



WebTools Release Notes

Version 1.9

Application: Web Tools APIs
Package Name: 2020 Updates
Package Version: 1.9

Table of Contents

1	Revision History	1
2	Implementation Summary	3
2.1	Production Release: January 23, 2020	3
2.2	Production Release: February 20, 2020	5
2.3	Production Release: March 19, 2020	6
2.4	Production Release: April 23, 2020 - Canceled	6
2.5	Production Release: May 21, 2020	6
2.6	Production Release: June 25, 2020	7
2.7	Production Release: July 23, 2020 - Canceled	8
2.8	Production Release: August 27, 2020	8
2.9	Production Release: September 24, 2020	9
2.10	Production Release: October 22, 2020	11
2.11	Production Release: To Be Determined	11
3	Appendices	12
3.1	Appendix A – Price Calculator and Label APIs	12
3.2	Appendix B – Sample API Requests, Responses, and Labels	13
3.3	Appendix C – HTTPS/Secure Web Tools APIs	21

1 Revision History

Date	Author	File Version	Change Description
1/9/2020	Maggie Tillar	V1.1	Initial external version
2/13/2020	Maggie Tillar	V1.3	- Feb Release sections: 2.2.1 and 2.2.3 updated - Mar Release section 2.3 updated - Appendix B updated - Appendix C updated
5/11/2020	Maggie Tillar	V1.5	- April Release section - canceled - May Release sections: 2.5.1-2.5.2 added - June Release sections: 2.6.1-2.6.5 added - August Release section 2.8.1 added - Sept Release sections: 2.9.1-2.9.2 added

			<ul style="list-style-type: none">- TBD section 2.11 updated- Appendix B updated- Appendix C updated
6/15/20	Maggie Tillar	V1.7	<ul style="list-style-type: none">- June Release sections: 2.6.5 updated; 2.6.6-2.6.7 added- July Release section - canceled- August Release sections: 2.8.2 added- Sept Release section 2.9.2 updated- TBD section 2.11 updated
8/10/20	Maggie Tillar	V1.9	<ul style="list-style-type: none">- August Release date moved from 8/20/27 to 8/27/20- August Release section 2.8 updated- Sept Release section 2.9 updated- Appendix B section 3.2.1 updated

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.

Note: Gray coloring indicates production release changes have been implemented.

2.1 Production Release: January 23, 2020

External testing: January 7, 2020

The API changes noted below will be released to production in the late-night hours of January 23. USPS is enacting a Price Change on January 26, 2020, which will be available on January 23 when using a ship date of January 26 or beyond. All domestic and international price calculator and shipping label APIs will reflect updated pricing in XML responses, on shipping label images, and in the Shipping Services Files (see Appendix A for full list of price calculator and label APIs). For information on specific prices being updated, please go to <https://about.usps.com/newsroom/national-releases/2019/1009-usps-announces-new-prices-for-2020.htm>.

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

2.1.1 International Price Calculator (API=IntlRateV2, IntlRate) and Label API Updates

1. The following country name updates are applicable to the international APIs noted in Appendix 3.1.2 and 3.1.4:
 - “Republic of Macedonia” updated to “Republic of North Macedonia”
 - “Republic of Macedonia” will return an invalid country name error. Integrators should use Republic of North Macedonia (“North Macedonia, Republic of”, “North Macedonia”) in the applicable country name fields (i.e. <Country>, <ToCountry> etc.)
 - “Republic of South Sudan” added as a new country
 - Integrators should use Republic of South Sudan (“South Sudan, Republic of”, “South Sudan”) in the applicable country name fields (i.e. <Country>, <ToCountry> etc.)
 - Note: Republic of South Sudan will be available in addition to current country of Sudan.
 - Reference Appendix B for examples.

2.1.2 Dimensional Weight Retail Ground Domestic Price Calculator Updates (API=RateV4)

1. The RateV4 API will be updated to reflect dimensional weighting being applied to USPS Retail Ground effective January 26th, 2020. For USPS Retail Ground pricing requests, Web Tools will support dimensional weighting:
 - When any dimension (i.e. Length, Width, or Height) exceeds 12 inches
 - <Girth> value will indicate rectangular or nonrectangular package shape
 - Applicable to <ServiceType>= “Retail Ground”
 - Applicable to return when <ReturnDimensionalWeight>= “true”
 - Limited Overland Routes (LOR) applicable in Alaska will NOT implement dimensional weight for USPS Retail Ground.
 - USPS Retail Ground balloon pricing will be removed.
 - USPS Retail Ground oversized pricing (and structure) will remain.
 - For dimensional weight calculation details, reference: <https://www.govinfo.gov/content/pkg/FR-2019-10-17/html/2019-22640.htm> and <https://pe.usps.com/cpim/ftp/manuals/dmm300/123.pdf>

2.1.3 Dimensional Weight Retail Ground Domestic Label API Updates

1. Impacted Domestic Label APIs: Reference Appendix A section 3.1.3
2. Domestic Label APIs will be updated to reflect dimensional weighting being applied to USPS Retail Ground effective January 26th, 2020. For USPS Retail Ground labels, Web Tools will support dimensional weighting:
 - When any dimension (i.e. Length, Width, or Height) exceeds 12 inches
 - <Girth> value will indicate rectangular or nonrectangular package shape
 - Limited Overland Routes (LOR) applicable in Alaska will NOT implement dimensional weight for USPS Retail Ground.
 - USPS Retail Ground balloon pricing will be removed.
 - USPS Retail Ground oversized pricing (and structure) will remain.
 - For dimensional weight calculation details, reference: <https://www.govinfo.gov/content/pkg/FR-2019-10-17/html/2019-22640.htm> and <https://pe.usps.com/cpim/ftp/manuals/dmm300/123.pdf>

