Signature Confirmation Label API

USPS Web Tools™ Application Programming Interface User's Guide

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Introduction to Web Tools

This document contains a Reference Guide to the Signature Confirmation Label APIs. See the Developer's Guide (eCommerce API Technical Guides site) 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.

For label specifications such as package dimensions, delivery information, etc., please refer to the Domestic Mail Manual (DMM) at http://pe.usps.com/.

For information specific to domestic mailpieces sent to an Army Post Office (APO), Fleet Post Office (FPOs), and or Diplomatic Post Offices (DPO) see the DMM at http://pe.usps.com/text/dmm300/608.htm#1255642

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.

(*) Note: The exception regarding error messages is the <ToFirm> tag, which will result in an error if the tag exceeds 32 characters.

Before you get started:

For information on registering and getting started with Web Tools, please refer to the <u>Step-By-Step guide</u> found on the <u>Technical Documentation</u> section of the Web Tools page on usps.com/webtools.

Label API access requires extra permissions; please contact the Internet Customer Care Center (<a href="mailto:uspstechnicalsupport@mailto:usp

- 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

Signature Confirmation Label API

Overview

With the USPS's Signature Confirmation, you (or your customers) can access information on the Internet about the delivery status of First-Class Mail parcels, Priority Mail and Package Services (Retail Ground, Media Mail, and Library Mail), including the date, time, and ZIP Code of delivery, as well as attempted deliveries, forwarding, and returns. Signature Confirmation service is not available to APO/FPO addresses, foreign countries, or most U.S. territories.

The Signature Confirmation Label Web Tool generates a label (and accompanying Customer Online Record), either with or without shipping addresses and information depending on the request. The label returned by the Web Tool is printed by the sender and attached to the package.

Please note that the API labels are printed without postage. Postage must be purchased and applied separately. For more information on postage payment methods, see https://www.usps.com/business/postage-options.htm.

API Signature

Scheme	Host	Path	API	XML
https://	secure.shippingapis.com	/ShippingAPI.dll	?API=SignatureConfirmationV4	&XML=(see below)
https://	secure.shippingapis.com	/ShippingAPI.dll	?API=SignatureConfirmationCertifyV4	&XML=(see below)

Note: The "SignatureConfirmationCertifyV4" API signature is for testing purposes and will not generate usable labels and barcodes.

Tag Descriptions

Tag Name	Occurs	Description	Туре	Validation
SignatureConfirmationV4.0 Request	required once	SigConfirmCertifyV4.0Request The "Certify" form of the request is used for integrator testing. It produces a label that is not suitable for mailing and must not be entered into the US Postal System. Certify requests do not require additional permissions to invoke.	(group)	
SignatureConfirmationV4.0 Request / @USERID	required	This attribute specifies your Web Tools ID. See the Developer's Guide for information on obtaining your USERID.	string	

Tag Name	Occurs	Description	Туре	Validation
SignatureConfirmationV4.0 Request / Option	optional	This tag is for future use.	empty	
		This is for versioning of the API's and for triggering response tags for future versions.		
SignatureConfirmationV4.0 Request / Revision	optional	In this API use a value of 2 to trigger new functionality, namely the new dimensional logic.	string	
		For example: <revision>2</revision>		
SignatureConfirmationV4.0 Request / ImageParameters	Optional	Enumeration of image parameter to return barcode only or to crop image.	(group)	
		Returns alternate barcode only label image. "BARCODE ONLY" label option returns a barcode and Package ID Code (PIC) number without the return and delivery name and address.		
SignatureConfirmationV4.0 Request / ImageParameters / ImageParameter	optional, up to 2 times	"CROP" reduces the image size to half-sheet (approximately) "SEPARATECONTINUEPAGE" will force the continuation page (if the item count causes the need for a continuation page) onto a separate page. For example: <imageparameter>BARCODE ONLY</imageparameter>	string	Enumerations: BARCODE ONLY CROP SEPARATECONTINUEPAGE
SignatureConfirmationV4.0 Request / ImageParameters / LabelSequence	Optional	To be used in the case of multiple packages. Not required if only one package.	string	minOccurs="0" maxOccurs="1"
SignatureConfirmationV4.0 Request / ImageParameters / LabelSequence /PackageNumber	Required if	Required if Label Sequence is selected	integer	minInclusive value = "1" maxInclusive value = "999"

Tag Name	Occurs	Description	Туре	Validation
SignatureConfirmationV4.0 Request / ImageParameters / LabelSequence/ TotalPackages	Required if	Required if Label Sequence is selected	integer	minInclusive value = "1" maxInclusive value = "999"
SignatureConfirmationV4.0 Request / FromName	required once	Values for either First and Last Name of Sender or Firm must be sent. For example: <fromname>John Doe</fromname>	string	minLength=1 maxLength=100
SignatureConfirmationV4.0 Request / FromFirm	required once	Firm name; may be left blank. For example: <fromfirm></fromfirm>	string	maxLength=50
SignatureConfirmationV4.0 Request / FromAddress1	required once	Use this tag for a suite or apartment number only. Either Address1 or Address2 is required. For example: <fromaddress1></fromaddress1>	string	minLength=0 maxLength=50
SignatureConfirmationV4.0 Request / FromAddress2	required once	Use this tag for the primary address line. For example: <fromaddress2>10 Elm Street </fromaddress2>	string	minLength=1 maxLength=50
SignatureConfirmationV4.0 Request / FromCity	required once	For example: <fromcity>Anytown</fromcity>	string	minLength=1 maxLength=28
SignatureConfirmationV4.0 Request / FromState	required once	Use 2-letter USPS abbreviation. For example: <fromstate>ST</fromstate>	string	pattern=\w{2} valid state
SignatureConfirmationV4.0 Request / FromZip5	required once	Input tag exactly as presented, not all caps. 5 digits required. For example: <fromzip5>01234</fromzip5>	string	pattern=\d{5}
SignatureConfirmationV4.0 Request / FromZip4	required once	Input tag exactly as presented, not all caps. If value is entered, 4 digits required. This is the ZIP+4 extension. For example: <fromzip4>5678</fromzip4>	string	minLength=0 pattern=\d{4} pattern=\d{0}

