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FedEx Shipping - Restful API Integration Set-up

Level 1 Support - 2026-04-08 - [Expédition, Taxes \(TVA\)](#)

IMPORTANT: The older FedEx “WEB Service” API is being discontinued by FedEx and will cease operation as of June 1st., 2026. It is highly recommended you set-up and use FedEx’s new **Restful API integration** in your ShopFactory Shipping Setup ***as soon as possible***.

Before you begin...

For US / Canadian users to set-up and use FedEx Restful API, you must sign-up using the link below and register your shipping / billing account on the Developer Portal using the link below (Other countries: You may need to contact FedEx for the correct regional interface).

NOTE: During the sign-up process you may have to follow several “Sign-up emails” received from FedEx to be able to continue completing the FedEx Restful API KEY(S) set-up.

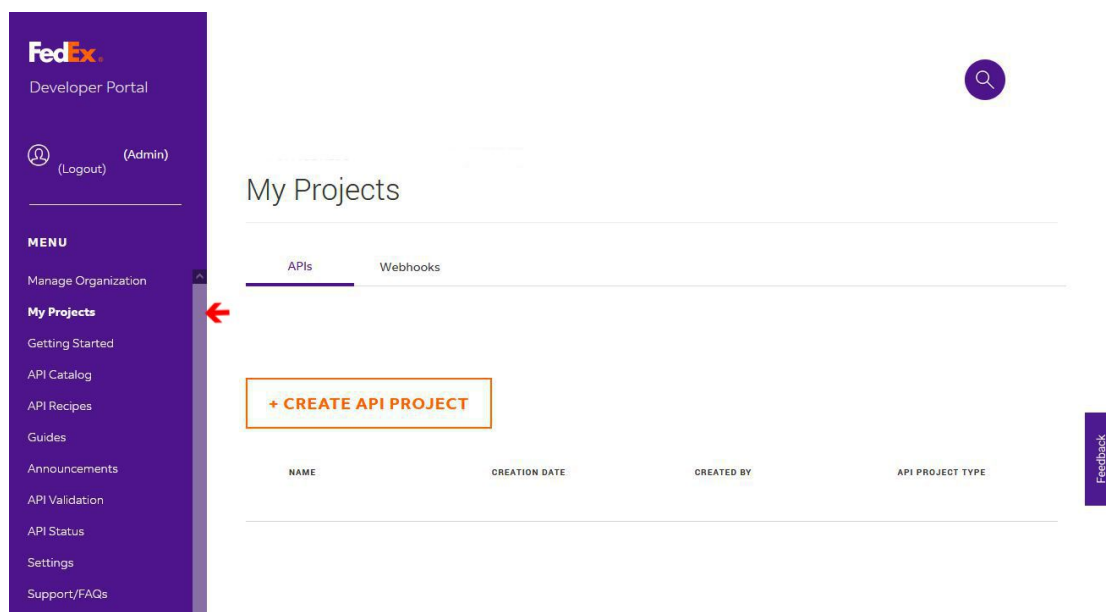
[FedEx Shipper | FedEx Developer Portal](#)

Once you have signed up and have access, you can follow these steps to generate the Restful API key(s).

Please read this full article before proceeding with set-up.

Go to the **MY PROJECTS** page in the FedEx Developer Portal.

Select “**+CREATE API PROJECT**”



In the first selector window - choose the option “**Ships with FedEx and is using a third-party software**”

solution that has requested API keys.”:



Tell us about your API needs

To create an API project, first let us know why you need API access.

I work for a company that:

Ships with FedEx and is using a third-party software solution that has requested API keys

NEXT

CANCEL

Enter in the **Third Party Provider** example information as shown here:

Create a Project

Provide information about the third-party solution you are using

THIRD-PARTY COMPANY

ShopFactory

THIRD-PARTY PRODUCT

ShopFactory

THIRD-PARTY PRODUCT WEBSITE

www.shopfactory.com

CONTINUE

Once you select **CONTINUE** - you can **SCROLL** down the same page to access more information. Choose the **"Ship, Rate & other APIs"** option:

Step 1 - Select API(s) for your project

Choose the API(s) you would like to include in your project.



