

# iOperate Order Web Service

(Ver 1.03: 15-Aug-2006)

## Overview

The iOperate Order Web Service allows Chrome52 clients to import batches of orders directly into the iOperate system. Access to the web service is granted using a Vendor Code and Vendor Access License Key - both of which are provided by Chrome52. The URL for the web service for live and testing is:

<http://www.iOperate.net/ws/order/orderws.asmx>

## Sample SOAP Request

Items in **blue** to be replaced by actual values

POST /ws/order/Orderws.asmx HTTP/1.1

Content-Length: length

Content-Type: text/xml; charset=utf-8

Host: www.ioperate.net

SOAPAction: "http://chrome52/webservices/OrderUpload"

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
<soap:Body>
<OrderUpload xmlns="http://chrome52/webservices/">
  <VendorCode>DMO</VendorCode>
  <VendorAccessKey>0123456789ABCDEF</VendorAccessKey>
  <Batch>
    <Order>
      <orderid>TBD</orderid>
      <po>Internet Order</po>
      <orderDate>11/16/2005</orderDate>
      <startDate>11/16/2005</startDate>
      <expiryDate>12/16/2005</expiryDate>
      <numOfCartons>1</numOfCartons>
      <weight>1</weight>
      <shipMethod>11 - UPS Standard - 7 days (approx.)</shipMethod>
      <orderTerms>Internet Order</orderTerms>
      <orderType>P</orderType>
      <orderCurrency>CAD</orderCurrency>
      <orderTax>0.07</orderTax>
      <freightTax>0.07</freightTax>
      <warehouseid>0001</warehouseid>
      <note />
      <season>WS05</season>
      <userid>Web Store</userid>
      <repcode>NULL</repcode>
      <custom1>string</custom1>
      <custom2>string</custom2>
      <custom3>string</custom3>
      <custom4>string</custom4>
      <custom5>string</custom5>
      <shipAddress>
        <name>John Doe's Retail Store</name>
        <line1>123 - 456 Any Lane</line1>
        <line2 />
        <line3 />
        <city>Vancouver</city>
        <provstate>BC</provstate>
        <postalcode>V6B2R9</postalcode>
        <country>Canada</country>
        <phone>123.456.7890</phone>
        <fax>--</fax>
      </shipAddress>
    </Order>
  </Batch>
</OrderUpload>
</soap:Body>
</soap:Envelope>
```

```

        <email>--</email>
        <web>--</web>
        <contact>John Doe</contact>
    </shipAddress>
    <billAddress>
        <name>John Doe's Retail Store</name>
        <line1>123 - 456 Any Lane</line1>
        <line2 />
        <line3 />
        <city>Vancouver</city>
        <provstate>BC</provstate>
        <postalcode>V6B2R9</postalcode>
        <country>Canada</country>
        <phone>123.456.7890</phone>
        <fax>--</fax>
        <email>--</email>
        <web>--</web>
        <contact>John Doe</contact>
    </billAddress>
    <orderItems>
        <OrderItem>
            <orderID>TBD</orderID>
            <sku>123456-BK-S</sku>
            <quantity>1</quantity>
            <itemValue>25.95</itemValue>
            <lineNote />
            <carton />
            <warehouseid>0001</warehouseid>
            <categoryid />
        </OrderItem>
    </orderItems>
</Order>
</Batch>
</OrderUpload>
</soap:Body>
</soap:Envelope>

```

## Sample SOAP Response

Items in **blue** to be replaced by actual values

HTTP/1.1 200 OK

Content-Type: text/xml; charset=utf-8

Content-Length: length