Tag Name	Occurs	Description	Туре	Validation
SignatureConfirmationV4.0 Request / ToName	required once	Enter a value for the recipient's name. For example: <toname>Ms. C. P. Apple</toname>	string	minLength=1 maxLength=100
SignatureConfirmationV4.0 Request / ToFirm	required once	Enter a value for the recipient's firm. For example: <tofirm></tofirm> Note: If this tag exceeds 32 characters an error is generated - "Invalid value specified for ToFirm. ToFirm may not exceed 32 characters."	string	minLength=0 maxLength=50
SignatureConfirmationV4.0 Request / ToAddress1	required once	Recipient address line 1. Use this tag for an apartment or suite number. For example: <toaddress1></toaddress1>	string	minLength=0 maxLength=50
SignatureConfirmationV4.0 Request / ToAddress2	required once	Recipient address line 2. Must be a valid address. For example: <toaddress2>123 Main Ave </toaddress2>	string	minLength=1 maxLength=50
SignatureConfirmationV4.0 Request / ToCity	required once	Recipient city. For example: <tocity>Anytown</tocity>	string	minLength=1 maxLength=28
SignatureConfirmationV4.0 Request / ToState	required once	Recipient state. Use 2-letter USPS abbreviation. For example: <tostate>ST</tostate>	string	pattern=\w{2} valid state
SignatureConfirmationV4.0 Request / ToZip5	required once	Recipient ZIP code. For example: <tozip5>01234</tozip5>	string	pattern=\d{5}
SignatureConfirmationV4.0 Request / ToZip4	required once	Recipient ZIP+4 extension. For example: <tozip4>5678</tozip4>	string	minLength=0 pattern=\d{4}
SignatureConfirmationV4.0 Request / ToPOBoxFlag	Optional	Indicates that the To address is a PO Box.	boolean	default=false

Tag Name	Occurs	Description	Type	Validation
SignatureConfirmationV4.0 Request / ToContactPreference	Optional	This indicates how the recipient will be notified that the package is available for pickup. Specify WAIVED if notification is not desired. For example: <tocontactpreference>EMAIL</tocontactpreference>	string	Enumerations: EMAIL SMS WAIVED default=EMAIL
SignatureConfirmationV4.0 Request / ToContactMessaging	Optional	This contains the email address or the text messaging address or is blank depending on the ToContactPreference tag. If the EMAIL or SMS enumeration is used in ToContactPreference, this value must be a syntactically-valid e-mail address. If WAIVED is used, this value must be blank. For example: <tocontactmessaging>user@anydo main.gov</tocontactmessaging>	string	maxLength=64
SignatureConfirmationV4.0 Request / ToContactEmail	Optional	E-mail address of recipient. Valid e-mail addresses must be used. Note: No e-mail is returned when generating a Sample Label request. For example: <tocontactemail>John.Smith@abc.com</tocontactemail>	string	minLength=0 valid email
SignatureConfirmationV4.0 Request / WeightInOunces	required once	Required for postage calculation and manifest record. For example: <weightinounces>25 </weightinounces>	integer	maxInclusive=1120 minExclusive=0

Tag Name	Occurs	Description	Туре	Validation
SignatureConfirmationV4.0 Request / ServiceType	required once	Mail service type desired. For example: <servicetype> PRIORITY </servicetype> Note: Mailable matter not required to be mailed as First-Class Mail is permitted with Standard Post to Zones 5-9. Zones 1-4 items are limited to mailable hazardous materials, live animals, and other "surface-only" items. Standard Post can only be used for Zones 5-9 unless the shipment is oversized or contains classes of materials. (e.g. certain HAZMAT) For more details, see: http://pe.usps.com/businessmail101/classes/packageServices.htm	string	Enumerations: PRIORITY FIRST CLASS RETAIL GROUND MEDIA MAIL LIBRARY MAIL
SignatureConfirmationV4.0 Request / InsuredAmount	optional	Use this tag for entering an insurance amount, if applicable. For example: <insuredamount>100.00 </insuredamount>	decimal	default=0 minInclusive=0 maxInclusive=9999.99 totalDigits=8
SignatureConfirmationV4.0 Request / WaiverOfSignature	optional	No Signature Required for Delivery. Enter "true" if you do not want a signature for receipt of the package or "false" if you do. For example: <waiverofsignature></waiverofsignature>	boolean	default=false
SignatureConfirmationV4.0 Request / SeparateReceiptPage	optional	Label & Customer Online Record Printed on two separate pages. Enter "true" if you want the shipping label and online customer record printed on two separate pages or "false" if you want them printed on the same single page. For example: <separatereceiptpage></separatereceiptpage>	boolean	default=false

Tag Name	Occurs	Description	Туре	Validation
SignatureConfirmationV4.0 Request / POZipCode	optional	ZIP Code of Post Office or collection box where item is mailed. May be different than From ZIP Code. For example: <pozipcode>20770</pozipcode>	string	minLength=0 pattern=\d{5}
SignatureConfirmationV4.0 Request / ImageType	required once	Label Image Type. For example: <imagetype>TIF</imagetype>	string	Enumerations: PDF TIF NONE
SignatureConfirmationV4.0 Request / LabelDate	optional	Date package will be mailed. Ship date may be today plus 0 to 3 days in advance. Enter the date in either format: yyyy-mm-dd dd-mmm-yyyy, such as 10-Jan-2010, or mm/dd/yyyy, such as 01/10/2010. For example: <labeldate>2015-05-05 </labeldate>	string	minLength=0 pattern=yyyy-mm-dd pattern=mm\dd\yyyy pattern= dd-mmm-yyyy
SignatureConfirmationV4.0 Request / CustomerRefNo	optional	User-assigned Number for Internal Use. For example: <customerrefno>123456 </customerrefno>	string	minLength=0 maxLength=30

