



Please note, our XML services are for computer to computer communications only.

To use our secured services, [please click here to register with us](#).

If you choose to move forward with an XML implementation, please contact me and I will issue your requestor and authorization codes.

Thank you,

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Web Rate Quote XML Setup Requirements

TST Overland Web Services require authorization to our web API prior to use.
Your requestor code is <requestor>ISSUEDBYTST</requestor>.
Your authorization is <authorization>ISSUEDBYTST</authorization>.
ONE authorization is required per company.

Customer specific login and password are required as they control access to specific rates.
These must be set up with TST Overland prior to Rate Quote implementation.

Both the element and data in these items are case sensitive.

General Programming Overview

All elements are case sensitive. If casing is not correct, the system will assume the element is missing.
All request documents have an element called <testmode> which must be set to Y for testing. Once testing is complete either remove the element or set it to blank to initiate live data.
Please add <?xml version="1.0" encoding="ISO-8859-1"?> on the first line of the XML document. All response documents will contain this prefix.

Web Service URL XML/HTTP/POST

Rate Quote: <https://www.tstoverland.com/xml/rate-quote>

All Rate Quotes provided are subject to the following disclaimers:

- *The quotation is based on the specific shipment details provided. Pricing is subject to change without notice if the actual shipment differs from the information provided.*
- *All rates are subject to the rules and regulations of the tariffs in which they are filed.*
- *Carrier's liability is based on NMFC classification and other provisions as published in the OVL 100 rules tariff.*
- *Unless otherwise indicated by the rate agreement, freight is subject to a minimum density requirement of 10 lbs. per cubic foot.*
- *When shipments occupy 10 feet or more of space, rates will be subject to a minimum 1,000 lbs. per linear foot.*

Request Document – Rate Quote <raterequest>

Element	Type	Required	Max Length Nbr Elements	Description
<raterequest>	Array	Yes	1	Document Name
<requestor>	String	Yes	6	Company Code (see above)
<authorization>	String	Yes	60	Company Authorization (see above)
<login>	String	Yes	15	Rate Quote Customer Login
<passwd>	String	Yes	10	Rate Quote Customer Password
<testmode>	String	No	1	Y – While testing rate quotes
<language>	String	No	2	en – English : fr – French
<tariffcode>	String	No	4	Pricing Tariff Filing : <i>required if web registration has multiple tariff filings applied – see "Tariff Filing API" at the end of this document.</i>
<transit>	String	No	1	Y – Transit Return Required
<origin>	Array	Yes	1	Shipping From
<zip>	String	Yes	7	Postal or Zip Code
<city>	String	No	20	City : <i>required if tariff requires city entry - see "City List API" at the end of this document.</i>
<state>	String	No	2	State or Prov. : <i>required if tariff requires city entry</i>
</origin>				
<destination>	Array	Yes	1	Shipping To
<zip>	String	Yes	7	Postal or Zip Code
<city>	String	No	20	City : <i>required if tariff requires city entry - see "City List API" at the end of this document.</i>
<state>	String	No	2	State or Prov. : <i>required if tariff requires city entry</i>
</destination>				
<service>	String	Yes	2	ST : Standard Service G1 : TST Guaranteed 5PM G3 : TST Guaranteed noon IM : Rail (not available within all areas)
<funds>	String	Yes	1	C : quote in Canadian Funds U : quote in U.S. Funds
<rqby>	String	Yes	1	Quote Requested By S : Shipper C : Consignee 3 : Third Party
<terms>	String	Yes	1	Terms of Shipment P : Prepaid C : Collect
<taxexempt>	String	Yes	1	Y : Customer is exempt from Canadian Taxes N : Customer is NOT exempt from Taxes
<tllf>	Integer	No	2	Truckload Linear Feet Valid Values between 10 and 53
<cod>	Integer	No	7,2	Cash On Delivery Amount e.g. 5034.22
<dclval>	Array	No	1	Declared Value
<amount>	Integer	No	7,2	Declared Value Amount e.g. 5034.22
<funds>	String	No	1	Declared Value Funds Type C : Canadian Funds U : U.S. Funds
</dclval>				

Request Document – Rate Quote <raterequest> cont’d.

