

Track & Confirm

USPS Web Tools™

Application Programming Interface

User's Guide

Document Version 1.3a (2/4/2013)



To Our Customers

In registering for use of the USPS Web Tools™ (Web Tools), you received a user ID that will allow you to begin sending calls to the server when you are ready. Any additional information or contact with you will occur as indicated on the registration form, please return to the [eCommerce API Technical Guides site](#) for the most recent documentation.

If you require technical support, contact the USPS Internet Customer Care Center (ICCC). This office is staffed as follows:

- Monday through Friday from 8:00 a.m. to 8:30 p.m. Eastern Time
- Saturdays from 8:00 a.m. to 6:00 p.m. Eastern Time
- Sunday and Postal Holidays - Closed except for the following Holidays: Martin Luther King; President's Day; Columbus Day; & Veteran's Day with hours from 9:00 a.m. to 6:00 p.m. ET.

E-mail address: uspstechsupport@esecurecare.net

Telephone: 1-800-344-7779

USPS Customer Commitment

The United States Postal Service fully understands the importance of providing information and service anytime day or night to your Internet and e-commerce customers. For that reason, the USPS is committed to providing 24 x 7 service from our Web Tools servers, 365 days a year.

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1.0 Introduction To Web Tools

This document contains a Reference Guide to the Track and Confirm APIs. See the Developer's Guide to Web Tools APIs to learn the administrative process for gaining access to the Web Tools APIs as well as the basic mechanism for calling the APIs and processing the results. The Developer's Guide also contains information on testing and trouble-shooting.

Note: The Request Parameter sections present the XML input tags for generating Live requests along with the restrictions on the values allowed. An error message will be returned if an incorrect value is entered. Also, be aware of the maximum character amounts allowed for some tags. If the user enters more than those amounts, an error will not be generated. **The Web Tool will simply pass in the characters up to the maximum amount allowed and disregard the rest.** This is important since the resulting value could prevent a correct response.

When building the XML request, pay particular attention to the **order and case** for tags. An error message will be returned if an incorrect value is entered. Remember that all data and attribute values in this document are for illustration purposes and are to be replaced by your actual values. For instance, a line of sample code may be:

```
<TrackID> EJ123456780US </TrackID>
```

In this instance, you will replace "EJ123456780US" with the tracking ID for the package.

1.1 Implementation Overview

As shown below, before you go live with either of the Track/Confirm Web Tools, you must perform testing. Following the diagram is a brief description of the steps illustrated.



Register Online

Users only have to register once at www.usps.com to download and install Web Tools.



Test your XML

All Web Tools must be tested using the test scripts provided in this guide.



Call the ICCC

After successful testing, call the ICCC.



Customer Service

The ICCC sets you to “Production.”

After the ICCC verifies your test results, it grants access to use Live data.



Go Live with your Web Tool.

Step 1: Register

To use the USPS Web Tools you must be a registered user. Completing the registration process resulted in the receipt of your user ID and test server URL.



If you have not registered, go to the [Web Tools website](#) and follow the instructions to register for the Web Tools.

Step 2: Test Your XML

The next step is to test your Web Tools. As a registered user you have been granted access to the test server. **An important note:** The test server is set up to only accept the pre-defined XML transactions and return the pre-defined XML responses provided in this document. For the testing phase, follow the instructions in the *Run Scripted Test* sections for **each** Web Tool.

Step 3: Go Live with Your Web Tool



At this point, you have completed all testing and are now ready to send Live data and begin full service. Follow the instructions provided in the *Run Live Data* sections for **each** Web Tool.

Note: The United States Postal Service expressly prohibits the use of Web Tools "scripting" without prior approval. Web Tools scripting can be defined as a technique to generate large volumes of Web Tools XML request transactions that are database- or batch-driven under program control, instead of being driven by individual user requests from a web site or a client software package. The USPS reserves the right to suspend server access without notification by any offending party that does not have prior approval for Web Tools scripting. Registered Web Tools customers that believe they have a legitimate requirement for Web Tools scripting should contact the ICCC to request approval.

1.2 User ID Restrictions

The user ID that you have received is for you or your company to use in accordance with the Terms and Conditions of Use to which you agreed during the registration process. **This user ID is not to be shared with others outside your organization, nor is it to be packaged, distributed, or sold to any other person or entity.** Please refer to the Terms and Conditions of Use Agreement for additional restrictions on the use of your user ID.

Warning: If the U.S. Postal Service discovers use of the same user ID from more than one web site, all users will be subject to immediate loss of access to the USPS server and termination of the licenses granted under the Terms and Conditions of Use.

The documentation and sample code contained in the *Web Tools User Guide* series may be reused and/or distributed to your customers or affiliates to generate awareness, encourage Web Tool use, or provide ease-of-use. It is your responsibility to ensure that your customers do not use your user ID for any purpose. Direct your customers to the [Web Tools website](#) to register, agree to the Terms and Conditions of Use agreement, and receive their own unique user ID.

Note to Software Distributors: The user ID restrictions discussed above are intended for online retailers that use the USPS Web Tools exclusively within their own web sites. If you plan to distribute software with the USPS Web Tools embedded, contact the ICCC for guidelines.

For more information regarding the USPS Web Tools user ID policy, or for questions regarding the distribution of documentation, send e-mail to uspstechsupport@esecurecare.net.

1.3 USPS Corporate Branding Guidelines

The U.S. Postal Service requests to be referenced and acknowledged as the source of information for all U.S. Postal Service data that has been acquired through the Internet and/or from other sources. However, this is not mandatory. The following guidelines should be followed for those that want to authenticate and/or validate the data displayed from the U.S. Postal Service.

1.3.1 Preferred Reference

Use one of the following when the USPS is the only referenced source:

- "Information provided by <http://www.usps.com/>."

or

- Use the official USPS corporate logo or USPS product-specific logos.

Digital copies of USPS corporate trademarks/logos are available through the U.S. Postal Service, Public Policy and Communications Department, Washington, D.C. You can request the USPS corporate logo and/or product-specific logos by e-mailing ilogo@email.usps.gov. Requests will be responded to by e-mail within 10 days. We will review your web site, and if appropriate, provide the logo for usage in accordance with the guidelines and the license grant contained in the Terms and Conditions of Use for Internet Shipping Application Program Interfaces (Web Tools). If your web page is not available over the Internet, please provide a screen shot of the page where the logo will reside.

When requesting logo(s) you must provide the following information:

- Company name.
- URL and page where logo will reside.
- Type of business.
- How and where the logo will be used.
- Contact name.
- Telephone number.
- E-mail address.
- Desired graphic format, e.g., GIF, TIF, JPEG, etc.
- Logo desired:
 - ___ USPS Corporate Eagle logo
 - ___ Priority Mail
 - ___ Express Mail
 - ___ Other (describe)

1.3.2 Alternative Reference

Use one of the following when the USPS is listed with other shipping carriers or web sites:

- United States Postal Service.
- U.S. Postal Service.
- U.S.P.S. (use period after each initial).