Tag Name	Occurs	Description	Туре	Validation	
	optional	You can request the USPS to alert you when a customer changes their address. This feature is especially useful to ensure correct billing. The words "Address Service Requested" will appear on the shipping label immediately below the return address.			
		This service is not available with the barcode only label option. By using this tag, you will receive the following service with Priority Mail:			
SignatureConfirmationV4.0 Request / option AddressServiceRequested		For 12 months after an address change, the mailpiece is forwarded at no charge. However, a separate notice of the new address is returned to you and an address correction fee is charged.	boolean	default=false	
		For months 13-18 after an address change, the mailpiece is returned with the new address attached at no charge.			
		After 18 months, or if undeliverable, the mailpiece is returned with the reason for nondelivery attached at no charge.			
		Enter "True" or "False." False is assumed if no value is entered. For fees for this service with Package Services, refer to the <u>Domestic Mail Manual</u> .			
		For example: <addressservicerequested>true </addressservicerequested>			

Tag Name	Occurs	Description	Туре	Validation
SignatureConfirmationV4.0 Request / SenderName	optional	The name of the person or company sending the email. Note: No e-mail is returned when generating a Sample Label request. For example: <sendername>John Smith</sendername>	string	minLength=0
SignatureConfirmationV4.0 Request / SenderEMail	optional	E-mail address of sender. Valid e-mail addresses must be used. Note: No e-mail is returned when generating a Sample Label request. For example: <senderemail>John.Smith@abc.com </senderemail>	string	minLength=0 valid email address
SignatureConfirmationV4.0 Request / RecipientName	optional	The name of the person or company receiving the email. Note: No e-mail is returned when generating a Sample Label request. For example: <recipientname>Mary Jones</recipientname>	string	minLength=0
SignatureConfirmationV4.0 Request / RecipientEMail	optional	E-mail address of recipient. Valid e-mail addresses must be used. Note: No e-mail is returned when generating a Sample Label request. For example: <recipientemail>MaryJ@xyz.org </recipientemail>	string	minLength=0 valid email address
SignatureConfirmationV4.0 Request / AllowNonCleansedDestAdd r	optional	Value of 'true' bypasses destination address cleansing. Non-cleansed destination addresses may result in undeliverable packages.	string	default=false enumeration= true false
SignatureConfirmationV4.0 Request / HoldForManifest	optional	Restricted use. Holds manifest record for possible inclusion in SCAN request.	string	Enumerations: Y N

Tag Name	Occurs	Description	Туре	Validation
SignatureConfirmationV4.0 Request / Container	optional	Use to specify special containers or container attributes that may affect postage; otherwise, leave blank. Specifically this is used to indicate various flat and regional rate options for Priority Mail, otherwise the API will assume "simple". Needed to assign an appropriate RDC and to ensure the proper 3 digit service type code is included in the barcode. For example: <container>VARIABLE</container>	string	Enumerations: VARIABLE FLAT RATE ENVELOPE LEGAL FLAT RATE ENVELOPE PADDED FLAT RATE ENVELOPE GIFT CARD FLAT RATE ENVELOPE SM FLAT RATE ENVELOPE WINDOW FLAT RATE ENVELOPE SM FLAT RATE BOX MD FLAT RATE BOX LG FLAT RATE BOX REGIONALRATEBOXA REGIONALRATEBOXB RECTANGULAR NONRECTANGULAR
SignatureConfirmationV4.0 Request / Size	optional	Defined as follows: REGULAR: all package dimensions are under 12"; LARGE: any package dimension is greater than 12" For example: <size>REGULAR</size>	string	Enumerations: REGULAR LARGE
SignatureConfirmationV4.0 Request / Width	optional	Value must be numeric. Units are inches. Required when Size is LARGE. For example: <width>5.5</width>	decimal	minExclusive=0.0 totalDigits=10
SignatureConfirmationV4.0 Request / Length	optional	Value must be numeric. Units are inches. Required when Size is LARGE. For example: <length>11</length>	decimal	minExclusive=0.0 totalDigits=10

Tag Name	Occurs	Description		Туре	Validation
SignatureConfirmationV4.0 Request / Height	optional	Value must be numeric. U inches. Required when Siz LARGE.		decimal	minExclusive=0.0 totalDigits=10
		For example: <height>11<</height>	/Height>		
SignatureConfirmationV4.0 Request / Girth	optional	Value must be numeric. U inches. Girth is only requir Container = 'NONRECTANG' 'VARIABLE' and Size='LARG'. For example: <girth>11<!--6</td--><td>ed when GULAR' or GE'</td><td>decimal</td><td>minExclusive=0.0 totalDigits=10</td></girth>	ed when GULAR' or GE'	decimal	minExclusive=0.0 totalDigits=10
SignatureConfirmationV4.0 Request / Machinable	optional	Machinable is required where ServiceType = 'ParcelPost' For example: <machinable>true<td>nen:</td><td>boolean</td><td>default=true</td></machinable>	nen:	boolean	default=true
SignatureConfirmationV4.0 Request / CommercialPrice	optional	Indicates if commercial probe returned. For example: <commercialprice>False </commercialprice>	ce should	boolean	default=false
SignatureConfirmationV4.0 Request / ExtraServices	optional	For future use.		(group)	
		Use to specify extra service Currently available service			
		Service Name	ID		
		Insurance (Non-Priority)	100		
		Adult Signature Required	119		
		Adult Signature Restricted			Enumerations:
		Delivery	120		100
		Insurance (Priority)	125		119
SignatureConfirmationV4.0	optional,	Signature Confirmation			120
Request / ExtraServices /	unbound	Electronic	156	string	125
ExtraService	ed	Signature Confirmation			156
Extrascrivice		Electronic Restricted			174
		Delivery	174		177
		Insurance Restricted Delivery	177		179
		Insurance Restricted	1//		
		Delivery (Priority)	179		
		For example: <extraservice>100<td>Service></td><td></td><td></td></extraservice>	Service>		

