

 Uniware

 Your consort to the eCommerce Middleware

 SOAP API

#### Document Revision History

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# Preface

The document intends to take the reader through the details of the SOAP API service as provided by Uniware for the various business functions across different clients.

Contents

[Introduction 5](#_Toc381196070)

[Security 5](#_Toc381196071)

[SOAP Request Envelope 6](#_Toc381196072)

[Sandbox 6](#_Toc381196073)

[Request Structure 7](#_Toc381196074)

[Response Structure 8](#_Toc381196075)

[Error Responses 10](#_Toc381196076)

[Warning Responses 11](#_Toc381196077)

[Filters 11](#_Toc381196078)

[API End points 13](#_Toc381196079)

[API Operations 14](#_Toc381196080)

[Create Or Edit Item Type 14](#_Toc381196081)

[Create Sale Order 18](#_Toc381196082)

[Get Sale Order Details 26](#_Toc381196083)

[Cancel Sale Order 31](#_Toc381196084)

# Introduction

The Uniware SOAP API comprises API definitions for different business operations, which would involve many steps in the process of Order Fulfillment, Vendor Management and Sales & Purchases. The core structures <request> and <response> form the basis of the SOAP XML for each API.

# Security

The SOAP API service is protected to allow only an authorized access to it. Thus, the APIs will require:

* An API username and
* API password

for authentication.

<wsse:Security soapenv:mustUnderstand="1" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">

 <wsse:UsernameToken wsu:Id="UsernameToken-5">

 ***<wsse:Username>xyz@unicommerce.com</wsse:Username>***

 ***<wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">xyz@123</wsse:Password>***

 <wsse:Nonce EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary">nvPjKUgjKSIcKYcsJdiVSg==</wsse:Nonce>

 <wsu:Created>2012-12-20T19:49:43.570Z</wsu:Created>

 </wsse:UsernameToken>

 </wsse:Security>

Authentication failure denies access to the API service.

|  |  |  |  |
| --- | --- | --- | --- |
| Element | Data type | Description | Sample values |
| <username> | Alphanumeric | Your API username, as set in the system. | “xyz@unicommerce.com” |
| <password> | Alphanumeric, | Your API password, which you must specify with the username. | “xyz@123” |

# SOAP Request Envelope

A SOAP envelope consists of the header and the body. While the header contains security parameters to authorize a user, the body contains elements specific to an API. The following diagram illustrates the contents of a SOAP envelope:

 SOAP Request Envelope

 API user credentials

Elements specific to a particular API

 Header

Body

# Sandbox

Sandbox is typically known as a security mechanism, providing a confined environment, where you can do anything without propagating its effects on the outside. In general, it is an isolated computing environment used for testing.

We at Unicommerce use sandbox to execute the API requests against the production environment for development and testing purposes.

The Sandbox API must be accessed with the following credentials:

Username 🡪 Sandbox

Password 🡪 91561781f43921dd2803fa63a7ee5519

# Request Structure

The following description of the SOAP request structure shows the elements required by the API, it contains the header and the body:

General structure of SOAP Request

<soapenv:Envelope xmlns:ser="http://uniware.unicommerce.com/services/" xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">

 <soapenv:Header>

 <wsse:Security soapenv:mustUnderstand="1" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">

 <wsse:UsernameToken wsu:Id="UsernameToken-1">

 <wsse:Username>staging</wsse:Username>

 <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">staging</wsse:Password>

 <wsse:Nonce EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary">kscIjg0DVsIcWj5JExeUfQ==</wsse:Nonce>

 <wsu:Created>2014-01-24T06:29:58.415Z</wsu:Created>

 </wsse:UsernameToken>

 </wsse:Security>

 </soapenv:Header>

 <soapenv:Body>

 <ser:GetPurchaseOrderDetailRequest>

 <ser:PurchaseOrderCode>UL-MUM/13-14/53</ser:PurchaseOrderCode>

 </ser:GetPurchaseOrderDetailRequest>

 </soapenv:Body>

</soapenv:Envelope>

# Response Structure

The typical Response structure contains the header and the body. The body contains the response for the SOAP request made.