2.1.4 Premium Tracking – Domestic Price Calculator Updates (API=RateV4)

1. USPS will offer new Premium Tracking option to allow a customer to purchase extended retention of tracking data on their mail piece for varying lengths of time up to 10 years when available.
2. RateV4 Updates:
 - Two new extra service code (i.e. <SpecialService>) enumerations added to request Premium Tracking options:
 - Non-signature products (“Scan Retention”): ServiceID= "181"
 - Signature products (“Scan + Signature Retention”): ServiceID= "182"
 - New optional request tag <TrackingRetentionPeriod> added to indicate Premium Tracking length of time in years. i.e. <TrackingRetentionPeriod>="0.5" indicates 6 months.
 - When <Service>= “ALL” indicated in XML request, the <TrackingRetentionPeriod> value will be ignored and available Premium Tracking options will return with lowest tracking retention period values used as default. (i.e. ServiceIDs = “181”/6 months and “182”/3 years).
 - New Premium Tracking extra service options shown in table below:

ServiceID	Special Service Name	<TrackingRetentionPeriod>	Price
181	Scan Retention	“0.5” (6 Months)	\$2.10
181	Scan Retention	“1” (1 Year)	\$2.59
181	Scan Retention	“3” (3 Years)	\$3.59
181	Scan Retention	“5” (5 Years)	\$4.59
181	Scan Retention	“7” (7 Years)	\$5.59
181	Scan Retention	“10” (10 Years)	\$9.99
182	Scan + Signature Retention	“3” (3 Years)	\$4.59
182	Scan + Signature Retention	“5” (5 Years)	\$5.59
182	Scan + Signature Retention	“7” (7 Years)	\$6.99
182	Scan + Signature Retention	“10” (10 Years)	\$12.99

- Reference Appendix B for examples
- Contact webtools@usps.gov for any questions and detailed specifications.

2.1.5 Premium Tracking – eVS Domestic Label API Updates (API=eVS)

1. USPS will offer new Premium Tracking option to allow a customer to purchase extended retention of tracking data on their mail piece for varying lengths of time up to 10 years when available.
2. eVS Updates:
 - Two new extra service code (i.e. <ExtraService>) enumerations added to request Premium Tracking options:
 - Non-signature products (“Scan Retention”): ServiceID= "181"
 - Signature products (“Scan + Signature Retention”): ServiceID= "182"
 - New optional request tag <TrackingRetentionPeriod> added to indicate Premium Tracking length of time in years. i.e. <TrackingRetentionPeriod>="0.5" indicates 6 months.

- When <ExtraService>= "181" or "182" provided in XML request, <TrackingRetentionPeriod> is required.
- New Premium Tracking extra service options shown in table below:

ServiceID	Service Name	<TrackingRetentionPeriod>	Price
181	Scan Retention	"0.5" (6 Months)	\$2.10
181	Scan Retention	"1" (1 Year)	\$2.59
181	Scan Retention	"3" (3 Years)	\$3.59
181	Scan Retention	"5" (5 Years)	\$4.59
181	Scan Retention	"7" (7 Years)	\$5.59
181	Scan Retention	"10" (10 Years)	\$9.99
182	Scan + Signature Retention	"3" (3 Years)	\$4.59
182	Scan + Signature Retention	"5" (5 Years)	\$5.59
182	Scan + Signature Retention	"7" (7 Years)	\$6.99
182	Scan + Signature Retention	"10" (10 Years)	\$12.99

- Web Tools will update the Shipping Services File to include correct Extra Service Code (SSFv2.0 D1, pos 44) and Extra Service Fee SSFv2.0 D1, pos 45) as specified in USPS Pub 199.
 - Reference above section 2.1.4 for table of ESC values
- Reference Appendix B for examples
- Contact webtools@usps.gov for any questions and detailed specifications.

2.1.6 Miscellaneous Maintenance API Updates

1. Domestic Price Calculator API (API=RateV4) updated with new <Service> tag enumeration of "Parcel Select Ground" to support returning Parcel Select Ground (CLASSID = "77")
 - i.e. <Service>Parcel Select Ground</Service> returns <Postage CLASSID="77"><MailService>Parcel Select Ground</MailService>
 - New service option applicable for Commercial Base and Commercial Plus RateV4 pricing requests.
 - Parcel Select Ground will still be eligible to return when XML request contains <Service>= "ONLINE" or "PLUS."
 - Contact webtools@usps.gov for any questions and detailed specifications.

2.2 Production Release: February 20, 2020

External testing: February 10, 2020

2.2.1 eVS Domestic Label API Updates (API=eVS)

1. Web Tools will remove the DPO and trademark verbiage in the indicia section for eVS customs forms labels destined to Diplomatic Post Offices:
 - Applicable to Priority Mail and Parcel Select Ground mail classes
 - eVS Customs forms to DPO destinations will only display mail class on top line of indicia
 - i.e. "PRIORITY MAIL DPO™" will be updated to "PRIORITY MAIL"
 - Reference Appendix B for example
2. Web Tools will remove the Trademark symbol in the indicia section for eVS customs forms labels destined to APO/FPO/PTFAS locations:
 - Applicable to Priority Mail and Parcel Select Ground mail classes
 - eVS Customs forms to APO, FPO, and PTFAS destinations will only display mail class on top line of indicia
 - i.e. "PRIORITY MAIL™" will be updated to "PRIORITY MAIL"
 - Reference Appendix B for example

2.2.2 Redelivery APIs Retirement

1. The Web Tools 2.0 Redelivery/Delivery Instructions APIs will be retired effective February 20, 2020.
 - o Impacted APIs:
 - DI and Redelivery Availability (API=getDIRedeliveryAvailability)
 - DI and Redelivery Status (API=getDIRedeliveryStatus)
 - Create Delivery Instructions (API=createDeliveryInstructions)
 - Create Redelivery (API=createRedelivery)
 - o Contact webtools@usps.gov for any questions and detailed specifications.