The above alternatives are listed in the order of United States Postal Service preference.

1.3.3 Trademark Ownership and Use

The USPS trademarks listed in the front of this guide and any logos requested from USPS Public Policy and Communications Department should not be altered or abbreviated.

USPS trademarks are trademarks owned solely and exclusively by USPS and may be used only in the form and manner, and with appropriate legends prescribed by USPS. All advertising and other uses of USPS trademarks must include a legend indicating that USPS trademarks are the property of USPS and that they are being used under license from USPS, together with any other legends or marking that may be required by law. Nothing contained in this document shall be deemed to convey any title or ownership interest to any user except for the nonexclusive rights

granted under the Terms and Conditions of Use for Internet Shipping Application Program Interfaces and this document.

1.4 Aviation Mail Security & Hazardous Materials

The Aviation Mail Security and Hazardous Materials Programs represent the U.S. Postal Service's commitment to provide a safe environment for our customers, employees, and the traveling public.

The U.S. Postal Service has taken a proactive role in the areas of aviation mail security and hazardous materials acceptance, handling, and transport for many years. Training has been provided to our employees, supervisors, and managers. Each year these programs are modified to meet increased challenges through improved technology. Our multi-phased programs are in effect 365 days a year, 24 hours a day. The particulars of our programs are withheld for security reasons. However, complying with the following restrictions will assist us in securing a safe mailing environment for all of us:

- Priority Mail envelopes or packages weighing 13 ounces or over with adhesive postage stamps cannot be deposited at unattended receptacles such as collection boxes and lobby drops. These mail pieces must be taken to your nearest USPS retail unit or may be given to your carrier if you are a known customer to him/her and have included your return address. Refer to [Domestic Mail Manual, Deposit for Priority Mail](#).
- International Mail envelopes or packages weighing 13 ounces or over with adhesive postage stamps or customer applied postage meter strips cannot be deposited at unattended mail receptacles such as collection boxes and lobby drops. These mail pieces must be taken to your nearest USPS retail unit or may be given to your carrier if you are a known customer and have included your return address along with a completed, signed, and dated PS Form 2976 or 2976-A. Refer to [International Mail Manual](#).

1.5 XML Overview

XML uses a hierarchical (tree) element structure. Each element consists of a start tag of the form <Name>, and an end tag of the form </Name>, between which can be data and other elements. <Name/> is shorthand for <Name></Name>, an element with no data. Attributes such as user ID can be included in the start tag. **All data and attribute values in this document are for illustration purposes and are to be replaced by the actual values.** Developers must use the order and case for tag names of the sample code contained in this document. The tabs and carriage returns in the XML structures are for readability only; there is no need for white space in the actual code.

For more information about XML, browse the following web sites:

- [W3C web site](#)
- [XML.com web site](#)

1.6 Error Responses

Error conditions are handled at the main XML document level. When parsing, it is best to check for an error document first before checking for good data. Error documents have the following format:

```
<Error>
  <Number></Number>
  <Source></Source>
  <Description></Description>
  <HelpFile></HelpFile>
  <HelpContext></HelpContext>
</Error>
```

Where:

- Number = the error number generated by the Web Tools server.
- Source = the component and interface that generated the error on the Web Tools server.
- Description = the error description.
- HelpFile = [reserved for future use].
- HelpContext = [reserved for future use].

Errors that are further down in the hierarchy also follow the above format.

An <Error> element may be returned at the top (response) level if there is a problem with the syntax of the request, or if a system error occurs. But if there is a problem with a specific tracking ID within the request, an <Error> element will be returned within the <TrackInfo> element that pertains to the specific tracking ID. Since the Track/Confirm Web Tool allows you to submit multiple tracking IDs within a single request document, the response may contain a mix of tracking information and errors. For requests containing multiple tracking IDs, you need to check if there is an <Error> within a given <TrackInfo> element, as well as checking for an error at the top level.

```
<TrackResponse>
  <TrackInfo ID="EJ987654321US">
    <TrackSummary>Your item was delivered at 2:22 pm on
    October 28 in PROVIDENCE RI 02912.</TrackSummary>
    <TrackDetail>October 28 1:34 pm ARRIVAL AT UNIT
    PROVIDENCE RI 02912</TrackDetail>
    <TrackDetail>October 28 10:54 am ARRIVAL AT UNIT
    PROVIDENCE RI 02906</TrackDetail>
    <TrackDetail>October 27 7:12 pm ENROUTE
    20770</TrackDetail>
    <TrackDetail>October 27 6:46 pm ACCEPT OR PICKUP
    20770</TrackDetail>
  </TrackInfo>
  <TrackInfo ID="EJ888888888US">
    <TrackSummary> There is no record of that mail item.
    If it was mailed recently, It may not yet be tracked.
    Please try again later. </TrackSummary>
```

```
</TrackInfo>  
<TrackInfo ID="bob">  
  <TrackSummary> That's not a valid number. Please check  
  to make sure you entered it correctly.</TrackSummary>  
</TrackInfo>  
</TrackResponse>
```

If you need assistance with an error response, contact the ICCC.

1.7 Structure of this Guide

This document provides guidance and step-by-step instructions for installing the Track/Confirm Web Tools and fulfilling various administrative requirements. There are six separate Web Tools that can be implemented:

- Track/Confirm Web Tool, which lets customers determine the delivery status of their Priority Mail and Package Services packages with Delivery Confirmation.
- Track/Confirm Fields Web Tool, which is identical to the Track/Confirm request, except that the request name and the return information data are broken down into fields instead of just one line of text.
- Tracking Service WebTools, which are offered in conjunction with Revision 1 of the Track/Confirm Fields Web Tool: Track and Confirm by Email, Proof of Delivery, Return Receipt Electronic and Restore for tracking information.

Each Web Tool is described in its own section. The steps must be followed in the order presented.

2.0 Track/Confirm Web Tool



The Track/Confirm Web Tool lets customers determine the delivery status of their Priority Mail, Express Mail, and Package Services (Standard Post, Bound Printed Matter, Library Mail, and Media Mail) packages with Delivery Confirmation. It will also provide tracking data right from your web site, without making your customer go to the USPS web site. Additionally, the Track/Confirm Web Tool can be appended to your Intranet, allowing, for example, a customer service representative to answer customer queries about the status of their shipments. The Web Tool Server returns tracking and/or delivery confirmation information for packages requested by the client. The Track/Confirm Web Tool limits the data requested to ten (10) packages per transaction.

Note: The data returned by the Track/Confirm Web Tool is intended for display only. The content or sequence of the string data returned by the Web Tool may change. Consequently, if you desire to apply any kind of logic against the tracking data, then you will need to use the Track/Confirm Fields Web Tool.

