



WebTools Release Notes

Version 1.1

Application: Web Tools APIs
Package Name: January 2018 Price Change Updates
Package Version: 1.1

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1 Revision History

Date	Author	File Version	Change Description
12/7/17	Maggie Tillar	V1.1	Initial version

2 Implementation Summary

External testing availability via the Web Tools CAT / stg- environment for each release can be found in the respective section below. The external test environment can be accessed, using your production UserID, via the following URL scheme, host and path:

- Secure APIs: <https://stg-secure.shippingapis.com/ShippingApi.dll>
- Non-secure APIs: <http://stg-production.shippingapis.com/ShippingApi.dll>

If you receive an authorization error, please contact webtools@usps.gov and include your UserID.

2.1 Production Release: January 19, 2018

External testing: December 18, 2017

USPS is enacting a Price Change on January 19, 2018. All domestic and international price calculator and shipping label APIs will reflect updated pricing (see Appendix A for full list of price calculator and label APIs). For information on specific prices being updated, please go to <http://pe.usps.com/>.

Changes beyond basic price updates are explained below, per API.

2.1.1 Domestic Price Calculator API Updates (API=RateV4)

- Priority Mail APO/DPO/FPO Zone Updates: RateV4 API will now support new additional <Zone> tag to indicate zone updates for applicable Priority Mail APO/DPO/FPO shipments:
 - New <Zone> response tag will return only for select applicable Priority Mail Military APO/DPO/FPO shipments within the mail service (<Postage></Postage>) grouping when multiple mail services are returned (i.e. request contains <Service>= "ONLINE", "ALL", "PLUS")
 - Integrators should note that when the new <Zone> value is returned it will take precedence over the current <Zone> value returned.
 - Example response below for Priority Mail APO/DPO/FPO shipment with new <Zone> tag. Refer to Appendix B for full sample XML request and response.

```
<Postage CLASSID="1">
  <MailService>Priority Mail Military<sup>&#8482;</sup></MailService>
  <Rate>8.75</Rate>
  <CommercialRate>7.40</CommercialRate>
  <Zone>4</Zone>
</Postage>
```

- Updates made to RateV4 API to return the following special services:
 - Signature Confirmation [ServiceID=106] (i.e. <SpecialService>106<SpecialService>)
 - USPS Tracking [ServiceID=108] (i.e. <SpecialService>108<SpecialService>)

2.1.2 Domestic Label API Updates (APIs=eVS, DeliveryConfirmationV4, SignatureConfirmationV4)

- Priority Mail APO/DPO/FPO Zone Updates:
 - Updated zone values will return in existing <Zone> tag for applicable Priority Mail Military APO/DPO/FPO shipments. Ex. Origin ZIP: 22201 to Destination ZIP: 09009
 - Impacted APIs: eVS, SignatureConfirmationV4 (V3), and DeliveryConfirmationV4(V3, V2).

2.1.3 International Price Calculator API Updates (API=IntlRateV2, IntlRate)

- First Class Mail International Content Updates: First Class Mail International Letters and Flats content limited to documents:
 - IntlRateV2 requests containing a value (i.e. <ValueOfContents>= any value greater than zero), will no longer return the following First Class Mail International service options:
 - <Service ID="14"> <SvcDescription> First-Class Mail^{®}</SvcDescription> International Large Envelope </SvcDescription>
 - <Service ID="13"> <SvcDescription> First-Class Mail^{®}</SvcDescription> International Letter</SvcDescription>

2.1.4 International Label API Updates (API=FirstClassMailIntl)

- First Class Mail International (FCMI) Content Updates: First Class Mail International Letters and Flats content limited to documents; FirstClassMailIntl API updated with the following:
 - When <FirstClassMailType>='LETTER'/FLAT' and <Content> = 'MERCHANDISE', 'SAMPLE', 'GIFT', 'HUMANITARIAN', 'DANGEROUSGOODS', 'CREMATEDREMAINS', and 'OTHER', an error will return.
 - Example error response: "Unable to calculate international postage. No services available. International First Class Letters and Flats may only contain Documents."
 - When <FirstClassMailType>='LETTER'/FLAT' and the sum of individual item values is greater than zero (i.e. sum of individual item values in <Value> tag is greater than zero), an error will return.

