



# **SYSTEMS INTEGRATION**

## Partner API Integration

Monday, April 13, 2015

**The following sections describe the process of integrating with the Eldorado fulfillment systems. Unless otherwise noted, each level of integration as described below is required to participate in this program. This document is intended to provide instruction at a technical level and will assume a moderate amount of technical knowledge. For questions regarding the contents of this document, please contact The Eldorado Fulfillment specialists at [dropship@eldorado.net](mailto:dropship@eldorado.net).**

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# NOTES ABOUT XML API

## CHARACTER ENCODING

All requests to the Eldorado API should be encoded in **UTF-8** format. API requests sent using other character formats such as UTF-16 or ISO-8859-1 will not be processed correctly and may lead to errors or unexpected responses.

## CDATA

The Eldorado API does not currently support the XML CDATA tag so any requests sent should not be encoded using CDATA.

## KEY CHECK

With every XML transaction (stock checks, shipping updates and orders), a block of XML is transmitted from your server to the Eldorado-Partner server. Each block of XML **MUST** contain a field called 'key.' This is a store-specific identifier (similar to a username and password bundled into your key).

Obtaining a key: For your store to communicate with Eldorado, you must acquire this key. To do so, please provide Eldorado with your store domain (for example, [www.mystore.com](http://www.mystore.com)), partnerID and your store's IP address. Eldorado will use this information, along with your customer id to generate your store's key.

*NOTE: Your public IP address may not be what you think. Often times a domain on a server has an IP address but when that server communicates with the outside world, it is the server IP address that is broadcast. If you provide an incorrect IP address your key will not work.*

*NOTE: You must notify Eldorado if your IP address changes. Your key must match the IP address that Eldorado has on record or your transactions will fail.*

## Example

If you are provided with the key 1a2aa3456aaaa789a0a123456a7a890a then your XML would contain the following: `<key>1a2aa3456aaaa789a0a123456a7a890a</key>`

This key will be processed before the rest of your XML and if it fails to pass, the transaction will be rejected.

## IMAGES

Items offered by Eldorado have four images associated with them. In most cases, there is a small image, a medium image, a large image, and an extra large image. Each product offered by Eldorado also has a 'products\_model' assigned to it.

The image file names match the product's 'products\_model' (this is a product model number defined in the product information you will import from the XML or CSV feed. See the 'IMPORTS' section for more information).

For example: a product with a 'products\_model' of 1234 will have 4 corresponding image files (of varying size), each called 1234.jpg. Of these 4 images, one will be found in a directory named 'small', one will be in a directory named 'medium', one will be in a directory named 'large', and one will be found in a directory named 'xl'.

It is not necessary to use all 4 image versions; eldorado.net provides these as a convenience to their partner sites.

*NOTE: It is possible that one or more of the image files will not exist. In that case, we recommend that a generic 'Image Not Available' file should be displayed.*

Some products will have more than one image (due to different views), in which case the additional images will contain a suffix of a, b or c (e.g. 1234a.jpg).

Eldorado now offers direct web links to archives containing all images in 4 sizes: Small, Medium, Large, Extra Large. If you need to download individual product images you will need to follow the FTP instructions below:

Small Images Archive: <http://eldorado.net/images/zips/imageDirSmall.zip>

Medium Images Archive: <http://eldorado.net/images/zips/imageDirMedium.zip>

Large Images Archive: <http://eldorado.net/images/zips/imageDirLarge.zip>

Extra Large Images Archive: <http://eldorado.net/images/zips/XLImages.tar>

To acquire the latest image set for the Eldorado products, you will need to download images from the ftp server or from the eldorado.net website. Eldorado.net does not allow leeching or hot linking of images directly via http, however you may ask your account rep or contact [dropship@eldorado.net](mailto:dropship@eldorado.net) for access to the web based image archives on eldorado.net if you prefer to use http over ftp. For the purpose of this document we will discuss FTP.

FTP access <ftp://aphrodite.eldorado.net> (you will need to use an FTP client such as FileZilla). You will be provided a username and password when you sign up for your FTP partner account. Once connected, you should be automatically placed in a root directory containing several subdirectories. One of these subdirectories should be labeled 'images'.

Within the images directory you have 2 options :

- 📁 You can download tar files which contain all images of a specified size in a single archive file. These are in the images directory and are labeled by size.

- ❏ Or, you can download the image files by directory. From the images directory, you will see four subdirectories: 'small', 'medium', 'large', and 'xl'. Please note that if you are trying to download images singly, you will need to specify the image name you wish to download because the directory file cache limit on the ftp is set to 2000.