Ship, Rate & other APIs

You can use our Ship, Rate, and other APIs individually or combine them in a way that best meets your needs.

✓ **SELECTED**



Basic Integrated Visibility (formerly Track API)

Use our Basic Integrated Visibility to get timely and accurate tracking information. This API includes transaction quotas.

SELECT

Scroll to continue again, and select only the **"Rates and Transit Times API"**:

☒ **Rates and Transit Times API**

Request pre-ship rating information to determine costs.
Note: FedEx Integrator Providers who would like to offer rating capabilities are required to select the Comprehensive Rates and Transit Times API.

[Overview](#) [Docs](#)

Scroll to continue and Enter in **"Step 2 - Configure project"** - Input a **"PROJECT NAME"** - IE: **Website-Company**. This is just a tag for the project if you handle multiple sites.

- Select the COUNTRY or territory you are shipping from, it will self populate once you click on the country.
- *We do not recommend choosing the Smartpost returns."

- You can select the LTL option if your using larger format shipments.
- Then select **NEXT**

Step 2 - Configure project

You can modify any changes to your project name, shipping services, and locations later.

You can modify any changes to your project name later.

Project name

WEBSITE-COMPANYNAME

Please select any countries you plan to ship to or from so we can assign you a test account.

Country/territory

Select a country or territory



✓ United States - Global test account added **REMOVE**

Do you plan on shipping using FedEx SmartPost[®] Returns?

☐

Yes

☒

No

Do you plan on shipping using FedEx Freight[®] LTL?

☐

Yes

☒

No

Notifications

If you would like to receive email notifications about FedEx APIs (e.g. updates, outages, etc.), you can update your notification settings under [settings](#).

BACK

NEXT

Step 3 - Accept terms and check off the "I am not a vendor who..." option as shown, then click on **CREATE**:

- **NOTE: After this step is complete, you can then create API Key and Secret Key.**

- **We recommend opening up NOTEPAD on your computer, or save keys to a secure location for later use in ShopFactory.**



Step 3 - Confirm details

Review your API project details, then accept the terms and conditions.

API project details: WEBSITE-COMPANYNAME

API(s) included	Rates and Transit Times API
------------------------	-----------------------------

Country/territory	United States
-------------------	---------------

[Accept terms](#)

- ☒ I have read, understand, and agree to be bound by the [FedEx Developer Portal License Agreement](#). I also understand how FedEx intends to use my information.
- ☒ I am not a vendor who will integrate FedEx technology with a product or solution that I plan to sell or distribute.

CREATE

You will then be presented with an “**API PROJECT OVERVIEW**” window.

Select the **PRODUCTION KEY (tab)** near the top - ensure you are on the **WEBSITE-COMPANY project** you created earlier (it's easy to miss, as show in this screen shot).

Enter in the **KEY NAME** you prefer to use for your ShopFactory API key.

Make sure you select the **"BILLING / SHIPPING ACCOUNT"** dial option.



API project overview

Test Key

Production Key

PROJECT SETTINGS



Configure project

Key name

MYSITE-KEY1

Select a shipping account for your production key. Once your project is live in production, you can add more shipping accounts.

Add shipping accounts

ACCOUNT NICKNAME	SHIPPING ACCOUNT #
 ACCOUNTNAME	***** 

Once you select continue - you will be presented with the **API KEY** and **SECRET KEY** - which you will need for the **ShopFactory FedEx shipping set-up inside your shop**.

- **Again - please NOTE: We recommend opening up NOTEPAD on your computer, or save keys to a secure location for later use in ShopFactory.**



Configure project



Get project keys

Production keys

Your new keys are shown below.

