

What's New in v 8.4.6

FedEx Ship Manager® Server (FSMS) v 8.4.6 offers a variety of new and improved features to simplify your shipping needs and speed up your processing time.

Pricing Change for FedEx Express and FedEx Ground

With the 8.4.6 release, FedEx Ground® and FedEx Home Delivery® services will use a dimensional weight to calculate pricing for all U.S. shipments. Certain FedEx clients may continue to use the current oversize rating logic.

FedEx Express® services will begin to use an oversize package rating logic that is based on the greater of the package's actual rounded weight or the dimensional weight. To implement the change, the current minimum billable weight (MBW) will be replaced with a zero (0) at the customer level. This effectively eliminates the MBW comparison that is used to calculate the rate today. The Oversize charge will increase from \$30 to \$40 (USD) with the implementation of this change.

The above pricing changes will be implemented for the following areas and include Transborder Distribution (TD) and Multiweight services:

- U.S. to U.S. (50 states)
- U.S. to Puerto Rico
- U.S. to Canada (International)

Earned Discount Rates

Version 8.4.6 now allows Server customers to receive rate quotes that include their account-specific earned discount rates. The more services a customer uses and the higher the level of actual revenue, the better discounts the customer earns.

Rate, Route, and Transit Times for Delivery

FSMS customers can request the date when FedEx Express®, FedEx Ground® /FedEx Home Delivery® expects a package to be delivered based on a given service and destination for Domestic and International U.S. and Canada shipments.



Open Ship Print-As-You-Go (PAYG)

FSMS 8.4.6 allows Open Ship customers to print a label "as you go" when performing shipping. This service is available for Domestic shipping within the United States and applies to US Domestic Express, including US Domestic Express C.O.D., and US Domestic Ground.

FedEx Ground Enhancements

Shipment Validation Prior to Confirm

For FedEx Ground® and FedEx Home Delivery® shipments, FSMS is now able to validate the shipment prior to confirming it.

Future Day Shipping Extension

FSMS now gives the option of extending FedEx Ground Future Day shipping from 90 up to 120 days.

FedEx Express® International Enhancements

Expanded Origins and Destinations

FSMS now supports the latest expanded origin/destination pairs for FedEx International Priority® Freight (IPF) and FedEx International Economy® Freight (IEF).

IPD Multi-port Routing Determination

FedEx International Express® customers who use FedEx International Priority DirectDistribution® (IPD) Multi-port end destination routing can now determine the route prior to custom label generation.

New FedEx Europe First® Service to Eastern Europe

FedEx offers FedEx Europe First® (FEF) to and from Eastern Europe and has opened outbound shipping to Czech Republic (CZ), Poland (PL), Hungary (HU), and Slovak Republic (SK).

FedEx Express Freight Service Areas

The following enhancements have been made to FedEx Express Freight service areas:

- New service areas have been added: H0, H4, H5, H6, and H7—available for the U.S. market for domestic F1, F2, and F3 including TD and IPF/IEF Puerto Rico/U.S. inbound/outbound.
- Appropriate surcharges now display in the rate quote for pickup and delivery to these new service areas.
- Pick up and Delivery surcharges have been removed for H3.
- Money Back Guarantee is expanded for H3, H4, and H6.
- Money Back Guarantee commitment is allowed for H0 (door-to-door delivery) and to H7 (ramp-to-ramp delivery).
- Expansion of F1 and IPF will include to and from Oahu, Hawaii.

FedEx International Ground Distribution

FSMS 8.4.6 includes two new distribution services from the U.S. to Canada. These services consolidate FedEx Ground® shipments to Canadian destinations and streamline the customs clearance process. The two new distribution services are described below.

FedEx International Ground Distribution (IGD)

For shippers with a U.S. based FedEx® account and a facility within Canada, IGD is a drop-ship option for US to Canada shipments. Using IGD, the shipper arranges delivery of their consolidated shipment to a FedEx Ground® hub in Canada. FedEx Ground then

breaks down the consolidation and delivers the individual shipments to their destination.