Tag Name	Occurs	Description	Туре	Validation
SignatureConfirmationV4.0 Request / ReturnCommitments	optional	Indicates if commitment information should be returned.	boolean	default=false
SignatureConfirmationV4.0 Request / GroundOnly	optional	Ground Only Indicator for Retail Ground	boolean	default=false
SignatureConfirmationV4.0 Request / Content	optional	Special Contents of package	(group)	minOccurs=0 default=false
SignatureConfirmationV4.0 Request / Content / ContentType	required once – if content included	Use to specify ContentType. Available types are: ContentType HAZMAT LIVES PERISHABLE FRAGILE Required if LIVES. Example: < ContentType >LIVES / ContentType > Note: USPS-produced packaging, including Flat Rate and Regional Rate, cannot be used to ship live animals. Error response will be returned.	string	Enumerations: HAZMAT LIVES PERISHABLE FRAGILE
SignatureConfirmationV4.0 Request / Content / ContentDescription	optional	Description. Required if LIVES.	string	Enumerations: BEES DAYOLDPOULTRY ADULTBIRDS OTHER
SignatureConfirmationV4.0 Request /MeterData	optional	Meter Data grouping.	(group)	
SignatureConfirmationV4.0 Request /MeterData/ MeterVendorID	optional	Meter Vendor ID, which is the 2 digit number USPS assigned vendor ID.	string	minLength value="0" maxLength value="2"
SignatureConfirmationV4.0 Request /MeterData/ MeterSerialNumber	optional	Serial number of meter used for postage.	string	minLength value="0" maxLength value="20"

Tag Name	Occurs	Description	Туре	Validation
SignatureConfirmationV4.0 Request /MeterData/ MeterModeIID	optional	Two digit model number of the Meter For example: PC-Postage models are 1 numeric followed by 1 alpha. <metermodelid>7a</metermodelid>	string	minLength value="0" maxLength value="15"
SignatureConfirmationV4.0 Request /MeterData/ RateCategory	optional	Four digit value denotes Product / Rate Category (As defined by the IBI data dictionary)	string	minLength value="0" maxLength value="4"
SignatureConfirmationV4.0 Request /MeterData/ IndiciumCreationRecordDat e	optional	Date IBI was created Example: 12/19/2016 This tag is mostly used by PC Postage, metered and IMI PC Compliant customers	string	pattern value="\d{1,2}/\d{1,2}/\d{4} "
SignatureConfirmationV4.0 Request /MeterData/IBI	optional	Information-Based Indicia (IBI)- Refers to a secure postage evidencing standard used by the United States Postal Service (USPS) to indicate electronic postage payment.	string	minLength value="0" maxLength value="150"

Customs forms and data requirements

for shipping to/from Overseas Military and Diplomatic Post Office(APO/FPO/DPO) and US Possessions, Territories and Freely Associated States (PTFAS).

Please see the below "CustomsContentType" tag for specific customs forms and data requirements and logic.

SignatureConfirmationV4.0 Request / ShippingContents	required once or optional	Required only if a customs form is required based on Customs Content Type and Weight.	(group)
SignatureConfirmationV4.0 Request / ShippingContents / ItemDetail	required once repeatin g up to 30 times or optional	required once repeating up to 30 times if generating an Integrated Customs Form, otherwise not required	(group)

Tag Name	Occurs	Description	Туре	Validation
SignatureConfirmationV4.0 Request / ShippingContents / ItemDetail /Description	Optional /require d	Description of the item. Required only if a customs form is required based on Customs Content Type and Weight. For example: <description>Policy guidelines document</description>	string	minLength=1 maxLength=256
SignatureConfirmationV4.0 Request / ShippingContents / ItemDetail /Quantity	Optional /require d	Quantity of the item. Integer value required. Required only if a customs form is required based on Customs Content Type and Weight. For example: <quantity>1</quantity>	integer	maxInclusive value=9
SignatureConfirmationV4.0 Request / ShippingContents / ItemDetail / Value	Optional /require d	The data entered with this tag provides the value of the set of items. If the item is 2 boxes of 50 pens and the value of each box is \$10.00, "20.00" (2 boxes x \$10.00) should be entered. If the value of each pen is .25 then "25.00" (100 pens x .25) should be entered. Required only if a customs form is required based on Customs Content Type and Weight. For example: <value>55.00</value>	decimal	minExclusive value=0 totalDigits value=8 maxInclusive value=999999.99
SignatureConfirmationV4.0 Request / ShippingContents / ItemDetail / NetPounds	Optional /require	Provide the pounds OR ounces component of the weight of the individual item listed with <description> when a customs form is required based on Customs Content Type and Weight. For example: <netpounds>1</netpounds></description>	integer	totalDigits value=2 minInclusive value=0 maxInclusive value=70
SignatureConfirmationV4.0 Request / ShippingContents / ItemDetail / NetOunces	Optional /require d	Provide the ounces OR pounds component of the weight of the individual item listed with <description> when a customs form is required based on Customs Content Type and Weight. For example: <netounces>5</netounces></description>	decimal	totalDigits value=5 minInclusive value=0 maxInclusive value=1120