General structure of the SOAP response:

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">

 <SOAP-ENV:Header/>

 <SOAP-ENV:Body>

 <GetPurchaseOrderDetailResponse xmlns="http://uniware.unicommerce.com/services/">

 ***<Successful>true</Successful>***

 <Id>11371</Id>

 <Code>UL-MUM/13-14/53</Code>

 <Type>CART</Type>

 <FromParty>mumbai</FromParty>

 <StatusCode>COMPLETE</StatusCode>

 <VendorCode>IN0025</VendorCode>

 <VendorName>Essentials</VendorName>

 <Created>2013-12-19T08:30:37Z</Created>

 <VendorAgreementName>IN00025</VendorAgreementName>

 <InflowReceiptsCount>1</InflowReceiptsCount>

 <CustomFields/>

 <PurchaseOrderItems>

 <PurchaseOrderItem>

 <Id>8874</Id>

 <ItemSKU>FNSF51LDSL30321</ItemSKU>

 <ItemTypePageUrl/>

<ItemTypeName>Lloyd Steel Standard Set 3-2-1</ItemTypeName>

 <VendorSkuCode>FNSF51LDSL30321</VendorSkuCode>

 <Quantity>4</Quantity>

 <RejectedQuantity>2</RejectedQuantity>

 <PendingQuantity>0</PendingQuantity>

 <UnitPrice>27537.00</UnitPrice>

 <MaxRetailPrice>56999.00</MaxRetailPrice>

 <Discount>0.00</Discount>

 <DiscountPercentage>0.00</DiscountPercentage>

 <Subtotal>96621.05</Subtotal>

 <Total>110148.00</Total>

 </PurchaseOrderItem>

 </PurchaseOrderItems>

 <PartyAddress>

 <AddressType>SHIPPING</AddressType>

 <AddressTypeName>Shipping Address</AddressTypeName>

 <StateCode>MH</StateCode>

 <StateName>Maharashtra</StateName>

 <CountryCode>IN</CountryCode>

 <AddressLine1>F-5, Nand dham Industrial Estate,</AddressLine1>

 <AddressLine2>Near Marol Fire Brigade, Opp. Marol Gaon Bus stop</AddressLine2>

 <City>Mumbai</City>

 <Pincode>400059</Pincode>

 <Phone>0000000000</Phone>

 <Enabled>true</Enabled>

 </PartyAddress>

 </GetPurchaseOrderDetailResponse>

 </SOAP-ENV:Body>

</SOAP-ENV:Envelope>

# Error Responses

If an API request contains some error, the SOAP response contains the Error element. An error must be corrected prior to complete execution of the request initiated.

The general structure of an error message is as follows:

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">

 <SOAP-ENV:Header/>

 <SOAP-ENV:Body>

 <GetPurchaseOrderDetailResponse xmlns="http://uniware.unicommerce.com/services/">

 <Successful>false</Successful>

 <Errors>

 <Error code="80060" description="Invalid purchase order code" message="INVALID\_PURCHASE\_ORDER\_CODE"/>

 </Errors>

 <PurchaseOrderItems/>

 </GetPurchaseOrderDetailResponse>

 </SOAP-ENV:Body>

</SOAP-ENV:Envelope>

It contains:

The Error Code

Error Message

Description (optional)

|  |  |  |  |
| --- | --- | --- | --- |
| Element | Data type | Description | Sample values |
| Code | Numeric | The error code as returned in the SOAP response. | “80060” |
| Message | Alphanumeric | The error message set for the error code. | “INVALID\_PURCHASE\_ORDER\_CODE” |
| Description | Alphanumeric | An optional response, to describe the error. | “The purchase order code is invalid” |

# Warning Responses

A "Warning" response alerts you to a potential trouble with your data which may require additional explanation.