## QUANTITY CHECK

*In an effort to provide partner sites with current stock information, we have provided a quantity check API. This API allows partner sites to check an item's current stock level before purchase. It is recommended that this check be done at the shopping cart level as well as during checkout.*

*NOTE: Only one item can be checked at a time. If you wish to check multiple items you must send each separately you'll have to loop through them on your end and save responses individually.*

*NOTE: If there is insufficient stock, the product will be backordered. Delivery of the product will then take longer than normal. It is up to you to decide whether or not you wish to fulfill orders for products that are not in stock but once the order is received by Eldorado, it will be processed. If you do not wish to order products that are out of stock, you can run a quantity check before displaying items. If the item is out of stock you can either not display it or alert the customer that it is out of stock.*

### REST Quantity Check

To use the REST option, you will need to access the 'quantitycheck script by sending XML to <https://www.eldoradopartner.com/quantitycheck/>

The XML sent will need to use the POST method via port 443 (the default port for https). The product, the product identifier ('products\_model') and the stock needed should be provided in an XML block like this:

`<item></item>`

For example, to find out if there is enough stock to order 3 units of a product with the 'products\_model' 1234AB, and your store key is a2aa3456aaaa789a0a123456a7a890a, you would need to send the following XML:

`<key>a2aa3456aaaa789a0a123456a7a890a</key>  
<item>1234AB</item>`

To the following url <https://eldoradopartner.com/quantitycheck/> The following XML will be returned:

```
<quantity>
  <item>1234AB</item>
  <amount>41</amount>
</quantity>
```

If the item is out of stock, a quantity of 0 will be returned:

```
<quantity>
  <item>123AB</item>
  <amount>0</amount>
</quantity>
```

### **SOAP Quantity Check**

If you are familiar with SOAP and would like to use this protocol to check quantity, simply go to the following url:

<https://www.eldoradopartner.com/quantitycheck/wsQuantityCheck.php>

**Click on WSDL link to view WSDL (web service description) for the service.**

## **IMPORTS**

In order to manage the Eldorado products and their related attributes, you must have a database of product information. To keep your database up to date, we offer an XML file updated each day.

The XML can be found at <ftp://aphrodite.eldorado.net>. You should have been provided a username and password when you signed up for your eldorado.net partner account.

Once logged in, you should be automatically placed in a root directory containing several subdirectories. One of these subdirectories should be labeled 'exports' and inside this directory is a directory labeled 'xml'.

This directory contains the entire product line including product categories and description in XML format. It also contains an XML file with a list of all products deleted in the last 120 days. When a product is deleted, it will disappear from the product xml and appear in the deleted xml.

*NOTE: CSV feeds are also provided for legacy partners but these should be considered obsolete and any new implementations should use the XML feed for the most accurate and up-to-date data.*

## **XML FEEDS**

### **THE 'XML' DIRECTORY**

There are several files in this directory:

1. products.xml which is a structured XML file with every product in the Eldorado's inventory along with relevant information such as price, weight, category, etc.

The XML elements for a given product may include some or all of the following:

```
<PRODUCTS>
  <PRODUCTS_NAME></PRODUCTS_NAME>
  <PRODUCTS_DESCRIPTION></PRODUCTS_DESCRIPTION>
  <PRODUCTS_IMAGE></PRODUCTS_IMAGE>
  <PRODUCTS_PRICE></PRODUCTS_PRICE>
  <ITEM_UPC></ITEM_UPC>
  <ITEM_HEIGHT></ITEM_HEIGHT>
  <ITEM_LENGTH></ITEM_LENGTH>
  <ITEM_DIAMETER></ITEM_DIAMETER>
  <PRODUCTS_WEIGHT></PRODUCTS_WEIGHT>
  <MANUFACTURERS_NAME></MANUFACTURERS_NAME>
  <PRODUCTS_MODEL></PRODUCTS_MODEL>
  <PRODUCTS_QUANTITY></PRODUCTS_QUANTITY>
  <PROP_COLOR></PROP_COLOR>
  <PROP_PACKAGING></PROP_PACKAGING>
  <PROP_MATERIAL></PROP_MATERIAL>
  <PROP_TEXTURE></PROP_TEXTURE>
  <PROP_FRAGRANCE></PROP_FRAGRANCE>
  <PROP_FLAVOR></PROP_FLAVOR>
  <PROP_HERBAL></PROP_HERBAL>
  <PROP_SIZE></PROP_SIZE>
  <PROP_OUNCES></PROP_OUNCES>
  <PROP_CELEB></PROP_CELEB>
  <PROP_FUNCTION_1></PROP_FUNCTION_1>
  <PROP_FUNCTION_2></PROP_FUNCTION_2>
  <PROP_FUNCTION_3></PROP_FUNCTION_3>
  <PRODUCTS_TYPE></PRODUCTS_TYPE>
  <PRODUCTS_TYPE></PRODUCTS_TYPE>
  <PRODUCTS_TYPE></PRODUCTS_TYPE>
  <PRODUCTS_QUICKSEARCH></PRODUCTS_QUICKSEARCH>
  <PRODUCTS_QUICKSEARCH></PRODUCTS_QUICKSEARCH>
</PRODUCTS>
```

### Some notes on some of the less obvious XML fields:

- ⓘ The `<PRODUCTS_QUANTITY>` field should not be used by new partners and is only provided for legacy support as it's only updated once per day. Instead, use the quantity data contained in inventory.xml (which is updated hourly) for the most up-to-date stock information.
- ⓘ The `<DISCOUNT_ZERO>` field denotes a product that is not discountable (even if it is a closeout).
- ⓘ The `<PROP_FUNCTION_>` field denotes up to 3 different extra product characteristics such as 'Edible' or 'Sugar Free'.
- ⓘ The `<PRODUCTS_TYPE>` field is the category name to which the product belongs. For example – 'Holiday' or 'Costume'. Products may belong to up to 3 types.
- ⓘ The `<PRODUCTS_QUICKSEARCH>` field is a secondary category classification to which the product may or may not belong. For example – 'For Her' or 'Birthday'. There are 20 Quick Search categories – some products will not belong to any while some will belong to several.