2.2.3 Miscellaneous Maintenance API Updates

1. Web Tools will make updates to correctly populate the D1 Destination ZIP (pos 6) field in the Shipping Services File when destination is APO/FPO/DPO+PTFAS.
 - o Impacted APIs:
 - Customs Form CN22 (API=CustomsCN22V2)
 - Customs Form CP72 (API=CustomsCP72V3)
2. Web Tools will make fixes to Customs forms Invoice/License/Certificate No(s) field to prevent longer values running outside the length of field.
 - o Reference Appendix A section 3.1.4 for list of impacted APIs.
3. Web Tools will make backend API updates to better optimize performance. Integrators should see no changes in XML responses, but testing is encouraged. Reference Appendix A for list of impacted APIs.

2.3 Production Release: March 19, 2020

External testing: March 9, 2020

2.3.1 International Price Calculator and Label API Updates (Deferred)

- ~~1. Web Tools will update the International Price Calculator (API=IntlRateV2) and Label APIs to reflect the most accurate USPS international mailing prices and availability. Integrators will not be impacted since current XML request/response for impacted APIs will not change.~~
 - ~~o Impacted APIs: Reference Appendix A sections 3.1.2 and 3.1.4.~~
 - ~~o International Price Calculator APIs and International Label APIs will continue returning the following error response when prices and availability are not available for supplied XML request inputs:
 - "Unable to calculate international postage. No services available."~~

~~2.4 Production Release: April 23, 2020 - Canceled~~

~~External testing: April 13, 2020~~

~~Items will be moved to this release when scheduled and included in future versions of the release notes~~

2.5 Production Release: May 21, 2020

External testing: May 11, 2020

2.5.1 Security Certificate Updates – HTTPS URLs (effective May 10th, 2020)

1. Web Tools will install Sectigo (formerly COMODO) certificates May 10th, 2020 for all secure HTTPS APIs. The new certificates include new Sectigo Root and Intermediate certificates within the cert chain. Integrating systems will need to have these Sectigo Root and Intermediate certificates installed in their Trust store in order to continue to communicate with Web Tools.
 - o Reference Appendix C for complete schedule and list of impacted HTTPS URLs and APIs.
 - o Contact webtools@usps.gov for any questions.

2.5.2 Miscellaneous Maintenance API Updates

1. Updates to Package Pickup APIs to improve error handling when non-cleansed/standardized address information is provided in a Cancel (API=CarrierPickupCancel), Change (API=CarrierPickupChange), or Inquiry (API=CarrierPickupInquiry) request. Integrators should always use the returned cleansed/standardized address information (i.e. address returned in an Availability (API=CarrierPickupAvailability) or Schedule (API=CarrierPickupSchedule) request) when using Web Tools Package Pickup APIs to take action on an existing package pickup.
 - o For more details reference <https://www.usps.com/business/web-tools-apis/package-pickup-api.pdf>
2. Fixes to RateV4 API to resolve dimension errors seen when multiple packages are included in a single RateV4 XML request.
 - o Error message returned: "Dimensions, when specified, must be a valid decimal value such as 8 or 8.25 Please do not use symbols or fractions such as 9" or 8 5/8."

2.6 Production Release: June 25, 2020

External testing: June 16, 2020

2.6.1 Post Office Locator API – Special Hours Updates (API=POLocatorV2Ext)

1. Web Tools will update the External POLocatorV2Ext API to support optionally returning multiple weeks of special hours when available for a facility.
 - o External testing available: 6/12/20
2. POLocatorV2Ext API Updates:
 - o New optional request tag <MaxSpecialWeeks> added to control number of weeks of special hours returned
 - Values are number of weeks. (i.e. "1", "2", "3", etc.). Ex. <MaxSpecialWeeks>="3".
 - Default value is "1" week.
 - o When provided in XML request, the <MaxSpecialWeeks> tag returns the requested number of weeks for Special Business "SPCBUSINESS" hours if available for a facility.
 - Note: Last Collection Hours "LASTCOLLECTION" and Special Last Collection "SPCLASTCOLLECTION" hours are not supported within POLocatorV2Ext API.
 - o When multiple weeks of special hours are requested (i.e. <MaxSpecialWeeks>="2"), each week of hours will be grouped by the applicable <Starting> and <Ending> dates and returned as a separate set (i.e. <Set name="SPCBUSINESS">)
 - o Web Tools will add the ability to filter on hours in the XML request (i.e. POLocatorV2ExtRequest / Filters / Hours) with following enumerations:
 - "ALL", "24HR", "SATURDAY", "SUNDAY", and "AFTER5PM." Example:
<Hours>SATURDAY</Hours>
 - o Reference Appendix B for example XML request/response
 - o Contact webtools@usps.gov for access, questions, and detailed specifications.

2.6.2 Domestic Price Calculator Updates (API=RateV4)

1. Web Tools will update the RateV4 API to reflect USPS elimination of Return Receipt for Merchandise.
 - o Return Receipt for Merchandise extra service/special service (ServiceID=107) will not return
 - o RateV4 XML requests containing "107" indicated as extra service will return an error; i.e. <SpecialService>107</SpecialService>.

2.6.3 International Price Calculator and Label API Updates

1. Web Tools will update the International Price Calculator (API=IntlRateV2) and Label APIs to reflect the most accurate USPS international mailing prices and availability. Integrators will not be impacted since current XML request/response schema for impacted APIs will not change.
 - o Impacted APIs: Reference Appendix A sections 3.1.2 and 3.1.4.

- International Price Calculator APIs and International Label APIs will continue returning the following error response when prices and availability are not available for supplied XML request inputs:
 - “Unable to calculate international postage. No services available.”

2.6.4 eVS International Label APIs – ZPL Updates

1. Web Tools will update the eVS International Label APIs to support label images in ZPL (Zebra Programming Language) format. ZPL format will support 203 DPI resolution.
 - Impacted APIs: International eVS Label APIs.
 - Reference Appendix A section 3.1.4
 - Web Tools will add new <ImageParameter> enumerations for ZPL:
 - “4X6ZPL203DPI”
 - “4X6ZPL300DPI” (for future use – reference section 2.8.1)
 - Integrators interested in supporting customer acceptance testing should contact webtools@usps.gov.