It contains:

The Warning Code

Warning Message

Description (optional)

|  |  |  |
| --- | --- | --- |
| Element | Data type | Description |
| Code | Numeric | The warning code as returned in the SOAP response. |
| Message | Alphanumeric | The warning message set for the warning code. |
| Description | Alphanumeric | An optional response, to describe the warning. |

# Filters

Much of the Web Service Enhancement functionality is enveloped in a set of filters contained in incoming and outgoing channels that connect the client and the servers hosting them. These filters are used in alliance with the base classes to pass information to and from the code. Filters are applied to a SOAP request in order to enable the feature of modifying a SOAP response.

For an API result, you might require a result set in between a date range or its current status. These APIs contain the filters (wherever applicable) and provide accurate results, as desired.

The general structure to illustrate a filter application in a request sent:

<soapenv:Envelope xmlns:ser="http://uniware.unicommerce.com/services/" xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">

 <soapenv:Header>

 <wsse:Security soapenv:mustUnderstand="1" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">

 <wsse:UsernameToken wsu:Id="UsernameToken-3">

 <wsse:Username>staging</wsse:Username>

 <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">staging</wsse:Password>

 <wsse:Nonce EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary">W+j2ESLu6risoqYDtILFmg==</wsse:Nonce>

 <wsu:Created>2014-01-23T07:34:33.471Z</wsu:Created>

 </wsse:UsernameToken>

 </wsse:Security>

 </soapenv:Header>

 <soapenv:Body>

 <ser:GetPurchaseOrdersRequest>

</soapenv:Envelope>

</ser:GetPurchaseOrdersRequest>

 </soapenv:Body>

<!--Optional:-->

 <ser:ApprovedDateRange>

 <ser:Start>?</ser:Start>

 <ser:End>?</ser:End>

 </ser:ApprovedDateRange>

 <!--Optional:-->

 <ser:CreatedDateRange>

 <ser:Start>?</ser:Start>

 <ser:End>?</ser:End>

 </ser:CreatedDateRange>

# API End points

The table below includes the end point specific path that gives the URI for each end point. The first link is that for the sandbox while the second one can be used for respective clients (replacing the respective tenant name). The link will take you to the detailed documentation for each API for that endpoint:

|  |  |
| --- | --- |
| To do this: | Use the endpoint: |
| Create or Edit Item Type | [https://staging.unicommerce.com:443/services/soap/?version=1.5&facility=02](#_Create_Or_Edit) |
|  | [https://tenant\_name.unicommerce.com:443/services/soap/?version=1.5&facility=02](#_Create_Or_Edit) |
| Create Sale Order | [https://staging.unicommerce.com:443/services/soap/?version=1.5&facilty=02](#_Create_Or_Edit) |
|  | [https://tenant\_name.unicommerce.com:443/services/soap/?version=1.5&facility=02](#_Create_Sale_Order) |
| Get Sale Order Details | [https://staging.unicommerce.com:443/services/soap/?version=1.5&facilty=02](#_Get_Sale_Order) |
|  | [https://tenant\_name.unicommerce.com:443/services/soap/?version=1.5&facility=02](#_Get_Sale_Order) |
| Cancel Sale Order | [https://staging.unicommerce.com:443/services/soap/?version=1.5&facility=02](#_Cancel_Sale_Order) |
|  | [https://tenant\_name.unicommerce.com:443/services/soap/?version=1.5&facility=02](#_Cancel_Sale_Order) |
| Create PO |  |
|  |  |

# API Operations

## Create or Edit Item Type

**Description:**

The API creates or edits an existing item type in the system. An item type is defining a product in the system where you give the product details like which product category it belongs to, its SKU and the name to identify it, along with the other physical aspects to construe it.

