



Web Services 2021

# Technical What's New Guide



## Table of Contents

<b>1 Revised Surcharges for High-Cost Service Areas .....</b>	<b>8</b>
1.1 Surcharge Updates.....	8
<b>2 FedEx International Services .....</b>	<b>13</b>
2.1 FedEx International Connect Plus™ (FICP).....	13
2.2 FedEx International Priority® Express (2A).....	13
2.3 FedEx International Priority® (2P) .....	14
2.4 FedEx Regional Economy® .....	15
2.5 FedEx Regional Economy® Freight .....	16
<b>3 United Kingdom International Shipment.....</b>	<b>18</b>
3.1 United Kingdom International Priority Distribution (IPD) rules.....	18

---

**List of Tables**

Table 1: Surcharge Type.....8

Table 2: Sample transactions for updated Surcharge Types..... 10

Table 3. Shipment clearance reference..... 18

---

**List of Figures**

Figure 1: Label for FedEx International Priority Express..... 14

Figure 2: Label for FedEx International Priority..... 15

# Legal and Copyright Notices

## Confidential and Proprietary

The information contained in this guide is confidential and proprietary to FedEx Corporate Services, Inc. and its affiliates (collectively “FedEx”). No part of this guide may be distributed or disclosed in any form to any third party without written permission of FedEx. This guide is provided to you and its use is subject to the terms and conditions of the FedEx Automation Agreement. The information in this document may be changed at any time without notice. Any conflict between this guide, the FedEx Automation Agreement and the *FedEx Service Guide* will be governed by the FedEx Automation Agreement and the *FedEx Service Guide*, in that order.

© 2020–2021 FedEx. FedEx and the FedEx logo are registered service marks. All rights reserved.

## Payment

You must remit payment in accordance with the *FedEx Service Guide*, tariff, service agreement or other terms or instructions provided to you by FedEx from time to time. You may not withhold payment on any shipments because of equipment failure or for the failure of FedEx to repair or replace any equipment.

## Inaccurate Invoices

If you generate an inaccurate invoice, FedEx may bill or refund to you the difference according to the *FedEx Service Guide*, tariff service agreement or other terms or instructions provided to you by FedEx from time to time. A request for refund on a FedEx shipment must be made in accordance with the applicable Service Guide or terms or instructions provided by FedEx from time to time. A shipment given to FedEx with incorrect information is not eligible for refund under any FedEx money-back guarantee. FedEx may suspend any applicable money-back guarantee in the event of equipment failure or if it becomes inoperative.

## Disclaimer

All Improper Transaction scenarios are for example only. They do not reflect all error condition scenarios.

# About This Guide

This guide describes how to integrate with FedEx Web Services. It is written for the application developer who uses web services to design and deploy applications enabled by FedEx. It describes how to get started with application development and how to use the Application Programming Interface (API). It also describes each available service in addition to the business logic that drives each FedEx process.

## Document Organization

Each web service provides access to FedEx features. The service description includes service details and a full schema listing to facilitate application development.

## Resources

- FedEx Developer Resource Center: [fedex.com/developer](https://fedex.com/developer)
- FedEx Services At-a-Glance: [fedex.com/us/services](https://fedex.com/us/services)
- FedEx Service Guide available at [fedex.com/us/service-guide](https://fedex.com/us/service-guide)
- World Wide Web Consortium XML: [w3.org/XML/](https://www.w3.org/XML/)
- World Wide Web Consortium XML Schema: [w3.org/XML/Schema](https://www.w3.org/XML/Schema)
- Microsoft Web Services: [msdn.microsoft.com/en-us/library/ms950421.aspx](https://msdn.microsoft.com/en-us/library/ms950421.aspx)
- O'Reilly XML.com: [xml.com](https://xml.com)
- Secure Socket Layer Certificates: [fedex.com/us/developer/downloads/dev\\_cert.zip](https://fedex.com/us/developer/downloads/dev_cert.zip)
- Web Services organization home page: [w3.org/2000/xp/Group/](https://www.w3.org/2000/xp/Group/)

## Support

If you have questions or need technical assistance:

- United States and Canada: call 1.877.339.2774. Support hours are 7 a.m. to 9 p.m. CT Monday through Friday and 9 a.m. to 3 p.m. CT Saturday.
- Europe: email [emeawebsservices@fedex.com](mailto:emeawebsservices@fedex.com)
- The Indian Subcontinent, the Middle East and Africa: email [meisawebsservices@fedex.com](mailto:meisawebsservices@fedex.com)
- Asia-Pacific: email [apacwebsservices@fedex.com](mailto:apacwebsservices@fedex.com)
- Brazil: email [ct-brazil@corp.ds.fedex.com](mailto:ct-brazil@corp.ds.fedex.com)
- The rest of Latin America and the Caribbean: [click here](#) for your country's dedicated support phone number.