Tag Name	Occurs	Description	Туре	Validation
SignatureConfirmationV4.0 Request / ShippingContents / ItemDetail / HSTariffNumber	optional	For commercial items only. If known, the HS tariff number must be based on the Harmonized Commodity Description and Coding System developed by the World Customs Organization. For example: <hstariffnumber>490110</hstariffnumber>	string	minLength=0 maxLength=12
SignatureConfirmationV4.0 Request / ShippingContents / ItemDetail / CountryofOrigin	optional	Country of Origin means the country where the goods originated, e.g. were produced, manufactured, or assembled. It is recommended you supply this information and attach an invoice to the outside to accelerate customs clearance in processing the items. The country name entered must match an entry from the USPS-approved International Index of Countries (see http://pe.usps.com/text/imm/immctry.htm) and Localities or be "United States". For example: <countryoforigin>United States</countryoforigin>	string	minLength=0 maxLength=100
SignatureConfirmationV4.0 Request / FromPhone	optional	10 digits required (including area code), with no punctuation. Use format: 2125551234 For example: <fromphone>55555555/FromPhone></fromphone>	string	minOccurs=0 whiteSpace=collapse length=10 pattern=\d{10}
SignatureConfirmationV4.0 Request / SenderMID	optional	Mailer Identification Number. The MID is a six- or nine-digit number.	string	minOccurs=0 minLength=6 maxLength=9
SignatureConfirmationV4.0 Request / ToPhone	optional	10 digits required (including area code), with no punctuation. Use format: 2125551234 For example: <tophone>555555555</tophone>	string	minOccurs=0 whiteSpace=collapse length=10 pattern=\d{10}

Tag Name	Occurs	Description	Туре	Validation
SignatureConfirmationV4.0 Request / CustomsContentType	required	Specifies the content of the package or envelope. For example: <customscontenttype>DOCUMENT S</customscontenttype> When sending TO or FROM an APO/FPO/DPO or PTFAS, additional Customs information is required. This requirement is triggered when • The "ToState" is an APO/FPO/DPO or PTFAS • The "POZipCode" is specified and is an APO/FPO/DPO or PTFAS • The "POZipCode" is NOT specified and The "FromState" is an APO/FPO/DPO or PTFAS When one of the above conditions occurs, The Customs Content Type tag is required. If the Content Type is "DOCUMENTS" and the "WeightInOunces" is specified and is less than 16 oz. no additional Customs tags are required from this section.	string	minOccurs=0 enumeration= MERCHANDISE GIFT DOCUMENTS SAMPLE RETURN OTHER HUMANITARIAN DANGEROUSGOODS
SignatureConfirmationV4.0 Request / ContentComments	optional	Required tag if <customscontenttype> =Other Enter any comments. For example: <contentcomments></contentcomments></customscontenttype>	string	minOccurs=0
SignatureConfirmationV4.0 Request / RestrictionType	optional	Restriction Types	string	minOccurs=0 Enumeration= Quarantine Sanitary Inspection Phytosanitary Inspection Other
SignatureConfirmationV4.0 Request / RestrictionComments	Optional	Restriction Comments. Required when <restrictiontype>="Other"</restrictiontype>	string	minOccurs=0

Tag Name	Occurs	Description	Туре	Validation
SignatureConfirmationV4.0 Request / AESITN	optional	AES/TN Exemption is a code that indicates the reason why you did not need to file electronic export information	string	minOccurs=0
SignatureConfirmationV4.0 Request / ImportersReference	optional	Use tag when ServiceType is equal to Priority Importers Reference. The Importer's Reference might be a tax code, importer code, or VAT number used for sales tax	string	minOccurs=0
SignatureConfirmationV4.0 Request / ImportersContact	optional	Use tag when ServiceType is equal to Priority Importers Contact. Enter, if known, the Importer's telephone number, fax number, or email address, as such information might facilitate customs clearance or delivery.	string	minOccurs=0
SignatureConfirmationV4.0 Request / ExportersReference	optional	Use tag when ServiceType is equal to Priority Exporters Reference. The Exporter's Reference might be a tax code, importer code, or VAT number used for sales tax	string	minOccurs=0
SignatureConfirmationV4.0 Request / ExportersContact	optional	Use tag when ServiceType is equal to Priority Exporters Contact. Enter, if known, the Exporter's telephone number, fax number, or email address, as such information might facilitate customs clearance or delivery.	string	minOccurs=0
SignatureConfirmationV4.0 Request / InvoiceNumber	optional	Use tag when ServiceType is equal to Priority Invoice Number	string	minOccurs=0
SignatureConfirmationV4.0 Request / LicenseNumber	optional	Use tag when ServiceType is equal to Priority License Number	string	minOccurs=0

Tag Name	Occurs	Description	Туре	Validation
SignatureConfirmationV4.0 Request / CertificateNumber	optional	Use tag – when ServiceType is equal to Priority Certificate Number	string	minOccurs=0
SignatureConfirmationV4.0 Request / NonDeliveryOption	optional	In case package is undeliverable, enter one of the following: "RETURN" for package to be returned to <fromaddress> above. "REDIRECT" to return package to address specified in the below tags. "ABANDON" to dispose of undeliverable package. For example: <nondeliveryoption>RETURN</nondeliveryoption></fromaddress>	string	enumeration=RETURN enumeration=REDIRECT enumeration=ABANDON
SignatureConfirmationV4.0 Request / AltReturnAddress1	optional	Required if NonDeliveryOption tag=REDIRECT. Suggested use of this tag is for an apartment or suite number. For example: <altreturnaddress1>Apt 1</altreturnaddress1> Note: 1. Six AltReturn Address lines are provided but only one line is required. Use as many as needed for complete address. 2. Requirement ignored when <container> specified is a flat rate envelope or small flat rate box variation.</container>	string	minOccurs=0

Tag Name	Occurs	Description	Туре	Validation
SignatureConfirmationV4.0 Request / AltReturnAddress2	optional	Required if NonDeliveryOption tag=REDIRECT. Suggested use of this tag is the Recipient address line 2. Must be a valid address. For example: <altreturnaddress2>123 Main Ave <!-- AltReturnAddress2--> Note: 1. Six AltReturn Address lines are provided but only one line is required. Use as many as needed for complete address. 2. Requirement ignored when <container> specified is a flat rate envelope or small flat rate box variation.</container></altreturnaddress2>	string	minOccurs=0
SignatureConfirmationV4.0 Request / AltReturnAddress3	optional	Required if NonDeliveryOption tag=REDIRECT. Suggested use of this tag is the Recipient city. Note: 1. Six AltReturn Address lines are provided but only one line is required. Use as many as needed for complete address. 2. Requirement ignored when <container> specified is a flat rate envelope or small flat rate box variation.</container>	string	minOccurs=0

