

Tracking API

Overview

This API allows customers to track any shipment in the system with a tracking number (Pro#) and/or associated information, such as a valid zip code from the shipment or customer account number from our system.

Endpoints

SOAP	https://www.pilotssl.com/pilotpartnertracking.asmx
REST	https://www.pilotssl.com/pilotpartnertracking.aspx
Development	https://www.pilotssl.com/pilotpartnertrackingtest.asmx
WSDL File	https://www.pilotssl.com/pilotpartnertracking.asmx?WSDL

Quicktrack Via Query Strings

The following are Pilot's pre-made tracking pages:

- By Pilot Tracking Number
<https://www.pilotdelivers.com/quicktrack.aspx?Pro=XXXXXXXXX>
XXXXXXXXXX = 9-digit numeric tracking (pro) number
Returns tracking results without consignee and shipper information
- By Pilot Tracking Number + Pilot Account Number
<https://www.pilotdelivers.com/quicktrack.aspx?Pro=XXXXXXXXX&Cust=Y YYYYYYYYYY>
XXXXXXXXXX = 9-digit numeric tracking (a.k.a. Pro) number
YYYYYYYYYYY = 11-digit account (a.k.a. GO) number
Returns tracking results with consignee and shipper information
- By Pilot Tracking Number + Consignee or Shipper Zip Code
<https://www.pilotdelivers.com/quicktrack.aspx?Pro=XXXXXXXXX&Destinationzip=ZZZZZ>
<https://www.pilotdelivers.com/quicktrack.aspx?Pro=XXXXXXXXX&Originzip=ZZZZZ>
XXXXXXXXXX = 9-digit numeric tracking (a.k.a. Pro) number
ZZZZZ = 5-digit US Zip Code
Returns tracking results with consignee and shipper information
- By Reference Number + Pilot Account Number
<https://www.pilotdelivers.com/quicktrack.aspx?Ref=XXXXXXXXXX&Cust=Y YYYYYYYYYY>
XXXXXXXXXX = (Up to 25-digit) alphanumeric reference number
YYYYYYYYYYY = 11-digit account (a.k.a. GO) number
Returns tracking results without consignee and shipper information
- By Reference Number + Pilot Account Number + Consignee or Shipper Zip Code
 - <https://www.pilotdelivers.com/quicktrack.aspx?Ref=XXXXXXXXXX&Cust=Y YYYYYYYYYY&Destinationzip=ZZZZZ>
 - <https://www.pilotdelivers.com/quicktrack.aspx?Ref=XXXXXXXXXX&Cust=Y YYYYYYYYYY&Originzip=ZZZZZ>
 - XXXXXXXXX: (Up to 25-digit) alphanumeric reference number
 - YYYYYYYYYY: 11-digit account (a.k.a. GO) number
 - ZZZZZ: 5-digit US Zip Code
 - Returns tracking results with consignee and shipper information

Getting Started

The following functions can be used:

1. Hello World	Test service connectivity
2. PilotAPITracking	Returns basic tracking information based on Pilot tracking (pro) number, also can be returned from REST endpoint
3. PilotAPIDetailTracking	Returns detailed tracking information based on Pilot tracking (pro) number, also can be returned from REST endpoint. When compared to PilotAPITracking, PilotAPIDetailTracking includes: • line item information • user-generated comments • reference number information • more shipper and consignee address information • service, product, and estimated delivery date
4. PilotAPIDetailTrackingHD	Returns detailed tracking information based on Pilot tracking (pro) number with Home Delivery information
5. PilotAPIReferenceTracking	Returns basic tracking information based on (up to a 25-digit) Reference Number
6. PilotAPIReferenceDetailTrackingHD	Returns detailed tracking information based on (up to a 25-digit) Reference Number with Home Delivery information

2. PilotAPITracking

UserID and Password	Customer CoPilot account email for UserID and CoPilot account password as Password. These credentials can also be supplied by Pilot IT outside of using CoPilot account information.
APIVersion	1 unless otherwise specified
TrackingNumber	9-digit numeric, also called pro number TrackingNumber listed multiple times for each unique tracking number

Request:

```
<soap:Body>
  <PilotAPITracking xmlns="https://www.pilotssl.com">
    <tr>
      <Validation>
        <UserID>string</UserID>
        <Password>string</Password>
      </Validation>
      <APIVersion>float</APIVersion>
      <TrackingNumber>string</TrackingNumber>
      <TrackingNumber>string</TrackingNumber>
    </tr>
  </PilotAPITracking>
</soap:Body>
```