Customers using a FedEx® Compatible Solutions Program automation solution should contact their software provider for support.

# 1 Revised Surcharges for High-Cost Service Areas

Effective Jan 2021, a surcharge will apply to any Express and Ground package that measures greater than 105 inches in length and girth.

*Note: 150 inches -The length and girth are length plus (two times the height) plus (two times the width).*

The Surcharges applies to any package with the following criteria:

- Measures greater than 48 inches along its longest side
- Measures greater than 30 inches along its second-longest side (Weight)
- Actual weight greater than 50 lbs. (FedEx U.S. Express Package Services and U.S. Ground Services)
- Actual weight greater than 70 lbs. (FedEx International Express Package Services and International Ground Services)
- Measures greater than 105 inches in length and girth — the length and girth is length plus (two times the height) plus (two times the width)

For FedEx Freight surcharge for high-cost service areas, the surcharge will apply to any shipment that is not rated on the below list of transportation rates, if the origin ZIP code and/or the destination ZIP code of the shipment are on a select list of U.S. ZIP codes.

*Note: Current FXF PZONE, FXF EZONE, FXF 1000, FXF 501 base rates in effect at the time of shipping*

See the list of select U.S. ZIP codes where a High-Cost Service Area for the list of applicable Surcharges - [High Cost Service Area Surcharge — tiers by ZIP code](#)

## 1.1 Surcharge Updates

### 1.1.1 Surcharges

New values are added to the following methods with Surcharge Type.

**Table 1: Surcharge Type**

Method Name	Update	Applicable WSDLs
Reply: <ul style="list-style-type: none"><li>• Crs: RateReply</li></ul>	New enumerations added HIGH_COST_SERVICE_AREA_ORIGIN	Rate Service Open Ship Service



Method Name	Update	Applicable WSDLs
<ul style="list-style-type: none"> <li>OpenShip: AddPackagesToOpenShipmentReply</li> <li>OpenShip: ConfirmConsolidationReply</li> <li>OpenShip: CreateOpenShipmentReply</li> <li>OpenShip: DeletePackagesFromOpenShipmentReply</li> <li>OpenShip: GetConfirmConsolidationResultsReply</li> <li>OpenShip: GetCreateOpenShipmentResultsReply</li> <li>OpenShip: GetModifyOpenShipmentResultsReply</li> <li>OpenShip: ModifyOpenShipmentReply</li> <li>OpenShip: ModifyPackageInOpenShipmentReply</li> <li>Ship: ProcessShipmentReply</li> <li>Ship: ProcessTagReply</li> <li>Ifss: ProcessDeliveryReply</li> </ul> <p>Request:</p> <ul style="list-style-type: none"> <li>Cdus: UploadDocumentsWithShipmentDataRequest</li> </ul>	HIGH_COST_SERVICE_AREA_DESTINATION	Ship Service Electronic Trade Documents service, and In-flight Shipment Service