*NOTE: In order to keep the XML file as lean as possible, if there is no data for a node, the node doesn't appear. For example, if the quantity is zero there would be no `<PRODUCTS_QUANTITY>` node; another example would be if there is no `<PROP_PACKAGING>` specified, that node would not appear.*

2. categories.xml which is a structured XML file that contains the suggested category layout.

```
<category>
  <categories_name> </categories_name>
  <categories_id></categories_id>
  <parent_id></parent_id>
  <sort_order></sort_order>
</category>
```

*Note: Categories given a parent\_id of 0 reflect a top level category.*

3. productsToCategories.xml which is a structured XML file that maps the products to their respective categories.

```
<product>
  <products_model></products_model>
  <categories_id></categories_id>
</product>
```



4. deletedProducts.xml which is a structured XML file listing all products deleted in the previous 120 days. As each item is deleted, it disappears from the products.xml and appears in the deletedProducts.xml. The products in the deletedProducts.xml page are listed by Model.

```
<PRODUCT>
  <DATE_INSERTED></DATE_INSERTED>
  <PRODUCTS_MODEL></PRODUCTS_MODEL>
</PRODUCT>
```

5. inactiveProducts.xml is a listing of products which are temporarily unavailable and have been flagged as “inactive” but have not been permanently deleted. This is intended to fill the gaps between the products.xml and deletedProducts.xml files and notify partners to temporarily disable products on this list.

```
<PRODUCT>
  <MODEL></MODEL>
  <UPDATED></UPDATED>
</PRODUCT>
```

6. inventory.xml is file with the most up-to-date inventory data for all products, updated hourly from the master server. Use this for automated updates of your store’s inventory.

```
<PRODUCT>
  <MODEL></MODEL>
  <QUANTITY></QUANTITY>
</PRODUCT>
```

7. MSP.xml contains a list of minimum advertised/sale prices along with sale restrictions for specific products and manufacturers. Entries in this file come in one of three varieties (these are example entries which may no longer be current):

Minimum sale price only:

```
<PRODUCT>
  <PRODUCTS_MODEL>6755-75</PRODUCTS_MODEL>
  <MAP_PRICE>8.99</MAP_PRICE>
</PRODUCT>
```

Sale restriction only:

```
<PRODUCT>
  <PRODUCTS_MODEL>9850-12PK</PRODUCTS_MODEL>
  <RESTRICTION>no Ebay/Amazon/3rd party online retail sites</RESTRICTION>
</PRODUCT>
```

MSP + Restriction:

```
<PRODUCT>
  <PRODUCTS_MODEL>MIN0001</PRODUCTS_MODEL>
  <MAP_PRICE>119</MAP_PRICE>
  <RESTRICTION>No Amazon</RESTRICTION>
</PRODUCT>
```

## SHIPPING NOTIFICATION

Shipping updates occur hourly 7am-7pm Sunday-Friday. When you wish to check for updates, you will send an XML request to [https://www.eldoradopartner.com/shipping\\_updates/index.php](https://www.eldoradopartner.com/shipping_updates/index.php). All XML should be sent using the POST method and through port 443 (the default port for https).

Included in the request will be two required pieces of information. First will be the 'order id'. This is the number you created when the order was first placed (for more information see SourceOrderNumber' in the 'Orders' section). The second piece of information is your 'customer account id.'

The 'customer account id' is specific to your site. The 'customer' is the site, not the person who placed the order. You should have been provided with a customer account id and the same one should be used for all orders.

There is also a third, optional piece of information which may be added. If you'd like to receive the shipping cost in your response (if it is available), you must pass in an 'Order shipping cost' flag of 'true'.

*NOTE: Only one order can be checked at a time. In other words, only one 'order id' and one 'customer account id' can be sent at a time. If you wish to check multiple orders you must send each separately (you'll have to loop through them on your end and save responses individually).*

**The XML for checking shipping status should be of the following form:**

```
<key></key>
<XML_Orders>
  <Order>
    <Order_id></Order_id>
    <Order_customer></Order_customer>
    <Order_shipping_cost></Order_shipping_cost>
  </Order>
</XML_Orders>
```

