



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,

Paul Whitney

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Web Image 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.

Customer specific login and password (via registration on the TST-CF website) are required to obtain the correct images.

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

Image Request: <https://www.tst-cfexpress.com/xml/image>

Request Document – Image Request <imagerequest>

Element	Type	Required	Max Length Nbr Elements	Description
<imagerequest>	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	Yes	15	Web Customer Login
<passwd>	String	Yes	10	Web Customer Password
<type>	String	Yes	4	BOL : Bill of Lading Image Request POD : Proof of Delivery Image Request STMT : Statement Request INV : Invoice Request WI : Weigh & Inspection Request
<pro>	String	Yes	10	TST-CF Pro number (must be 10 digits)
</imagerequest>				

Example POST XML

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<imagerequest>
  <requestor>EXAMPLE</requestor>
  <authorization>EXAMPLE</authorization>
  <login>custlogin</login>
  <passwd>custpasswd</passwd>
  <type>POD</type >
  <pro>7011234567</pro >
</imagerequest>
```

Response Document – Image Request <imageresults>

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

If no errors are returned:

<images>	Array		
<pronumber>	String	10	Requested Pro Number
<imagetype>	String	4	Requested Image Type
<imageformat>	String	3	
<imagedata>	String	*nomax	Encoded Base 64 Image String
</images>			

Example RESULTS XML

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
  <imageresults>
    <images>
      <pronumber>7011234567</pronumber>
      <imagetype>POD</imagetype>
      <imageformat>PDF</imageformat>
      <imagedata>asdfwerfqwefiqwe...</imagedata>
    </images>
  </imageresults>
```

Tuesday, April 21, 2020