<shipdetail>	Array	Yes	9	Shipment Detail
<line>	Array	Yes	1	Shipment Line Item
<weight>	Integer	Yes	6	Weight in Pounds
<class>	String	No	3	Shipment Classification (see list)
<nmfc>	String	No	11	NMFC Freight Classification
<cubicft>	Integer	No	4	Cubic Ft. of Freight (not allowed with dimensions)
<dimensions>	Array	No	1	Dimensions of Freight (not allowed with cubicft)
<qty>	Integer	Yes	3	Number of Pieces
<len>	Integer	Yes	5	Length in Inches
<wid>	Integer	Yes	5	Width in Inches
<hgt>	Integer	Yes	5	Height in Inches
</dimensions>				
</line>				
</shipdetail>				
<accitms>	Array	No	20	Additional Services (see list)
<item>	String	Yes	6	Code
</accitms>				
</raterequest>				

Freight Classifications

Classification	Value Accepted
50.0	050
55.0	055
65.0	065
70.0	070
77.5	070
85.0	085
92.5	092
100	100
110	110
125	125
150	150
175	175
200	200
250	250
300	300
400	400
500	500

Additional Services

Code	Description
SINGLE	Single Shipment
APT	Appointment Required
HG	Hazardous Materials
HEAT	Heat Required
PRP	Residential Pickup
PRD	Residential Delivery
INSPU	Inside Pickup
INSD	Inside Delivery
TGPU	Liftgate at Pickup
TGDL	Liftgate at Delivery
NCM	Delivery Notification
PSC	Protective Service (Cooler Unit)
CONST	Construction Site
LAO	Limited Access
SHOWDE	Trade Show Delivery
SHOWPU	Trade Show Pickup
SCHOLP	School Pickup
SCHOLD	School Delivery

Example POST XML

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<raterequest>
  <requestor>ISSUEDBYTST</requestor>
  <authorization>ISSUEDBYTST</authorization>
  <login>custlogin</login>
  <passwd>custpasswd</passwd>
  <testmode>Y</testmode>
  <language>en</language>
  <transit>Y</transit>
  <origin>
    <zip>L5LZ7</zip>
    <city>MISSISSAUGA</city>
    <state>ON</state>
  </origin>
  <destination>
    <zip>M1A1A1</zip>
    <city>TORONTO</city>
    <state>ON</state>
  </destination>
  <service>ST</service>
  <funds>C</funds>
  <rqby>S</rqby>
  <terms>P</terms>
  <taxexempt>N</taxexempt>
  <tllf>0</tllf>
  <cod>0</cod>
  <dclval>
    <amount>0</amount>
    <funds>C</funds>
  </dclval>
  <shipdetail>
    <line>
      <weight>100</weight>
      <class>050</class>
      <nmfc></nmfc>
      <cubicft></cubicft>
      <dimensions>
        <qty></qty>
        <len></len>
        <wid></wid>
        <hgt></hgt>
      </dimensions>
    </line>
    <line>
      <weight>200</weight>
      <class></class>
      <nmfc></nmfc>
      <cubicft></cubicft>
    </line>
  </shipdetail>
  <accitens>
    <item>INSPU</item>
    <item>INSD</item>
  </accitens>
</raterequest>
```

Response Document – Rate Quote <rqresults>

Element	Type	Max Length Nbr Elements	Description
<rqresults>	Array	1	Document Name
<errorcode>	String	10	Error Code Only returned if error
<errmsg>	String	50	Error Message Only returned if error
<errorline>	Integer	2	Error Line Only returned if error within shipment detail

If no errors are returned, the rate quote is returned.

<quoteid>	Integer	7	Rate Quote Number assigned
<totalamt>	Integer	7,2	Total Charges
<freightamt>	Integer	7,2	Freight Charges
<discountpct>	Integer	3,0	Discount Percentage
<discountamt>	Integer	7,2	Discount Amount
<totalweight>	Integer	7,0	Total Weight
<accitems>	Array	50	Additional Services, Taxes, and Charges
<item>	Array	3	Item
<itemcode>	String	6	TST Charge Code
<itemdesc>	String	50	Item Description
<itemstatus>	String	15	Item Status OK : the item will have a charge Exempt : the item is exempt from this charge Not Applicable : the charge is not applicable <i>(spelling is language dependent)</i>
<itemamount>	Integer	7,2	Item Amount
</item>			
</accitems>			

The following items are returned if the level of service requested was Standard
These are possible additional service charges based upon Guaranteed levels of service.

<g1amt>	Integer	7,2	TST Guaranteed 5PM
<g2amt>	Integer	7,2	No Longer Applicable
<g3amt>	Integer	7,2	TST Guaranteed noon

The following items are returned if transit information was requested

<transitresults>	Array	1	Transit Information
<shipdate>	Integer	8,0	YYYYMMDD : Ship Date
<status>	String	2	OK : Transit Request Processed HOLIDAY : Ship date is a holiday CS : Contact Customer Service
<servicedays>	Integer	3,0	Service Days
<holidaydays>	Integer	3,0	Holiday Days
<arrivaldate>	Integer	8,0	YYYYMMDDD : Arrival Date
</transitresults>			

</rqresults>			
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Example RESULTS XML

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<rqresults>
  <quoteid>9999999</quoteid>
  <totalamt>233.23</totalamt>
  <freightamt>39.66</freightamt>
  <discountpct>0</discountpct>
  <discountamt>0</discountamt>
  <totalweight>300</totalweight>
  <accitems>
    <item>
      <itemcode>INSPU</itemcode>
      <itemdesc>Inside Pickup</itemdesc>
      <itemstatus>OK</itemstatus>
      <itemamount>80.00</itemamount>
    </item>
    <item>
      <itemcode>INSD</itemcode>
      <itemdesc>Inside Delivery</itemdesc>
      <itemstatus>OK</itemstatus>
      <itemamount>80.00</itemamount>
    </item>
    <item>
      <itemcode>FS</itemcode>
      <itemdesc>Fuel Surcharge</itemdesc>
      <itemstatus>OK</itemstatus>
      <itemamount>6.74</itemamount>
    </item>
    <item>
      <itemcode>HST</itemcode>
      <itemdesc>Federal / Provincial Tax</itemdesc>
      <itemstatus>OK</itemstatus>
      <itemamount>26.83</itemamount>
    </item>
  </accitems>
  <transitresults>
    <shipdate>20111121</shipdate>
    <status>OK</status>
    <servicedays>2</servicedays>
    <holidaydays>0</holidaydays>
    <arrivaldate>20111123</arrivaldate>
  </transitresults>
</rqresults>
```