## **SHIPPING RESPONSES**

If the order id is found and an update is successfully sent back, you will receive XML of the following form:

```
<XML_Orders>
  <Order>
    <response_code></response_code>
    <web_order_number></web_order_number>
    <cod_amount></cod_amount>
    <tracking_number></tracking_number>
    <current_box_number></current_box_number>
    <no_of_boxes></no_of_boxes>
    <carrier_code></carrier_code>
    <service_code></service_code>
    <turns_invoice_number></turns_invoice_number>
    <date_shipment></date_shipment>
    <customer_account_no></customer_account_no>
    <expected_delivery></expected_delivery>
    <shipping_cost></shipping_cost>
  </Order>
</XML_Orders>
```

If the server successfully received your request but the order id is not found, you will receive XML of the following form:

```
<XML_Orders>
  <Order>
    <web_order_number></web_order_number>
    <customer_account_no></customer_account_no>
    <response_code></response_code>
  </Order>
</XML_Orders>
```

If the server has trouble processing your request you will receive XML of the following form:

```
<XML_Orders>
  <Order>
    <response_code> </response_code>
  </Order>
</XML_Orders>
```

### **SHIPPING NOTIFICATION EXAMPLES**

For example, if you want to check on order 123, your customer account id is 1234A, and your store key is 1a2aa3456aaaa789a0a123456a7a890a, you would need to send the following XML:

```
<key>1a2aa3456aaaa789a0a123456a7a890a</key>
<XML_Orders>
  <Order>
    <Order_id>123</Order_id>
    <Order_customer>1234A</Order_customer>
    <Order_shipping_cost>true</Order_shipping_cost>
  </Order>
</XML_Orders>
```

**A successful response would look something like the following:**

```
<XML_Orders>
  <Order>
    <response_code>RECORD</response_code>
    <web_order_number>123</web_order_number>
    <cod_amount>0.00</cod_amount>
    <tracking_number>123456789012</tracking_number>
    <current_box_number>1</current_box_number>
    <no_of_boxes>1</no_of_boxes>
    <carrier_code>FEXP</carrier_code>
    <service_code>PO</service_code>
    <turns_invoice_number>111111-11</turns_invoice_number>
    <date_shipment>10/3/2006</date_shipment>
    <customer_account_no>1234A</customer_account_no>
    <expected_delivery>10/10/2006</expected_delivery>
    <shipping_cost>9.99</shipping_cost>
  </Order>
</XML_Orders>
```

**If order id 123 is not found, you would receive the following:**

```
<XML_Orders>
  <Order>
    <web_order_number>123</web_order_number>
    <customer_account_no>1234A</customer_account_no>
    <response_code>NO_RECORD</response_code>
  </Order>
</XML_Orders>
```

**If the server fails to process your request you will receive the following:**

```
<XML_Orders>
  <Order>
    <response_code>BAD_REQUEST</response_code>
  </Order>
</XML_Orders>
```

## DISCOUNT INFORMATION

An API method is available which returns current discounts (if any) applicable to your partner account. Discounts are returned as percentages off the wholesale price listed in the products.xml file, on a per-product basis.

The XML for checking discounts should be of the following form (use your actual partner key and accountId when submitting requests):

```
<key>1a2b3c4d5e6f7g8h9i0j</key>
<accountId>12345F</accountId>
```

To the following url <https://eldoradopartner.com/discounts/>

## DISCOUNT RESPONSE

If the key and accountId fields are valid, a response in the following format will be returned (the actual response may contain many thousands of items):

```
<discounts>
  <item>
    <product_model>1018</product_model>
    <discount_percent>10</discount_percent>
  </item>
  <item>
    <product_model>1019</product_model>
    <discount_percent>15</discount_percent>
  </item>
</discounts>
```

## ORDER HISTORY

This method retrieves a list of orders made for a specified key/account id combination. Each entry will contain an order number (the source order number specified internally when placing an order), as well as a line-item list of products ordered, the quantity of each product ordered, and the shipping method.

*NOTE: Only orders made on or after 10/1/2010 will show up for order history requests. Orders made immediately prior to sending in a request will not show up until they have been processed and archived.*

For example, to get a complete list of all past orders for customer 12345 using a store key of 1a2aa3456aaaa789a0a123456a7a890, you would need to send the following XML:

```
<key>1a2aa3456aaaa789a0a123456a7a890</key>
<AccountId>12345</AccountId>
<type>website</type>
```

To the following url [https://eldoradopartner.com/order\\_history/](https://eldoradopartner.com/order_history/)

*NOTE: By default the order history returned will be for api orders but you may specify web vs api orders by inputting "website" vs "api" for the <type> field in the XML. The <type> field is optional and the results will default to api orders if omitted.*

Upon doing so, there will be one of two possible responses. If there are old orders, XML of the following structure will be passed back:

```
<history>
  <order>
    <orderid> </orderid>
    <item>
      <product_model> </product_model>
      <quantity> </quantity>
      <shipvia> </shipvia>
    </item>
  </order>
</history>
```

*NOTE: For each order, you will receive an individual <order> block, and for each item in an order you will receive an <item> block.*

**For example, if you have two previous orders, you might receive XML similar to:**

```
<history>
  <order>
    <orderid>10001</orderid>
    <item>
      <product_model>1234A</product_model>
      <quantity>1</quantity>
      <shipvia>M15</shipvia>
    </item>
  </order>
  <order>
    <orderid>10002</orderid>
    <item>
      <product_model>1234A</product_model>
      <quantity>3</quantity>
      <shipvia>M02</shipvia>
    </item>
    <item>
      <product_model>5678B</product_model>
      <quantity>6</quantity>
      <shipvia>M02</shipvia>
    </item>
  </order>
</history>
```

If there are no orders found, the following XML will be passed back:

```
<history>No Order History Found</history>
```

## OPEN ORDER CHECK

In an effort to provide partner sites with detailed information on their open orders, we have provided an open order items check API. This check will allow the partner site to check on all open orders items including items on back-order.