**API:**

<soapenv:Envelope xmlns:ser="http://uniware.unicommerce.com/services/" xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">

 <soapenv:Header>

 <wsse:Security soapenv:mustUnderstand="1" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">

 <wsse:UsernameToken wsu:Id="UsernameToken-1">

 <wsse:Username>staging</wsse:Username>

 <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">staging</wsse:Password>

 <wsse:Nonce EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary">/awo/KlOKvxwOu4Ga6mU6g==</wsse:Nonce>

 <wsu:Created>2014-01-23T06:52:54.050Z</wsu:Created>

 </wsse:UsernameToken>

 </wsse:Security>

 </soapenv:Header>

 <soapenv:Body>

 <ser:CreateOrEditItemTypeRequest>

 <ser:CategoryCode>?</ser:CategoryCode>

 <ser:ItemSKU>?</ser:ItemSKU>

 <ser:Name>?</ser:Name>

 <!--Optional:-->

 <ser:Description>?</ser:Description>

 <!--Optional:-->

 <ser:ScanIdentifier>?</ser:ScanIdentifier>

<ser:Length>?</ser:Length>

 <ser:Width>?</ser:Width>

 <ser:Height>?</ser:Height>

 <ser:Weight>?</ser:Weight>

 <!--Optional:-->

 <ser:MinOrderSize>?</ser:MinOrderSize>

 <!--Optional:-->

 <ser:Color>?</ser:Color>

 <!--Optional:-->

 <ser:Brand>?</ser:Brand>

 <!--Optional:-->

 <ser:Size>?</ser:Size>

 <!--Optional:-->

 <ser:MRP>?</ser:MRP>

 <!--Optional:-->

 <ser:TaxTypeCode>?</ser:TaxTypeCode>

 <!--Optional:-->

 <ser:Features>?</ser:Features>

 <!--Optional:-->

 <ser:ImageURL>?</ser:ImageURL>

 <!--Optional:-->

 <ser:ProductPageUrl>?</ser:ProductPageUrl>

 <!--Optional:-->

 <ser:RequiresCustomization>?</ser:RequiresCustomization>

 <!--Optional:-->

 <ser:ItemDetailFields>?</ser:ItemDetailFields>

 <!--Optional:-->

 <ser:Tags>

<!--1 or more repetitions:-->

 <ser:Tag>?</ser:Tag>

 </ser:Tags>

 <!--Optional:-->

 <ser:CustomFields>

 <!--1 or more repetitions:-->

 <ser:CustomField name="?" value="?"/>

 </ser:CustomFields>

 </ser:CreateOrEditItemTypeRequest>

 </soapenv:Body>

</soapenv:Envelope>

**API parameters:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | Data type | Description | Sample values | Mandatory |
| Category code | Alphanumeric | The code to identify the product category for an item. | “M121111” | YES |
| Item SKU | Alphanumeric | The SKU code to identify an item uniquely. | “ACMRRC11MH30002” | YES |
| Name | Alphanumeric | The product name as defined in Uniware. | “Jeans” | YES |
| Description | Alphanumeric | The product description to identify the item. | “Blue denims with bell bottoms”  | NO |
| Scan Identifier | Alphanumeric | The scanned bar code for any item. | “ACMRRC11MH30002” | NO |
| Length | Numeric  | The product length measurement in millimeters. | “6789” | YES |
| Width | Numeric | The product width measurement in millimeters. | “500” | YES |
| Height | Numeric | The product height measurement in millimeters. | “1000” | YES |
| Weight | Numeric | The product weight in grams. | “500” | YES |
| Color | Alphanumeric | Color of the product to identify the item | “blue” | NO |
| Brand | Alphanumeric | Name of the brand to which the item belongs. | “Lee Cooper” | NO |
| Size | Alphanumeric | Specific to apparels, the size to recognize a particular item. | “M” or “36” | NO |
| MRP | Decimal | The Maximum Retail Price of an item to be sold at. | “1000.00” or “99.50” | NO |
| Tax Type Code | Numeric | The tax type associated with a product, for correct computation of its selling price. | “VAT”  | NO |
| Image URL | Alphanumeric | The URL to get the product image for its visual identification. | “<http://cms-ip.s3.amazonaws.com/MOBMXA7H6UREIKZA_5134734_-1x-1.jpg>” | NO |
| Product page URL | Alphanumeric | The URL to get the product details on the web for its identification. | “<http://www.flipkart.com/apple-iphone-4/p/itmdkmjudzfchzf5>?” | NO |