API key





Secret key

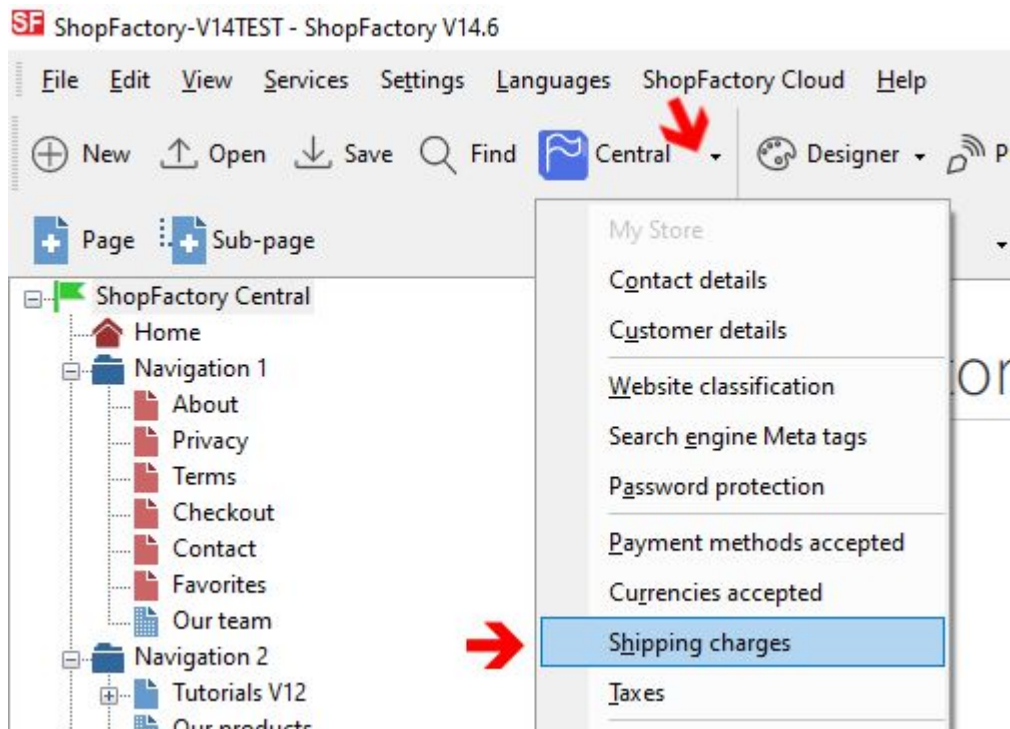
To Keep your Secret Key secure, we only display it once. If you lose your Secret Key, you can generate a new one.