Tag Name	Occurs	Description	Туре	Validation
SignatureConfirmationV4.0 Request / AltReturnAddress4	optional	Required if NonDeliveryOption tag=REDIRECT. Suggested use of this tag is the Recipient state. Use 2-letter USPS abbreviation. Note: 1. Six AltReturn Address lines are provided but only one line is required. Use as many as needed for complete address. 2. Requirement ignored when <container> specified is a flat rate envelope or small flat rate box variation.</container>	string	minOccurs=0
SignatureConfirmationV4.0 Request / AltReturnAddress5	optional	Required if NonDeliveryOption tag=REDIRECT. Suggested use of this tag is the recipient ZIP code. Note: 1. Six AltReturn Address lines are provided but only one line is required. Use as many as needed for complete address. 2. Requirement ignored when <container> specified is a flat rate envelope or small flat rate box variation.</container>	string	minOccurs=0

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Tag Name	Occurs	Description	Type	Validation
SignatureConfirmationV4.0 Request / AltReturnAddress6	optional	Required if NonDeliveryOption tag=REDIRECT. Suggested use of this tag is the recipient ZIP+4 extension Note: 1. Six AltReturn Address lines are provided but only one line is required. Use as many as needed for complete address. 2. Requirement ignored when <container> specified is a flat rate envelope or small flat rate box variation.</container>	string	minOccurs=0
SignatureConfirmationV4.0 Request / AltReturnCountry	optional	Required if NonDeliveryOption tag=REDIRECT. Country. Tag must equal United States for this API.	string	minOccurs=0
SignatureConfirmationV4.0 Request	required once		(alias)	substitutionGroup= "SigConfirmCertifyV4.0R equest"