Result:

```
<soap:Body>
  <PilotAPITrackingResponse xmlns="https://www.pilotssl.com">
    <PilotAPITrackingResult xmlns="">
      <APIVersion>float</APIVersion>
      <PackageTrackingInfo>
        <TrackingNumber>string</TrackingNumber>
        <ShipDate>dateTime</ShipDate>
        <PackageShippingLocation>
```

```
<City>string</City>
<StateProvince>string</StateProvince>
<PostalCode>string</PostalCode>
<CountryCode>string</CountryCode>
</PackageShippingLocation>
<PackageDestinationLocation>
  <City>string</City>
  <StateProvince>string</StateProvince>
  <PostalCode>string</PostalCode>
  <CountryCode>string</CountryCode>
</PackageDestinationLocation>
<TrackingEventHistory>
  <TrackingEventDetail xsi:nil="true" />
  <TrackingEventDetail xsi:nil="true" />
</TrackingEventHistory>
</PackageTrackingInfo>
<TrackingErrorInfo>
  <TrackingNumber>string</TrackingNumber>
  <TrackingErrorDetail>
    <ErrorDetailCode>string</ErrorDetailCode>
    <ErrorDetailCodeDesc>string</ErrorDetailCodeDesc>
  </TrackingErrorDetail>
</TrackingErrorInfo>
<TrackingErrorInfo>
  <TrackingNumber>string</TrackingNumber>
  <TrackingErrorDetail>
    <ErrorDetailCode>string</ErrorDetailCode>
    <ErrorDetailCodeDesc>string</ErrorDetailCodeDesc>
  </TrackingErrorDetail>
</TrackingErrorInfo>
</PilotAPITrackingResult>
</PilotAPITrackingResponse>
</soap:Body>
```

TrackingEventHistory is an array of TrackingEventDetail, which is of type EventType.

```
<s:complexType name="EventType">
  <s:sequence>
    <s:element name="EventCode" type="s:string" maxOccurs="1" minOccurs="0"/>
    <s:element name="EventCodeDesc" type="s:string" maxOccurs="1" minOccurs="0"/>
    <s:element name="EventType" type="s:string" maxOccurs="1" minOccurs="0"/>
    <s:element name="EventDateTime" type="s:dateTime" maxOccurs="1"
minOccurs="1"/>
    <s:element name="EventLocation" type="TrackAddressType" maxOccurs="1"
minOccurs="0"/>
    <s:element name="AdditionalLocationInfo" type="s:string" maxOccurs="1"
minOccurs="0"/>
    <s:element name="SignedForByName" type="s:string" maxOccurs="1"
minOccurs="0"/>
  </s:sequence>
</s:complexType>
```

TrackAddressType defines a tracking location.

```
<s:complexType name="TrackAddressType">
  <s:sequence>
    <s:element name="City" type="s:string" maxOccurs="1" minOccurs="0"/>
    <s:element name="StateProvince" type="s:string" maxOccurs="1" minOccurs="0"/>
    <s:element name="PostalCode" type="s:string" maxOccurs="1" minOccurs="0"/>
    <s:element name="CountryCode" type="s:string" maxOccurs="1" minOccurs="0"/>
  </s:sequence>
</s:complexType>
```

VB.Net code example:

```
Public Class Form1
  Dim ws As New pilotssltracking.PilotPartnerTrackingSoapClient

  Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles
    Button1.Click
    Dim RequestSerializer As New
    Xml.Serialization.XmlSerializer(GetType(pilotssltracking.PilotTrackingRequest))
    Dim ResponseSerializer As New
    Xml.Serialization.XmlSerializer(GetType(pilotssltracking.PilotTrackingResponse))
```

```

Dim tr As New pilotssltracking.PilotTrackingRequest
Dim trv As New pilotssltracking.PilotTrackingRequestValidation Dim sNums As String() =
{"064342773", "064081081"}

trv.UserID = "pilot"
trv.Password = "p@ssword"
tr.APIVersion = 1
tr.TrackingNumber = sNums
tr.Validation = trv

Dim xwrite As New Xml.XmlTextWriter("C:\pilotpartnertrackingrequest.xml",
System.Text.Encoding.UTF8) RequestSerializer.Serialize(xwrite, tr)

Dim res As pilotssltracking.PilotTrackingResponse = ws.PilotAPITracking(tr)
Dim xwrite2 As New Xml.XmlTextWriter("C:\pilotpartnertrackingresponse.xml",
System.Text.Encoding.UTF8) ResponseSerializer.Serialize(xwrite2, res)

Me.Close()
End Sub
End Class