- When <FirstClassMailType> = 'LETTER'/FLAT' and the sum of individual item values equals zero (i.e. sum of all item values in<Value> = "0"), the current PS 2976 integrated customs form label image will return and Web Tools will manifest the Shipping Services File per current process.
- 2. First Class Package International Service (FCPIS) Updates: Effective 1/19/2018, Web Tools will update the FirstClassMailIntl API <FirstClassMailType> enumeration "PARCEL" to "PACKAGE SERVICE."
 - Integrators are encouraged to use new "PACKAGE SERVICE" enumeration to indicate First Class Package International Service.
 - The legacy "PARCEL" <FirstClassMailType> enumeration will still be accepted to maintain backwards compatibility.
- 3. Fixes deployed to FirstClassMailIntl API to enforce \$400 package value limit (i.e <Value>).

2.1.5 Package Tracking Updates (API=TrackV2, PTSEmail)

1. TrackV2 API Package Error Messaging Updates: TrackV2 API will be updated to support new/updated response error description and return code values for the following:

<ReturnCode>	<ErrorDescription>
4 (existing)	"Delivery status information is not available for your item via this web site."
14 (new)	"The tracking number may belong to another shipper. Please verify that you have a USPS tracking number for tracking on this site."
15 (new)	"The tracking number entered is for a package pickup transaction, not package tracking. Please verify your tracking number and try again."

2. TrackV2 API: New response tags added for specific SourceIDs to indicate mail piece eligibility for certain notification request types. Response tags will return true/false boolean value.
 - New response tags will be returned only for the following SourceIDs:
 - WTSPECREQ
 - New "true"/"false" *Notification Request Eligibility* response tags within the TrackResponse/TrackInfo/ grouping:
 - EnabledNotificationRequests/SMS/FS
 - EnabledNotificationRequests/SMS/OA
 - EnabledNotificationRequests/EMAIL/FS
 - EnabledNotificationRequests/EMAL/OA
3. TrackV2 API will now support returning package Alternative Delivery Provider information for a USPS eGlobal Logistics effort to to improve delivery time to the addressee to the door at competitive rates with non-postal alternate delivery providers (ADP) in China and potentially other regions in the future.
 - New ADP response tag <ADPScripting> will return containing text specific to the mail piece's ADP.
 - Example ADP text: 'For more information about your shipment, call xxx-xxx-xxxx Monday-Friday, 9 am-6 pm China Time. Support not available during Chinese holidays Please note: This phone number only works when calling from China.'
4. PTSEmail API Updates
 - New <RequestType> enumerations added:
 - "FS" (Package Addressed to Me/myUSPS)
 - "OA" (Other Activity)

Example PTSEmail request with new <RequestType> enumerations:

```

<PTSEmailRequest>
  <TrackId>EA123456789US</TrackId>
  <MpSuffix>9425</MpSuffix>
  <MpDate>2011-07-25</MpDate>
  <RequestType>FS</RequestType>
  <RequestType>OA</RequestType>
  <FirstName>JOHN</FirstName>
  <LastName>PUBLIC</LastName>
  <Email1>JOHN.Q.PUBLIC@USPS.GOV</Email1>
  <Email2></Email2>
    
```

```
<Email3></Email3>
<ClientIp></ClientIp>
</PTSEmailRequest>
```

- PTSEmail API integrators should use TrackV2 TrackFields to determine notification eligibility for a given TrackId
- Integrators must use a particular SourceID in the TrackV2 TrackFields request to receive the Notification Request Eligibility response tags and values as noted in 2.1.5.2.