2.1 Track/Confirm Request

2.1.1 API Signature

Scheme	Host	Path	API	XML
http://	SERVERNAME	/ShippingAPITest.dll	?API=TrackV2	&XML=(see below)
http://	production.shippingapis.com	/ShippingAPI.dll	?API=TrackV2	&XML=(see below)

2.1.2 Request Parameters

Tag Name	Occurs	Description	Type
TrackRequest	required		(group)
TrackRequest / @USERID	required	This attribute specifies your Web Tools ID. See the Developer's Guide for information on obtaining your USERID. For Example: <TrackRequest USERID="yourID">	string
TrackRequest / TrackID	required	Must be alphanumeric characters. For example: <TrackID ID="EJ123456780US"> </TrackID>	string

2.1.3 Request Example

```

<TrackRequest USERID="xxxxxxx">
  <TrackID ID="EJ123456780US"></TrackID>
  <TrackID ID="EJ123456781US"></TrackID>
  <TrackID ID="12345"></TrackID>
</TrackRequest>
    
```

2.2 Track/Confirm WebTool Response

2.2.1 Response Parameters

Tag Name	Occurs	Description	Type
TrackResponse	required		(group)
TrackResponse / TrackInfo	required		(group)
TrackResponse / TrackInfo / @ID="#####"	required	Package Tracking ID Number	string
TrackResponse / TrackInfo / GuaranteedDeliveryDate	optional	Guaranteed Delivery Date – Global Express Mail only: certain countries provide a guarantee delivery date	string
TrackResponse / TrackInfo / TrackSummary	required	Tracking Summary Information	string
TrackResponse / TrackInfo / TrackDetail	required	Tracking Detail Information	string

2.2.2 Response Example

```
<TrackResponse>
  <TrackInfo ID="E123456780US">
    <TrackSummary> Your item was delivered at 6:50 am on February 6 in BARTOW FL
      33830.</TrackSummary>
    <TrackDetail>February 6 6:49 am NOTICE LEFT BARTOW FL 33830</TrackDetail>
    <TrackDetail>February 6 6:48 am ARRIVAL AT UNIT BARTOW FL 33830</TrackDetail>
    <TrackDetail>February 6 3:49 am ARRIVAL AT UNIT LAKELAND FL 33805</TrackDetail>
    <TrackDetail>February 5 7:28 pm ENROUTE 33699</TrackDetail>
    <TrackDetail>February 5 7:18 pm ACCEPT OR PICKUP 33699</TrackDetail>
  </TrackInfo>
  <TrackInfo ID="E123456781US">
    <TrackSummary> There is no record of that mail item. If it was mailed recently, It may not yet be
      tracked. Please try again later. </TrackSummary>
  </TrackInfo>
  <TrackInfo ID="12345">
    <TrackSummary> That's not a valid number. Please check to make sure you entered it
      correctly.</TrackSummary>
  </TrackInfo>
</TrackResponse>
```

If an error message is returned, refer to the *Error Responses* section for an explanation.



3.0 Track/Confirm Fields Web Tool

The Track/Confirm Fields request is identical to the Track/Confirm request except for the request name and the return information. Data returned still contains the detail and summary information, but this information is broken down into fields instead of having only one line of text. Up to 10 tracking IDs may be contained in each request input to the Web Tool server.

3.1 Track/Confirm Fields Request

3.1.1 API Signature

Scheme	Host	Path	API	XML
http://	SERVERNAME	/ShippingAPITest.dll	?API=TrackV2	&XML=(see below)
http://	production.shippingapis.com	/ShippingAPI.dll	?API=TrackV2	&XML=(see below)

3.1.2 Request Parameters

Tag Name	Occurs	Description	Type
TrackFieldRequest	required once		(group)
TrackFieldRequest / @USERID	required	This attribute specifies your Web Tools ID. See the Developer's Guide for information on obtaining your USERID. For Example: <TrackFieldRequest USERID="yourID">	string
TrackFieldRequest / Revision	required	This is for versioning of the API's and for triggering response tags for future versions. In this API use a value of 1 to trigger new functionality. For example: <Revision>1</Revision>	integer
TrackFieldRequest / ClientIp	optional	User IP address. Required when TrackFieldRequest[Revision='1']. For Example: <ClientIp>127.0.0.1</ClientIp>	string
TrackFieldRequest / SourceId	optional	Internal User Identification. Required when TrackFieldRequest[Revision='1']. For Example: <SourceId>XYZ Corp</SourceId>	string

Track/Confirm Fields Web Tool

Tag Name	Occurs	Description	Type
TrackFieldRequest / TrackID	required	Package Tracking ID. Must be alphanumeric characters. For example: <TrackID ID="EJ123456780US"> </TrackID>	string
TrackFieldRequest / TrackID / DestinationZipCode	optional	5 digit destination zip code. For Example: <DestinationZipCode>12345</DestinationZipCode>	string
TrackFieldRequest / TrackID / MailingDate	optional	Mailing date of package. Format: YYYY-MM-DD For Example: <MailingDate>2010-01-01</MailingDate>	string

3.1.3 Request Example – Revision <> 1

```

<TrackFieldRequest USERID="xxxxxxx">
  <TrackID ID="01805213907042762274">
    <DestinationZipCode>12345</DestinationZipCode>
    <MailingDate>2010-01-01</MailingDate>
  </TrackID>
</TrackFieldRequest>
```

3.1.4 Request Example – Revision = 1

```

<TrackFieldRequest USERID="xxxxxxx">
  <Revision>1</Revision>
  <ClientIp>127.0.0.1</ClientIp>
  <SourceId>John Doe</SourceId>
  <TrackID ID="010850921250125054">
    <DestinationZipCode>12345</DestinationZipCode>
    <MailingDate>2010-01-01</MailingDate>
  </TrackID>
</TrackFieldRequest>
```


