

# Track & Confirm API

**USPS Web Tools™**

**Application Programming Interface**

**User's Guide**

**Version 3.3 (02/28/2016)**



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## Introduction to Web Tools

This document contains a Reference Guide to the USPS Tracking/Delivery Confirmation Label APIs. See the Developer's Guide 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.

### ***Before you get started:***

For information on registering and getting started with Web Tools, please refer to the [Step-By-Step guide](#) found on the Technical Documentation section of the Web Tools page on [usps.com/webtools](https://usps.com/webtools).

Label API access requires extra permissions; contact the Internet Customer Care Center [uspstechnicalsupport@mailps.custhelp.com](mailto:uspstechnicalsupport@mailps.custhelp.com) to request access. Indicate "Label API Access" in the subject line and explain in the body of the email:

1. How the shipper intends to purchase and apply postage to the labels
2. If the label image provided by the API will be modified in any way by the shipper or the software

## USPS Tracking API

### ***Overview***

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.

## Track Request API

### API Signature

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

Note: The "stg-production.shippingapis.com" signature host is for testing purposes. If you experience any issues connecting to this test server, please contact our helpdesk at [uspstechnicalsupport@mailps.custhelp.com](mailto:uspstechnicalsupport@mailps.custhelp.com).

### Request Description

Tag Name	Occurs	Description	Type	Validation
TrackRequest	required	API=TrackV2	(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	minOccurs="1"

### Sample Request and Response

#### Test XML Request:

```
http://production.shippingapis.com/ShippingAPI.dll?API=TrackV2&XML=?xml version="1.0"
encoding="UTF-8" ?>
<TrackRequest USERID="xxxxxxx">
<TrackID ID="EJ123456780US"></TrackID>
<TrackID ID="EJ123456781US"></TrackID>
<TrackID ID="12345"></TrackID>
```

</TrackRequest>

**Test XML Response:**

<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>

## Track/Confirm Fields API

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.

### API Signature

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

Note: The "stg-production.shippingapis.com" signature host is for testing purposes. If you experience any issues connecting to this test server, please contact our helpdesk at [uspstechnicalsupport@mailps.custhelp.com](mailto:uspstechnicalsupport@mailps.custhelp.com)

### Request Description

Tag Name	Occurs	Description	Type	Validation
TrackFieldRequest	required once	API=TrackV2	(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	minOccurs="0"
TrackFieldRequest / ClientIp	optional	User IP address. Required when TrackFieldRequest[Revision='1'].  For Example: <ClientIp>127.0.0.1</ClientIp>	string	minOccurs="0"
TrackFieldRequest / SourceIdZIP	optional	ZIP Code of the requestor.	string	minOccurs="0" Pattern="[0-9]{5}"

Tag Name	Occurs	Description	Type	Validation
TrackFieldRequest / TrackID	required	Package Tracking ID. Must be alphanumeric characters. For example: <TrackID ID="EJ123456780US"> </TrackID>	string	minOccurs="1"
TrackFieldRequest / TrackID / DestinationZipCode	optional	5 digit destination zip code. For Example: <DestinationZipCode>12345</DestinationZipCode>	string	minOccurs="0"
TrackFieldRequest / TrackID / MailingDate	optional	Mailing date of package. Format: YYYY-MM-DD For Example: <MailingDate>2010-01-01</MailingDate>	string	minOccurs="0"
TrackFieldRequest	required once		(alias)	

## Sample Requests

### Test XML Request:

```
<TrackFieldRequest USERID="xxxxxxxx">
  <ClientIp>111.0.0.1</ClientIp>
  <TrackID ID="5551212699300000962610" />
</TrackFieldRequest>
```

### Test XML Request (Revision = 1):

```
http://production.shippingapis.com/ShippingAPI.dll?API=TrackV2&XML=<?xml version="1.0"
encoding="UTF-8" ?>
<TrackFieldRequest PASSWORD="" USERID="prodsolclient" APPID="">
  <Revision>1</Revision>
  <ClientIp>111.0.0.1</ClientIp>
  <TrackID ID="5551212699300000962610" />
</TrackFieldRequest>
```