**Table 2: Sample transactions for updated Surcharge Types**

Request	Reply
<pre> &lt;soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns="http://fedex.com/ws/openship/v20"&gt;   &lt;soapenv:Header/&gt;   &lt;soapenv:Body&gt;     &lt;AddPackagesToOpenShipmentRequest&gt;       &lt;WebAuthenticationDetail&gt;         &lt;ParentCredential&gt;           &lt;Key&gt;INPUT YOUR INFORMATION&lt;/Key&gt;           &lt;Password&gt;INPUT YOUR INFORMATION&lt;/Password&gt;         &lt;/ParentCredential&gt;         &lt;UserCredential&gt;           &lt;Key&gt;INPUT YOUR INFORMATION&lt;/Key&gt;           &lt;Password&gt;INPUT YOUR INFORMATION&lt;/Password&gt;         &lt;/UserCredential&gt;       &lt;/WebAuthenticationDetail&gt;       &lt;ClientDetail&gt;         &lt;AccountNumber&gt;INPUT YOUR INFORMATION&lt;/AccountNumber&gt;         &lt;MeterNumber&gt;INPUT YOUR INFORMATION&lt;/MeterNumber&gt;         &lt;Localization&gt;           &lt;LanguageCode&gt;EN&lt;/LanguageCode&gt;           &lt;LocaleCode&gt;en&lt;/LocaleCode&gt;         &lt;/Localization&gt;       &lt;/ClientDetail&gt;       &lt;TransactionDetail&gt;         &lt;CustomerTransactionId&gt;AddPackagesToOpenShipment Request&lt;/CustomerTransactionId&gt;       &lt;/TransactionDetail&gt;     &lt;/AddPackagesToOpenShipmentRequest&gt;   &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt; </pre>	<pre> &lt;SOAP-ENV:Envelope xmlns:SOAP- ENV="http://schemas.xmlsoap.org/soap/envelope/"&gt;   &lt;SOAP-ENV:Header/&gt;   &lt;SOAP-ENV:Body&gt;     &lt;AddPackagesToOpenShipmentReply xmlns="http://fedex.com/ws/openship/v20"&gt;       &lt;HighestSeverity&gt;SUCCESS&lt;/HighestSeverity&gt;       &lt;Notifications&gt;         &lt;Severity&gt;SUCCESS&lt;/Severity&gt;         &lt;Source&gt;ship&lt;/Source&gt;         &lt;Code&gt;0000&lt;/Code&gt;         &lt;Message&gt;Success&lt;/Message&gt;       &lt;/Notifications&gt;       &lt;LocalizedMessage&gt;Success&lt;/LocalizedMessage&gt;       &lt;TransactionDetail&gt;         &lt;CustomerTransactionId&gt;AddPackagesToOpenShipment Request&lt;/CustomerTransactionId&gt;         &lt;Localization&gt;           &lt;LanguageCode&gt;EN&lt;/LanguageCode&gt;           &lt;LocaleCode&gt;en&lt;/LocaleCode&gt;         &lt;/Localization&gt;       &lt;/TransactionDetail&gt;       &lt;Version&gt;         &lt;ServiceId&gt;ship&lt;/ServiceId&gt;         &lt;Major&gt;20&lt;/Major&gt;         &lt;Intermediate&gt;0&lt;/Intermediate&gt;         &lt;Minor&gt;0&lt;/Minor&gt;       &lt;/Version&gt;       &lt;JobId&gt;f0j2430e27db3163s0502053&lt;/JobId&gt;       &lt;CompletedShipmentDetail&gt; </pre>

Request	Reply
<pre>       &lt;Localization&gt;         &lt;LanguageCode&gt;EN&lt;/LanguageCode&gt;         &lt;LocaleCode&gt;en&lt;/LocaleCode&gt;       &lt;/Localization&gt;     &lt;/TransactionDetail&gt;     &lt;Version&gt;       &lt;ServiceId&gt;ship&lt;/ServiceId&gt;       &lt;Major&gt;20&lt;/Major&gt;       &lt;Intermediate&gt;0&lt;/Intermediate&gt;       &lt;Minor&gt;0&lt;/Minor&gt;     &lt;/Version&gt;     &lt;Index&gt;Key985&lt;/Index&gt;     &lt;RequestedPackageLineItems&gt;       &lt;SequenceNumber&gt;3&lt;/SequenceNumber&gt;       &lt;GroupNumber&gt;1&lt;/GroupNumber&gt;  &lt;GroupPackageCount&gt;2&lt;/GroupPackageCount&gt;   &lt;Weight&gt;     &lt;Units&gt;LB&lt;/Units&gt;     &lt;Value&gt;20.00&lt;/Value&gt;   &lt;/Weight&gt;   &lt;Dimensions&gt;     &lt;Length&gt;11&lt;/Length&gt;     &lt;Width&gt;11&lt;/Width&gt;     &lt;Height&gt;11&lt;/Height&gt;     &lt;Units&gt;IN&lt;/Units&gt;   &lt;/Dimensions&gt;  &lt;PhysicalPackaging&gt;BAG&lt;/PhysicalPackaging&gt;   &lt;ItemDescription&gt;It is Simple Package.&lt;/ItemDescription&gt;   &lt;ContentRecords&gt;     &lt;PartNumber&gt;1&lt;/PartNumber&gt;     &lt;ItemNumber&gt;1&lt;/ItemNumber&gt; </pre>	<pre>       &lt;UsDomestic&gt;true&lt;/UsDomestic&gt;       &lt;CarrierCode&gt;FDXE&lt;/CarrierCode&gt;       &lt;MasterTrackingId&gt;  &lt;TrackingIdType&gt;FEDEX&lt;/TrackingIdType&gt;   &lt;FormId&gt;0201&lt;/FormId&gt;   &lt;TrackingNumber&gt;INPUT YOUR INFORMATION&lt;/TrackingNumber&gt;   &lt;/MasterTrackingId&gt;   &lt;CompletedPackageDetails&gt;  &lt;SequenceNumber&gt;3&lt;/SequenceNumber&gt;   &lt;TrackingIds&gt;  &lt;TrackingIdType&gt;FEDEX&lt;/TrackingIdType&gt;   &lt;FormId&gt;0263&lt;/FormId&gt;  &lt;TrackingNumber&gt;794999188471&lt;/TrackingNumber&gt;   &lt;/TrackingIds&gt;   &lt;GroupNumber&gt;0&lt;/GroupNumber&gt;   &lt;/CompletedPackageDetails&gt;   &lt;CompletedPackageDetails&gt;  &lt;SequenceNumber&gt;4&lt;/SequenceNumber&gt;   &lt;TrackingIds&gt;  &lt;TrackingIdType&gt;FEDEX&lt;/TrackingIdType&gt;   &lt;FormId&gt;0263&lt;/FormId&gt;  &lt;TrackingNumber&gt;794999188482&lt;/TrackingNumber&gt;   &lt;/TrackingIds&gt;   &lt;GroupNumber&gt;0&lt;/GroupNumber&gt;   &lt;/CompletedPackageDetails&gt; &lt;/CompletedShipmentDetail&gt; </pre>