3.2 Track/Confirm Fields Response

3.2.1 Response Parameters – Revision <> 1

Tag Name	Occurs	Description	Type
TrackResponse	required once		(group)
TrackResponse / TrackInfo	required		(group)
TrackResponse / TrackInfo / @ID="#####"	required	Package Tracking ID number.	string
TrackResponse / TrackInfo / GuaranteedDeliveryDate	optional	Guaranteed Delivery Date – Global Express Mail only: certain countries provide a guarantee delivery.	string
TrackResponse / TrackInfo / TrackSummary	required once	Tracking Summary Information.	(group)
TrackResponse / TrackInfo / TrackSummary / EventTime	required	The time of the event.	string
TrackResponse / TrackInfo / TrackSummary / EventDate	required	The date of the event.	string
TrackResponse / TrackInfo / TrackSummary / Event	required	The event type (e.g., Enroute).	string
TrackResponse / TrackInfo / TrackSummary / EventCity	required	The city where the event occurred.	string
TrackResponse / TrackInfo / TrackSummary / EventState	required	The state where the event occurred.	string
TrackResponse / TrackInfo / TrackSummary / EventZIPCode	required	The ZIP Code of the event.	string
TrackResponse / TrackInfo / TrackSummary / EventCountry	optional	The country where the event occurred.	string
TrackResponse / TrackInfo / TrackSummary / FirmName	optional	The company name if delivered to a company.	string
TrackResponse / TrackInfo / TrackSummary / Name	optional	The name of the persons signing for delivery (if available).	string
TrackResponse / TrackInfo / TrackSummary / AuthorizedAgent	optional	True/False field indicating the person signing as an Authorized Agent.	string
TrackResponse / TrackInfo / TrackDetail	required once	Tracking Detail Information. This group is repeatable.	(group)
TrackResponse / TrackInfo / TrackDetail / EventTime	required	The time of the event.	string
TrackResponse / TrackInfo / TrackDetail / EventDate	required	The date of the event.	string
TrackResponse / TrackInfo / TrackDetail / Event	required	The event type (e.g., Enroute).	string

Track/Confirm Fields Web Tool

TrackResponse / TrackInfo / TrackDetail / EventCity	required	The city where the event occurred.	string
TrackResponse / TrackInfo / TrackDetail / EventState	required	The state where the event occurred.	string
TrackResponse / TrackInfo / TrackDetail / EventZIPCode	required	The ZIP Code of the event	string
TrackResponse / TrackInfo / TrackDetail / EventCountry	optional	The country where the event occurred.	string
TrackResponse / TrackInfo / TrackDetail / FirmName	optional	The company name if delivered to a company.	string
TrackResponse / TrackInfo / TrackDetail / Name	optional	The name of the persons signing for delivery (if available).	string
TrackResponse / TrackInfo / TrackDetail / AuthorizedAgent	optional	True/False field indicating the person signing as an Authorized Agent.	string

3.2.2 Response Example – Revision <> 1

```

<TrackResponse>
  <TrackInfo ID="01805213907042762274">
    <TrackSummary>
      <EventTime>12:12 pm</EventTime>
      <EventDate>May 21, 2001</EventDate>
      <Event>DELIVERED</Event>
      <EventCity>NEWTON</EventCity>
      <EventState>IA</EventState>
      <EventZIPCode>50208</EventZIPCode>
      <EventCountry/>
      <FirmName></FirmName>
      <Name></Name>
      <AuthorizedAgent></AuthorizedAgent>
    </TrackSummary>
    <TrackDetail>
      <EventTime>9:24 pm</EventTime>
      <EventDate>March 28, 2001</EventDate>
      <Event>ENROUTE</Event>
      <EventCity>DES MOINES</EventCity>
      <EventState>IA</EventState>
      <EventZIPCode>50395</EventZIPCode>
      <EventCountry/>
      <FirmName/>
      <Name/>
      <AuthorizedAgent/>
    </TrackDetail>
    <TrackDetail>
      <EventTime>10:00 pm</EventTime>
      <EventDate>March 27, 2001</EventDate>
      <Event>ACCEPTANCE</Event>
      <EventCity>BLAINE</EventCity>
      <EventState>WA</EventState>

```

```
<EventZIPCode>98231</EventZIPCode>  
<EventCountry/>  
<FirmName/>  
<Name/>  
<AuthorizedAgent/>  
</TrackDetail>  
</TrackInfo>  
</TrackResponse>
```

3.2.3 Response Parameters – Revision = 1

Tag Name	Occurs	Description	Type
TrackResponse	required once		(group)
TrackResponse / TrackInfo ID="#####"	required	Package Tracking ID number.	string
TrackResponse / TrackInfo / AdditionalInfo	optional	Additional package information	string
TrackResponse / TrackInfo / ARCHDATA	optional	Internal data availability	boolean
TrackResponse / TrackInfo / ArchiveRestoreInfo	optional	Information regarding availability of Restore service function	string
TrackResponse / TrackInfo / AssociatedLabel	optional	Associated label	string
TrackResponse / TrackInfo / Class	optional	The class of mail	string
TrackResponse / TrackInfo / ClassOfMailCode	optional	Class of mail code	string
TrackResponse / TrackInfo / DeliveryNotificationDate	optional	Scheduled delivery date	string
TrackResponse / TrackInfo / DestinationCity	optional	The destination city	string
TrackResponse / TrackInfo / DestinationCountryCode	optional	The destination country code	string
TrackResponse / TrackInfo / DestinationState	optional	The destination state	string
TrackResponse / TrackInfo / DestinationZip	optional	The destination zip code	string
TrackResponse / TrackInfo / EmailEnabled	optional	Signifies if Track and Confirm by Email service is enabled	string
TrackResponse / TrackInfo / ExpectedDeliveryDate	optional	Expected delivery date	string
TrackResponse / TrackInfo / GuaranteedDeliveryDate	optional	Guaranteed Delivery Date – Global Express Mail only: certain countries provide a guarantee delivery	string
TrackResponse / TrackInfo / GuaranteedDeliveryTime	optional	Guaranteed Delivery Time – Global Express Mail only: certain countries provide a guarantee delivery	string

Track/Confirm Fields Web Tool

Tag Name	Occurs	Description	Type
TrackResponse / TrackInfo / KahalaIndicator	optional	Indicates if the shipment	string
TrackResponse / TrackInfo / MailTypeCode	optional	The mail type code	string
TrackResponse / TrackInfo / MPDATE	optional	Internal date stamp	string
TrackResponse / TrackInfo / MPSUFFIX	optional	Internal suffix	integer
TrackResponse / TrackInfo / OriginCity	optional	The origin city	string
TrackResponse / TrackInfo / OriginCountryCode	optional	The origin country code	string
TrackResponse / TrackInfo / OriginState	optional	The origin state	string
TrackResponse / TrackInfo / OriginZip	optional	The origin zip code	string
TrackResponse / TrackInfo / PodEnabled	optional	Signifies if Proof of Delivery service is enabled	boolean
TrackResponse / TrackInfo / RestoreEnabled	optional	Signifies if Restore tracking information service is enabled	boolean
TrackResponse / TrackInfo / RreEnabled	optional	Signifies if Return Receipt Electronic service is enabled	boolean
TrackResponse / TrackInfo / Service	optional, repeating up to unbounded times	Additional services purchased	string
TrackResponse / TrackInfo / ServiceTypeCode	optional	Service Type Code	string
TrackResponse / TrackInfo / Status	optional	Delivery status	string
TrackResponse / TrackInfo / StatusCategory	optional	Delivery status category	string
TrackResponse / TrackInfo / StatusSummary	optional	Detailed status summary	string
TrackResponse / TrackInfo / TABLECODE	optional	Internal table code	string
TrackResponse / TrackInfo / TrackSummary	optional	Tracking Summary Information.	(group)

