



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 company and authorization codes.

Thank you,

Sandy Wenig

TFI International
LTL Sector

5200 Maingate Drive
Mississauga, ON L4W 1G5
swenig@tfiintl.com
Tel.: 905.212.6319
Fax: 905.602.8895

Web Tracing XML Setup Requirements

Canadian Freightways Web Services require authorization prior to use of XML.
Your company code is <requestor>ISSUEDBYCFL</requestor>.
Your authorization is <authorization>ISSUEDBYCFL</authorization>.
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.
Customer specific login and password are required for XML Images, please go to <https://www.canadianfreightways.com/sign-up> to complete the web registration process.

Web Service URL XML/HTTP/POST

Tracing Request: <https://www.canadianfreightways.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	Company Code (see above)
<authorization>	String	Yes	60	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 as this P : CF Pro Number I : Partner Pro Number O : Purchase Order B : Bill of Lading C : CF Pickup Confirmation Number R : Customer Reference (prior set up by 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>ISSUEDBYCFL</requestor>
  <authorization>ISSUEDBYCFL</authorization>
  <login>custlogin</login>
  <passwd>custpasswd</passwd>
  <language>en</language>
  <tracetype>P</tracetype>
  <traceitems>
    <item>3201234567</item>
    <item>2903570544</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 <i>Only returned if error</i>
<errormsg>	String	50	Error Message <i>Only returned if error</i>
<errorline>	Integer	2	Error Line <i>Only returned if error within tracing items</i>

If no errors are returned, shipment information is returned.

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

If item is valid, shipment detail is returned.

<pro>	Integer	10,0	CF 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 Care
<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
<code>	String	3	Event Status Code
<description>	String	60	Event Description
<date>	Integer	8,0	Event Date : YYMMDD Format
<time>	Integer	4,0	Event Time : HHMM Format Please note the time represented is local to the event.
<location>	String	40	Event Location
</shipmenthistory>			
</traceitem>			
</tracereults>			

* 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" ?>
= <traceresults>
  = <traceitem>
    <traceid>3201234567</traceid>
    <valid>Y</valid>
    <pro>3201234567</pro>
    <refnbrs />
    <shipdate>20111209</shipdate>
    <weight>175</weight>
  = <shipper>
    <city>CALGARY</city>
    <state>AB</state>
    <zip>T1X1A1</zip>
  </shipper>
  = <consignee>
    <city>WINNIPEG</city>
    <state>MB</state>
    <zip>R2R0H8</zip>
  </consignee>
  <charges>.00</charges>
  <servicelevel>Standard</servicelevel>
  <status>Currently on CALGARY AB dock</status>
  = <eta>
    <code>CUSTSVC</code>
    <text>Contact Customer Service</text>
  </eta>
</traceitem>
= <traceitem>
  <traceid>2903570544</traceid>
  <valid>N</valid>
</traceitem>
</traceresults>
```

Monday, January 23, 2017