2.1.6 USPS Web Tools SSL Security Certificate Updates

1. USPS Web Tools will update the below expiring staging and production security certificates (reference Deployment Date/Time in table below). Please be sure your servers are compatible with the latest Comodo security certificates.
 - Systems that interface with the Web Tools APIs may be impacted by this change and will need to update the certificates used to connect to Web Tools. Please see the complete list of certificates being updated below. Should your certificates be expiring, please contact your certificate/service provider.
 - Integrators should test their integration using the URLs listed for each security certificate.
 - For a full listing of impacted APIs for each certificate update, please refer to Appendix C.

Common Name (CN)	Envir.	URLS	Expiration Date	Deployment Date/Time
stg-secure.shippingapis.com	TEST	https://stg-secure.shippingapis.com/	1/23/18	1/9/18 8:30 AM ET
secure.shippingapis.com	PROD	https://secure.shippingapis.com/	2/8/18	1/22/18 8:30 AM ET
ea-webtools.usps.com	PROD	https://ea-webtools.usps.com https://webtools.usps.com	2/8/18	1/22/18 8:30 AM ET

2.2 Production Release: February 23, 2018

External testing: January 31, 2018

Items will be moved to release dates as scheduled and included in future versions of the release notes

2.3 Production Release: To Be Determined

Items will be moved to release dates as scheduled and included in future versions of the release notes

1. Every Door Direct Mail (EDDM) API Enhancements
 - New EDDM APIs will be available to provide the following functions: Create Order, Retrieve Order Details, Retrieve Order History, Retrieve PDF, Cancel Order, Cancel Order Segment, Request Order Refund, Get Post Office, ZIP Code Route Search
2. Priority Mail Express 10:30 Delivery updates to Shipping Services File to accurately reflect surcharge amounts (APIs=eVS, ExpressMailLabel)
3. Hold For Pickup APIs (API= HoldForPickupExpress, HoldForPickupPriority, HoldForPickupFirstClass) will return updated error messages. Note: No request/response changes.
4. eVS Label API Updates
 - Populate Return Receipt Fee field on Receipt
 - Shipping Partner Event file Web Tools certification
 - Known sender additions
 - Vendor Code additions
 - Military Mail indicia corrections
5. Fragile / Special Handling Fee - Fragile handling results in a fee which Web Tools will treat as an extra service *Note:* There are no label changes as a result of this update. XML request/response impacts listed below:
 - Impacted APIs (in addition to those listed in March release):
 - MerchandiseReturnV4

- OpenDistributePriorityV2
6. USPS Retail Ground Registered – product name updates from trademark to registered
 7. Priority Mail Cubic support to be added as default RateV4 behavior

Appendices

2.4 Appendix A – Price Calculator and Label APIs

2.4.1 Domestic Price Calculator APIs

Description	API Name
Domestic Price Calculator	RateV4

2.4.2 International Price Calculator APIs

Description	API Name
International Price Calculator	IntlRateV2

2.4.3 Domestic Label APIs

Description	API Name
Express Mail Label	ExpressMailLabel
Express Mail Hold For Pickup	HoldForPickupExpress
Priority Mail Hold For Pickup	HoldForPickupPriority
First Class Mail Hold For Pickup	HoldForPickupFirstClass
Delivery Confirmation	DeliveryConfirmationV4
Signature Confirmation	SignatureConfirmationV4
Merchandise Return Service	MerchandiseReturnV4
Merchandise Return Service Bulk	MerchReturnV4Bulk
Open and Distribute Priority	OpenDistributePriorityV2
eVS Domestic	eVS
Forever Prepaid Label	ForeverPrepaidLabel
Scan Based Payment Outbound	CreateSBPLabel
Metro Post	MetroPost

2.4.4 International Label APIs

Description	API Name
Express Mail International	ExpressMailIntl
Express Mail International – eVS	eVSExpressMailIntl
Priority Mail International	PriorityMailIntl
Priority Mail International – eVS	eVSPriorityMailIntl
First Class Mail International	FirstClassMailIntl
First Class Mail International - eVS	eVSFirstClassMailIntl
GXG Get Label	GXGGetLabel
GXG Get Label – eVS	eVSGXGGetLabel
GXG Commercial Invoice	GXGCommercialInvoice
GXG Get Guarantee	GXGGetGuaranteeDate
Customs SCAN	CustomsSCAN
Customs Form CN22	CustomsCN22V2
Customs Form CP72	CustomsCP72V3

2.5 Appendix B – Sample XML Requests

This section provides sample XML requests to the CAT/staging environment that demonstrate some of the changes implemented to our APIs in this release. These requests are provided as a reference to aid in your understanding of the changes and in your integration with our updated APIs. You should still complete all your usual testing and verification processes to ensure that your system is communicating properly with the most updated version of Web Tools.