```

<?xml version="1.0" encoding="utf-8:?">
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soapEnvelope/">
<soap:Body>
<OrderUploadResponse xmlns="http://chrome52/webservices/">
    <OrderUploadResult>
        <result>SUCCESS</result>
        <error />
        <orderids>
            <string>12345</string>
            <string>67890</string>
        </orderids>
    </OrderUploadResult>
</OrderUploadResponse>
</soap:Body>
</soap:Envelope>

```

## Element Definitions

Element	Required	Type	Length	Description / Values
<b>Request Fields</b>				
OrderUpload/VendorCode	yes	string	3	Vendor code as assigned by Chrome52.
OrderUpload/VendorAccessKey	yes	string	16	Vendor access key as assigned by Chrome52.
OrderUpload/Batch	yes	container		
OrderUpload/Batch/Order	yes	container		
OrderUpload/Batch/Order/orderid	yes	string	60	The order number. If it is to be determined by iOperate then submit "TBD"
OrderUpload/Batch/Order/ po	yes	string	60	Customer purchase order number.
OrderUpload/Bacth/Order/orderDate	yes	datestring	10	The order date as dd/mm/yyyy.
OrderUpload/Bacth/Order/startDate	yes	datestring	10	The orders start date as dd/mm/yyyy. The earliest date the order is expected to be released to the warehouse.
OrderUpload/Batch/Order/expiryDate	yes	datestring	10	The orders expiry date as dd/mm/yyyy. The latest date the order would be released to the warehouse.
OrderUpload/Batch/Order/numOfCartons	no	integer	4	Number of cartons expected in the order. Unknown (and default) is "0"
OrderUpload/Batch/Order/weight	no	float	8.2	Estimated weight of the order. Unknown (and default) is "0.0"
OrderUpload/Batch/Order/shipMethod	yes	string	200	Description of the desired shipping method. More detail is better: if known submit carrier, service description and service code. A list of valid values to be used must be provided to Chrome52.
OrderUpload/Batch/Order/orderTerms	no	string	200	Description of the order terms. Unknown (and default) is "Terms Unknown"
OrderUpload/Batch/Order/orderType	yes	string	1	P := Pick and Pack. C := Crossdock.
OrderUpload/Batch/Order/orderCurrency	no	string	3	IATA Currency of the order. Default is "CAD"
OrderUpload/Batch/Order/orderTax	no	float	2.2	Tax rate to be applied to the order. Default is the current Canada GST rate.
OrderUpload/Batch/Order/warehouseCurrency	no	string	3	IATA used by the warehouse DC. Default is "CAD"
OrderUpload/Bacth/Order/warehouseTax	no	float	2.2	For Chrome52 use only.
OrderUpload/Batch/Order/freightTax	no	float	2.2	For Chrome52 use only.
Orderupload/Batch/Order/warehouseid	no	string	4	The iOperate identifier for the DC handling the order. Default is "0001"
OrderUpload/Bacth/Order/note	no	string	200	Other notes or instructions to be attached to the order.
OrderUpload/Bacth/Order/season	no	string	10	The season code to which the order would apply. All available code must be provided to Chrome52.
OrderUpload/Bacth/Order/userid	no	string	50	Name of person, application or process credited with creating the order.
OrderUpload/Batch/Order/repCode	no	string	50	Code or identifier of the sales representative responsible for the order.
OrderUpload/Batch/Order/Custom1	no	string	250	User defined custom field
OrderUpload/Batch/Order/Custom2	no	string	250	User defined custom field
OrderUpload/Batch/Order/Custom3	no	string	250	User defined custom field
OrderUpload/Batch/Order/Custom4	no	string	250	User defined custom field

Element	Required	Type	Length	Description / Values
OrderUpload/Batch/Order/Custom5	no	string	250	User defined custom field
OrderUpload/Batch/Order/shipAddress	yes	container		
OrderUpload/Batch/Order/shipAddress/name	yes	string	200	Name as it appears on the ship to address label.
OrderUpload/Batch/Order/shipAddress/line1	yes	string	200*	Street information (line 1) to appear on the ship to address label. Maximum total length of line1, line2 and line3 is 200 characters.
OrderUpload/Batch/Order/shipAddress/line2	no	string	200*	Street information (line 2) to appear on the ship to address label.