Request	Reply
<pre>&lt;ReceivedQuantity&gt;1&lt;/ReceivedQuantity&gt;   &lt;Description&gt;It is Simple Package.&lt;/Description&gt;   &lt;/ContentRecords&gt;   &lt;/RequestedPackageLineItems&gt; &lt;/AddPackagesToOpenShipmentRequest&gt; &lt;/soapenv:Body&gt; &lt;/soapenv:Envelope&gt;</pre>	<pre>&lt;/AddPackagesToOpenShipmentReply&gt; &lt;/SOAP-ENV:Body&gt; &lt;/SOAP-ENV:Envelope&gt;</pre>

## 2 FedEx International Services

### 2.1 FedEx International Connect Plus™ (FICP)

A new FedEx International Connect Plus™ is a contractual service which offers shipping options with varying prices which are less expensive and similar to FedEx International Priority® service.

To request this service, send ServiceType value as **FEDEX\_INTERNATIONAL\_CONNECT\_PLUS**.

#### 2.1.1 Features & Benefits:

- Offers door-to-delivery, customs-cleared delivery options
- Typically delivering in 2-5 business days
- Accommodates lower-weight pieces (ideally below 70 lbs.)
- Shipment is redirected to an alternate location for customers to collect at their convenience if the delivery attempt is unsuccessful
- No residential delivery surcharge
- Service is available through latest FedEx automation platforms and many FedEx certified solution providers
- Only contractually available in select markets
- No money back guarantee
- Provides near to real-time tracking and notification options throughout the shipping journey

### 2.2 FedEx International Priority® Express (2A)

This is a new international mid-day timed commitment, customs-cleared, door-to-door (DTD) delivery service. Delivery is typically in 1 - 3 business days, backed up by the FedEx Money-Back Guarantee (MBG).

To request this service, send ServiceType value as **FEDEX\_INTERNATIONAL\_PRIORITY\_EXPRESS**.

#### 2.2.1 Features & Benefits:

- Fast and reliable delivery
- Delivery typically occurs in 1 to 3 business days
- Shipment delivery standard is by noon, in 2 business days to dozens of cities
- Overnight delivery from major cities in Europe, Middle East, Asia, Mexico and South America to many U.S. cities

- Package weight up to 68 kilograms or 150 pounds
- More control over delivery commitment
- Flexibility for recipients to manage inbound volume arrival
- Greater choice of timed options for international express parcel services

### 2.2.2 Label Identification

'IP EXP' is displayed on label when FedEx International Priority Express service is selected.



**Figure 1: Label for FedEx International Priority Express.**

## 2.3 FedEx International Priority® (2P)

This is a new international end of the day timed commitment, customs-cleared, door-to-door (DTD) delivery service. Delivery is typically in 1 - 3 business days, backed up by the FedEx Money-Back Guarantee (MBG).

### 2.3.1 Features & Benefits:

- Reliable delivery

- More control over delivery commitment
- Flexibility for recipients to manage inbound volume arrival
- Greater choice of timed options for international express parcel services
- Next day 4:30 p.m. delivery to majority of U.S. key business centers available from EuroOne origins in number of European markets
- Late bundled pickup time for parcel shipments to the US and elsewhere
- Improved Europe to U.S. value proposition

To request this service, send ServiceType value as **FEDEX\_INTERNATIONAL\_PRIORITY**.

### 2.3.2 Label Identification

'IP EOD' is displayed on label when FedEx International Priority service is selected.