Please note that you must place your valid USERID into the request. Sample responses are provided below the sample requests to illustrate the changes that will occur to the XML schema. Please note that the data within the tags may differ depending on inputs provided. Areas of note are highlighted.

RateV4 Sample Request

Example RateV4 request for Priority Mail APO/FPO/DPO shipment which will return new <Zone> tag.

```
https://stg-secure.shippingapis.com/shippingapi.dll?API=RateV4&XML=
<RateV4Request USERID='XXXXXXXXXXXX'>
  <Package ID='0'>
    <Service>Online</Service>
    <ZipOrigination>22201</ZipOrigination>
    <ZipDestination>09009</ZipDestination>
    <Pounds>2</Pounds>
    <Ounces>0.00</Ounces>
    <Container>Variable</Container>
    <Size>Regular</Size>
    <Width>1</Width>
    <Length>3</Length>
    <Height>7</Height>
    <Girth>6</Girth>
    <Machinable>True</Machinable>
  </Package>
</RateV4Request>
```

RateV4 Sample Response

Example RateV4 response which returns the new <Zone> tag for a Priority Mail APO/FPO/DPO shipment.

```
<RateV4Response>
  <Package ID="0">
    <ZipOrigination>22201</ZipOrigination>
    <ZipDestination>09009</ZipDestination>
    <Pounds>2</Pounds>
    <Ounces>0.00</Ounces>
    <Size>REGULAR</Size>
    <Machinable>TRUE</Machinable>
    <Zone>3</Zone>
    <Postage CLASSID="3">
      <MailService>Priority Mail Express Military<sup>&#8482;&#8482;</sup></MailService>
      <Rate>27.50</Rate>
      <CommercialRate>24.48</CommercialRate>
    </Postage>
    <Postage CLASSID="13">
      <MailService>Priority Mail Express Military<sup>&#8482;&#8482;</sup> Flat Rate Envelope</MailService>
      <Rate>24.70</Rate>
      <CommercialRate>21.98</CommercialRate>
    </Postage>
    <Postage CLASSID="30">
      <MailService>Priority Mail Express Military<sup>&#8482;&#8482;</sup> Legal Flat Rate Envelope</MailService>
      <Rate>24.90</Rate>
      <CommercialRate>22.09</CommercialRate>
    </Postage>
    <Postage CLASSID="62">
      <MailService>Priority Mail Express Military<sup>&#8482;&#8482;</sup> Padded Flat Rate Envelope</MailService>
      <Rate>25.40</Rate>
      <CommercialRate>22.46</CommercialRate>
    </Postage>
  </Package>
```

```

<Postage CLASSID="1">
  <MailService>Priority Mail Military<sup>&#8482;&/sup></MailService>
  <Rate>8.75</Rate>
  <CommercialRate>7.40</CommercialRate>
  <Zone>4</Zone>
</Postage>
<Postage CLASSID="17">
  <MailService>Priority Mail Military<sup>&#8482;&/sup> Medium Flat Rate Box</MailService>
  <Rate>13.65</Rate>
  <CommercialRate>12.85</CommercialRate>
  <Zone>4</Zone>
</Postage>
<Postage CLASSID="28">