## Response Description

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 / TrackSummary / EventCode	optional	The event code	string
TrackResponse / TrackInfo / TrackSummary / ActionCode	optional	The action code	string
TrackResponse / TrackInfo / TrackSummary / ReasonCode	optional	The reason code	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
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
TrackResponse / TrackInfo / TrackDetail / EventCode	optional	The event code	string
TrackResponse / TrackInfo / TrackDetail / ActionCode	optional	The action code	string
TrackResponse / TrackInfo / TrackDetail / ReasonCode	optional	The reason code	string
TrackResponse	required once		(alias)

### **Response Description (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 / CarrierRelease	optional	Indicates whether or not the mailer has authorized carrier release (T or F)	string
TrackResponse / TrackInfo / Class	optional	The class of mail. Example: Priority Mail 1-Day	string
TrackResponse / TrackInfo / ClassOfMailCode	optional	Class of mail code Examples: PM, PME, PME1	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

Tag Name	Occurs	Description	Type
TrackResponse / TrackInfo / DestinationState	optional	The destination state	string
TrackResponse / TrackInfo / DestinationZip	optional	The destination zip code	string
TrackResponse / TrackInfo / EditedLabelID	Optional, only included in response for specific SourceIDs	Identifies edited or full barcode information to support numeric only input	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 / ExpectedDeliveryTime	optional	Expected delivery time. Example: 2:00 PM	string
TrackResponse / TrackInfo / GuaranteedDeliveryDate	optional	Guaranteed Delivery Date – Global Express Mail only: certain countries provide a guarantee delivery. Example: 04 June 2013, 3 Business Days	string
TrackResponse / TrackInfo / GuaranteedDeliveryTime	optional	Guaranteed Delivery Time – Global Express Mail only: certain countries provide a guarantee delivery	string
TrackResponse / TrackInfo / GuaranteedDetails	optional	Messaging to identify Guarantee limits (e.g. Loss Only Guarantee”	string
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 in yyyy-mm-dd hh:mm:ss.xxxx format	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

Tag Name	Occurs	Description	Type
TrackResponse / TrackInfo / PodEnabled	optional	Signifies if Proof of Delivery service is enabled	boolean
TrackResponse / TrackInfo / PredictedDeliveryDate	optional	The predicted delivery date	string
TrackResponse / TrackInfo / PredictedDeliveryTime	optional	Predicted Delivery Time Example: 3:00 PM (Or blank)	string
TrackResponse / TrackInfo / PDWStart	optional	Predicted Delivery Window start time in military format. Example: 1300	string
TrackResponse / TrackInfo / PDWEnd	optional	Predicted Delivery Window end time in military format. Example: 1500	string
TrackResponse / TrackInfo / RelatedRRID	optional	Related Return Receipt ID	string
TrackResponse / TrackInfo / RestoreEnabled	optional	Signifies if Restore tracking information service is enabled	boolean
TrackResponse / TrackInfo / RRAMenabled	optional	Signifies if RRAM 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 / ValueofArticle	Optional, only returned for specific SourceIDs	Declared value of the package contents. Example: \$20.00	string
TrackResponse / TrackInfo / TrackSummary	optional	Tracking Summary Information.	(group)

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

Tag Name	Occurs	Description	Type
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.	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
TrackResponse	required		(alias)

## Sample Response

### Test XML Response:

```

<TrackResponse>
  <TrackInfo ID="5551212699300000962610">
    <TrackSummary>
      <EventTime>10:45 pm</EventTime>
      <EventDate>January 6, 2016</EventDate>
      <Event>Arrived at USPS Facility</Event>
      <EventCity>COLUMBUS</EventCity>
      <EventState>OH</EventState>
      <EventZIPCode>43218</EventZIPCode>
      <EventCountry></EventCountry>
      <FirmName></FirmName>
      <Name></Name>
      <AuthorizedAgent>false</AuthorizedAgent>
    </TrackSummary>
    <TrackDetail>
      <EventTime>9:10 am</EventTime>
      <EventDate>January 6, 2016</EventDate>
      <Event>Acceptance</Event>
      <EventCity>LAKE CHARLES</EventCity>
      <EventState>IL</EventState>
      <EventZIPCode>12345</EventZIPCode>
      <EventCountry></EventCountry>
      <FirmName></FirmName>
      <Name></Name>
      <AuthorizedAgent>false</AuthorizedAgent>
    </TrackDetail>
  </TrackInfo>
</TrackResponse>