**Request:**

<soapenv:Envelope xmlns:ser="http://uniware.unicommerce.com/services/" xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">

 <soapenv:Header>

 <wsse:Security soapenv:mustUnderstand="1" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">

 <wsse:UsernameToken wsu:Id="UsernameToken-1">

 <wsse:Username>staging</wsse:Username>

 <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">staging</wsse:Password>

 <wsse:Nonce EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary">/awo/KlOKvxwOu4Ga6mU6g==</wsse:Nonce>

 <wsu:Created>2014-01-23T06:52:54.050Z</wsu:Created>

 </wsse:UsernameToken>

 </wsse:Security>

 </soapenv:Header>

 <soapenv:Body>

 <ser:CreateOrEditItemTypeRequest>

 <ser:CategoryCode>***121111***</ser:CategoryCode>

 <ser:ItemSKU>***ACMRRC11MH30002***</ser:ItemSKU>

 <ser:Name>***Damara Mirror with Shelves***</ser:Name>

 <ser:Length>***10***</ser:Length>

 <ser:Width>***19***</ser:Width>

 <ser:Height>***50***</ser:Height>

 <ser:Weight>***89***</ser:Weight>

 </ser:CreateOrEditItemTypeRequest>

 </soapenv:Body>

</soapenv:Envelope>

**Response:**

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">

 <SOAP-ENV:Header/>

 <SOAP-ENV:Body>

 <CreateOrEditItemTypeResponse xmlns="http://uniware.unicommerce.com/services/">

 <Successful>***true***</Successful>

 </CreateOrEditItemTypeResponse>

 </SOAP-ENV:Body>

</SOAP-ENV:Envelope>

**Error Codes:**

With the tag <Successful>***false***</Successful>, the system throws an error. The error codes are as defined below:

|  |  |
| --- | --- |
| Error Message | Description |
| (100012, "INVALID\_TAG")  | Tag name doesn't exist |
| (100013, "INVALID\_SHIP\_TOGETHER\_VALUE")  | Invalid value for ship together |
| (10013, "INVALID\_CATEGORY\_CODE")  | Invalid Category Code |

[Go back to API introduction](#_Introduction)

## Get Sale Order Details

**Description:**

This API is used to get the details of the Sales Order residing in the system. A Sales Order should record the customer's originating [purchase order](http://en.wikipedia.org/wiki/Purchase_order) which is an external document. A Sales Order is an internal document of the company.

**API:**

 <soapenv:Envelope xmlns:ser="http://uniware.unicommerce.com/services/" xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">

 <soapenv:Header>

 <wsse:Security soapenv:mustUnderstand="1" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">

 <wsse:UsernameToken wsu:Id="UsernameToken-4">

 <wsse:Username>staging</wsse:Username>

 <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">staging</wsse:Password>

 <wsse:Nonce EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary">dWsyd3j1QGwBDFkPEDHXfQ==</wsse:Nonce>

 <wsu:Created>2014-02-26T10:13:53.787Z</wsu:Created>

 </wsse:UsernameToken>

 </wsse:Security>

 </soapenv:Header>

 <soapenv:Body>

 <ser:GetSaleOrderRequest>

 <ser:SaleOrder>

 <ser:Code>?</ser:Code>

 </ser:SaleOrder>

 </ser:GetSaleOrderRequest>

 </soapenv:Body>

</soapenv:Envelope>

**API parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Data type | Description | Sample values |
| Code | Alphanumeric | The Sales Order code in the system to identify a particular Sales Order. | “SO1000056-0-0” |

**Request:**

<soapenv:Envelope xmlns:ser="http://uniware.unicommerce.com/services/" xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">

 <soapenv:Header>

 <wsse:Security soapenv:mustUnderstand="1" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">