Track/Confirm Fields Web Tool

Tag Name	Occurs	Description	Type
TrackResponse / TrackInfo / TrackSummary / EventTime	optional	The time of the event.	string
TrackResponse / TrackInfo / TrackSummary / EventDate	optional	The date of the event.	string
TrackResponse / TrackInfo / TrackSummary / Event	optional	The event type (e.g., Enroute).	string
TrackResponse / TrackInfo / TrackSummary / EventCity	optional	The city where the event occurred.	string
TrackResponse / TrackInfo / TrackSummary / EventState	optional	The state where the event occurred.	string
TrackResponse / TrackInfo / TrackSummary / EventZIPCode	optional	The ZIP Code of the event.	string
TrackResponse / TrackInfo / TrackSummary / EventCountry	optional	The country where the event occurred.	string
TrackResponse / TrackInfo / TrackSummary / FirmName	optional	The company name if delivered to a company.	string
TrackResponse / TrackInfo / TrackSummary / Name	optional	The name of the persons signing for delivery (if available).	string
TrackResponse / TrackInfo / TrackSummary / AuthorizedAgent	optional	True/False field indicating the person signing as an Authorized Agent.	boolean
TrackResponse / TrackInfo / TrackSummary / EventCode	optional	Event Code	string
TrackResponse / TrackInfo / TrackSummary / ActionCode	optional	Action Code	string
TrackResponse / TrackInfo / TrackSummary / ReasonCode	optional	Reason Code	string
TrackResponse / TrackInfo / TrackDetail	optional	Tracking Detail Information. This group is repeatable.	(group)
TrackResponse / TrackInfo / TrackDetail / EventTime	optional	The time of the event.	string
TrackResponse / TrackInfo / TrackDetail / EventDate	optional	The date of the event.	string
TrackResponse / TrackInfo / TrackDetail / Event	optional	The event type (e.g., Enroute).	string
TrackResponse / TrackInfo / TrackDetail / EventCity	optional	The city where the event occurred.	string
TrackResponse / TrackInfo / TrackDetail / EventState	optional	The state where the event occurred.	string
TrackResponse / TrackInfo / TrackDetail / EventZIPCode	optional	The ZIP Code of the event	string
TrackResponse / TrackInfo / TrackDetail / EventCountry	optional	The country where the event occurred.	string
TrackResponse / TrackInfo / TrackDetail / FirmName	optional	The company name if delivered to a company.	string

Track/Confirm Fields Web Tool

Tag Name	Occurs	Description	Type
TrackResponse / TrackInfo / TrackDetail / Name	optional	The name of the persons signing for delivery (if available).	string
TrackResponse / TrackInfo / TrackDetail / AuthorizedAgent	optional	True/False field indicating the person signing as an Authorized Agent.	boolean
TrackResponse / TrackInfo / TrackDetail / EventCode	optional	Event Code	string
TrackResponse / TrackInfo / TrackDetail / ActionCode	optional	Action Code	string
TrackResponse / TrackInfo / TrackDetail / ReasonCode	optional	Reason Code	string

3.2.4 Response Example – Revision = 1

```

<?xml version="1.0" ?>
<TrackResponse>
  <TrackInfo ID="9102969010383081813033">
    <Class>Package Services</Class>
    <ClassOfMailCode>BP</ClassOfMailCode>
    <DestinationCity>BEVERLY HILLS</DestinationCity>
    <DestinationState>CA</DestinationState>
    <DestinationZip>90210</DestinationZip>
    <EmailEnabled>true</EmailEnabled>
    <ExpectedDeliveryDate>March 9, 2012</ExpectedDeliveryDate>
    <KahalaIndicator>>false</KahalaIndicator>
    <MailTypeCode>DM</MailTypeCode>
    <MPDATE>2012-03-06 03:23:03.300056</MPDATE>
    <MPSUFFIX>9006</MPSUFFIX>
    <OriginCity>LAS VEGAS</OriginCity>
    <OriginState>NV</OriginState>
    <OriginZip>89121</OriginZip>
    <PodEnabled>>false</PodEnabled>
    <RestoreEnabled>>false</RestoreEnabled>
    <RreEnabled>>false</RreEnabled>
    <Service>Delivery Confirmation<SUP>&#153;</SUP></Service>
    <ServiceTypeCode>02</ServiceTypeCode>
    <Status>Delivered</Status>
    <StatusCategory>Delivered</StatusCategory>
    <StatusSummary>Your item was delivered at 9:58 am on March 08, 2012 in
    BEVERLY HILLS, CA 90210.</StatusSummary>
    <TABLECODE>T</TABLECODE>
    <TrackSummary>
      <EventTime>9:58 am</EventTime>
      <EventDate>March 08, 2012</EventDate>
      <Event>Delivered</Event>
    </TrackSummary>
  </TrackInfo>
</TrackResponse>

```

```

<EventCity>BEVERLY HILLS</EventCity>
<EventState>CA</EventState>
<EventZIPCode>90210</EventZIPCode>
<EventCountry />
<FirmName />
<Name />
<AuthorizedAgent />
<EventCode>01</EventCode>
</TrackSummary>
<TrackDetail>
  <EventTime>9:25 am</EventTime>
  <EventDate>March 08, 2012</EventDate>
  <Event>Out for Delivery</Event>
  <EventCity>BEVERLY HILLS</EventCity>
  <EventState>CA</EventState>
  <EventZIPCode>90210</EventZIPCode>
  <EventCountry />
  <FirmName />
  <Name />
  <AuthorizedAgent />
  <EventCode>OF</EventCode>
</TrackDetail>
<TrackDetail>
  <EventTime>9:15 am</EventTime>
  <EventDate>March 08, 2012</EventDate>
  <Event>Sorting Complete</Event>
  <EventCity>BEVERLY HILLS</EventCity>
  <EventState>CA</EventState>
  <EventZIPCode>90210</EventZIPCode>
  <EventCountry />
  <FirmName />
  <Name />
  <AuthorizedAgent />

```

```

    <EventCode>PC</EventCode>
  </TrackDetail>
  <TrackDetail>
    <EventTime>4:47 am</EventTime>
    <EventDate>March 08, 2012</EventDate>
    <Event>Arrival at Post Office</Event>
    <EventCity>BEVERLY HILLS</EventCity>
    <EventState>CA</EventState>
    <EventZIPCode>90210</EventZIPCode>
    <EventCountry />
    <FirmName />
    <Name />
    <AuthorizedAgent />
    <EventCode>07</EventCode>
  </TrackDetail>
  <TrackDetail>
    <EventTime />
    <EventDate>March 07, 2012</EventDate>
    <Event>Depart USPS Sort Facility</Event>
    <EventCity>BELL GARDENS</EventCity>
    <EventState>CA</EventState>
    <EventZIPCode>90201</EventZIPCode>
    <EventCountry />
    <FirmName />
    <Name />
    <AuthorizedAgent />
    <EventCode>EF</EventCode>
  </TrackDetail>
  <TrackDetail>
    <EventTime>3:17 am</EventTime>
    <EventDate>March 07, 2012</EventDate>
    <Event>Processed through USPS Sort Facility</Event>
    <EventCity>BELL GARDENS</EventCity>