FedEx International Ground DirectDistribution (IGDD)

The IGDD service gives the U.S. shipper the opportunity to consolidate shipments and ship end-to-end from the U.S. to Canada using FedEx Ground® service. The shipment clears Canadian customs as a single shipment and is delivered directly to its Canadian destination.

IGD and IGDD services offer greater efficiency in customs handling and reduce operational costs that may be caused by undeliverable packages or customs issues.

Expanded FedEx® Services

New Packaging Types for First Overnight® Service

FSMS now supports FedEx Pak, FedEx Box and FedEx Tube as valid package types with First Overnight Service.

Expansion of IPD SPOC Service

FedEx International Priority DirectDistribution® Single Point of Clearance (IPD SPOC) service now allows FedEx customers outside Europe to send consolidated shipments from a single location in the origin country to multiple consignees in European Union (EU) countries. This service is being extended to 10 EU countries: Latvia (LV), Lithuania (LT), Estonia (EE), Slovenia (SI), Cyprus (CY), Poland (PL), Hungary (HU), Slovak Republic (SK), Romania (RO), and Bulgaria (BG). Malta (MT) and Czech Republic (CZ) already have IPD inbound service.

Expansion of MX TD Border Crossings

Four new containerized freight stations are valid for Mexico Transborder Distribution (MX TD) shipments:

- Brownsville (HRLA), Texas
- McAllen (MFEA), Texas
- Nogales (TUSA), Arizona
- Eagle Pass (SATR), Texas

MPS Expanded for CA and MX TD

The Multiple-Package Shipping (MPS) features currently implemented for US domestic Transborder Distribution (TD) multi-piece processing and rating are also available for Canada and Mexico (origin) TD shipments.

FSMS Installation Enhancements

Automatic CSP Configuration

The configuration method for Compatible Solution Providers (CSP) is changed in FSMS 8.4.6. There is now a new CSP Solution Type Information screen in the installation program which requires the entry of a CSP code in order to complete the installation. This feature enables automatic configuration of a CSP solution and eliminates the separate updating and editing process previously required.

File Management and Display

The FSMS 8.4.6 installation now creates a new FedEx folder on the customer's desktop and places all required FedEx files and icons in this folder. The software also retains routing and rating files during an upgrade, unless a new feature requires the replacement of these files.

Ground Account Number Auto-Fields

FSMS 8.4.6 now automatically populates the FedEx Ground Account Number in the correct field when a FedEx customer installs FSMS.

Enhancements for Canadian Shippers

FSMS for French Language OS

With version 8.4.6, FedEx customers can install FSMS to run on a French language operating system. This feature conforms to the French language laws in Quebec, Canada which require that services and solutions in Quebec province be provided in both official languages: English and French. This feature is applicable for FedEx Express International services.

FSMS Registration in French

This FSMS software version also gives a customer the option to display the software registration and installation process in the French language.

FedEx Transborder Distribution Close Request

FSMS now prompts shippers to perform a Close for TD shipments one day after the ship date. TD shippers may choose to configure an automatic Close for TD shipments using the FedEx Configuration utility. This feature is available to Canada (CA) only and is not available for Mexico (MX) TD-enabled shippers.

City Names with Numeric Characters

FSMS now allows preceding numeric characters to be entered in the recipient City field. For example, "100 Mile House" is now allowed as a city name.

Declared Values over \$500 for Canada

When CA to US FedEx Express® and FedEx Ground® shipments have a Declared Value for Carriage of \$500 (CAD) or above, FSMS defaults the signature option to Direct Signature Request and no surcharge applies. FedEx Transborder Distribution (TD) shipping is excluded from this change.

Declared Values in Non-Origin Currency

Canada export shippers can now indicate the currency for the Declared Value for Carriage in USD, and U.S. export shippers can indicate the currency for the Declared Value for Carriage in CAD. For all other origins, FSMS will not enable shipment if a non-origin currency is given.