 <wsse:UsernameToken wsu:Id="UsernameToken-4">

 <wsse:Username>staging</wsse:Username>

 <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">staging</wsse:Password>

 <wsse:Nonce EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary">dWsyd3j1QGwBDFkPEDHXfQ==</wsse:Nonce>

 <wsu:Created>2014-02-26T10:13:53.787Z</wsu:Created>

 </wsse:UsernameToken>

 </wsse:Security>

 </soapenv:Header>

 <soapenv:Body>

 <ser:GetSaleOrderRequest>

 <ser:SaleOrder>

 <ser:Code>***SO1000056***</ser:Code>

 </ser:SaleOrder>

 </ser:GetSaleOrderRequest>

 </soapenv:Body>

</soapenv:Envelope>

**Response:**

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">

 <SOAP-ENV:Header/>

 <SOAP-ENV:Body>

 <GetSaleOrderResponse xmlns="http://uniware.unicommerce.com/services/">

 <Successful>***true***</Successful>

 <SaleOrder>

 <Code>***SO1000056***</Code>

 <DisplayOrderCode>***SO1000056***</DisplayOrderCode>

 <Channel>***CUSTOM***</Channel>

 <DisplayOrderDateTime>***2014-02-26T06:56:53Z***</DisplayOrderDateTime>

 <Status>***PROCESSING***</Status>

 <NotificationEmail/>

 <CreatedOn>***2014-02-26T06:57:14Z***</CreatedOn>

 <UpdatedOn>***2014-02-26T06:57:21Z***</UpdatedOn>

 <CashOnDelivery>***true***</CashOnDelivery>

 <Addresses>

 <Address id="121317">

 <Name>***ashishttt***</Name>

 <AddressLine1>***jsjsh***</AddressLine1>

 <AddressLine2>***jjhjh***</AddressLine2>

 <City>***hjjh***</City>

 <State>***AN***</State>

 <Country>***IN***</Country>

 <Pincode>***122001***</Pincode>

 <Phone>***0872627222***</Phone>

 </Address>

<SaleOrderItems>

 <SaleOrderItem>

 <Code>***SO1000056-0-0***</Code>

 <StatusCode>***FULFILLABLE***</StatusCode>

 <ItemSKU>***PRODCODE002***</ItemSKU>

 <ShippingMethodCode>***STD***</ShippingMethodCode>

 <ItemName>***TESTITEM002***</ItemName>

 <TotalPrice>***100.00***</TotalPrice>

 <SellingPrice>***100.00***</SellingPrice>

 <Discount>***0.00***</Discount>

 <ShippingPackageCode>***04P1000035***</ShippingPackageCode>

 <FacilityCode>***04***</FacilityCode>

 <ShippingCharges>***0.00***</ShippingCharges>

 <ShippingMethodCharges>***0.00***</ShippingMethodCharges>

 <CashOnDeliveryCharges>***0.00***</CashOnDeliveryCharges>

 <GiftWrapCharges>***0.00***</GiftWrapCharges>

 <ShippingAddress ref="***121317***"/>

 <Cancellable>***true***</Cancellable>

 <OnHold>***false***</OnHold>

 <CreatedOn>***2014-02-26T06:57:14Z***</CreatedOn>

 <UpdatedOn>***2014-02-26T06:57:21Z***</UpdatedOn>

 <CustomFields/>

 </SaleOrderItem>

 </SaleOrderItems>

<ShippingPackages>

 <ShippingPackage>

<ShipmentCode>***04P1000035***</ShipmentCode>

 <StatusCode>***PACKED***</StatusCode>

 <ShippingPackageType>***DEFAULT***</ShippingPackageType>

<CreatedOn>***2014-02-26T06:57:21Z***</CreatedOn>

 </ShippingPackage>

 </ShippingPackages>

 <CustomFields>

 <CustomField>

 <Name>***testingOrde***r</Name>

 </CustomField>

 </CustomFields>

 </SaleOrder>

 </GetSaleOrderResponse>

 </SOAP-ENV:Body>

</SOAP-ENV:Envelope>

**Error Codes:**

With the tag <Successful>***false***</Successful>, the system throws an error. The error codes are as defined below:

|  |  |
| --- | --- |
| Error Message | Description |
| (40005, "INVALID\_SALE\_ORDER\_CODE") | The Sales Order Code doesn't exist |