```

### Test XML Response(Revision = 1):

```

<TrackResponse>
  <TrackInfo ID="5551212699300000962610">
    <Class>USPS Retail Ground&#153;</Class>
    <ClassOfMailCode>BP</ClassOfMailCode>
    <DestinationCity>KBEA</DestinationCity>

```

```

<DestinationState>TX</DestinationState>
<DestinationZip>12345</DestinationZip>
<EmailEnabled>true</EmailEnabled>
<KahalaIndicator>false</KahalaIndicator>
<MailTypeCode>DM</MailTypeCode>
<MPDATE>2016-01-08 10:34:04.000000</MPDATE>
<MPSUFFIX>412725500</MPSUFFIX>
<OriginCity>LAKE CHARLES</OriginCity>
<OriginState>IL</OriginState>
<OriginZip>12345</OriginZip>
<PodEnabled>false</PodEnabled>
<RestoreEnabled>false</RestoreEnabled>
<RramEnabled>false</RramEnabled>
<RreEnabled>false</RreEnabled>
<Service>USPS Tracking&lt;SUP&gt;&#174;&lt;/SUP&gt;</Service>
<ServiceTypeCode>346</ServiceTypeCode>
<Status>Arrived at facility</Status>
<StatusCategory>In Transit</StatusCategory>
<StatusSummary>Your item arrived at our USPS facility in COLUMBUS, OH 43218 on January 6, 2016 at 10:45 pm. The
item is currently in transit to the destination.</StatusSummary>
<TABLECODE>T</TABLECODE>
<TrackSummary>
  <EventTime>10:45 pm</EventTime>
  <EventDate>January 6, 2016</EventDate>
  <Event>Arrived at USPS Facility</Event>
  <EventCity>COLUMBUS</EventCity>
  <EventState>OH</EventState>
  <EventZIPCode>43218</EventZIPCode>
  <EventCountry></EventCountry>
  <FirmName></FirmName>
  <Name></Name>
  <AuthorizedAgent>false</AuthorizedAgent>
  <EventCode>10</EventCode>
</TrackSummary>
<TrackDetail>
  <EventTime>9:10 am</EventTime>
  <EventDate>January 6, 2016</EventDate>
  <Event>Acceptance</Event>
  <EventCity>LAKE CHARLES</EventCity>
  <EventState>IL</EventState>
  <EventZIPCode>12345</EventZIPCode>
  <EventCountry></EventCountry>
  <FirmName></FirmName>
  <Name></Name>
  <AuthorizedAgent>false</AuthorizedAgent>
  <EventCode>03</EventCode>
</TrackDetail>
</TrackInfo>
</TrackResponse>

```

## 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.

### 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.

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.

### API Signature

Scheme	Host	Path	API	XML
http://	stg-production.shippingapis.com	/ShippingAPI.dll	?API=PTSEmail	&XML=(see below)
http://	production.shippingapis.com	/ShippingAPI.dll	?API=PTSEmail	&XML=(see below)

Note: The “stg-production.shippingapis.com” signature host is for testing purposes. If you experience any issues connecting to this test server, please contact our helpdesk at [uspstechnicalsupport@mailps.custhelp.com](mailto:uspstechnicalsupport@mailps.custhelp.com)

### Request Description

Tag Name	Occurs	Description	Type	Validation
PTSEmailRequest	required once	API=PTSEmail	(group)	