Fixed and/or Variable Handling Charges

FSMS now provides the ability to add/subtract handling charges to FedEx Transborder Distribution (TD) rate quotes. From Canada origin, this adds the option to display (add or subtract) Fixed and/or Variable Handling charges to the TD US Domestic shipment rate quote, as per the configuration selected by the shipper. The FedEx Express TD and FedEx Ground TD options will only display when the shipper is enabled for TD in the Meter configuration.

TD Rate, Route, and Transit Time

FedEx Transborder Distribution (TD) customers can now submit a rate, route, and transit time request without opening a TD Master.

TD Currency and Weight Types

TD shippers can now select or default the weight or currency type for all new TD Masters created on the same day.

Printer and Driver Enhancements

New Zebra ZPLII USB Printer Support

To allow for future innovation, FSMS now supports the Zebra ZPLII USB printers which are the fastest in their class.

Windows Print Manager and Driver Support

FSMS 8.4.6 supports Windows Print Manager and Windows printer drivers. This feature is recommended for use with high-speed interfaces or printers connected using USB, parallel, or network interfaces with appropriate bandwidth.

Label and Barcode Enhancements

Several label changes have been made to enhance the shipping experience.

Label Customization

FSMS 8.4.6 provides thermal labels with a 1.5 inch space for customization that may be used for either text or graphics.

Shippers who require customized or integrated labels can use the 020 *Global Ship Request* transaction with the new field 1249 (Custom Label Type Indicator) and other related fields to add customized sections to thermal labels.

FedEx shippers can also use the 4x8 or 4x9 doc tab label format to customize labels. These formats let customers add custom text, graphics, or a barcode to the shipping label.

PDF Label Support

FSMS supports 4x8 and 4x9 DIB along with 4x6, 4x8, and 4x9 PDF versions which are useful to customers printing on paper stock, including forms such as pick tickets or invoices with peel and stick label sections.

Doc Tab on Consignee Label

FSMS 8.4.6 also allows shippers to print doc tab information on international consignee labels for

FedEx Express® and FedEx Ground®. This feature supports 4x6 and 4x9 doc tab thermal labels and can be configured in two ways: FSMS Configuration utility or 020 *Global Ship Request* transaction with field 1374 (Print Doc Tab on Consignee Label).

Configurable Reference Setting

FSMS shippers can print the transaction ID and selected data fields on thermal shipping labels for US Domestic and International FedEx Express® and FedEx Ground® services, and TD FedEx Express and FedEx Ground, and intra-Canada shipping. Setup uses a new Reference Setting in the FSMS Configuration utility.

Thermal Label Orientation

FSMS shippers can configure label orientation for a leading or trailing edge using the FSMS Configuration utility or 020 *Global Ship Request* transaction with field 1375 (Label Stock Orientation).

Custom Label Generator

FSMS includes a new Custom Label Generator utility for non FedEx shipping labels. Shippers can create and print labels that contain custom non FedEx information relevant to their business and shipping. This feature supports 4x6 (doc tab and non doc tab), 4x8 and 4x9 thermal label formats.

Mask Sender Account Number

For FedEx International Priority® and FedEx International Economy® services, FSMS shippers can select to mask the sender account number on both the international and consignee labels. This feature is available through the FedEx Configuration utility.

Telephone Extension Numbers

Shipping labels will print the recipient's telephone extension number when requested using the 020 *Global Ship Request* transaction with field 1277 (Telephone Extension). This option is available for FedEx Express®, FedEx Ground® Domestic and International, and FedEx Ground Intra-Canada service. It is not available for Internet phone service.

New Express Label Options

FedEx Express shippers can now print reference fields (such as P.O. number, invoice number, and customer reference), department notes, and the RMA reference field on their labels.

Mask CI for International AWB

FSMS is now programmed to mask the commercial invoice value on the shipping label and replace it with Third Party Consignee values. This contractual service allows shippers to prevent recipients purchasing at retail from seeing the wholesale value.