```

```

<EventState>CA</EventState>
<EventZIPCode>90201</EventZIPCode>
<EventCountry />
<FirmName />
<Name />
<AuthorizedAgent />
<EventCode>10</EventCode>
</TrackDetail>
<TrackDetail>
  <EventTime>4:55 pm</EventTime>
  <EventDate>March 06, 2012</EventDate>
  <Event>Dispatched to Sort Facility</Event>
  <EventCity>LAS VEGAS</EventCity>
  <EventState>NV</EventState>
  <EventZIPCode>89121</EventZIPCode>
  <EventCountry />
  <FirmName />
  <Name />
  <AuthorizedAgent />
  <EventCode>SF</EventCode>
</TrackDetail>
<TrackDetail>
  <EventTime>3:28 pm</EventTime>
  <EventDate>March 06, 2012</EventDate>
  <Event>Acceptance</Event>
  <EventCity>LAS VEGAS</EventCity>
  <EventState>NV</EventState>
  <EventZIPCode>89121</EventZIPCode>
  <EventCountry />
  <FirmName />
  <Name />
  <AuthorizedAgent />
  <EventCode>03</EventCode>

```

```
</TrackDetail>  
<TrackDetail>  
  <EventTime />  
  <EventDate>March 06, 2012</EventDate>  
  <Event>Electronic Shipping Info Received</Event>  
  <EventCity />  
  <EventState />  
  <EventZIPCode />  
  <EventCountry />  
  <FirmName />  
  <Name />  
  <AuthorizedAgent />  
  <EventCode>MA</EventCode>  
</TrackDetail>  
</TrackInfo>  
</TrackResponse>
```

If an error message is returned, refer to the *Error Responses* section for an explanation.



4.0 Tracking Service APIs

Four service APIs are offered in conjunction with “Revision = 1” of the Track/Confirm Fields Web Tool: Track and Confirm by Email, Proof of Delivery, Return Receipt Electronic and Restore for tracking information. The response data from Track/Confirm Fields request determines which services are available for a tracking ID. Each request input to the Web Tool server for the tracking service APIs is limited to 1 tracking ID.

These APIs are restricted to USPS internal use only.

5.0 Track and Confirm by Email API

The Track and Confirm by Email API allows the customer to submit their email address to be notified of current or future tracking activity.

5.1 Track and Confirm by Email Request

The table below presents the XML input tags for generating Live requests and the restrictions on the values allowed. An error message will be returned if an incorrect value is entered. Also, be aware of the maximum character amounts allowed for some tags. If the user enters more than those amounts, an error will not be generated. **The Web Tool will simply pass in the characters up to the maximum amount allowed and disregard the rest.** This is important since the resulting value could prevent a correct response.

When building the XML request, pay particular attention to the **order and case** for tags. An error message will be returned if an incorrect value is entered. Remember that all data and attribute values in this document are for illustration purposes and are to be replaced by your actual values. For instance, a line of sample code may be:

```
<TrackID> EJ123456780US </TrackID>
```

In this instance, you will replace “EJ123456780US” with the tracking ID for the package.

5.1.1 API Signature

Scheme	Host	Path	API	XML
https://	secure.shippingapis.com	/ShippingAPI.dll	?API=PTSEmail	&XML=(see below)

5.1.2 Request Parameters

Tag Name	Occurs	Description	Type	Validation
PTSEmailRequest	required once		(group)	
PTSEmailRequest / @USERID	required	This attribute specifies your Web Tools ID. See the Developer's Guide for information on obtaining your USERID.	string	
PTSEmailRequest / @PASSWORD	optional	For backward-compatibility; not validated.	string	
PTSEmailRequest / TrackId	required	Must be alphanumeric characters. For example: <TrackId>EJ123456780US</TrackId>	string	
PTSEmailRequest / ClientIp	optional	User IP address. For Example: <ClientIp>127.0.0.1</ClientIp>	string	
PTSEmailRequest / SourceId	optional	Internal User Identification. For Example: <SourceId>XYZ Corp</SourceId>	string	
PTSEmailRequest / MpSuffix	required	MPSUFFIX value located in Track/Confirm Fields API response data. Unique to each TrackID. For Example: <MpSuffix>9402</MpSuffix>	integer	
PTSEmailRequest / MpDate	required	MPDATE value located in Track/Confirm Fields API response data. Unique to each TrackId. For Example: <MpDate>2009-07-02 00:42:23.35744</MpDate>	string	
PTSEmailRequest / RequestType	required	Enter a notification request type from the choices available. "EC" – (Email Current) Email all activity to-date "EN" – (Email New) Email all future tracking activity "EB" – (Email Both) Email both activity to-date and future tracking activity For Example: <RequestType>EC</RequestType>	string	enumeration=EC enumeration=EN enumeration=EB
PTSEmailRequest / FirstName	optional	Recipient First Name. For example: <FirstName>John</FirstName>	string	

Tag Name	Occurs	Description	Type	Validation
PTSEmailRequest / LastName	optional	Recipient Last Name. For example: <LastName>Doe</LastName>	string	
PTSEmailRequest / Email1	required once	Complete valid e-mail address is required if tag is used. For example: <Email1>cpapple@email.com</Email1>	string	
PTSEmailRequest / Email2	optional	Complete valid e-mail address is required if tag is used.	string	
PTSEmailRequest / Email3	optional	Complete valid e-mail address is required if tag is used.	string	

5.1.3 Request Example

```

<PTSEmailRequest USERID="xxx">
  <TrackId>01128882300763290532</TrackId >
  <ClientIp>127.0.0.1</ClientIp>
  <SourceId>XYZ Corp</SourceId>
  <MpSuffix >9402</MpSuffix>
  <MpDate >2009-07-02 00:42:23.35744</MpDate>
  <RequestType >EN</RequestType>
  <FirstName >John</FirstName>
  <LastName >Doe</LastName>
  <Email1> cpapple@email.com </Email1>
  <Email2></Email2>
  <Email3></Email3>
</PTSEmailRequest>
    
```


5.2 Track and Confirm by Email Response

5.2.1 Response Parameters

Tag Name	Occurs	Description	Type
PTSEmailResult	required once		(group)
PTSEmailResult / ResultText	required once	Informational text for chosen service option.	string
PTSEmailResult / ReturnCode	required once	Corresponds to <ResultText>.	numeric

5.2.2 Response Example

```

<PTSEmailResult>
  <ResultText>Your request for all activity to-date will be processed within four hours. Any future activity
  will be processed whenever there is new delivery related event activity.</ResultText>
  <ReturnCode>0</ReturnCode>
</PTSEmailResult>

```

6.0 Proof of Delivery API

Proof of Delivery is a letter that includes the recipient's name and a copy of their signature. The Proof of Delivery API allows the customer to request proof of delivery notification via email.

