



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

Email: [edi@tst-cfexpress.com](mailto:edi@tst-cfexpress.com)

### **Web Tracing Request XML Setup Requirements**

*TST-CF Express Web Services require authorization to our web API prior to use. Please contact [edi@tst-cfexpress.com](mailto:edi@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 3<sup>rd</sup> 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) I : Partner Pro Number
<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 <traceresults>**

Element	Type	Max Length Nbr Elements	Description
<traceresults>	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>			
<shipmenthistory>	Array*		Shipment history information
<code>	String	3	For a complete list, contact TST-CF I.T.
<description>	String	30	Description of code
<date>	Integer	8,0	YYYYMMDD Format (local to location)
<time>	Integer*	4,0	HHMM Format (local to location)
<location>	String*	30	Location of transaction
</shipmenthistory>			
</traceitem>			
</traceresults>			

\* Elements Optionally returned depending upon status of shipment, availability 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>
```

Thursday, November 14, 2024