```

3. PilotAPIDetailTracking

Request:

```

<soap:Body>
<PilotAPITracking xmlns="https://www.pilotssl.com">
<tr>
<Validation>
<UserID>string</UserID>
<Password>string</Password>
</Validation>
<APIVersion>float</APIVersion>
<TrackingNumber>string</TrackingNumber>
<TrackingNumber>string</TrackingNumber>
</tr>
</PilotAPITracking>
</soap:Body>

```

Result:

```

<soap:Body>
<PilotAPIDetailTrackingResponse xmlns="https://www.pilotssl.com">
<PilotAPIDetailTrackingResult xmlns="">
<APIVersion>float</APIVersion>
<PackageTrackingInfo>
<TrackingNumber>string</TrackingNumber>
<ShipDate>dateTime</ShipDate>
<EstimateDelvDate>dateTime</EstimateDelvDate>
<Service>string</Service>
<Product>string</Product>
<LineItemList>
<LineItemDetail xsi:nil="true" />
<LineItemDetail xsi:nil="true" />
</LineItemList>
<CommentList>
<CommentsDetail xsi:nil="true" />
<CommentsDetail xsi:nil="true" />
</CommentList>
<ReferenceItemList>
<ReferenceItemDetail xsi:nil="true" />
<ReferenceItemDetail xsi:nil="true" />
</ReferenceItemList>
<PackageShipper>
<Name>string</Name>
<Address>string</Address>
<Address2>string</Address2>
<City>string</City>
<StateProvince>string</StateProvince>
<PostalCode>string</PostalCode>
<CountryCode>string</CountryCode>
<PhoneNumber>string</PhoneNumber>
<AirtrakCustNum>int</AirtrakCustNum>
</PackageShipper>
<PackageConsignee>
<Name>string</Name>

```

```
<Address>string</Address>
<Address2>string</Address2>
<City>string</City>
<StateProvince>string</StateProvince>
<PostalCode>string</PostalCode>
<CountryCode>string</CountryCode>
<PhoneNumber>string</PhoneNumber>
<AirtrakCustNum>int</AirtrakCustNum>
</PackageConsignee>
<PackageThirdParty>
  <Name>string</Name>
  <Address>string</Address>
  <Address2>string</Address2>
  <City>string</City>
  <StateProvince>string</StateProvince>
  <PostalCode>string</PostalCode>
  <CountryCode>string</CountryCode>
  <PhoneNumber>string</PhoneNumber>
  <AirtrakCustNum>int</AirtrakCustNum>
</PackageThirdParty>
<TrackingEventHistory>
  <TrackingEventDetail xsi:nil="true" />
  <TrackingEventDetail xsi:nil="true" />
</TrackingEventHistory>
</PackageTrackingInfo>
<TrackingErrorInfo>
  <TrackingNumber>string</TrackingNumber>
  <TrackingErrorDetail>
    <ErrorDetailCode>string</ErrorDetailCode>
    <ErrorDetailCodeDesc>string</ErrorDetailCodeDesc>
  </TrackingErrorDetail>
</TrackingErrorInfo>
<TrackingErrorInfo>
  <TrackingNumber>string</TrackingNumber>
  <TrackingErrorDetail>
    <ErrorDetailCode>string</ErrorDetailCode>
    <ErrorDetailCodeDesc>string</ErrorDetailCodeDesc>
  </TrackingErrorDetail>
</TrackingErrorInfo>
</PilotAPIDetailTrackingResult>
</PilotAPIDetailTrackingResponse>
</soap:Body>
```

TrackingEventHistory is an array of TrackingEventDetail, which is of type EventType.

```
<s:complexType name="EventType">
  <s:sequence>
    <s:element name="EventCode" type="s:string" maxOccurs="1" minOccurs="0"/>
    <s:element name="EventCodeDesc" type="s:string" maxOccurs="1" minOccurs="0"/>
    <s:element name="EventType" type="s:string" maxOccurs="1" minOccurs="0"/>
    <s:element name="EventDateTime" type="s:dateTime" maxOccurs="1" minOccurs="1"/>
    <s:element name="EventLocation" type="TrackAddressType" maxOccurs="1" minOccurs="0"/>
    <s:element name="AdditionalLocationInfo" type="s:string" maxOccurs="1" minOccurs="0"/>
    <s:element name="SignedForByName" type="s:string" maxOccurs="1" minOccurs="0"/>
  </s:sequence>
</s:complexType>
```