## Cancel Sale Order

**Description:**

The API enables you to cancel a Sale Order or a Sale Order Item. The reason to cancel a sale order can vary from the customer’s request for doing so to the non-availability of the given item.

**API:**

<soapenv:Envelope xmlns:ser="http://uniware.unicommerce.com/services/" xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">

 <soapenv:Header>

 <wsse:Security soapenv:mustUnderstand="1" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">

 <wsse:UsernameToken wsu:Id="UsernameToken-5">

 <wsse:Username>staging</wsse:Username>

 <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">staging</wsse:Password>

 <wsse:Nonce EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary">fFnlsJVjDKNAYiIjKz8OqQ==</wsse:Nonce>

 <wsu:Created>2014-02-26T10:39:57.346Z</wsu:Created>

 </wsse:UsernameToken>

 </wsse:Security>

 </soapenv:Header>

 <soapenv:Body>

 <ser:CancelSaleOrderRequest>

 <ser:SaleOrder>

 <ser:Code>?</ser:Code>

 <!--Optional:-->

 <ser:CancellationReason>?</ser:CancellationReason>

 <!--Optional:-->

 <ser:SaleOrderItems>

 <!--1 or more repetitions:-->

 <ser:SaleOrderItem>

 <ser:Code>?</ser:Code>

 </ser:SaleOrderItem>

 </ser:SaleOrderItems>

 </ser:SaleOrder>

 </ser:CancelSaleOrderRequest>

 </soapenv:Body>

</soapenv:Envelope>

**API parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Data type | Description | Sample values |
| Code | Alphanumeric | The Sales Order code in the system to identify a particular Sales Order. | “SO1000056-0-0” |

**Request:**

<soapenv:Envelope xmlns:ser="http://uniware.unicommerce.com/services/" xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">

 <soapenv:Header>

 <wsse:Security soapenv:mustUnderstand="1" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">

 <wsse:UsernameToken wsu:Id="UsernameToken-5">

 <wsse:Username>staging</wsse:Username>

 <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">staging</wsse:Password>

 <wsse:Nonce EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary">fFnlsJVjDKNAYiIjKz8OqQ==</wsse:Nonce>

 <wsu:Created>2014-02-26T10:39:57.346Z</wsu:Created>

 </wsse:UsernameToken>

 </wsse:Security>

 </soapenv:Header>

 <soapenv:Body>

 <ser:CancelSaleOrderRequest>

 <ser:SaleOrder>

 <ser:Code>***test25***</ser:Code>

</ser:SaleOrder>

 </ser:CancelSaleOrderRequest>

 </soapenv:Body>

</soapenv:Envelope>

**Response:**

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">

 <SOAP-ENV:Header/>

 <SOAP-ENV:Body>

 <CancelSaleOrderResponse xmlns="http://uniware.unicommerce.com/services/">

 <Successful>***true***</Successful>

 </CancelSaleOrderResponse>

 </SOAP-ENV:Body>

</SOAP-ENV:Envelope>

**Error Codes:**

With the tag <Successful>***false***</Successful>, the system throws an error. The error codes are as defined below:

|  |  |
| --- | --- |
| Error Message | Description |
| (40005, "INVALID\_SALE\_ORDER\_CODE")  | The Sales Order Code doesn't exist |
| (40010, "INVALID\_SALE\_ORDER\_ITEM\_STATE") | SaleOrderItem[code] can't be cancelled in this state |
| (40003, "INVALID\_SALE\_ORDER\_ITEM\_CODE") | Invalid SaleOrderItem codes :[code1|code2] |