

Last updated: 5/3/2022

Overview

This API allows customers to integrate their systems with Pilot Freight Services' systems for generating shipment documentation electronically.

Getting Started

The following functions can be used:

Function	Description
HelloWorld	Industry standard function to test service connectivity or wake the service before calling other functions to get the best performance results from the other functions.
GetProFromMHLLabelNum	Used to get a Pilot Pro # value from the known MAWB (Master Airway Bill) or HAWB (House Airway Bill) label number provided.
HAWBDocument	Used to get the HAWB document for the given shipment.
HAWB Label	Used to get a label type document for the given shipment and given label type. Requires a Pilot Pro # and one of the Zipcodes found on the shipment.

Error Codes

Error codes are formatted the same way with the ErrorMessage changing. The DataLength will always be 0. In the case of an error response, the DataStream_Byte field will not be present. HAWBDocument and HAWBLabel are the only two functions that could return error codes, which are described here:

Function	Description
HAWBDocument	Print pro request not available at this time.
HAWB Label	Unable to load the hawb XXXXXXXXXX. (The X's represent the HAWB number provided)

Error Response

```
<?xml version="1.0" encoding="UTF-8"?>
<dsReturnStream xmlns="http://tempuri.org/">
  <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
    xmlns="http://tempuri.org/dsReturnStream.xsd" xmlns:msdata="urn:schemas-microsoft-com:xml-msdata"
    xmlns:mstns="http://tempuri.org/dsReturnStream.xsd" id="dsReturnStream"
    targetNamespace="http://tempuri.org/dsReturnStream.xsd"
    attributeFormDefault="qualified" elementFormDefault="qualified">
    <xs:element name="dsReturnStream" msdata:IsDataSet="true"
      msdata:Locale="en-US">
      <xs:complexType>
        <xs:choice minOccurs="0" maxOccurs="unbounded">
          <xs:element name="ReturnData">
            <xs:complexType>
              <xs:sequence>
                <xs:element name="ErrorMessage" type="xs:string"
minOccurs="0" />
                <xs:element name="DataStream_Byte"
type="xs:base64Binary" minOccurs="0" />
                <xs:element name="DataLength" type="xs:int"
default="0" minOccurs="0" />
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        </xs:choice>
      </xs:element>
    </xs:schema>
  </dsReturnStream>
</dsReturnStream>
```

```
</xs:complexType>
</xs:element>
</xs:choice>
</xs:complexType>
</xs:element>
</xs:schema>
<diffgr:diffgram xmlns:diffgr="urn:schemas-microsoft-com:xml-diffgram-v1"
xmlns:msdata="urn:schemas-microsoft-com:xml-msdata">
  <dsReturnStream xmlns="http://tempuri.org/dsReturnStream.xsd">
    <ReturnData diffgr:id="ReturnData1" msdata:rowOrder="0">
diffgr:hasChanges="inserted">
      <ErrorMessage></ErrorMessage>
      <DataStream_Byte></DataStream_Byte>
      <DataLength></DataLength>
    </ReturnData>
  </dsReturnStream>
</diffgr:diffgram>
</dsReturnStream>
```

Endpoints

Live

<https://pilotws.pilotdelivers.com/copilotforms/wsforms.asmx>

Dev/Test

https://pilotws.pilotdelivers.com/copilotforms_dev/wsforms.asmx

WSDL

<https://pilotws.pilotdelivers.com/copilotforms/wsforms.asmx?WSDL>

Data Format

HelloWorld and GetProFromMHLabelNum

```
<string xmlns="http://tempuri.org/"></string>
```

HAWBDocument and HAWBLabel

As seen in [Error Response](#), the success/error responses are formatted the same way for both.

Resources

Retrieving Data

HelloWorld

<https://pilotws.pilotdelivers.com/copilotforms/wsforms.asmx?op=HelloWorld>

GetProFromMHLabelNum

<https://pilotws.pilotdelivers.com/copilotforms/wsforms.asmx?op=GetProFromMHLabelNum>

HAWBDocument

<https://pilotws.pilotdelivers.com/copilotforms/wsforms.asmx?op=HAWBDocument>

HAWBLabel

<https://pilotws.pilotdelivers.com/copilotforms/wsforms.asmx?op=HAWBLabel>