6.1 Proof of Delivery Request

The table below presents the XML input tags for generating Live requests and the restrictions on the values allowed. An error message will be returned if an incorrect value is entered. Also, be aware of the maximum character amounts allowed for some tags. If the user enters more than those amounts, an error will not be generated. **The Web Tool will simply pass in the characters up to the maximum amount allowed and disregard the rest.** This is important since the resulting value could prevent a correct response.

When building the XML request, pay particular attention to the **order and case** for tags. An error message will be returned if an incorrect value is entered. Remember that all data and attribute values in this document are for illustration purposes and are to be replaced by your actual values. For instance, a line of sample code may be:

```
<TrackID> EJ123456780US </TrackID>
```

In this instance, you will replace “EJ123456780US” with the tracking ID for the package.

6.1.1 API Signature

Scheme	Host	Path	API	XML
https://	secure.shippingapis.com	/ShippingAPI.dll	?API=PTSPod	&XML=(see below)

6.1.2 Request Parameters

Tag Name	Occurs	Description	Type	Validation
PTSPodRequest	required once		(group)	
PTSPodRequest / @USERID	required	This attribute specifies your Web Tools ID. See the Developer's Guide for information on obtaining your USERID.	string	
PTSPodRequest / @PASSWORD	optional	For backward-compatibility; not validated.	string	
PTSPodRequest / TrackId	required	Must be alphanumeric characters. For example: <TrackId>EJ123456780US</TrackId>	string	

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Tag Name	Occurs	Description	Type	Validation
PTSPodRequest / ClientIp	optional	User IP address. For Example: <ClientIp>127.0.0.1</ClientIp>	string	
PTSPodRequest / SourceId	optional	Internal User Identification. For Example: <SourceId>XYZ Corp</SourceId>	string	
PTSPodRequest / MpSuffix	required	MPSUFFIX value located in Track/Confirm Fields API response data. Unique to each TrackId. For Example: <MpSuffix>9402</MpSuffix>	integer	
PTSPodRequest / MpDate	required	MPDATE value located in Track/Confirm Fields API response data. Unique to each TrackID. For Example: <MpDate>2009-07-02 00:42:23.35744</MpDate>	string	
PTSPodRequest / RequestType	required	Enter a notification request type from the choices available. For Example: <RequestType>Email</RequestType>	string	enumeration=Email
PTSPodRequest / FirstName	required	Recipient First Name. For example: <FirstName>John</FirstName>	string	
PTSPodRequest / LastName	required	Recipient Last Name. For example: <LastName>Doe</LastName>	string	
PTSPodRequest / Email1	optional	Required when PTSPodRequest[RequestType='Email'] Complete valid e-mail address is required if tag is used. For example: <Email1>cpapple@email.com</Email1>	string	
PTSPodRequest / Email2	optional	Complete valid e-mail address is required if tag is used.	string	
PTSPodRequest / Email3	optional	Complete valid e-mail address is required if tag is used.	string	
PTSPodRequest / FaxNumber	optional	Deprecated. "Fax" option no longer available.	string	
PTSPodRequest / AddressLine1	optional	Deprecated. "Mail" option no longer available.	string	

Track/Confirm Fields Web Tool

Tag Name	Occurs	Description	Type	Validation
PTSPodRequest / AddressLine2	optional	Deprecated. "Mail" option no longer available.	string	
PTSPodRequest / City	optional	Deprecated. "Mail" option no longer available.	string	
PTSPodRequest / State	optional	Deprecated. "Mail" option no longer available.	string	
PTSPodRequest / Zip	optional	Deprecated. "Mail" option no longer available.	string	
PTSPodRequest / VerifyAddress	optional	Deprecated. "Mail" option no longer available.	boolean	
PTSPodRequest / TableCode	required	TableCode value located in Track/Confirm Fields API response data. Unique to each TrackID. For Example: <TableCode>T</TableCode>	string	

6.1.3 Request Example

```

<PTSPodRequest USERID="xxx">
  <TrackId>21010521297326074392</TrackId >
  <ClientIp>127.0.0.1</ClientIp>
  <SourceId>XYZ Corp</SourceId>
  <MpSuffix >9402</MpSuffix>
  <MpDate >2009-07-02 00:42:23.35744</MpDate>
  <RequestType >Email</RequestType>
  <FirstName >John</FirstName>
  <LastName >Doe</LastName>
  <Email1> cpapple@email.com </Email1>
  <Email2></Email2>
  <Email3></Email3>
  <TableCode>T</TableCode>
</PTSPodRequest>

```

6.2 Proof of Delivery Response

6.2.1 Response Parameters

Tag Name	Occurs	Description	Type
PTSPodResult	required once		(group)
PTSPodResult / AMSMatch	optional	Indicates whether or not a match was found for requested address. Required when PTSPodRequest[VerifyAddress='true']	string
PTSPodResult / PreferredAddress	optional	Cleansed address response	(group)
PTSPodResult / ADDRESSLINE1	optional	Cleansed address response	string
PTSPodResult / ADDRESSLINE2	optional	Cleansed address response	string
PTSPodResult / CITY	optional	Cleansed address response	string
PTSPodResult / STATE	optional	Cleansed address response	string
PTSPodResult / ZIP	optional	Cleansed address response	string
PTSPodRequest / ResultText	required once	Informational text for chosen service option.	string
PTSPodRequest / ReturnCode	required once	Corresponds to <ResultText>.	numeric

6.2.2 Response Example

```
<PTSPodResult>
  <ResultText>Your Proof of Delivery record is complete and will be processed shortly.</ResultText>
  <ReturnCode>0</ReturnCode>
</PTSPodResult>
```

7.0 Return Receipt Electronic API

The Return Receipt Electronic API allows the customer to request a copy of the proof of delivery record via email.

7.1 Return Receipt Electronic Request

The table below presents the XML input tags for generating Live requests and the restrictions on the values allowed. An error message will be returned if an incorrect value is entered. Also, be aware of the maximum character amounts allowed for some tags. If the user enters more than those amounts, an error will not be generated. **The Web Tool will simply pass in the characters up to the maximum amount allowed and disregard the rest.** This is important since the resulting value could prevent a correct response.

When building the XML request, pay particular attention to the **order and case** for tags. An error message will be returned if an incorrect value is entered. Remember that all data and attribute values in this document are for illustration purposes and are to be replaced by your actual values. For instance, a line of sample code may be:

```
<TrackID> EJ123456780US </TrackID>
```

In this instance, you will replace “EJ123456780US” with the tracking ID for the package.