2.6.5 Service Standards & Commitments APIs – Transportation Messaging Updates

1. Updates to enable returning new transportation exception messaging.
 - Impacted APIs: SDCGetLocations, StandardB, FirstClassMail, ExpressMailCommitment, PriorityMail
 - When applicable, new message code “TM103” and message (see below example) will return within the API response to indicate a transportation delay:
 - <MsgCode>=“TM103”
 - <Msg>= “Your shipment may be delayed due to transportation issues.”
 - Contact webtools@usps.gov for any questions.

2.6.6 Miscellaneous Maintenance API Updates

1. Fixes to Package Pickup APIs to resolve errors returned for specific addresses incorrectly flagged as profanity. Changes effective 6/16/20.
2. Fix to the Domestic Price Calculator (API=RateV4) to resolve errors returned when XML request contains <Service>= “PARCEL SELECT GROUND.”

2.6.7 eVS Label APIs - Miscellaneous Maintenance Updates

1. Fixes to the eVS domestic label API (API=eVS) to resolve issues with the processing category not being populated in Shipping Services File for eVS Priority Mail Cubic labels destined to APO/FPO/DPO+PTFAS locations requiring a Customs Form.
2. Fixes to eVS domestic label API (API=eVS) to resolve issue with invalid Service Type Code used for First-Class Package Service with Signature Confirmation Restricted Delivery. Invalid STC 937 will be replaced with correct STC 894 per PUB199 specifications
3. Fixes to eVS domestic label API image generation process to resolve issues reported with decoding labels generated by the eVS API.

2.7 ~~Production Release: July 23, 2020 - Canceled~~

2.8 Production Release: August 27, 2020

External testing: August 10, 2020

2.8.1 Post Office Locator API – Temporarily Closed Locations Updates (API=POLocatorV2Ext)

1. Web Tools will make updates to the External Post Office Locator API (API=POLocatorV2Ext) to indicate which USPS facilities are temporarily closed.

- Web Tools will return the below two new XML response tags when a USPS facility is temporarily closed:
 - <TemporarilyClosed>Y</TemporarilyClosed> (indicates facility is temporarily closed)
 - <TemporarilyClosedDate>2020-08-17</TemporarilyClosedDate> (indicates temporarily closed effective date)
- If a USPS facility is not temporarily closed (i.e. when indicator <TemporarilyClosed>="N"), Web Tools will not return these new tags in the XML response.
- Reference Appendix B for example
- Contact webtools@usps.gov for access, questions, and detailed specifications.

2.8.2 Miscellaneous Maintenance API Updates/Fixes

1. Fixes to eVS Domestic Label API to resolve inaccurate error messages returned when <ContentType> values of "Perishable", "Pharmaceuticals", or "MedicalSupplies" are included in the XML request but not available for service indicated.
 - Fix will update inaccurate "HAZMAT" verbiage to reflect actual content type passed in request.
 - Example: When <ContentType> = "Perishable", the following error messages will return:
 - OLD: "ContentType of HAZMAT not available for Media, BPM or Standard Mail Marketing Parcel."
 - NEW: "ContentType of Perishable not available for Media, BPM or Standard Mail Marketing Parcel."
2. Fixes to International Label APIs to resolve long addresses exceeding field boundaries when printed on a Customs Form.
 - Impacted APIs: ExpressMailIntl, eVSExpressMailIntl
 - Note: Access to ExpressMailIntl API restricted; contact webtools@usps.gov for questions.
 - Example address:


```
<ToAddress1>Aeropuerto Internacional de Corisco</ToAddress1>
<ToCity>Corisco</ToCity>
<ToCountry>Corisco Island (Equatorial Guinea)</ToCountry>
```
3. Backend address standardization and validation updates:
 - No changes expected to Web Tools Address and Label APIs, but integrators are encouraged to test to ensure no interruptions to their current integration with Web Tools.
 - Contact webtools@usps.gov for any questions.
4. International Price Calculator and Label API fixes to return correct service availability for country indicated in XML request – reference Appendix A sections: 3.1.2 and 3.1.4 for list of impacted APIs.
 - Current logic always returns availability of a parent country even when a child territory is included in XML request. Web Tools will update to use country provided in the request to resolve inaccurate availability being returned when service availability differs between the parent country and child territory.
 - Example: Norfolk Island (Australia) – Australia is the Parent country of child territory Norfolk Island. Norfolk Island does not have GXG service, but Australia does. Web Tools updates will return the correct availability for the country passed and update any error messages to reference the country passed in the XML request. Note: USPS country service availability is subject to frequent updates – please reference <https://postcalc.usps.com/Calculator/Index?country=10440> for latest country availability.
 - Updates will not result in any XML request/response structural changes, but integrators should test to confirm they see correct availability returned when child territory is indicated in XML request.
 - Contact webtools@usps.gov for any questions.

2.9 Production Release: September 24, 2020

External testing: September 14, 2020

2.9.1 Domestic Label APIs Retirements

- Web Tools will retire several legacy domestic label APIs which have been restricted since February 2018 and are planned for full retirement September 24, 2020. Reference <https://www.usps.com/business/web-tools-apis/> for all available USPS Web Tools APIs, announcements, and documentation.
 - Impacted APIs:
 - SigConfirmCertifyV3.0
 - SignatureConfirmationCertifyV4
 - SignatureConfirmationV3.0
 - SignatureConfirmationV4.0
 - DelivConfirmCertifyV2
 - DelivConfirmCertifyV3.0
 - DeliveryConfirmationV2
 - DeliveryConfirmationV3
 - Note: the “Certify” APIs are intended for testing purposes only; these APIs do not generate valid shipping labels.
 - Contact webtools@usps.gov for any questions.