TrackAddressType defines a tracking location.

```
<s:complexType name="TrackAddressType">
  <s:sequence>
    <s:element name="City" type="s:string" maxOccurs="1" minOccurs="0"/>
    <s:element name="StateProvince" type="s:string" maxOccurs="1" minOccurs="0"/>
    <s:element name="PostalCode" type="s:string" maxOccurs="1" minOccurs="0"/>
    <s:element name="CountryCode" type="s:string" maxOccurs="1" minOccurs="0"/>
  </s:sequence>
</s:complexType>
```

LineItemList is an array of LineItemDetail, which is of type LineItem.

```
<s:complexType name="LineItem">
  <s:sequence>
    <s:element name="Pieces" type="s:int" maxOccurs="1" minOccurs="1"/>
    <s:element name="WeightLbs" type="s:int" maxOccurs="1" minOccurs="1"/>
  </s:sequence>
</s:complexType>
```

```
<s:element name="Length" type="s:int" maxOccurs="1" minOccurs="1"/>
<s:element name="Width" type="s:int" maxOccurs="1" minOccurs="1"/>
<s:element name="Height" type="s:int" maxOccurs="1" minOccurs="1"/>
<s:element name="Type" type="s:string" maxOccurs="1" minOccurs="0"/>
<s:element name="Description" type="s:string" maxOccurs="1" minOccurs="0"/>
</s:sequence>
</s:complexType>
```

CommentList

```
<s:complexType name="Comment">
  <s:sequence>
    <s:element name="ID" type="s:int" maxOccurs="1" minOccurs="1"/>
    <s:element name="Text" type="s:string" maxOccurs="1" minOccurs="0"/>
    <s:element name="EnteredBy" type="s:string" maxOccurs="1" minOccurs="0"/>
    <s:element name="EnteredDate" type="s:dateTime" maxOccurs="1" minOccurs="1"/>
  </s:sequence>
</s:complexType>
```

ReferenceltemList is an array of ReferenceltemDetail, which is of type Referenceltem.

- Reference Type C: Consignee
- Reference Type S: Shipper

```
<s:complexType name="ReferenceItem">
  <s:sequence>
    <s:element name="ReferenceNumber" type="s:string" maxOccurs="1" minOccurs="0"/>
    <s:element name="ReferenceType" type="s:string" maxOccurs="1" minOccurs="0"/>
  </s:sequence>
</s:complexType>
```

VB.Net code example:

```
Public Class Form2
  Dim ws As New pilotssltracking.PilotPartnerTrackingSoapClient

  Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
    System.EventArgs) Handles Button1.Click
    Dim RequestSerializer As New
      Xml.Serialization.XmlSerializer(GetType(pilotssltracking.PilotTrackingRequest))
    Dim DetailResponseSerializer As New
      Xml.Serialization.XmlSerializer(GetType(pilotssltracking.PilotDetailTrackingResponse))
    Dim tr As New pilotssltracking.PilotTrackingRequest
    Dim trv As New pilotssltracking.PilotTrackingRequestValidation
    Dim sNums As String() = {"064342773", "064081081"}

    trv.UserID = "pilot"
    trv.Password = "p@ssword"
    tr.APIVersion = 1
    tr.TrackingNumber = sNums
    tr.Validation = trv

    Dim xwrite As New Xml.XmlTextWriter("C:\pilotpartnertrackingrequest.xml",
      System.Text.Encoding.UTF8)
    RequestSerializer.Serialize(xwrite, tr)

    Dim detail_res As pilotssltracking.PilotDetailTrackingResponse = ws.PilotAPIDetailTracking(tr)
    Dim xwrite3 As New Xml.XmlTextWriter("C:\pilotpartnerdetailtrackingresponse.xml",
      System.Text.Encoding.UTF8)
    DetailResponseSerializer.Serialize(xwrite3, detail_res)

    Me.Close()
  End Sub
End Class
```

4. PilotAPIDetailTrackingHD

- Request: Same as **3** abovePilotAPIDetailTracking request.
- Result: Similar to **3** abovePilotAPIDetailTracking result with the addition of fields <AppointmentStartDate /> and <AppointmentEndDate /> .