7.1.1 API Signature

Scheme	Host	Path	API	XML
https://	secure.shippingapis.com	/ShippingAPI.dll	?API=PTSRre	&XML=(see below)

7.1.2 Request Parameters

Tag Name	Occurs	Description	Type	Validation
PTSRreRequest	required once		(group)	
PTSRreRequest / @USERID	required	This attribute specifies your Web Tools ID. See the Developer's Guide for information on obtaining your USERID.	string	
PTSRreRequest / @PASSWORD	optional	For backward-compatibility; not validated.	string	
PTSRreRequest / TrackId	required	Must be alphanumeric characters. For example: <TrackId>EJ123456780US</TrackId>	string	

Track/Confirm Fields Web Tool

Tag Name	Occurs	Description	Type	Validation
PTSRreRequest / ClientIp	optional	User IP address. For Example: <ClientIp>127.0.0.1</ClientIp>	string	
PTSRreRequest / SourceId	optional	Internal User Identification. For Example: <SourceId>XYZ Corp</SourceId>	string	
PTSRreRequest / MpSuffix	required	MPSUFFIX value located in Track/Confirm Fields API response data. Unique to each TrackId. For Example: <MpSuffix>9402</MpSuffix>	integer	
PTSRreRequest / MpDate	required	MPDATE value located in Track/Confirm Fields API response data. Unique to each TrackID. For Example: <MpDate>2009-07-02 00:42:23.35744</MpDate>	string	
PTSRreRequest / FirstName	required	Recipient First Name. For example: <FirstName>John</FirstName>	string	
PTSRreRequest / LastName	required	Recipient Last Name. For example: <LastName>Doe</LastName>	string	
PTSRreRequest / Email1	required once	Complete valid e-mail address is required if tag is used. For example: <Email1>cpapple@email.com</Email1>	string	
PTSRreRequest / Email2	optional	Complete valid e-mail address is required if tag is used.	string	
PTSRreRequest / Email3	optional	Complete valid e-mail address is required if tag is used.	string	
PTSRreRequest / TableCode	required	TableCode value located in Track/Confirm Fields API response data. Unique to each TrackID. For Example: <TableCode>T</TableCode>	string	

7.1.3 Request Example

```

<PTSRreRequest USERID="xxx">
  <TrackId>05878510510001001318</TrackId >
  <ClientIp>127.0.0.1</ClientIp>
  <SourceId>XYZ Corp</SourceId>
  <MpSuffix>9402</MpSuffix>
  <MpDate>2009-07-02 00:42:23.35744</MpDate>
  <FirstName>John</FirstName>
  <LastName>Doe</LastName>
  <Email1>cpapple@email.com</Email1>
  <Email2></Email2>
  <Email3></Email3>
  <TableCode>T</TableCode>
</PTSRreRequest>

```

7.2 Return Receipt Electronic Response

7.2.1 Response Parameters

Tag Name	Occurs	Description	Type
PTSRreResult	required once		(group)
PTSRreResult / ResultText	required once	Informational text for chosen service option.	string
PTSRreResult / ReturnCode	required once	Corresponds to <ResultText>.	numeric

7.2.2 Response Example

```

<PTSRreResult>
  <ResultText> Your Proof of Delivery record is complete and will be processed shortly.</ResultText>
  <ReturnCode>0</ReturnCode>
</PTSRreResult>

```


8.0 Restore API

The Restore API allows the customer to restore tracking information from the archives.

8.1 Restore Request

The table below presents the XML input tags for generating Live requests and the restrictions on the values allowed. An error message will be returned if an incorrect value is entered. Also, be aware of the maximum character amounts allowed for some tags. If the user enters more than those amounts, an error will not be generated. **The Web Tool will simply pass in the characters up to the maximum amount allowed and disregard the rest.** This is important since the resulting value could prevent a correct response.

When building the XML request, pay particular attention to the **order and case** for tags. An error message will be returned if an incorrect value is entered. Remember that all data and attribute values in this document are for illustration purposes and are to be replaced by your actual values. For instance, a line of sample code may be:

```
<TrackID> EJ123456780US </TrackID>
```

In this instance, you will replace “EJ123456780US” with the tracking ID for the package.

8.1.1 API Signature

Scheme	Host	Path	API	XML
https://	secure.shippingapis.com	/ShippingAPI.dll	?API=PTSRestore	&XML=(see below)

8.1.2 Request Parameters

Tag Name	Occurs	Description	Type	Validation
PTSRestoreRequest	required once		(group)	
PTSRestoreRequest / @USERID	required	This attribute specifies your Web Tools ID. See the Developer's Guide for information on obtaining your USERID.	string	
PTSRestoreRequest / @PASSWORD	optional	For backward-compatibility; not validated.	string	
PTSRestoreRequest / TrackId	required	Must be alphanumeric characters. For example: <TrackId>EJ123456780US</TrackId>	string	
PTSRestoreRequest / ClientIp	optional	User IP address. For Example: <ClientIp>127.0.0.1</ClientIp>	string	

Track/Confirm Fields Web Tool

Tag Name	Occurs	Description	Type	Validation
PTSRestoreRequest / SourceId	optional	Internal User Identification. For Example: <SourceId>XYZ Corp</SourceId>	string	
PTSRestoreRequest / MpDate	required	MPDATE value located in Track/Confirm Fields API response data. Unique to each TrackID. For Example: <MpDate>2009-07-02 00:42:23.35744</MpDate>	string	
PTSRestoreRequest / FirstName	optional	Recipient First Name. For example: <FirstName>John</FirstName>	string	
PTSRestoreRequest / LastName	optional	Recipient Last Name. For example: <LastName>Doe</LastName>	string	
PTSRestoreRequest / Email	optional	Complete valid e-mail address is required if tag is used. For example: <Email>cpapple@email.com</Email>	string	

8.1.3 Request Example

```

<PTSRestoreRequest USERID="xxx">
  <TrackId>70010320000307851274</TrackId >
  <ClientIp>127.0.0.1</ClientIp>
  <SourceId>XYZ Corp</SourceId>
  <MpDate>2009-07-02 00:42:23.35744</MpDate>
  <FirstName>John</FirstName>
  <LastName>Doe</LastName>
  <Email>cpapple@email.com</Email>
</PTSRestoreRequest>
```

8.2 Restore Response

8.2.1 Response Parameters

Tag Name	Occurs	Description	Type
PTSRestoreResult	required once		(group)
PTSRestoreResult / ResultText	required once	Informational text for chosen service option.	string
PTSRestoreResult / ReturnCode	required once	Corresponds to <ResultText>.	numeric

8.2.2 Response Example

```

<PTSRestoreResult>
  <ResultText>Records will generally be restored within four hours. Restored records will be available
    online for 30 days. Please check back later to view your restored event information.</ResultText>
  <ReturnCode>0</ReturnCode>
</PTSRestoreResult>

```