2.9.2 TLS 1.2 Protocol Compliance Updates (effective Sept. 27, 2020)

- Effective September 27, 2020, unless otherwise noted in the table below, Web Tools will BLOCK any traffic requests not using TLS 1.2 or above.
 - Reference <https://www.usps.com/business/web-tools-apis/web-tools-notice-tls-1.2-protocol-compliance.pdf>
 - After this change, connections not using TLS 1.2 or above will fail when attempting to access the APIs. Integrators may also see an error message return with language such as "handshake failure", "service unavailable", or "protocol type TLS 1.0/1.1 not available."
 - It is possible that no changes are necessary to retain Web Tools services. Please review the entire message carefully and share with your web developer, software vendor, or IT service provider to determine if your use of the Web Tools APIs will be affected.
 - In advance of the changes to production, connections not using TLS 1.2 or above will be blocked in the lower Web Tools environments and available for testing per the schedule and impacted secure (HTTPS) APIs listed below.
 - Integrators using our unsecure (HTTP) APIs (URL: <http://production.shippingapis.com/ShippingAPI.dll>) are encouraged switch to our secure (HTTPS) APIs (URL: <https://secure.shippingapis.com/ShippingAPI.dll>) in advance of future plans to remove HTTP API support – details will be provided in future versions of the release notes.

Schedule

Environment	URLs	Impacted APIs	Deployment Date	Status
TEST	https://cat-webtools.usps.com https://staging-whitelabel.shippindapis.com	Ref. Appendix C section 3.3.4	3/30/2020	Complete
PROD	https://webtools.usps.com https://whitelabel.shippingapis.com	Ref. Appendix C section 3.3.4	4/13/2020	Complete
TEST	https://stg-secure.shippingapis.com/	All HTTPS/Secure Web Tools APIs - Ref. Appendix C section 3.3.2	6/7/2020	Complete
PROD	https://secure.shippingapis.com/	All HTTPS/Secure Web Tools APIs - Ref. Appendix C section 3.3.2	9/27/2020	Scheduled

2.9.3 eVS Domestic and International Label APIs – ZPL Updates

- Web Tools will update the Domestic and International eVS Label APIs to support ZPL label images (Zebra Programming Language) with a resolution of 300 DPI.

- Impacted APIs: Domestic and International eVS Label APIs.
 - Reference Appendix A sections 3.1.3 and 3.1.4.
- Web Tools will update current ZPL <ImageParameter> enumeration "4X6LABELZPL" to "4X6ZPL203DPI"
 - Integrators should use new "4X6ZPL203DPI" for eVS (domestic) Label APIs to return ZPL images with 203 DPI resolution.
 - Current enumeration "4X6LABELZPL" will remain backwards compatible.
- Web Tools will add/enable new ZPL <ImageParameter> enumeration "4X6ZPL300DPI."
- Integrators interested in supporting customer acceptance testing should contact webtools@usps.gov.

2.9.4 Post Office Locator API – Updates (API=POLocatorV2Ext)

1. Web Tools will make updates to the External Post Office Locator API (API=POLocatorV2Ext) to indicate when a USPS facility supports Label Broker (LBRO) printing.
 - Web Tools will no longer return the <LBRORetail> response tag to indicate which USPS facilities support LBRO printing at retail.
 - Label broker printing at retail will be indicated in POLocatorV2Ext API by new <Service> enumeration returned for available USPS facilities. See below.
 - Web Tools will add new service (i.e. <Service>) enumeration for label broker retail printing – name: TBD.
 - add new service (i.e. <Service>) enumeration for label broker printing at Self-Service Kiosks (SSKs) – name: TBD.
 - Contact webtools@usps.gov for access, questions, and detailed specifications.

2.9.5 USPS Returns – API Retirements

1. Web Tools will retire several legacy returns label APIs effective 9/24/20 as result of the new USPS Returns automated returns service replacing the Merchandise Return Service (MRS) and Scan Based Payment (SBP) legacy systems. For more information visit: <https://www.usps.com/business/return-services.htm>.
 - Impacted APIs:
 - MerchandiseReturnV4, MerchReturnCertifyV4
 - MerchReturnV4Bulk, MerchReturnV4BulkCertify

2.9.6 Miscellaneous Maintenance API Updates/Fixes

1. SCAN API Fixes – fixes to resolve errors seen when shortened IMPb barcodes destined to an APO/FPO/DPO+PTFAS location are included in a SCAN API XML request.
2. Enhancements to monitor, optimize, and prevent duplicate barcodes being generated for Domestic eVS Label API.

2.10 Production Release: October 22, 2020

External testing: October 12, 2020

Items will be moved to this release when scheduled and included in future versions of the release notes

2.11 Production Release: To Be Determined

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

1. Customs Forms API Restrictions – Web Tools will prohibit external use of the Customs Form CN22 (API=CustomsCN22V2) and Customs Form CP72 (API=CustomsCP72V3) APIs.
2. Web Tools will remove support for unsecure (HTTP) APIs. Integrators using our unsecure (HTTP) APIs (URL: <http://production.shippingapis.com/ShippingAPI.dll>) are encouraged switch to our secure (HTTPS) APIs (URL: <https://secure.shippingapis.com/ShippingAPI.dll>).

3 Appendices

3.1 Appendix A – Price Calculator and Label APIs

3.1.1 Domestic Price Calculator APIs

Description	API Name
Domestic Price Calculator	RateV4

3.1.2 International Price Calculator APIs

Description	API Name
International Price Calculator	IntlRateV2, IntlRate (deprecated)

3.1.3 Domestic Label APIs

Description	API Name
Merchandise Return Service	MerchandiseReturnV4
Merchandise Return Service Bulk	MerchReturnV4Bulk
eVS Domestic	eVS
SCAN Form	SCAN

3.1.4 International Label APIs

Description	API Name
Express Mail International – eVS	eVSExpressMailIntl
Priority Mail International – eVS	eVSPriorityMailIntl
First Class Mail International - eVS	eVSFirstClassMailIntl
GXG Get Label – eVS	eVSGXGGetLabel
Customs Form CN22	CustomsCN22V2 (deprecated)
Customs Form CP72	CustomsCP72V3 (deprecated)

3.2 Appendix B – Sample API Requests, Responses, and Labels

3.2.1 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.