5. PilotAPIReferenceTracking

- Request: Similar to **2. PilotAPITracking** request, but instead of a Pilot tracking (pro) number, enter the reference number that appears on the shipment.
- Result: Same as **2. PilotAPITracking** result.

6. PilotAPIReferenceDetailTrackingHD

- Request: Similar to **3. PilotAPIDetailTracking** request, but instead of a Pilot tracking (pro) number, enter the reference number that appears on the shipment.
- Result: Same as **3. PilotAPIDetailTracking** result.

Glossary

Term	Description
HAWB (House Air Way Bill)	Shipment number
zipcode	ZIP code associated with the HAWB. If left blank, it does not return the HAWB document.
LabelType	Returns the label type
GEN	General; applies to all shipments
HD	Home Delivery
EXC	Exception

Event Statuses

Code	Description	Type
ALR	DEPARTED PILOT LOCATION	GEN
APT	APPOINTMENT SCHEDULED	HD
ARP	ARRIVED AT DEST PORT	GEN
BRD	BOOKING ROLLED	GEN
CEH	CUSTOMS EXAM HOLD	GEN
COB	CONFIRMED ON BOARD	GEN
CON1	NO ANSWER	HD
CON2	LEFT MESSAGE	HD
CTC	AWAITING CONTACT	HD
DAP	DELIVERY APPOINTMENT SCHEDULED	HD
DEL	DELIVERED	GEN
DHC	DESTINATION HOLD CNEE PICK UP	GEN
DLY	PACKAGE DELAYED	EXC
DNH	DEPARTED PILOT NET HUB	GEN
DRA	DRAYED	GEN
DTB	DOCUMENTS TURNED OVER TO BROKER	GEN
EXC1	NOT HOME UPON DELIVERY	EXC
EXC10	BAD ADDRESS	EXC
EXC13	RECONSIGNED/REROUTED	EXC
EXC15	CONSIGNEE NOT READY FOR DELIVERY	EXC
EXC16	LOST	EXC
EXC17	CONSIGNEE REFUSED	EXC
EXC2	MISSED DELIVERY	EXC
EXC21	BAD PHONE NUMBER	EXC
EXC24	NO PHONE NUMBER PROVIDED	EXC
EXC5	CONSIGNEE RESCHEDULED APPOINTMENT	EXC
EXC6	CONSIGNEE CANCELLED ORDER	EXC

Code	Description	Type
EXC7	CONSIGNEE CANCELLED APPOINTMENT	EXC
EXC8	UNABLE TO CONTACT CONSIGNEE	EXC
IBN	BROKER NOTIFIED	GEN
ICC	CUSTOMS CLEARANCE INITIATED	GEN
IDR	DOCUMENTS RECOVERED	GEN
IDS	DELIVERY SCHEDULED	GEN
IIB	INITIAL BOOKING	GEN
ING	INLAND TO GATEWAY	GEN
IRS	RELEASED FROM CUSTOMS	GEN
IUB	UPDATED BOOKING	GEN
IWP	WAITING FOR PICKUP	GEN
NEW	SHIPMENT INFORMATION SENT TO PILOT	GEN
NSH	NOT RECEIVED AT PILOT HUB	EXC
OFD	OUT FOR DELIVERY	GEN
PRE	PRE-CALL	HD
PRE1	PRE-EMAIL	HD
PU	PICKED UP	GEN
PUA	PICKUP SCHEDULED	GEN
RAG	RECOVERED AT DEST - BYND AGENT	GEN
REV	ARRIVED AT PILOT LOCATION	GEN
RNH	RECEIVED AT PILOT NET HUB	GEN
RSH	RECOVERED AT DEST - SHORT	EXC
SLD	SAILED	GEN
SRC	SHIPMENT RELEASED FROM CUSTOMS	GEN
TDP	TENDERED AT PORT	GEN
THD	TRANSFERRED TO HDA BY DEST	HD
TRN	TRANSFERRED TO BEYOND AGENT	GEN
TSD	TRANSHIP DELAY	GEN
TSP	TRANSHIPPED	GEN
VSD	VESSEL DELAY	GEN
XML	SHIPMENT INFORMATION SENT TO PILOT	GEN
XXX	CONSIGNEE CANCELLED ORDER	EXC