**Figure 2: Label for FedEx International Priority.**

## 2.4 FedEx Regional Economy®

FedEx Regional Economy is an intra-regional parcel service available in select Europe countries which provides end of the day delivery, with price similar to ground shipping charges.

### 2.4.1 Features & Benefits:

- Provides delivery typically in 3 to 4 business days for Europe destinations.
- Available in 22 European countries as both origins and destinations.
- Offers door-to-door service and day definite delivery commitment.
- Service days are Monday through Friday, with Saturday delivery available to regions where Saturday is a regular business day.
- FedEx International Saturday is applicable based on region.
- Not applicable for diesel-based fuel surcharge, different DIM factor of 4000
- No money back guarantee
- No FedEx branded packaging
- No manual/paper Air Waybill (AWB).
- No FedEx packaging will be available, only customer packaging is supported.

To request this service, send ServiceType value as **FEDEX\_REGIONAL\_ECONOMY**.

### 2.4.2 Label Identification

'**RGNL ECONOMY**' is displayed on label when FedEx Regional Economy service is selected.

## 2.5 FedEx Regional Economy® Freight

FedEx Regional Economy® Freight is an intra-regional freight service available in select Europe countries which provides end of the day delivery.

To request this service, send ServiceType value as **FEDEX\_REGIONAL\_ECONOMY\_FREIGHT**.

### 2.5.1 Features & Benefits:

- Provides time-definite service, typically within 5 business days, with flexible pickup and delivery options
- Service days are Monday through Friday, with Saturday delivery available to countries where Saturday is a regular business day
- End of the day delivery commitment based on location
- No FedEx packaging will be available, only customer packaging is supported
- Skid or package size and weight: Exceeding 70" in height or 119" in length or 80" in width. Individual packages and/or skids greater than 151 lbs. Skids weighing in excess of 2,200 lbs. require prior approval by FedEx.
- The following special services are allowed. The services depends on the destination location and additional handling changes will be applicable.



- FedEx International Broker
  - Hold at Location
  - Dangerous Goods
  - Dry Ice Shipments.
- Business Rules applicable for FedEx Regional Economy® Freight Service:
  - Service days are Monday through Friday, with Saturday delivery available to regions where Saturday is a regular business day.
  - FedEx International Saturday is applicable based on region.
  - Not applicable for diesel-based fuel surcharge
  - Different DIM factor of 4000
  - No money back guarantee
  - No FedEx branded packaging
  - No manual/paper AWB.
- No FedEx packaging will be available, only customer packaging is supported.

### 2.5.2 Label Identification

'**RGNL ECON FRT**' is displayed on label when FedEx Regional Economy Freight service is selected.

Note: The service availability and exact delivery time depend on enablement, origin and destination postal codes. Terms and Conditions apply. Contact your FedEx support representative for enablement and more information.

### 3 United Kingdom International Shipment

The United Kingdom (UK) is no longer part of European Union (EU). It conducts trade with EU countries under World Trade Organization (WTO) terms (as is the case with many other countries). The goods shipped between UK to one of the 27 EU member countries is customs controlled.

**Table 3. Shipment clearance reference**

Shipping Origin & Destination	Shipping Rules
Northern Ireland(NI) to mainland UK	No Clearance Required
UK to Northern Ireland(NI)	No Clearance Required
Northern Ireland(NI) to EU	<b>Clearance Required</b>
EU to Northern Ireland(NI)	<b>Clearance Required</b>
Northern Ireland(NI) to Rest of the World & Rest of the World to Northern Ireland(NI)	No Change
UK to EU	<b>Clearance Required</b>
EU to UK	<b>Clearance Required</b>

#### 3.1 United Kingdom International Priority Distribution (IPD) rules

- United Kingdom (UK) is no more an International Priority Distribution single point of clearance (SPOC) for European Union (EU) countries. As a result, rules are applicable to customers shipping from UK to EU.
- Northern Ireland remains as part of the UK and maintains an open border with the Republic of Ireland, which is part of the Europe. As a result, IPD shipments to EU cannot include packages to Northern Ireland.

**Clearance and shipment rules:**

- Shipments between mainland United Kingdom (UK)/Great Britain (GB) postcode/zip-code to a Northern Ireland (NI) postcode requires a customs declaration document.
- Shipment from Northern Ireland (NI) to Republic of Ireland allow free circulation of goods.
- Customers can use the below shipment options to ship to Northern Ireland:

- FedEx International Priority® (IP) - For delivery within 1, 2, or 3 business days.
- FedEx International Economy® (IE) - For delivery within 2–5 business days.