Tag Name	Occurs	Description	Type	Validation
PTSEmailRequest / @USERID	required	This attribute specifies your Web Tools ID. See the Developer's Guide for information on obtaining your USERID.	string	minOccurs="1"
PTSEmailRequest / TrackId	required	Must be alphanumeric characters. For example: <TrackId>EJ123456780US</TrackId>	string	minOccurs="1"
PTSEmailRequest / ClientIp	optional	User IP address.  For Example: <ClientIp>127.0.0.1</ClientIp>	string	minOccurs="0"
PTSEmailRequest / MpSuffix	required	MPSUFFIX value located in Track/Confirm Fields API response data. Unique to each TrackID.  For Example: <MpSuffix>9402</MpSuffix>	integer	minOccurs="1"
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	minOccurs="1"
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 "ED" – E-Mail Delivery/Non Delivery activity  For Example: <RequestType>EC</RequestType>	string	minOccurs="1"  Enumerations: EC EN EB ED
PTSEmailRequest / FirstName	optional	Recipient First Name.  For example: <FirstName>John</FirstName>	string	minOccurs="0"
PTSEmailRequest / LastName	optional	Recipient Last Name.  For example: <LastName>Doe</LastName>	string	minOccurs="0"
PTSEmailRequest / Email1	required once	Complete valid e-mail address is required if tag is used.  For example: <Email1>cpapple@email.com</Email1>	string	minOccurs="1"
PTSEmailRequest / Email2	optional	Complete valid e-mail address is required if tag is used.	string	minOccurs="0"

Tag Name	Occurs	Description	Type	Validation
PTSEmailRequest / Email3	optional	Complete valid e-mail address is required if tag is used.	string	minOccurs="0"
PTSEmailRequest	required once	API=PTSEmail	(alias)	

## Sample Request and Response

### Test XML Request:

```
<PTSEmailRequest USERID="xxx">
  <TrackId>01128882300763290532</TrackId >
  <ClientIp>127.0.0.1</ClientIp>
  <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>
```

### Test XML Response:

```
<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>
```

## 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.

### 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.

### API Signature

Scheme	Host	Path	API	XML
http://	stg-production.shippingapis.com	/ShippingAPI.dll	?API=PTSPod	&XML=(see below)
http://	production.shippingapis.com	/ShippingAPI.dll	?API=PTSPod	&XML=(see below)

Note: The "stg-production.shippingapis.com" signature host is for testing purposes. If you experience any issues connecting to this test server, please contact our helpdesk at [uspstechnicalsupport@mailps.custhelp.com](mailto:uspstechnicalsupport@mailps.custhelp.com)

**Request Description**

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	minOccurs="1"
PTSPodRequest / TrackId	required	Must be alphanumeric characters. For example: <TrackId>EJ123456780US</TrackId>	string	minOccurs="1"
PTSPodRequest / ClientIp	optional	User IP address. For Example: <ClientIp>127.0.0.1</ClientIp>	string	minOccurs="0"
PTSPodRequest / MpSuffix	required	MPSUFFIX value located in Track/Confirm Fields API response data. Unique to each TrackId. For Example: <MpSuffix>9402</MpSuffix>	integer	minOccurs="1"
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	minOccurs="1"
PTSPodRequest / RequestType	required	Enter a notification request type from the choices available. For Example: <RequestType>Email</RequestType>	string	minOccurs="1"
PTSPodRequest / FirstName	required	Recipient First Name. For example: <FirstName>John</FirstName>	string	minOccurs="1"
PTSPodRequest / LastName	required	Recipient Last Name. For example: <LastName>Doe</LastName>	string	minOccurs="1"
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	minOccurs="0"
PTSPodRequest / Email2	optional	Complete valid e-mail address is required if tag is used.	string	minOccurs="0"
PTSPodRequest / Email3	optional	Complete valid e-mail address is required if tag is used.	string	minOccurs="0"
PTSPodRequest / FaxNumber	optional	Fax Number	string	minOccurs="0"

Tag Name	Occurs	Description	Type	Validation
PTSPodRequest / AddressLine1	optional	Address Line 1	string	minOccurs="0"
PTSPodRequest / AddressLine2	optional	Address Line 2	string	minOccurs="0"
PTSPodRequest / City	optional	City	string	minOccurs="0"
PTSPodRequest / State	optional	State	string	minOccurs="0"
PTSPodRequest / Zip	optional	Zip	string	minOccurs="0"
PTSPodRequest / VerifyAddress	optional		boolean	minOccurs="0"
PTSPodRequest / TableCode	required	TableCode value located in Track/Confirm Fields API response data. Unique to each TrackID. For Example: <TableCode>T</TableCode>	string	minOccurs="1"