*NOTE: It is important to note that in the Eldorado system, orders are only considered “open” after being accepted by the system if they are unfulfilled. Therefore you will not receive a complete list of recent orders, but orders which have not been shipped or are backordered. The information returned is a listing of each item currently being processed as part of an order that has not yet shipped. A large amount of information is processed within this service – it may be necessary to increase connection timeouts and distinguish between no data being returned and your request timing out.*

For example, to find out the status on all open orders for customer 12345 using a store key of 1a2aa3456aaaa789a0a123456a7a890, you would need to send the following XML:

```
<key>1a2aa3456aaaa789a0a123456a7a890</key>
<AccountId>12345</AccountId>
```

To the following url [https://eldoradopartner.com/open\\_orders/](https://eldoradopartner.com/open_orders/) Upon doing so, there will be one of two possible responses. If there are open orders, XML of the following structure will be passed back:



```

<XML_OpenOrders>
  <openOrder>
    <ItemCode></ItemCode>
    <Description></Description>
    <ShippingType> </ShippingType>
    <EldoradoOrderNumber></EldoradoOrderNumber>
    <WebOrderNumber></WebOrderNumber>
    <OrderDate> </OrderDate>
    <Ordered></Ordered>
    <Delivered></Delivered>
    <Backordered></Backordered>
    <ItemExpectedDate></ItemExpectedDate>
    <TrackingNumberNonUSPS></TrackingNumberNonUSPS>
    <TrackingNumberUSPS></TrackingNumberUSPS>
    <InStock></InStock>
  </ openOrder >
</XML_ OpenOrders >

```

*NOTE: For each item, you will receive an individual <openOrder> block. For example, if you have two items in open orders, you might receive XML similar to the following:*

```

<XML_ OpenOrders >
  < openOrder >
    <ItemCode>1234</ItemCode>
    <Description>Plastic Cape - Black</Description>
    <ShippingType>UGR</ShippingType>
    <EldoradoOrderNumber>12345678</EldoradoOrderNumber>
    <WebOrderNumber>2468</WebOrderNumber>
    <OrderDate>12/29/2008</OrderDate>
    <Ordered>1</Ordered>
    <Delivered>0</Delivered>
    <Backordered>1</Backordered>
    <ItemExpectedDate></ItemExpectedDate>
    <TrackingNumberNonUSPS></TrackingNumberNonUSPS>
    <TrackingNumberUSPS></TrackingNumberUSPS>
    <InStock>12</InStock>
  </ openOrder >
</XML_ OpenOrders >

```

If there are no open orders, the following XML will be passed back (using 1234 as a sample customer account id):

```
<XML_OpenOrders >  
    <message>No Open Order Data Available For 1234</message>  
</XML_OpenOrders >
```

## ORDERS

When a customer on your site orders an Eldorado product, you must send information to Eldorado so that this order will be processed.

This should occur via an XML request to <https://eldoradopartner.com/order/index.php>. All Xml should be sent using the POST method and through port 443 (the default port for https).

The information you send must fit certain requirements. The following is a listing of the names of the required fields, a description of the field, and any applicable rules for this field.

- ④ AccountId (required): The ID assigned to you by Eldorado.
- ④ Name (required): The customers first and last name. Not to exceed 25 characters total
- ④ AddressLine1 (required): The customer's street address. Not to exceed 30 characters. If you need more room, please use AddressLine2.
- ④ AddressLine2: Additional, optional, address information. Not to exceed 25 characters.
- ④ City (required): Customer's city. Not to exceed 15 characters.
- ④ StateCode (required): 2 character abbreviation for the destination state (see State/Province Code reference tables – if this field exceeds 3 characters your order will fail). If more than 3 characters are needed (which is common for international orders) we recommend using the AddressLine2 field.
- ④ ZipCode (required): Customer's zip code. Not to exceed 10 characters (xxxxx-xxxx).
- ④ CountryCode (required): Customer's country (see Country Code reference table).
- ④ PhoneNumber (required): Customer's phone number. Not to exceed 20 numbers (no special character – numbers only).
- ④ EnteredByCode (required): Use "websites" (no quotes) as your code.
- ④ SourceCode (required): Use "API" (no quotes) as your code.
- ④ CustPONumber (required): A unique numerical PO number, or you can duplicate the source order number.