Sample Request

```
Test XML Request - Standard without generating Military / PTFAS Integrated Customs Form:
https://secure.shippingapis.com/ShippingAPI.dll?API=SignatureConfirmationCertifyV4&XML=<?xml
version="1.0" encoding="UTF-8" ?>
<SigConfirmCertifyV4.0Request USERID="XXXXXX">
  <Option>1</Option>
  <ImageParameters>
    <LabelSequence>
     <PackageNumber>1</PackageNumber>
     <TotalPackages>99</TotalPackages>
    </LabelSequence>
  </ImageParameters>
  <FromName>Joe Smith
  <FromFirm>ABC Corp.
  <FromAddress1>Apt. 3C
  <FromAddress2>6406 Ivy Lane/FromAddress2>
  <FromCity>Greenbelt/FromCity>
  <FromState>MD/FromState>
  <FromZip5>20770
  <FromZip4>1234/FromZip4>
  <ToName>Tom Collins</ToName>
  <ToFirm>XYZ Corp.</ToFirm>
  <ToAddress1>Suite 4D</ToAddress1>
  <ToAddress2>8 Wildwood Drive</ToAddress2>
  <ToCity>Old Lyme</ToCity>
  <ToState>CT</ToState>
  <ToZip5>06371</ToZip5>
  <ToZip4></ToZip4>
  <WeightInOunces>2</WeightInOunces>
  <ServiceType>First Class
  <InsuredAmount></InsuredAmount>
  <SeparateReceiptPage></SeparateReceiptPage>
  <POZipCode></POZipCode>
  <ImageType>TIF</ImageType>
  <LabelDate></LabelDate>
  <CustomerRefNo></CustomerRefNo>
  <AddressServiceRequested></AddressServiceRequested>
  <SenderName></SenderName>
  <SenderEMail></SenderEMail>
  <RecipientName></RecipientName>
  <RecipientEMail></RecipientEMail>
  <Container>Variable</Container>
  <Size>Regular</Size>
  <CommercialPrice>True</CommercialPrice>
</SigConfirmCertifyV4.0Request>
Test XML Request - Signature Confirmation with MeterData for the SPE file:
<SigConfirmCertifyV4.0Request USERID="xxxxxx">
  <Option>1</Option>
  <Revision>2</Revision>
  <ImageParameters />
  <FromName>CARRIE STEVENS
  <FromFirm>USPS
  <FromAddress1 />
  <FromAddress2>10 CHAUNCY ST
  <FromCity>CAMBRIDGE</fromCity>
  <FromState>MA/FromState>
  <FromZip5>02138
  <FromZip4>2625/FromZip4>
```

```
<ToName>ZIP X 70801</ToName>
  <ToFirm>CHARMING HAIR</ToFirm>
  <ToAddress1>187TH STREET</ToAddress1>
  <ToAddress2>521 E 187TH ST</ToAddress2>
  <ToCity>BRONX</ToCity>
  <ToState>NY</ToState>
  <ToZip5>10458</ToZip5>
  <ToZip4>6671</ToZip4>
  <WeightInOunces>17</WeightInOunces>
  <ServiceTvpe>PRIORITY</ServiceTvpe>
  <InsuredAmount>120</InsuredAmount>
  <POZipCode>02138</POZipCode>
 <ImageType>NONE</ImageType>
  <LabelDate></LabelDate>
  <AllowNonCleansedDestAddr>Y</AllowNonCleansedDestAddr>
  <HoldForManifest>N</HoldForManifest>
  <Container>FLAT RATE ENVELOPE</Container>
  <Size>REGULAR</Size>
  <ExtraServices>
  <ExtraService>174</ExtraService>
  </ExtraServices>
  <MeterData>
       <MeterVendorID>01</MeterVendorID>
       <MeterSerialNumber>123456789/MeterSerialNumber>
       <MeterModelID>1Z</MeterModelID>
       <RateCategory>0001</RateCategory>
       <IndiciumCreationRecordDate>03/02/2016</IndiciumCreationRecordDate>
       <IBI>Sigcon abcdefghijklmnopqrstuv</IBI>
  </MeterData>
</SigConfirmCertifyV4.0Request>
Test XML Request - Signature Confirmation and creating a Military / PTFAS Integrated Customs Form:
<SigConfirmCertifyV4.0Request USERID="xxxxxxx">
 <Option>1</Option>
  <Revision>2</Revision>
  <ImageParameters>
   <ImageParameter></ImageParameter>
  </ImageParameters>
  <FromName>Dirk Potter
  <FromFirm>Dirk Potter's Firm
  <FromAddress1>126 ShadeTree Road/FromAddress1>
  <FromAddress2>suite #1</fromAddress2>
  <FromCity>Shavertown/FromCity>
  <FromState>PA
  <FromZip5>18708
  <FromZip4>
  <ToName>Builder Bob</ToName>
  <ToFirm>Firm ghijklmnopqrstuvwxyz</ToFirm>
  <ToAddress1></ToAddress1>
  <ToAddress2>>Unit 3300</ToAddress2>
  <ToCity>APO</ToCity>
  <ToState>AE</ToState>
  <ToZip5>09094</ToZip5>
  <ToZip4></ToZip4>
  <ToPOBoxFlag>true</ToPOBoxFlag>
  <WeightInOunces>12</WeightInOunces>
  <ServiceType>PRIORITY</ServiceType>
  <InsuredAmount>1000</InsuredAmount>
  <ImageType>TIF</ImageType>
  <LabelDate></LabelDate>
  <AllowNonCleansedDestAddr></AllowNonCleansedDestAddr>
```

```
<Container>SM FLAT RATE BOX</Container>
 <Size>REGULAR</Size>
 <Width>1</Width>
 <Length>1</Length>
 <Height>1</Height>
 <Girth></Girth>
 <ReturnCommitments>true</ReturnCommitments>
<ShippingContents>
    <ItemDetail>
      <Description>Description 1</Description>
      <Quantity>9999</Quantity>
      <Value>1.11</Value>
      <NetPounds></NetPounds>
      <NetOunces>1</NetOunces>
      <HSTariffNumber>123456789012</HSTariffNumber>
      <CountryOfOrigin>Australia</CountryOfOrigin>
    </ItemDetail>
    <ItemDetail>
      <Description>Description 2</Description>
      <Ouantity>2</Ouantity>
      <Value>2.22</Value>
      <NetPounds></NetPounds>
      <NetOunces>2</NetOunces>
      <HSTariffNumber>234567</HSTariffNumber>
      <CountryOfOrigin>Australia</CountryOfOrigin>
    </ItemDetail>
    <ItemDetail>
      <Description>Description 3</Description>
      <Quantity>3</Quantity>
      <Value>3.33</Value>
      <NetPounds></NetPounds>
      <NetOunces>3</NetOunces>
      <HSTariffNumber>123456/HSTariffNumber>
      <CountryOfOrigin>Australia</CountryOfOrigin>
    </ItemDetail>
    <ItemDetail>
      <Description>Description 4</Description>
      <Quantity>4</Quantity>
      <Value>4.44</Value>
      <NetPounds></NetPounds>
      <NetOunces>4</NetOunces>
      <HSTariffNumber>234567</HSTariffNumber>
      <CountryOfOrigin>Australia</CountryOfOrigin>
    </ItemDetail>
    <ItemDetail>
      <Description>Description 5</Description>
      <Quantity>5</Quantity>
      <Value>5.55</Value>
      <NetPounds></NetPounds>
      <NetOunces>5</NetOunces>
      <HSTariffNumber>123456/HSTariffNumber>
      <CountryOfOrigin>Australia</CountryOfOrigin>
    </ItemDetail>
    <ItemDetail>
      <Description>Description 6</Description>
      <Quantity>6</Quantity>
      <Value>6.66</Value>
      <NetPounds></NetPounds>
      <NetOunces>6</NetOunces>
      <HSTariffNumber>234567</HSTariffNumber>
      <CountryOfOrigin>Australia</CountryOfOrigin>
```

```
</ItemDetail>
</ShippingContents>
<FromPhone>7175555555
<SenderMID>123456789</SenderMID>
<ToPhone>570555555</ToPhone>
<CustomsContentType>Documents</CustomsContentType>
<ContentComments>1234567890123456789012345</ContentComments>
<RestrictionType>Phytosanitary Inspection</RestrictionType>
<RestrictionComments>1234567890123456789012345</RestrictionComments>
<AESITN>12345678901234567890123456789012345</AESITN>
<ImportersReference>123456789012345678901234567890</ImportersReference>
<ImportersContact>Importers Contact: This field can be 50 characters long</ImportersContact>
<ExportersReference>12345678901234</ExportersReference>
<ExportersContact>Exporters Contact: This field can be 50 characters long </ExportersContact>
<InvoiceNumber>Invoice89012345</InvoiceNumber>
<LicenseNumber>License Number12</LicenseNumber>
<CertificateNumber>CertificateX</CertificateNumber>
</SigConfirmCertifyV4.0Request>
```

