



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

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

Thank you,

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Web Tracing Request XML Setup Requirements

TST-CF Express Web Services require authorization to our web API prior to use. Please contact pwhitney@tst-cfexpress.com directly to obtain these codes.

Your requestor code is <requestor>[EXAMPLE](#)</requestor>.
Your authorization is <authorization>[EXAMPLE](#)</authorization>.

REQUESTOR AND AUTHORIZATION are required only if your computer connects directly to the web API for TST-CF Express. If you are using a 3rd party (for example, Banyan Technologies, Process Weaver, ShipperHQ, Project 44, etc.) you do NOT REQUIRE a web API authorization as you are connecting to their systems, nor can TST-CF Express provide support for their systems.

ONE authorization is required per company using the web API.

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. 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

Tracing Request: <https://www.tst-cfexpress.com/xml/tracing>

Request Document – Tracing Request <tracingrequest>

Element	Type	Required	Max Length Nbr Elements	Description
<tracingrequest>	Array	Yes	1	Document Name
<requestor>	String	Yes	6	API Company Code (see above)
<authorization>	String	Yes	60	API Company Authorization (see above)
<login>	String	No	15	Web Site Customer Login
<passwd>	String	No	10	Web Site Customer Password
<language>	String	No	2	en – English : fr – French
<tracetype>	String	Yes	1	Tracing items must all be of the same type P : TST-CF Pro Number O : Purchase Order B : Bill of Lading C : TST-CF Pickup Confirmation Number R : Customer Reference (prior set up by TST-CF)
<traceitems>	Array	Yes	10	Tracing Numbers
<item>	String	Yes	25	Specific Tracing Number
</traceitems>				
</tracingrequest>				

Example POST XML

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<tracingrequest>
  <requestor>EXAMPLE</requestor>
  <authorization>EXAMPLE</authorization>
  <login>custlogin</login>
  <passwd>custpasswd</passwd>
  <language>en</language>
  <tracetype>P</tracetype>
  <traceitems>
    <item>7011234567</item>
    <item>7503570544</item>
  </traceitems>
</tracingrequest>
```

Response Document – Tracing Request <tracereults>

Element	Type	Max Length Nbr Elements	Description
<tracereults>	Array	1	Document Name
<errorcode>	String	10	Error Code Only returned if error
<errormsg>	String	50	Error Message Only returned if error
<errorline>	Integer	2	Error Line Only returned if error within tracing items

If no errors are returned, shipment information is returned.

<traceitem>	Array	1	
<traceid>	String	25	Trace ID (equal to <item>)
<valid>	String	1	Y : Valid trace item found on our system N : No trace item found on our system

If item is valid, shipment detail is returned.

<pro>	Integer	10,0	TST-CF Express Shipment ID
<refnbrs>	Array	200	Bill of Lading and Purchase Order Numbers
<bol>	String	30	Bill of Lading Number
<po>	String	30	Purchase Order Number
</refnbrs>			
<shipdate>	Integer	8, 0	Pickup Date : YYYYMMDD Format
<weight>	Integer	7, 0	Shipment Weight in LBS.
<terms>	String	1	Terms
<shipper>	Array	1	Shipper Information
<name>	String*	30	Name
<address1>	String*	30	Address Line 1
<address2>	String*	30	Address Line 2
<city>	String	20	City
<state>	String	2	State / Province
<zip>	String	6	Zip / Postal Code
</shipper>			
<consignee>	Array	1	Consignee Information
<name>	String*	30	Name
<address1>	String*	30	Address Line 1
<address2>	String*	30	Address Line 2
<city>	String	20	City
<state>	String	2	State / Province
<zip>	String	6	Zip / Postal Code
</consignee>			
<thirdparty>	Array	1	Third Party Bill-To Information
<name>	String*	30	Name
<address1>	String*	30	Address Line 1
<address2>	String*	30	Address Line 2
<city>	String	20	City
<state>	String	2	State / Province
<zip>	String	6	Zip / Postal Code
</thirdparty>			
<charges>	Integer	7,2	Current Shipment Charges (subject to change)
<servicelevel>	String	20	Service Level Text
<status>	String	100	Current Shipment Status Text
<delivery>	Array*	1	Delivery Information (if delivered)
<date>	Integer	8,0	Delivery Date : YYYYMMDD Format
<time>	Integer*	4,0	Delivery Time: HHMM Format

<ontimedelivery>	String*	1	Y : delivered on-time
<receivedby>	String*	40	Receiver Name
</delivery>			
<eta>	Array*	1	Estimated Delivery Information (if not delivered)
<code>	String*	6	FDA : Awaiting FDA approval CRLS : Awaiting Canada Customs Release CUSTSVC: Contact Customer Service
<text>	String*	60	Text for <code>
<date>	Integer*	8,0	ETA Date : YYYYMMDD Format
</eta>			
<appointment>	Array*	1	Shipment Appointment Information
<date>	Integer	8,0	Appointment Date : YYYYMMDD Format
<timew1>	Integer*	4,0	Appointment From Time : HHMM Format
<timew2>	Integer*	4,0	Appointment To Time: HHMM Format
</appointment>			
<bonddate>	Integer*	8,0	Customs Hold : YYYYMMDD
<customsrelease>	Array*	1	Canada Customs Release Information
<date>	Integer	8,0	Release Date : YYYYMMDD Format
<time>	Integer*	4,0	Release Time : HHMM Format
</customsrelease>			
</traceitem>			
</traceresults>			

* Elements Optionally returned depending upon status of shipment and security status of web customer.

Example RESULTS XML

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
- <tracereults>
- <traceitem>
  <traceid>7011234567</traceid>
  <valid>Y</valid>
  <pro>7011234567</pro>
  <refnbrs />
  <shipdate>20111209</shipdate>
  <weight>175</weight>
- <shipper>
  <city>NEWTON FALLS</city>
  <state>OH</state>
  <zip>44444</zip>
</shipper>
- <consignee>
  <city>WINNIPEG</city>
  <state>MB</state>
  <zip>R2R0H8</zip>
</consignee>
<charges>.00</charges>
<servicelevel>Standard</servicelevel>
<status>Currently on BLASDELL NY dock</status>
- <eta>
  <code>CUSTSVC</code>
  <text>Contact Customer Service</text>
</eta>
</traceitem>
- <traceitem>
  <traceid>7503570544</traceid>
  <valid>N</valid>
</traceitem>
</tracereults>
```

Tuesday, April 21, 2020