- ⑤ ShipVia (required): Shipping code taken from the shipping code reference table in Appendix A.
- ⑤ SpecialInstructions: Any special instructions that you or the customer may have. Not to exceed 42 characters.
- ⑤ SourceOrderNumber (required): This is the numeric order number you will create and associate with this order. It should contain only numbers. It is the order number that Eldorado will use to process this order and that you will use when contacting Eldorado to track the order. Not to exceed 10 characters.
- ⑤ signatureRequired (optional): If set to “y” or “Y” an adult signature will be required on the package. Shipping carriers will assess an additional fee for signature required.
- ⑤ Product (required): Each product in the order will have its own ‘Product block’ which will include the product code and the quantity being ordered:
- ⑤ Code (required): The product’s ‘product\_model’. The product model must match a valid Eldorado product. Also referred to as item number or SKU.
- ⑤ Quantity (required): The quantity being ordered.
- ⑤ NOTE: Only one order can be processed at a time. In other words, you cannot send multiple blocks of XML. The only element that can be sent in duplicate is the product information when multiple products are in an order.

**The order information should be sent in an XML block of the following form:**

```
<key></key>
<AccountId></AccountId>
<Name></Name>
<AddressLine1></AddressLine1>
<AddressLine2></AddressLine2>
<City></City>
<StateCode></StateCode>
<ZipCode></ZipCode>
<CountryCode></CountryCode>
<PhoneNumber></PhoneNumber>
<EnteredByCode></EnteredByCode>
<SourceCode></SourceCode>
<CustPONumber></CustPONumber>
<ShipVia></ShipVia>
<SpecialInstructions></SpecialInstructions>
<SourceOrderNumber></SourceOrderNumber>
<signatureRequired></signatureRequired>
<Products>
  <Product>
    <Code></Code>
    <Quantity></Quantity>
  </Product>
</Products>
```

For example, an order might look something like this:

```
<key>1a2aa3456aaaa789a0a123456a7a890a</key>
<AccountId>1234A</AccountId>
<Name>John Doe</Name>
<AddressLine1>123 Test St.</AddressLine1>
<AddressLine2>Apt 1</AddressLine2>
<City>Testville</City>
<StateCode>CO</StateCode>
<ZipCode>12345</ZipCode>
<CountryCode>US</CountryCode>
<PhoneNumber>1234567890</PhoneNumber>
<EnteredByCode>AB</EnteredByCode>
<SourceCode>TESTCO</SourceCode>
<CustPONumber>111</CustPONumber>
<ShipVia>MO1</ShipVia>
<SpecialInstructions>This is a test order</SpecialInstructions>
<SourceOrderNumber>111</SourceOrderNumber>
<signatureRequired>Y</signatureRequired>
<Products>
  <Product>
    <Code>12345A</Code>
    <Quantity>1</Quantity>
  </Product>
  <Product>
    <Code>6789B</Code>
    <Quantity>3</Quantity>
  </Product>
</Products>
```

## SUCCESSFUL RESPONSE

If the order completes successfully, the response XML will look like the following:

```
<XML_Orders>
  <Success>
    SAP: Your order (Reference ID: 1) was accepted by the Eldorado Partner
    Gateway!
  </Success>
</XML_Orders>
```

*NOTE: The reference ID will be order specific – the number ‘1’ above is just an example.*

## ORDER ERROR RESPONSES

There are several errors which can be returned. These include:

- ❏ No valid XML received.
- ❏ Required fields being left empty (this pertains to both address fields and product fields).
- ❏ Field length exceeding the maximum length for that field.
- ❏ Full product information not received.
- ❏ Invalid product code received.

Each of the errors will be in XML of the form

```
<XML_Orders>  
  <Error></Error>  
</XML_Orders>
```

The <Error> content will include an error message describing the error encountered. For example, if no XML is received at all,

```
<XML_Orders>  
  <Error> Empty order information received </Error>  
</XML_Orders>
```

If the customer's name was not provided, the following XML would be returned:

```
<XML_Orders>  
  <Error>Name cannot be left empty</Error>  
</XML_Orders>
```

If the name supplied exceeds the maximum allowed length, the following error XML would be returned:

```
<XML_Orders>  
  <Error> Name should contain no more than 25 characters </Error>  
</XML_Orders>
```

If the product information does not include a Product Model and quantity FOR EACH PRODUCT IN THE ORDER, the following XML error code will be returned:

```
<XML_Orders>  
  <Error> Each product must contain a valid Code, Id and Quantity </Error>  
</XML_Orders>
```

If any of the product models do not match an existing product in the Eldorado database, the following XML error code will be returned:

```
<XML_Orders>  
  <Error>Invalid Eldorado Product Code - A product code was sent that does not  
  match any product in the Eldorado database</Error>  
</XML_Orders>
```

## TESTING

There are test URLs that should be used as you develop your site. We ask that you use these test URL's so that the system is not overloaded with data as you perfect your store's API. All 3 URL's will behave similar to their live counterparts - they will return real responses and real data to you – however, they will not affect the Eldorado system in any way.