Response Description

Tag Name	Occurs	Description	Туре
SignatureConfirmationV4.0Response	required once	Certify response: SigConfirmCertifyV4.0Response	(group)
SignatureConfirmationV4.0Response / SignatureConfirmationNumber	required once	Signature Confirmation tracking number	string
SignatureConfirmationV4.0Response / SignatureConfirmationLabel	required once	Signature Confirmation Label, if requested (where <imagetype> tag not "None")</imagetype>	base64Binary
SignatureConfirmationV4.0Response / SignatureConfirmationReceipt	required once	Separate Signature Confirmation Customer Online Record, if requested using <separatereceiptpage> tag</separatereceiptpage>	base64Binary
SignatureConfirmationV4.0Response / ToName	required once	Name of Recipient	string
SignatureConfirmationV4.0Response / ToFirm	required once	Company Name	string
SignatureConfirmationV4.0Response / ToAddress1	required once	To Address Line 1	string
SignatureConfirmationV4.0Response / ToAddress2	required once	To Address Line 2	string
SignatureConfirmationV4.0Response / ToCity	required once	To City	string
SignatureConfirmationV4.0Response / ToState	required once	To State	string
SignatureConfirmationV4.0Response / ToZip5	required once	To ZIP Code	string
SignatureConfirmationV4.0Response / ToZip4	required once	To ZIP Code+4	string
SignatureConfirmationV4.0Response / ToPOBoxFlag	Optional	Indicates that the ToFacility address is a PO Box.	boolean
SignatureConfirmationV4.0Response / Postnet	required once		string
SignatureConfirmationV4.0Response / RDC	optional		string
SignatureConfirmationV4.0Response / Postage	optional	Amount of Postage Required	decimal
SignatureConfirmationV4.0Response / Zone	optional	Postal Zone. Indicates the number of postal rate zones between the origin and destination ZIP codes.	string
SignatureConfirmationV4.0Response	optional		string

Tag Name	Occurs	Description	Туре
/ DimensionalWeight			
SignatureConfirmationV4.0Response / InsuranceFee	optional		string
SignatureConfirmationV4.0Response / ExtraServices	optional	Group of extra services	(group)
SignatureConfirmationV4.0Response / ExtraService	optional, unbounded times	Groups information for each extra service	(group)
SignatureConfirmationV4.0Response / ServiceID	required once	Extra Service ID echoed from request	string
SignatureConfirmationV4.0Response / ServiceName	required once	Extra Service name	string
SignatureConfirmationV4.0Response / Price	required once	Extra Service fee	string
SignatureConfirmationV4.0Response / CarrierRoute	optional		string
SignatureConfirmationV4.0Response / LogMessage	optional	A text message for integrators of this API. It may contain additional information about this particular request/response, or general information about the API or Web Tools. In typical implementations, whenever this tag is encountered, the message is written to the console log file for later analysis.	string
SignatureConfirmationV4.0Response / Commitment	optional	Returned if ReturnCommitments is true in the request.	(group)
SignatureConfirmationV4.0Response / Commitment / CommitmentName	optional	Commitment name such as 1-day, 2-day, 3-day, Military, DPO	String
SignatureConfirmationV4.0Response / Commitment / ScheduledDeliveryDate	optional	Date in the YYYY-MM-DD format.	Date

Sample Response

```
Test XML Response - Standard without generating Military / PTFAS Integrated Customs Form:
<?xml version="1.0" encoding="UTF-8" ?>
 <SigConfirmCertifyV4.0Response>
<SignatureConfirmationNumber>420063719402101699320XXXXXXXXXXX/SignatureConfirmationNumber>
 <SignatureConfirmationLabel>SUkqAAgAAAASAP4ABAAB
  <!-- over 10000 suppressed -->
 </SignatureConfirmationLabel>
 <ToName>TOM COLLINS</ToName>
 <ToFirm>XYZ CORP.</ToFirm>
 <ToAddress1>STE 4D</ToAddress1>
 <ToAddress2>8 WILDWOOD DR</ToAddress2>
 <ToCity>OLD LYME</ToCity>
 <ToState>CT</ToState>
 <ToZip5>06371</ToZip5>
 <ToZip4>1844</ToZip4>
 <Postnet>06371184408</Postnet>
 <RDC>0000</RDC>
 <Postage>2.04</Postage>
 <Zone>3</Zone>
 <InsuranceFee>0</InsuranceFee>
 <CarrierRoute>R###</CarrierRoute>
</SigConfirmCertifyV4.0Response>
Test XML Response - Signature Confirmation with MeterData for the SPE file:
<?xml version="1.0"?>
-<SigConfirmCertifvV4.0Response>
<SignatureConfirmationNumber>420104589489601699320099993377</SignatureConfirmationNumber>
<ToName>ZIP X 70801</ToName>
<ToFirm>CHARMING HAIR</ToFirm>
<ToAddress1>187TH STREET</ToAddress1>
<ToAddress2>521 E 187TH ST</ToAddress2>
<ToCity>BRONX</ToCity>
<ToState>NY</ToState>
<ToZip5>10458</ToZip5>
<ToZip4>6671</ToZip4>
<Postnet/>
<RDC>0006</RDC>
<Postage>6.45</Postage>
<Zone>3</Zone>
<InsuranceFee>3.35</insuranceFee>
-<ExtraServices>
-<ExtraService>
<ServiceID>174</ServiceID>
<ServiceName>Signature Confirmation™ Electronic Restricted Delivery
<Price>7.30</Price>
</ExtraService>
</ExtraServices>
<CarrierRoute>C017</CarrierRoute>
</SigConfirmCertifyV4.0Response>
Test XML Response - Signature Confirmation and creating a Military / PTFAS Integrated Customs Form:
<?xml version="1.0"?>
-<SigConfirmCertifyV4.0Response>
<SignatureConfirmationNumber>420090949406101699320XXXXXXXXXXX/SignatureConfirmationNumber>
<!-- over 10000 suppressed -->
</SignatureConfirmationLabel>
<ToName>Builder Bob</ToName>
```

<ToFirm>FIRM GHIJKLMNOPQRSTUVWXYZ</ToFirm> <ToAddress1/> <ToAddress2>UNIT 3300</ToAddress2> <ToCity>APO</ToCity> <ToState>AE</ToState> <ToZip5>09094</ToZip5> <ToZip4>3300</ToZip4> <Postnet>09094330099</Postnet> <RDC>0004</RDC> <Postage>5.95</Postage> <Zone>1</Zone> <InsuranceFee>14.65//InsuranceFee> <CarrierRoute>C000</CarrierRoute> <Commitment> <CommitmentName>Military</CommitmentName> <ScheduledDeliveryDate/> </Commitment> </SigConfirmCertifyV4.0Response>

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 (<a href="mailto:uspstechnicalsupport@mailto:uspstech