IntlRateV2 Sample Request
<p>January 2020 Release reference 2.1.1: New country South Sudan supported</p> <pre><IntlRateV2Request USERID="XXXXXXXXXX"> <Revision>2</Revision> <Package ID="0"> <Pounds>1</Pounds> <Ounces>0</Ounces> <MailType>ALL</MailType> <ValueOfContents>20</ValueOfContents> <Country>SOUTH SUDAN</Country> <Container>VARIABLE</Container> <Width>3</Width> <Length>3</Length> <Height>3</Height> <Girth>0</Girth> <OriginZip>44026</OriginZip> <CommercialFlag>Y</CommercialFlag> </Package> </IntlRateV2Request></pre>
IntlRateV2 Sample Response
<p>January 2020 Release reference 2.1.1: New country South Sudan supported</p> <pre><IntlRateV2Response> <Package ID="0"> <Prohibitions> Arms, including spare parts and ammunition. Infectious Substances, including exempt patient specimens (human or animal) and Category B infectious substances under 135.1 Gambling items, such as playing cards, poker chips and games of chance. Narcotics, including those prescribed by a doctor. Radioactive materials, including radioactive materials under 135.5. </Prohibitions> <Restrictions>No Restrictions Data found.</Restrictions> <Observations> All goods sent to South Sudan are subject to a customs clearance fee of 450 South Sudan Pounds (SSP) and an administration fee of 550 SSP. </Observations> <CustomsForms> All Priority Mail International items: PS Form 2976-A inside PS Form 2976-E (envelope) First-Class Mail International: PS Form 2976 as required (see 123.61) First-Class Package International Service and Airmail M-bags: PS Form 2976 </CustomsForms> <ExpressMail>No Express Mail Regulations Data found.</ExpressMail> <AreasServed>Please reference Express Mail for Areas Served.</AreasServed> <AdditionalRestrictions>No Additional Restrictions Data found.</AdditionalRestrictions> <Service ID="2"> <Pounds>1</Pounds> <Ounces>0</Ounces> <MailType>ALL</MailType> <Width>3</Width> <Length>3</Length> <Height>3</Height> <Girth>0</Girth> <Country>SOUTH SUDAN</Country></pre>


```
</RateV4Response>
```

eVS API Sample Request

January 2020 Release reference 2.1.5: New Premium Tracking extra services

```
<eVSRequest USERID="XXXXXXXX">
  <Option/>
  <Revision/>
  <ImageParameters>
    <ImageParameter>6X4LABEL</ImageParameter>
  </ImageParameters>
  <FromName>Lina Smith</FromName>
  <FromFirm>Horizon</FromFirm>
  <FromAddress1/>
  <FromAddress2>6 Plumbrook Court</FromAddress2>
  <FromCity>Reisterstown</FromCity>
  <FromState>MD</FromState>
  <FromZip5>21136</FromZip5>
  <FromZip4/>
  <FromPhone>1234567890</FromPhone>
  <POZipCode/>
  <AllowNonCleansedOriginAddr>False</AllowNonCleansedOriginAddr>
  <ToName>Tom Smith</ToName>
  <ToFirm>ABC Corp.</ToFirm>
  <ToAddress1>Suite 101</ToAddress1>
  <ToAddress2> 901 D St. SW</ToAddress2>
  <ToCity>Washington</ToCity>
  <ToState>DC</ToState>
  <ToZip5>20024</ToZip5>
  <ToZip4/>
  <ToPhone>2022242345</ToPhone>
  <POBox/>
  <AllowNonCleansedDestAddr/>
  <WeightInOunces>2</WeightInOunces>
  <ServiceType>Priority</ServiceType>
  <Container>Rectangular</Container>
  <Width>2</Width>
  <Length>2</Length>
  <Height>2</Height>
  <Machinable>True</Machinable>
  <ProcessingCategory/>
  <PriceOptions/>
  <InsuredAmount></InsuredAmount>
  <AddressServiceRequested>true</AddressServiceRequested>
  <ExpressMailOptions>
    <DeliveryOption/>
    <WaiverOfSignature/>
  </ExpressMailOptions>
  <ShipDate/>
  <CustomerRefNo>123</CustomerRefNo>
  <CustomerRefNo2>123456</CustomerRefNo2>
  <ExtraServices>
    <ExtraService>181</ExtraService>
  </ExtraServices>
  <HoldForPickup/>
  <OpenDistribute/>
  <PermitNumber/>
  <PermitZIPCode/>
  <PermitHolderName/>
  <CRID/>
  <SenderEMail>test@testmail.com</SenderEMail>
  <RecipientName></RecipientName>
  <RecipientEMail/>
  <ReceiptOption/>
  <ImageType>PDF</ImageType>
  <HoldForManifest/>
  <RateClientType>011</RateClientType>
  <RatePriceType>B</RatePriceType>
  <RatePaymentType>6</RatePaymentType>
  <TrackingRetentionPeriod>3</TrackingRetentionPeriod>
```

```
</eVSRequest>
```

eVS API Sample Response

January 2020 Release reference 2.1.5: New Premium Tracking extra services

```
eVSResponse>
<BarcodeNumber>XXXXXXXXXXXXXXXXXXXX</BarcodeNumber>
<LabelImage>...</LabelImage>
<ToName>TOM SMITH</ToName>
<ToFirm>ABC CORP.</ToFirm>
<ToAddress1>STE 101</ToAddress1>
<ToAddress2>901 D ST SW</ToAddress2>
<ToCity>WASHINGTON</ToCity>
<ToState>DC</ToState>
<ToZip5>20024</ToZip5>
<ToZip4>2198</ToZip4>
<Postnet>200242198264</Postnet>
<RDC>0024</RDC>
<Postage>7.02</Postage>
<ExtraServices>
<ExtraService>
<ServiceID>181</ServiceID>
<ServiceName>Scan Retention</ServiceName>
<Price>3.59</Price>
</ExtraService>
<ExtraService>
<ServiceID>155</ServiceID>
<ServiceName>USPS Tracking Electronic</ServiceName>
<Price>0.00</Price>
</ExtraService>
</ExtraServices>
<Zone>01</Zone>
<CarrierRoute>C001</CarrierRoute>
<PermitHolderName>Not Valid Test Label</PermitHolderName>
<InductionType>ePostage</InductionType>
<LogMessage/>
<RateClientType>011</RateClientType>
<RatePriceType>B</RatePriceType>
<RatePaymentType>6</RatePaymentType>
</eVSResponse>
```