Tariff Filing API

Web Service URL XML/HTTP/POST

List of Tariff Filings: <https://www.tstoverland.com/xml/rate-quote/get-tariff-filings>

Request Document – Get Tariff Filings Request <tariffrequest>

Element	Type	Required	Max Length Nbr Elements	Description
<tariffrequest>	Array	Yes	1	Document Name
<requestor>	String	Yes	6	Company Code
<authorization>	String	Yes	60	Company Authorization
<login>	String	Yes	15	Rate Quote Customer Login
<passwd>	String	Yes	10	Rate Quote Customer Password
</tariffrequest>				

Example POST XML

```
<?xml version="1.0" encoding="ISO-8859-1" ?>  
<tariffrequest>  
  <requestor>ISSUEDBYTST</requestor>  
  <authorization>ISSUEDBYTST</authorization>  
  <login>custlogin</login>  
  <passwd>custpasswd</passwd>  
</tariffrequest>
```

Response Document – Get Tariff Filings <tariffresults>

Element	Type	Max Length Nbr Elements	Description
<tariffresults>	Array	1	Document Name
<errorcode>	String	10	Error Code <i>Only returned if error</i>
<errormsg>	String	50	Error Message <i>Only returned if error</i>

If no errors are returned, a tariff filings list is returned if available.

<tariff>	Array	*no maximum	
<code>	String	4	Tariff Code to use when requesting Rate Quote
<desc>	String	40	Description
</tariff>			
</tariffresults>			

Example RESULTS XML

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<tariffresults>
  <tariff>
    <code>D18X</code>
    <desc>MY COMPANY 1</desc>
  </tariff>
  <tariff>
    <code>QVXX</code>
    <desc>MY COMPANY NBR 2</desc>
  </tariff>
</tariffresults>
```

City List API

Web Service URL XML/HTTP/POST

City List Request: <https://www.tstoverland.com/xml/city-list>

Request Document – City List Request <cityrequest>

Element	Type	Required	Max Length Nbr Elements	Description
<cityrequest>	Array	Yes	1	Document Name
<requestor>	String	Yes	6	Company Code (see above)
<authorization>	String	Yes	60	Company Authorization (see above)
<zip>	String	Yes	7	Zip or Postal Code
</cityrequest>				

Example POST XML

```
<?xml version="1.0" encoding="ISO-8859-1" ?>  
<cityrequest>  
  <requestor>ISSUEDBYTST</requestor>  
  <authorization>ISSUEDBYTST</authorization>  
  <zip>L4W 1G5</zip>  
</cityrequest>
```

Response Document – City List Request <cityresults>

Element	Type	Max Length Nbr Elements	Description
<cityresults>	Array	1	Document Name
<errorcode>	String	10	Error Code <i>Only returned if error</i>
<errormsg>	String	50	Error Message <i>Only returned if error</i>

If no errors are returned, a city list is returned if available.

<city>	Array	*no maximum	
<name>	String	20	City Name
<st>	String	2	State or Province Code
</city>			
</cityresults>			

Example RESULTS XML

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<cityresults>
  <city>
    <name>CLARKSON</name>
    <st>ON</st>
  </city>
  <city>
    <name>COOKSVILLE</name>
    <st>ON</st>
  </city>
</cityresults>
```

Wednesday, September 19, 2018