The URL's to use during testing are:

- 📄 Orders: <https://eldoradopartner.com/test/orderTest.php> (for test orders, the reference id will be blank). Test orders will not be processed.
- 📄 Pocket Knife: <http://eldoradopartner.com/pocketknife/> - This is to test the formatting of API calls.

## APPENDIX A: CODE REFERENCES

### SHIPPING CODES

Below is a list of the shipper codes as expected by the order gateway. Please send the appropriate “Ship Via” code. Please note if you use “best rate” codes, Eldorado will select the carrier (USPS, UPS, or Fedex) with the best price and delivery as per your code selection.

Carrier	Service	ShipVia	ShipVia ( Residential)
FEDEX	FIRST OVERNIGHT	F1F	F1FR
FEDEX	PRIORITY OVERNIGHT	F1DA	F1DAR
FEDEX	PRIORITY OVERNIGHT SAT	F1DAS	F1DARS
FEDEX	STANDARD OVERNIGHT	F1DP	F1DPR
FEDEX	2 DAY AIR	F2D	F2DR
FEDEX	2 DAY AIR SATURDAY	F2DS	F2DSR
FEDEX	EXPRESS SAVER	F3D	F3DR
FEDEX	GROUND (USA Commercial & Canada only)	FG	
FEDEX	GROUND HOME DELIVERY		FHD
FEDEX	INTERNATIONAL PRIORITY	FIP	FIPR
FEDEX	INTERNATIONAL ECONOMY	FIE	FIER
USPS	PRIORITY MAIL EXPRESS	M03	M03
USPS	PRIORITY MAIL	M02	M02
USPS	PRIORITY MAIL MILITARY	M02	M02
USPS	FIRST-CLASS MAIL	M02	M02F
USPS	STANDARD POST	M01	M01
USPS	PRIORITY MAIL EXPRESS INTERNATIONAL	M13	M13
USPS	PRIORITY MAIL INTERNATIONAL	M14	M14
USPS	FIRST-CLASS PACKAGE INTERNATIONAL SERVICE	M15	M15



Carrier	Service	ShipVia	ShipVia ( Residential)
UPS	NEXT DAY AIR EARLY AM	U1DA	U1DAR
UPS	NEXT DAY AIR	U1D	U1DR
UPS	NEXT DAY AIR SAVER	U1DP	U1DPR
UPS	NEXT DAY SATURDAY	U1DS	U1DRS
UPS	2ND DAY AIR	U2D	U2DR
UPS	2ND DAY AIR SATURDAY	U2DS	U2DRS
UPS	3 DAY SELECT	U3D	U3DR
UPS	GROUND	UG	UGR
UPS	STANDARD (CANADA)	UCS	UCSR
UPS	WORLD WIDE EXPRESS	UWEX	UWEXR
UPS	WORLD WIDE SAVER	UWS	UWSR
UPS	WORLD WIDE EXPEDITED	UWEP	UWEPR
USP	UPS Mail Innovations	UPSMI	UPSMI
NA	CUSTOMER PICKUP	PICKUP	
	BEST RATE	B2CBR	
	BEST RATE 1 DAY	BR1D	
	BEST RATE 2 DAY	BR2D	
	BEST RATE 3 DAY	BR3D	

## COUNTRY CODES

AD	Andorra	GI	Gibraltar	NO	Norway
AE	United Arab Emir.	GL	Greenland	NP	Nepal
AF	Afghanistan	GM	Gambia	NR	Nauru
AG	Antigua/Barbuda	GN	Guinea	NU	Niue Islands
AI	Anguilla	GP	Guadeloupe	NZ	New Zealand
AL	Albania	GQ	Equatorial Guinea	OM	Oman
AM	Armenia	GR	Greece	PA	Panama
AN	Dutch Antilles	GS	S. Sandwich Ins	PE	Peru
AO	Angola	GT	Guatemala	PF	French Polynesia
AQ	Antarctica	GU	Guam	PG	Papua New Guinea
AR	Argentina	GW	Guinea-Bissau	PH	Philippines
AS	Samoa, American	GY	Guyana	PK	Pakistan
AT	Austria	HK	Hong Kong	PL	Poland
AU	Australia	HM	Heard/McDnld Islnds	PM	St.Pier,Miquel.
AW	Aruba	HN	Honduras	PN	Pitcairn Islands
AZ	Azerbaijan	HR	Croatia	PR	Puerto Rico
BA	Bosnia-Herzegovina	HT	Haiti	PT	Portugal
BB	Barbados	HU	Hungary	PW	Palau
BD	Bangladesh	ID	Indonesia	PY	Paraguay
BE	Belgium	IE	Ireland	QA	Qatar
BF	Burkina-Faso	IL	Israel	RE	Reunion
BG	Bulgaria	IN	India	RO	Romania
BH	Bahrain	IO	Brit.Ind.Oc.Ter	RU	Russian Fed.
BI	Burundi	IQ	Iraq	RW	Ruanda
BJ	Benin	IR	Iran	SA	Saudi Arabia
BM	Bermuda	IS	Iceland	SB	Solomon Islands
BN	Brunei Dar-es-S	IT	Italy	SC	Seychelles
BO	Bolivia	JM	Jamaica	SD	Sudan
BR	Brazil	JO	Jordan	SE	Sweden
BS	Bahamas	JP	Japan	SG	Singapore
BT	Bhutan	KE	Kenya	SH	St. Helena
BV	Bouvet Island	KG	Kyrgyzstan	SI	Slovenia
BW	Botswana	KH	Cambodia	SJ	Svalbard
BY	White Russia	KI	Kiribati	SK	Slovakia
BZ	Belize	KM	Comoros	SL	Sierra Leone
CA	Canada	KN	St Kitts & Nevis	SM	San Marino
CC	Coconut Islands	KP	North Korea	SN	Senegal
CD	Congo	KR	South Korea	SO	Somalia
CF	Central African Rep	KW	Kuwait	SR	Suriname
CG	Congo	KY	Cayman Islands	ST	S.Tome,Principe
CH	Schweiz	KZ	Kazakhstan	SV	El Salvador
CI	Ivory Coast	LA	Laos	SW	Switzerland
CK	Cook Islands	LB	Lebanon	SY	Syria
CL	Chile	LC	St. Lucia	SZ	Swaziland
CM	Cameroon	LI	Liechtenstein	TC	Turksh Caicosin
CN	China	LK	Sri Lanka	TD	Chad
CO	Colombia	LR	Liberia	TF	French S.Territ
CR	Costa Rica	LS	Lesotho	TG	Togo
CS	Serbia Montenegro	LT	Lithuania	TH	Thailand