  <MailService>Priority Mail Military<sup>&#8482;&/sup> Small Flat Rate Box</MailService>
  <Rate>7.20</Rate>
  <CommercialRate>7.05</CommercialRate>
  <Zone>4</Zone>
</Postage>
<Postage CLASSID="22">
  <MailService>Priority Mail Military<sup>&#8482;&/sup> Large Flat Rate Box APO/FPO/DPO</MailService>
  <Rate>17.40</Rate>
  <CommercialRate>16.15</CommercialRate>
  <Zone>4</Zone>
</Postage>
<Postage CLASSID="47">
  <MailService>Priority Mail Military<sup>&#8482;&/sup> Regional Rate Box A</MailService>
  <Rate>0.00</Rate>
  <CommercialRate>7.40</CommercialRate>
  <Zone>4</Zone>
</Postage>
<Postage CLASSID="49">
  <MailService>Priority Mail Military<sup>&#8482;&/sup> Regional Rate Box B</MailService>
  <Rate>0.00</Rate>
  <CommercialRate>9.37</CommercialRate>
  <Zone>4</Zone>
</Postage>
<Postage CLASSID="16">
  <MailService>Priority Mail Military<sup>&#8482;&/sup> Flat Rate Envelope</MailService>
  <Rate>6.70</Rate>
  <CommercialRate>6.55</CommercialRate>
  <Zone>4</Zone>
</Postage>
<Postage CLASSID="44">
  <MailService>Priority Mail Military<sup>&#8482;&/sup> Legal Flat Rate Envelope</MailService>
  <Rate>7.00</Rate>
  <CommercialRate>6.85</CommercialRate>
  <Zone>4</Zone>
</Postage>
<Postage CLASSID="29">
  <MailService>Priority Mail Military<sup>&#8482;&/sup> Padded Flat Rate Envelope</MailService>
  <Rate>7.25</Rate>
  <CommercialRate>7.10</CommercialRate>
  <Zone>4</Zone>
</Postage>
<Postage CLASSID="38">
  <MailService>Priority Mail Military<sup>&#8482;&/sup> Gift Card Flat Rate Envelope</MailService>
  <Rate>6.70</Rate>
  <CommercialRate>6.55</CommercialRate>
  <Zone>4</Zone>
</Postage>
<Postage CLASSID="42">
  <MailService>Priority Mail Military<sup>&#8482;&/sup> Small Flat Rate Envelope</MailService>
  <Rate>6.70</Rate>
  <CommercialRate>6.55</CommercialRate>
  <Zone>4</Zone>
</Postage>
<Postage CLASSID="40">
  <MailService>Priority Mail Military<sup>&#8482;&/sup> Window Flat Rate Envelope</MailService>
  <Rate>6.70</Rate>
  <CommercialRate>6.55</CommercialRate>

```



```
<Zone>4</Zone>
</Postage>
<Postage CLASSID="6">
  <MailService>Media Mail Parcel</MailService>
  <Rate>3.17</Rate>
</Postage>
<Postage CLASSID="7">
  <MailService>Library Mail Parcel</MailService>
  <Rate>3.01</Rate>
</Postage>
<Restriction/>
</Package>
</RateV4Response>
```

2.6 Appendix C – SSL Security Certificate Updates - Impacted APIs

2.6.1 Web Tools Secure/HTTPS APIs impacted by below SSL Security Certificate Updates

Common Name (CN)	Envir.	URLS	Expiration Date	Deployment Date/Time
stg-secure.shippingapis.com	TEST	https://stg-secure.shippingapis.com/	1/23/18	1/9/18 8:30 AM ET
secure.shippingapis.com	PROD	https://secure.shippingapis.com/	2/8/18	1/22/18 8:30 AM ET

