepLocaleInfo]**

**Element: tns:RepID [type ReplicatedRepInfo]**

**Element: tns:RepID [type ReplicatedRepInfo\_v2]**

**Element: tns:RepID [type ReplicatedRepInfo\_v3]**



## **Element: tns:Replicated [element GetRepInfo]**

## **Element: tns:Replicated [element GetRepInfo\_v2]**

## **Element: tns:Replicated [element GetRepInfo\_v3]**

**Element: tns:ReplicatedSiteText [type ReplicatedReplInfo]**

**Element: tns:ReplicatedSiteText [type ReplicatedReplInfo\_v2]**

**Element: tns:ReplicatedSiteText [type ReplicatedReplInfo\_v3]**

**Element: tns:RepLocale [element SetRepLocale]**

**Content Model**

Contains elements as defined in the following table.

| Component    | Type     |
|--------------|----------|
| SEQUENCE     |          |
| tns:RepDID   | s:string |
| tns:LocaleID | s:string |

**Element: tns:RepNumber [element GetRepSocialNetworks]**



**Element: tns:RepNumber [type RepSocialNetwork]**

**Element: tns:RepSocialNetwork [type ArrayOfRepSocialNetwork]**

**Content Model**

Contains elements as defined in the following table.

| Component                  | Type     |
|----------------------------|----------|
| SEQUENCE                   |          |
| tns:RepNumber              | s:string |
| tns:Description            | s:string |
| tns:ImageFileName          | s:string |
| tns:SocialNetworkingSiteID | s:string |
| tns:Abbreviation           | s:string |
| tns:FullURL                | s:string |

**Element: tns:RepSocialNetworkArray [type RepSocialNetworksResponse]**

**Content Model**

Contains elements as defined in the following table.

| Component            | Type                 |
|----------------------|----------------------|
| SEQUENCE             |                      |
| tns:RepSocialNetwork | tns:RepSocialNetwork |

## **Element: tns:RepURL [element VerifyRepURL]**

**Element: tns:RequestID [type GenericResponse]**

# Element: tns:SetRepLocale

## Content Model

Contains elements as defined in the following table.

| Component       | Type              |
|-----------------|-------------------|
| SEQUENCE        |                   |
| tns:Credentials | tns:Credentials   |
| tns:RepLocale   | tns:RepLocaleInfo |

**Element: tns:SetRepLocaleResponse**


**Content Model**

Contains elements as defined in the following table.

| Component              | Type                |
|------------------------|---------------------|
| SEQUENCE               |                     |
| tns:SetRepLocaleResult | tns:GenericResponse |

**Element: tns:SetRepLocaleResult [element SetRepLocaleResponse]****Content Model**

Contains elements as defined in the following table.

| Component  | Type     |
|--|----------|
|  SEQUENCE |          |
| tns:RequestID  | s:int    |
| tns:Success  | s:int    |
| tns:Message  | s:string |



**Element: tns:SocialNetworkingSiteID [type RepSocialNetwork]**

**Element: tns:SponsorName [type ReplicatedRepInfo\_v2]**

**Element: tns:SponsorName [type ReplicatedRepInfo\_v3]**

**Element: tns:SponsorPhone [type ReplicatedRepInfo\_v2]**

**Element: tns:SponsorPhone [type ReplicatedRepInfo\_v3]**

**Element: tns:SponsorRepDID [type ReplicatedRepInfo\_v2]**

**Element: tns:SponsorRepDID [type ReplicatedRepInfo\_v3]**

## **Element: tns:Success [type GenericResponse]**



## **Element: tns:Token [type Credentials]**

## **Element: tns:UrlReferrer [element GetRepInfo]**

**Element: tns:UrlReferrer [element GetRepInfo\_v2]**

**Element: tns:UrlReferrer [element GetRepInfo\_v3]**

**Element: tns:Username [element VerifyReplicatedSiteContentManager]**


## **Element: tns:Username [type Credentials]**

**Element: tns:Value [type CustomReplicatedField]**

## Element: tns:VerifyReplicatedSiteContentManager

### Content Model

Contains elements as defined in the following table.

| Component  | Type            |
|--|-----------------|
|  SEQUENCE |                 |
| tns:creds  | tns:Credentials |
| tns:Username   | s:string        |
| tns:IP   | s:string        |



## Element: tns:VerifyReplicatedSiteContentManagerResponse

### Content Model

Contains elements as defined in the following table.

| Component                                    | Type      |
|--|-----------|
| SEQUENCE                                     |           |
| tns:VerifyReplicatedSiteContentManagerResult | s:boolean |

**Element: tns:VerifyReplicatedSiteContentManagerResult [element  
VerifyReplicatedSiteContentManagerResponse]**

## Element: tns:VerifyRepURL

### Content Model

Contains elements as defined in the following table.

| Component  | Type            |
|------------|-----------------|
| SEQUENCE   |                 |
| tns:creds  | tns:Credentials |
| tns:RepURL | s:string        |
| tns:IP     | s:string        |

## Element: tns:VerifyRepURLResponse

### Content Model

Contains elements as defined in the following table.

| Component              | Type                |
|------------------------|---------------------|
| SEQUENCE               |                     |
| tns:VerifyRepURLResult | tns:GenericResponse |

**Element: tns:VerifyRepURLResult [element VerifyRepURLResponse]****Content Model**

Contains elements as defined in the following table.

| Component     | Type     |
|---------------|----------|
| SEQUENCE      |          |
| tns:RequestID | s:int    |
| tns:Success   | s:int    |
| tns:Message   | s:string |

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