CU	Cuba	LU	Luxembourg	TJ	Tajikstan
CV	Cape Verde	LV	Latvia	TK	Tokelau Islands
CX	Christmas Island	LY	Libya	TM	Turkmenistan
CY	Cyprus	MA	Morocco	TN	Tunisia
CZ	Czech Republic	MC	Monaco	TO	Tonga
DE	Germany	MD	Moldavia	TP	East Timor
DJ	Djibouti	MG	Madagascar	TR	Turkey
DK	Denmark	MH	Marshall Islands	TT	Trinidad,Tobago
DM	Dominica	MK	Macedonia	TV	Tuvalu
DO	Dominican Republic	ML	Mali	TW	Taiwan
DZ	Algeria	MM	Myanmar	TZ	Tanzania
EC	Ecuador	MN	Mongolia	UA	Ukraine
EE	Estonia	MO	Macau	UG	Uganda
EG	Egypt	MP	N.Mariana Island	UM	Minor Outl.Ins.
EH	West Sahara	MQ	Martinique	US	USA
EL	Greece	MR	Mauretania	UY	Uruguay
ER	Eritrea	MS	Montserrat	UZ	Uzbekistan
ES	Spain	MT	Malta	VA	Vatican City
ET	Ethiopia	MU	Mauritius	VC	St. Vincent
FI	Finland	MV	Maldives	VE	Venezuela
FJ	Fiji	MW	Malawi	VG	British Virg. Islnd
FK	Falkland Islands	MX	Mexico	VI	American Virg.Islnd
FM	Micronesia	MY	Malaysia	VN	Vietnam
FO	Faroe Islands	MZ	Mozambique	VU	Vanuatu
FR	France	NA	Namibia	WF	Wallis,Futuna
GA	Gabon	NC	New Caledonia	WS	Western Samoa
GB	United Kingdom	NE	Niger	YE	Yemen
GD	Grenada	NF	Norfolk Island	YT	Mayotte
GE	Georgia	NG	Nigeria	ZA	South Africa
GF	French Guayana	NI	Nicaragua	ZM	Zambia
GH	Ghana	NL	Netherlands	ZW	Zimbabwe

**STATE/PROVINCE CODES**

AA	Armed Forces (the) Americas	MS	Mississippi
AE	Armed Forces Europe	MO	Missouri
AP	Armed Forces Pacific	MT	Montana
AL	Alabama	NE	Nebraska
AK	Alaska	NV	Nevada
AS	American Samoa	NH	New Hampshire
AZ	Arizona	NJ	New Jersey
AR	Arkansas	NM	New Mexico
CA	California	NY	New York
CM	Com. Marianas	NC	North Carolina
CO	Colorado	ND	North Dakota
CT	Connecticut	OH	Ohio
DE	Delaware	OK	Oklahoma
DC	Washington, DC	OR	Oregon
FL	Florida	PA	Pennsylvania
GA	Georgia	PR	Puerto Rico
GU	Guam	RI	Rhode Island
HI	Hawaii	SC	South Carolina
ID	Idaho	SD	South Dakota
IL	Illinois	TN	Tennessee
IN	Indiana	TX	Texas
IA	Iowa	UT	Utah
KS	Kansas	VT	Vermont
KY	Kentucky	VA	Virginia
LA	Louisiana	VI	Virgin Islands
ME	Maine	WA	Washington
MD	Maryland	WV	West Virginia
MA	Massachusetts	WI	Wisconsin
MI	Michigan	WY	Wyoming
MN	Minnesota		