POLocatorV2Ext API Sample Request

June 25, 2020 Release reference 2.6.1: Post Office Locator APIs – Special Hours Updates. New tag requesting multiple weeks of special hours to return. New option to filter hours.

```
<POLocatorV2ExtRequest USERID="xxxxx">
<ZIP5>14621</ZIP5>
<Radius>20</Radius>
<MaxLocations>1</MaxLocations>
<MaxSpecialWeeks>3</MaxSpecialWeeks>
<Filters>
<FacilityType>PO</FacilityType>
<Hours></Hours>
</Filters>
</POLocatorV2ExtRequest>
```

POLocatorV2Ext API Sample Response

June 25, 2020 Release reference 2.6.1: Post Office Locator APIs – Special Hours Updates. Response returns 3 weeks for SPCBUSINESS.

```
<POLocatorV2ExtResponse>
  <Locations>
    <Location>
      <LocationName>IRONDEQUOIT</LocationName>
      <Address2>425 E RIDGE RD</Address2>
      <City>ROCHESTER</City>
      <State>NY</State>
      <ZIP5>14621</ZIP5>
      <Hours>
```



```
<Set name="BUSINESS">
  <MO>
    <Open>07:30:00</Open>
    <Close>18:00:00</Close>
  </MO>
  <TU>
    <Open>07:30:00</Open>
    <Close>18:00:00</Close>
  </TU>
  <WE>
    <Open>07:30:00</Open>
    <Close>18:00:00</Close>
  </WE>
  <TH>
    <Open>07:30:00</Open>
    <Close>18:00:00</Close>
  </TH>
  <FR>
    <Open>07:30:00</Open>
    <Close>18:00:00</Close>
  </FR>
  <SA>
    <Open>09:00:00</Open>
    <Close>14:00:00</Close>
  </SA>
  <SU />
</Set>
<Set name="SPCBUSINESS">
  <MO />
  <TU />
  <WE />
  <TH />
  <FR />
  <SA>
    <Open>08:30:00</Open>
    <Close>13:00:00</Close>
  </SA>
  <SU />
  <Starting>2020-04-05</Starting>
  <Ending>2020-04-11</Ending>
</Set>
<Set name="SPCBUSINESS">
  <MO />
  <TU />
  <WE />
  <TH />
  <FR />
  <SA>
    <Open>08:30:00</Open>
    <Close>13:00:00</Close>
  </SA>
  <SU />
  <Starting>2020-04-12</Starting>
  <Ending>2020-04-18</Ending>
</Set>
<Set name="SPCBUSINESS">
  <MO />
  <TU />
  <WE />
  <TH />
  <FR />
  <SA>
    <Open>08:30:00</Open>
    <Close>13:00:00</Close>
  </SA>
  <SU />
  <Starting>2020-04-19</Starting>
  <Ending>2020-04-25</Ending>
</Set>
<Set name="WINDOWSSERVICE">
```

```

        <MO>
            <Open>07:30:00</Open>
            <Close>18:00:00</Close>
        </MO>
        <TU>
            <Open>07:30:00</Open>
            <Close>18:00:00</Close>
        </TU>
        <WE>
            <Open>07:30:00</Open>
            <Close>18:00:00</Close>
        </WE>
        <TH>
            <Open>07:30:00</Open>
            <Close>18:00:00</Close>
        </TH>
        <FR>
            <Open>07:30:00</Open>
            <Close>18:00:00</Close>
        </FR>
        <SA>
            <Open>09:00:00</Open>
            <Close>14:00:00</Close>
        </SA>
        <SU />
    </Set>
</Hours>
<Parking>LOT</Parking>
<LBRORetail>Y</LBRORetail>
</Location>
</Locations>
</POLocatorV2ExtResponse>
    
```

POLocatorV2Ext API Sample Response
 August 20, 2020 Release reference 2.8.1: POLocatorV2Ext temporarily closed facility updates. New tags returned to indicate a facility is temporarily closed and effective date.

```

<POLocatorV2ExtResponse>
<Locations>
<Location>
<LocationName>GODWIN</LocationName>
<Address2>8817 MAIN ST</Address2>
<City>GODWIN</City>
<State>NC</State>
<ZIP5>28344</ZIP5>
<Hours>
...
</Hours>
<TemporarilyClosed>Y</TemporarilyClosed>
<TemporarilyClosedDate>2019-11-22</TemporarilyClosedDate>
<Parking>LOT</Parking>
<LBRORetail>N</LBRORetail>
</Location>
</Locations>
</POLocatorV2ExtResponse>
    
```

3.2.2 Sample Labels/Receipts

This section provides sample label and receipt images to the CAT/staging environment that demonstrate some of the changes implemented to our APIs in this release. These samples 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.