## Sample Requests and Response

### Test XML Request:

```
<PTSPodRequest USERID="xxx">
  <TrackId>21010521297326074392</TrackId >
  <ClientIp>127.0.0.1</ClientIp>
  <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>
```

### Test XML Response:

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

## Return Receipt Electronic API

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

### 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.

### API Signature

Scheme	Host	Path	API	XML
http://	stg-production.shippingapis.com	/ShippingAPI.dll	?API=PTSRre	&XML=(see below)
http://	production.shippingapis.com	/ShippingAPI.dll	?API=PTSRre	&XML=(see below)

Note: The "stg-production.shippingapis.com" signature host is for testing purposes. If you experience any issues connecting to this test server, please contact our helpdesk at [uspstechnicalsupport@mailps.custhelp.com](mailto:uspstechnicalsupport@mailps.custhelp.com)

### Request Description

Tag Name	Occurs	Description	Type	Validation
PTSRreRequest	required once	API=PTSRre	(group)	
PTSRreRequest / @USERID	required	This attribute specifies your Web Tools ID. See the Developer's Guide for information on obtaining your USERID.	string	
PTSRreRequest / TrackId	required	Must be alphanumeric characters. For example: <TrackId>EJ123456780US</TrackId>	string	minOccurs="1"

Tag Name	Occurs	Description	Type	Validation
PTSRreRequest / ClientIp	optional	User IP address. For Example: <ClientIp>127.0.0.1</ClientIp>	string	minOccurs="0"
PTSRreRequest / MpSuffix	required	MPSUFFIX value located in Track/Confirm Fields API response data. Unique to each TrackId. For Example: <MpSuffix>9402</MpSuffix>	integer	minOccurs="1"
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	minOccurs="1"
PTSRreRequest / FirstName	required	Recipient First Name. For example: <FirstName>John</FirstName>	string	minOccurs="1"
PTSRreRequest / LastName	required	Recipient Last Name. For example: <LastName>Doe</LastName>	string	minOccurs="1"
PTSRreRequest / Email1	required once	Complete valid e-mail address is required if tag is used. For example: <Email1>cpapple@email.com</Email1>	string	minOccurs="1"
PTSRreRequest / Email2	optional	Complete valid e-mail address is required if tag is used.	string	minOccurs="0"
PTSRreRequest / Email3	optional	Complete valid e-mail address is required if tag is used.	string	minOccurs="0"
PTSRreRequest / TableCode	required	TableCode value located in Track/Confirm Fields API response data. Unique to each TrackID. For Example: <TableCode>T</TableCode>	String	minOccurs="1"
PTSRreRequest	required		(alias)	

## Sample Request and Response

### Test XML Request:

```
<PTSRreRequest USERID="xxx">
  <TrackId>05878510510001001318</TrackId >
  <ClientIp>127.0.0.1</ClientIp>
  <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>
```

### Test XML Response:

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



## Restore API

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

### 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.

### API Signature

Scheme	Host	Path	API	XML
http://	stg-production.shippingapis.com	/ShippingAPI.dll	?API=PTSRestore	&XML=(see below)
http://	production.shippingapis.com	/ShippingAPI.dll	?API=PTSRestore	&XML=(see below)

Note: The "stg-production.shippingapis.com" signature host is for testing purposes. If you experience any issues connecting to this test server, please contact our helpdesk at [uspstechnicalsupport@mailps.custhelp.com](mailto:uspstechnicalsupport@mailps.custhelp.com)

### Request Description

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 / TrackId	required	Must be alphanumeric characters. For example: <TrackId>EJ123456780US</TrackId>	string	minOccurs="1"

Tag Name	Occurs	Description	Type	Validation
PTSRestoreRequest / ClientIp	optional	User IP address. For Example: <ClientIp>127.0.0.1</ClientIp>	string	minOccurs="0"
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	minOccurs="1"
PTSRestoreRequest / FirstName	optional	Recipient First Name. For example: <FirstName>John</FirstName>	string	minOccurs="0"
PTSRestoreRequest / LastName	optional	Recipient Last Name. For example: <LastName>Doe</LastName>	string	minOccurs="0"
PTSRestoreRequest / Email	optional	Complete valid e-mail address is required if tag is used. For example: <Email>cpapple@email.com</Email>	string	minOccurs="0"

## Sample Request and Response

### Test XML Request:

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

### Test XML Response:

```
<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>
```

## RRAM API

The Return Receipt After Mailing API allows the customer to receive a delivery record of an item after the item has been mailed. Current customers must request and purchase a return receipt (POD Letter) after mailing at the Post Office. This ability will provide an additional access channel for customers to request RRAM online through the USPS Tracking website.