OrderUpload/Batch/Order/shipAddress/line3	no	string	200*	Street information (line 3) to appear on the ship to address label.
OrderUpload/Batch/Order/shipAddress/city	yes	string	150	City name as on the ship to address label.
OrderUpload/Batch/Order/shipAddress/provstate	yes	string	10	Province/State as it appears on the ship to address label.
OrderUpload/Batch/Order/shipAddress/country	yes	string	50	Country name as it appears on the ship to address label.
OrderUpload/Batch/Order/shipAddress/phone	yes	string	50	Phone number (any format). If not known submit "--"
OrderUpload/Batch/Order/shipAddress/fax	yes	string	50	Fax number (any format). If not known submit "--"
OrderUpload/Batch/Order/shipAddress/email	yes	string	50	Email address. If not known submit "--"
OrderUpload/Batch/Order/shipAddress/web	yes	string	80	Web site URL If not known submit "--"
OrderUpload/Batch/Order/shipAddress/contact	yes	string	50	Contact person's full name at the ship to location.
OrderUpload/Batch/Order/billAddress	yes	container		
OrderUpload/Batch/Order/billAddress/name	yes	string	200	Name to appear on the invoice.
OrderUpload/Batch/Order/billAddress/line1	yes	string	200*	Street information (line 1) to appear on the invoice. Maximum total length of line1, line2 and line3 is 200 characters.
OrderUpload/Batch/Order/billAddress/line2	no	string	200*	Street information (line 2) to appear on the invoice.
OrderUpload/Batch/Order/billAddress/line3	no	string	200*	Street information (line 3) to appear on the invoice.
OrderUpload/Batch/Order/billAddress/city	yes	string	150	City name as on the invoice.
OrderUpload/Batch/Order/billAddress/provstate	yes	string	10	Province/State as it appears on the invoice.
OrderUpload/Batch/Order/billAddress/country	yes	string	50	Country name as it appears on the invoice.
OrderUpload/Batch/Order/billAddress/phone	yes	string	50	Phone number (any format). If not known submit "--"
OrderUpload/Batch/Order/billAddress/fax	yes	string	50	Fax number (any format). If not known submit "--"
OrderUpload/Batch/Order/billAddress/email	yes	string	50	Email address. If not known submit "--"
OrderUpload/Batch/Order/billAddress/web	yes	string	80	Web site URL If not known submit "--"
OrderUpload/Batch/Order/billAddress/contact	yes	string	50	Contact person's full name at the bill to location.
OrderUpload/Batch/Order/orderItems	yes	container		

Element	Required	Type	Length	Description / Values
OrderUpload/Batch/Order/orderItems/Orderitem	yes	container		
Orderupload/Batch/Order/orderItems/OrderItem/orderID	yes	string	60	The orderID. Should equal the orderID in the Order (above).
OrderUpload/Batch/Order/orderItems/OrderItem/sku	yes	string	50	The item sku as in the item list as provided to Chrome52.
OrderUpload/Batch/Order/orderItems/Orderitem/quantity	yes	integer	4	Quantity of this item included in the order.
OrderUpload/Batch/Order/orderItems/OrderItem/itemValue	yes	float	8.2	Monetary value of each item in the order currency.
Orderupload/Batch/Order/orderItems/OrderItem/lineNote	no	string	250	Other notes or instructions attached to this order item.
OrderUpload/Batch/Order/orderItems/OrderItem/ carton	no	string	30	Carton identifier for a cross dock order.
OrderUpload/Batch/Order/orderItems/OrderItem/warehouseid	no	string	4	The iOperate identifier for the DC handling the order (should be the same as in the order above). Default is "0001"
OrderUpload/Batch/Order/orderItems/OrderItem/ categoryid	no	string	4	The inventory category id to which this product type belongs. Default is "0001" (New)
<b>Response Fields</b>				
OrderUploadResponse/OrderUploadResult	yes	container		
OrderuploadResponse/OrderUploadResult/result	yes	string	7	"SUCCESS" or "FAILURE"
OrderUploadResponse/OrderUploadResult/error	no	string	long	Description of any error encountered.
OrderUploadResponse/OrderUploadResult/ orderids	no	container		List of orderids successfully imported.
OrderUploadResponse/OrderUploadResult/orderids/string	no	string	60	Order number successfully imported. An orderid should be returned for each TBD order in the batch else the imported orderid will be repeated here if successfull.