3.2.2.1 February 20, 2020 Release

eVS Domestic Label API Updates – reference section 2.2.1





 9205 5444 4444 4403 0319 67	F	3015551212 MID 444444444	CP72-CUSTOMS DECLARATION		P	PRIORITY MAIL U.S. POSTAGE PAID Not Valid Test Label eVS	
	R	JOHN DOE FFON US50 TEST STE 100 4403 IVY LN GREENBELT MD 20770-1441	Origin Post: US POSTAL SERVICE	Date of Mailing: 02/16/20		67855465 2408076676	
	O	Exporter's reference:					
	M	Importer's contact:					
Detailed description of contents		Qty	Net Weight (lbs. oz)	Value (US\$)	HS Tariff Number	Origin Country	Insured Value: \$
Lowe's		10	4 0	30	1234b5 (89012	AU	SDR Value: \$
Drushes		5	2 0	10	234507	AU	Insured Fee: \$
Pans		15	1 0	20	123456	AU	Postal charges/ Fees: \$
							9.74
Category of items: DOCUMENTS		TOTAL	7 0	60.00	I certify the particulars given in this customs declaration are correct. This form does not contain any undeclared dangerous articles, or articles prohibited by legislation or by postal or customs regulations. I have met all applicable export filing requirements under federal law and regulations.		
Exporter's references: 67865489		Exporter's contact: 3019878267		Total Dimensions: L: 6 W: 10 H: 4		Sender's Signature and Date JOHN DOE 02/13/2020	
AEO ITN Exemption: 87864321		Invoice/License Certificate No (s): 234543454 1878879887 987096387					
 7.6 Lbs.						Return to Sender instructions in case of nondelivery:	
T	7771234567		Overseas Military/Diplomatic Mail				
O	JOHN DOE TO DPO TEST PSC 5770 BOX 038 DPO AL 09716						

Figure 1: SAMPLE Priority eVS DPO Customs form - "DPO", Trademark removed

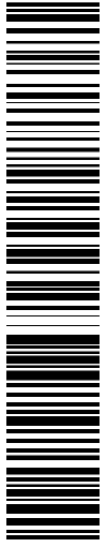


 9205 5444 4444 4403 0319 74	F	R	M	3015551212 MID: 444444444		CP72-CUSTOMS DECLARATION		P	PRIORITY MAIL U.S. POSTAGE PAID Not Valid Test Label eVS		
	JOHN DOE FROM USS0 TEST STE 100 6406 IVY LN GREENBELT MD 20770-1441			Origin Post: US POSTAL SERVICE	Date of Mailing: 02/16/20		Exporter's reference: 67855465		Importer's contact: 2408075676		
	Detailed description of contents			Qty	Net Weight (lbs.oz)	Value (US\$)	HS Tariff Number		Origin Country	Insurance Value: \$	SDR Value: \$
	Towels Brushes Pens			10 5 15	4 0 2 0 1 0	30 10 20	123456789012 234567 123456		AU AU AU	0.00 0.00 9.74	0.00
Category of Items: DOCUMENTS			TOTAL	7 0	60.00	I certify the particulars given in this customs declaration are correct. This form does not contain any undeclared dangerous articles, or articles prohibited by legislation or by postal or customs regulations. I have met all applicable export filing requirements under federal law and regulations.					
Exporter's reference: 67855465		Exporter's contact: 3013873267		Total Dimensions: L: 6 W: 10 H: 4		ACS ITN Exemption: 87854321		Invoice License Certificate No(s) 2345434541 878679887 987096387		Sender's Signature and Date: JOHN DOE 02/13/2020	
7.0 Lbs.									Return to Sender instructions in case of nondelivery:		
T			7771234567			Overseas Military/Diplomatic Mail					
JOHN DOE TO APO TEST UNIT 2050 BOX 4190 APO AA 09002			PS Form 2976-A (March 2019) Web Tools Do not duplicate this form without USPS approval. This item may be opened officially.								

Figure 2: SAMPLE Priority Mail eVS APO Customs form - Trademark removed

3.3 Appendix C – HTTPS/Secure Web Tools APIs

3.3.1 Security Certificate Updates (HTTPS APIs)

Status	Common Name (CN)	Envir.	URLS	Current Expiration Date	Deployment Date	2021 Expiration Date
Complete	stg-secure.shippingapis.com	TEST	https://stg-secure.shippingapis.com/	3/26/2020	3/10/2020	3/2/2021
Complete	secure.shippingapis.com	PROD	https://secure.shippingapis.com/	5/23/2020	5/10/2020	4/10/2021

3.3.2 Web Tools Secure/HTTPS APIs

API	API Name
Carrier Pickup Availability	CarrierPickupAvailability
Carrier Pickup Cancel	CarrierPickupCancel
Carrier Pickup Change	CarrierPickupChange
Carrier Pickup Inquiry	CarrierPickupInquiry
Carrier Pickup Schedule	CarrierPickupSchedule
City+State Lookup	CityStateLookup
Customs Form CN22	CustomsCN22V2
Customs Form CP72	CustomsCP72V3
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
GXG Get Commodity Information	GXGGetCommodityInfo
GXG - Guarantee	GXGGetGuarantee
Hold For Pickup Facility Information	HFPFacilityInfo
International Price Calculator	IntlRateV2, IntlRate (deprecated)
Merchandise Return Service	MerchandiseReturnV4
Merchandise Return Service Bulk	MerchReturnV4Bulk
Priority Mail Service Standards	PriorityMail
Track and Confirm - Email	PTSEmail
Track and Confirm - Pod	PTSPod
Track and Confirm - Tpod	PTSTpod
Track and Confirm - Rre	PTSRre
Domestic Price Calculator	RateV4
SCAN	SCAN
Package Services Service Standards	StandardB
Track and Confirm	TrackV2
Address Validation	Verify

ZipCode Lookup	ZipCodeLookup
----------------	---------------

3.3.3 Security Certificate Update (HTTPS Web Tools 2.0 APIs):

Status	Common Name (CN)	Envir.	URLS	Current Expiration Date	Deployment Date	2021 Expiration Date
Complete	Web Tools 2.0 APIs	TEST	https://cat-webtools.usps.com/	7/4/2020	5/10/2020	4/16/2021
Complete	White Label APIs	TEST	https://staging-whitelabel.shippingapis.com/	3/26/2020	3/10/2020	2/27/2021
Complete	Web Tools 2.0 APIs	PROD	https://webtools.usps.com/	6/20/2020	5/10/2020	4/14/2021
Complete	White Label APIs	PROD	https://whitelabel.shippingapis.com/	7/2/2020	5/10/2020	4/13/2021

3.3.4 Secure HTTPS Web Tools 2.0 APIs

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