API	API Name
Zip+4 City Lookup	AllCitiesInAZipCode
Zip+4 ZIP Code Lookup	AllZipCodesInACity
Carrier Pickup Availability	CarrierPickupAvailability
Carrier Pickup Cancel	CarrierPickupCancel
Carrier Pickup Change	CarrierPickupChange
Carrier Pickup Inquiry	CarrierPickupInquiry
Carrier Pickup Schedule	CarrierPickupSchedule
City+State Lookup	CityStateLookup
Scan Based Payment Outbound	CreateSBPLabel
Customs Form CN22	CustomsCN22V2
Customs Form CP72	CustomsCP72V3
Customs SCAN	CustomsSCAN
Delivery Confirmation	DeliveryConfirmationV4 (V3, V2)
eVS Domestic	eVS
eVS Domestic Cancel	eVSCancel
eVS Express Mail International	eVSExpressMailIntl
eVS First Class Mail International	eVSFirstClassMailIntl
eVS GXG Public Label generation	eVSGXGGetLabel
eVS International Cancel	eVSICancel
eVS Priority Mail International	eVSPriorityMailIntl
Express Mail Service Standards	ExpressMail
Express Mail Commitments	ExpressMailCommitment
Express Mail International	ExpressMailIntl
Express Mail Label	ExpressMailLabel
First Class Mail Service Standards	FirstClassMail
First Class Mail International	FirstClassMailIntl
Forever Prepaid	ForeverPrepaidLabel
Zip+4 Address Lookup	GetAddress
Get Country	GetCountry
EDDM	getRouteStats
GXG Commercial Invoice	GXGCommercialInvoice

GXG Get City Information	GXGGetCityInfo
GXG Get Commodity Information	GXGGetCommodityInfo
GXG- Commodity Restrictions	GXGGetCommodityRestriction
GXG - Delivery Point	GXGGetDeliveryPoint
GXG - Guarantee	GXGGetGuarantee
GXG Get Guarantee Date	GXGGetGuaranteeDate
GXG Label	GXGGetLabel
Hold For Pickup Facility Information	HFPFacilityInfo
Express Mail Hold For Pickup	HoldForPickupExpress
First Class Mail Hold For Pickup	HoldForPickupFirstClass
Priority Mail Hold For Pickup	HoldForPickupPriority
International Price Calculator	IntlRateV2, IntlRate
Kahala Get Cities	KHGetCities
Kahala Get Countries	KHGetCountries
Kahala Get Guarantee Date Dest	KHGetGuarDateInfoPostalCodes
KHGetPostalCodes	KHGetPostalCodes
Kahala Get States/Provinces	KHGetStatesProvinces
Merchandise Return Service	MerchandiseReturnV4
Merchandise Return Service Bulk	MerchReturnV4Bulk
MeterStatus	MeterStatus
Metro Post	MetroPost
Open and Distribute Priority	OpenDistributePriorityV2
Post Office Locator	POLocatorV2
Priority Mail Service Standards	PriorityMail
Priority Mail International	PriorityMailIntl
Track and Confirm - Email	PTSEmail
Track and Confirm -GetPackageInfo	PTSGetPackageInfo
Track and Confirm -Pod	PTSPod
Track and Confirm -Rre	PTSRre
Domestic Price Calculator	RateV4
User Registration	Registration
SCAN	SCAN
SDC Get Location Information	SDCGetLocations
EDDM - SelectNear	SelectNear
EDDM - SelectPolygon	SelectPolygon
EDDM - SelectZIP	SelectZIP
Signature Confirmation	SignatureConfirmationV4, V3
Package Services Service Standards	StandardB
Track and Confirm	TrackV2
Address Validation	Verify
ZipCode Lookup	ZipCodeLookup

2.6.2 Web Tools 2.0 APIs impacted by below SSL Security Certificate update:

Common Name (CN)	Envir.	URLS	Expiration Date	Deployment Date/Time
ea-webtools.usps.com	PROD	https://ea-webtools.usps.com https://webtools.usps.com	2/8/18	1/22/18 8:30 AM ET

API	API Name
Package Intercept Status	status
Package Intercept Hold For Pickup	holdForPickup
Package Intercept Redirect	createRedirect
Package Intercept Return to Sender	createRTS
Create Delivery Instructions	createDeliveryInstructions
EDDMR	EDDMR
ForeverPrepaidLabel	ForeverPrepaidLabel
DI and Redelivery Availability	getDIRedeliveryAvailability
DI and Redelivery Status	getDIRedeliveryStatus
Create Redelivery	createRedelivery