### 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.

### API Signature

Scheme	Host	Path	API	XML
http://	stg-production.shippingapis.com	/ShippingAPI.dll	?API=PTSRram	&XML=(see below)
http://	production.shippingapis.com	/ShippingAPI.dll	?API=PTSRram	&XML=(see below)

Note: The "stg-production.shippingapis.com" signature host is for testing purposes. If you experience any issues connecting to this test server, please contact our helpdesk at [uspstechnicalsupport@mailps.custhelp.com](mailto:uspstechnicalsupport@mailps.custhelp.com)

### Request Description

Tag Name	Occurs	Description	Type	Validation
PTSRramRequest	required once		(group)	
PTSRramRequestt / @USERID	required	This attribute specifies your Web Tools ID. See the Developer's Guide for information on obtaining your USERID.	string	
PTSRramRequest / TrackId	required	Must be alphanumeric characters. For example: <TrackId>EJ123456780US</TrackId>	string	

Tag Name	Occurs	Description	Type	Validation
PTSRramRequest / ClientIp	optional	User IP address. For Example: <ClientIp>127.0.0.1</ClientIp>	string	minOccurs="0"
PTSRramRequest / MpSuffix	required	MPSUFFIX value located in Track/Confirm Fields API response data. Unique to each TrackId. For Example: <MpSuffix>9402</MpSuffix>	integer	minOccurs="1"
PTSRramRequest / 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	minOccurs="1"
PTSRramRequest / FirstName	required	Recipient First Name. For example: <FirstName>John</FirstName>	string	minOccurs="1"
PTSRramRequest / LastName	required	Recipient Last Name. For example: <LastName>Doe</LastName>	string	minOccurs="1"
PTSRramRequest / Email1	optional	Required when PTSRramRequest[RequestType='Email'] Complete valid e-mail address is required if tag is used. For example: <Email1>cpapple@email.com</Email1>	string	minOccurs="1"
PTSRramRequest / Email2	optional	Complete valid e-mail address is required if tag is used.	string	minOccurs="0"
PTSRramRequest / Email3	optional	Complete valid e-mail address is required if tag is used.	string	minOccurs="0"
PTSRramRequest / CommerceId	optional	ATG generated unique key that ties RRAM and Postal Store OrderId. Can be used for reporting, refunds and fraud investigation, etc. Example: ci519000001	string	minOccurs="0"
PTSRramRequest / OrderId	optional	ATG confirmation number for Postal Store financials. Example: o313284853	string	minOccurs="0"
PTSRramRequest / TableCode	required	TableCode value located in Track/Confirm Fields API response data. Unique to each TrackID. For Example: <TableCode>T</TableCode>	string	minOccurs="1"

## Sample Request and Response

### Test XML Request:

```
<PTSRramRequest>
  <TrackId>EA123456789US</TrackId>
  <ClientIp>123.0.0.1</ClientIp>
  <MpSuffix>9425</MpSuffix>
  <MpDate>2011-07-25</MpDate>
  <FirstName>JOHN</FirstName>
  <LastName>PUBLIC</LastName>
  <Email1>JOHN.Q.PUBLIC@USPS.GOV</Email1>
  <Email2></Email2>
  <Email3></Email3>
  <CommerceId></CommerceId>
  <OrderId></OrderId>
  <TableCode></TableCode>
</PTSRramRequest>
```

### Test XML Response:

```
<PTSRRAMRESULT>
  <ResultText>Success</ResultText>
  <ReturnCode>0</ReturnCode>
</PTSRRAMRESULT>
```

## 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.

If you need assistance with an error response, contact the Internet Customer Care Center  
[uspstechnicalsupport@mailps.custhelp.com](mailto:uspstechnicalsupport@mailps.custhelp.com)