Label Buffer Option

FSMS gives customers the option to receive their shipping label in the form of a Label Buffer file and thus be able to customize the label to print on their own printer. This option is available for International FedEx Express, including IPD/IDF/IED and FedEx Transborder Distribution (TD) services.

Open Ship Package Count for MPS

For Multiple Package Shipments (MPS), FSMS 8.4.6 allows shippers to include a package sequence number and total package count for pieces in a C.O.D. or International FedEx Express® Open Ship shipment. The 2D barcode includes both the sequence number and package count.

New Electronic Product Codes on Labels and Reports

FSMS 8.4.6 enables shippers to identify individual products using Electronic Product Codes (EPC). EPCs are used primarily in the pharmaceutical, consumer goods, and retail industries. When requested, the codes are embedded in the 2D barcode on shipping labels and print on the Domestic Shipment Report, US International Shipment Report, CA Domestic Shipment Report, and CA International Shipment Report.

Dangerous Goods Enhancements

Validation of DG Open Ship Edits

Dangerous Goods Open Ship transactions are now validated after an edit occurs to ensure that the DG qualifier (accessible dangerous goods) is included in the ASTRA barcode string.

DG Listings in 1421 C Report

FSMS will change the sequence of the DG listing in the Nature and Quantity of Dangerous Goods section of the 1421 C report.

FSMS Transaction Enhancements

Service Type and Special Services Transaction

For FedEx Express® and FedEx Ground® shippers who “hard code” service codes and special handling text, FSMS has a new transaction—050/150 *Services Types and Special Services Request/Reply*—which handles supported codes and returns the brand name of the product or service, service type, packaging type, weight limits, and delivery commitments as applicable.

FSMS Version Request Transaction

The new 050/150 transaction also requests and returns the FSMS software version number, FSMS build date, and CRS and CLS version numbers.

IPD/IDF/IED Requests for Consolidated Commodity Information

FSMS 8.4.6 now allows visibility into how FSMS consolidates IPD/IED/IDF shipments so that appropriate customs documentation is provided. This information can be requested prior to confirmation of a shipment using the 020 *Global Ship Request* transaction with field 2427 (Consolidated Commodity File) and field 2428 (File Format).

Hourly Upload Settings

Shippers using FedEx Express® and FedEx Ground® can turn off the Hourly Upload (HU) process and upload on demand. This feature is not being widely documented for customers.

Meter Number Returned on EOD Reply

FSMS now returns field 498 (Meter Number) in the 007/107 *End-of-Day (EOD) Close Request/Reply* transaction. This information enables a multi-meter customer to determine which meter has successfully closed.

Field for Document Descriptions

The 020 *Global Ship Request* transaction includes a free-form entry field 79 (Description of Contents) for customers who wish to describe their document type when this description is not provided in the Document Description (field 2396) list.

Shipping and Rating Enhancements

FedEx Ground Oversize Surcharge

FSMS 8.4.6 allows the Adult Signature option to be used with FedEx Ground® Oversize shipments. FSMS will properly apply the FedEx Ground Oversize surcharge in conjunction with the adult signature.

FedEx Express® Non-Standard Surcharge

FSMS now includes the Non-Standard Package surcharge in the rate quote. A \$5 (USD) fee is charged for packages between 60–108 inches in length or when not shipped in a cardboard box.

Rate Zone Reply

For FedEx Express® and FedEx Ground® services, FSMS 8.4.6 now returns the rate zone in the 120 *Rate Reply* transaction using field 1092 (Rate Zone). For FedEx Express, the zone is only returned if using zone-based pricing.

DAS Surcharge on Ground Multiweight

FSMS now adds the Delivery Area Surcharge (DAS) to the Multiweight Quote when it applies to the Courtesy Rate Quote for a Ground Multiweight Shipment to a remote location. This additional rate does NOT apply to the Multiweight rate quote.

Rate Requests

The Rate request transaction must be submitted with a payment type using field 23 (Payment Type) for both FedEx Express® and FedEx Ground® services.