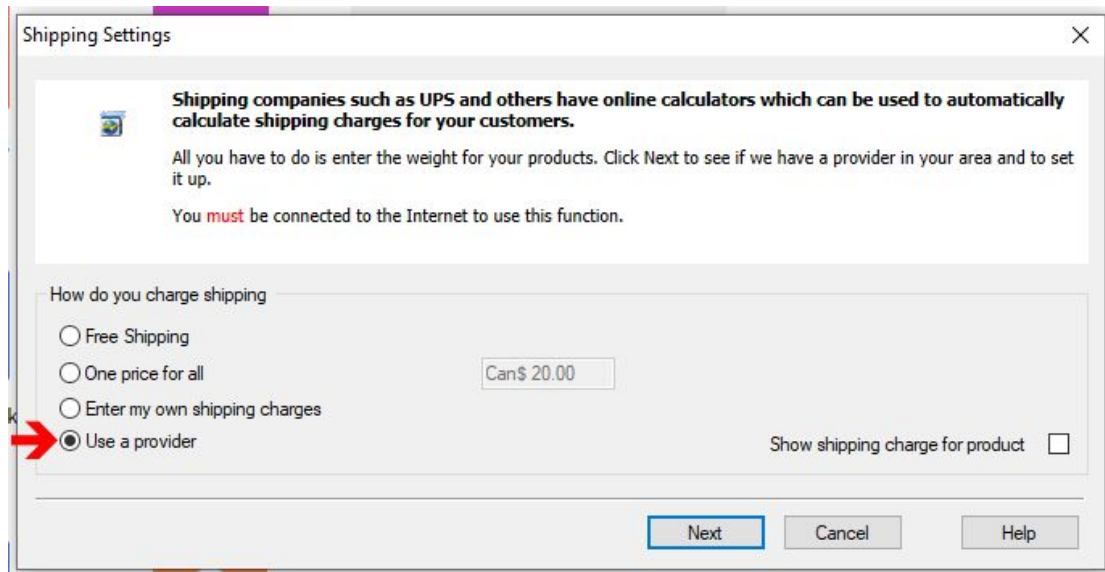


DONE

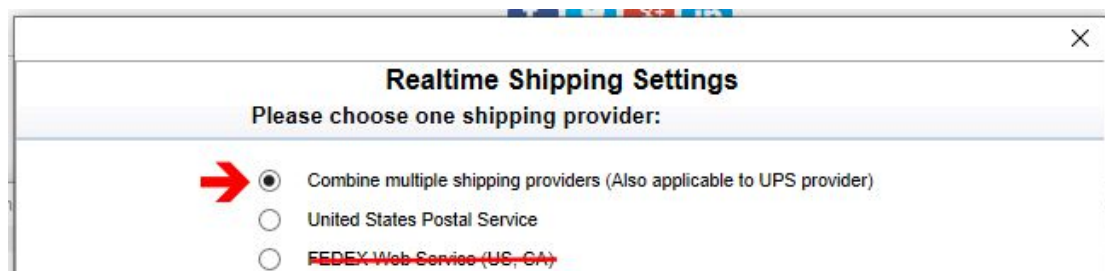
You can then open your **ShopFactory Site Project file** inside ShopFactory and go to **CENTRAL / SHIPPING CHARGES:**



In the next window - Choose **"Use a provider"**:



In the next window, choose **"Combine multiple shipping providers"**:



Check off "FedEx Web Service Settings":

- Enter in the your **FEDEX ACCOUNT**, **RESTFUL API KEY** and **RESTFUL API SECRET KEY**.
- Choose "Use my FEDEX Account Rate" if desired.
- Leave the "Dropoff at FedEx Location" option selected if you do NOT have daily regular pick-up service.
- **Select any Regions + Countries you ship to** from the left side box - move them to the right side box (Canadian region example shown, US will include US States).

FedEx Web Service Settings

Introducing FedEx RESTful APIs

FedEx recently launched RESTful APIs, which provide more services, simpler integrations and a better overall experience. Please note that new features and enhancements will only be available for new FedEx RESTful APIs as FedEx Web Services® (SOAP-based APIs) are now in containment.

If you enter API key and API Secret, we will use new FedEx RESTful APIs

Authentication:

AUTH Key: **Product Password:**

FEDEX Account: **FEDEX Meter:**

Rest API Key: **Rest API Secret:**

☐ Sandbox Rest API

☐ Use my FEDEX Account rate

Select Dropoff type?

Select Pickup type?(Rest API)

Select shipping states

Alberta	>	Alberta
British Columbia		British Columbia
Manitoba	<	Manitoba
New Brunswick		New Brunswick
Newfoundland	>>	Newfoundland
Northwest Territories		Northwest Territories
Nova Scotia		Nova Scotia
Nunavut		Nunavut
Ontario		Ontario

Continue down and enter your **Shipping Address** and review the additional items: **Split Packages** (check with FedEx for more information), **Adjust Shipping Charges / handling** costs if you require mark-up or **Handling Cost** coverage added on your displayed rates.

- Choose any **SERVICES - METHODS** you will be offering for rate calculation.

Central African Republic
Chad

<<

→

Shop Address:

4 ANYSTREET

Shop City:

TORONTO

Shop State:

Ontario

Shop Country:

Canada

→

Autosplit package if weight is more than:

50

(Max: 150LBS or 68KG)

→

Adjust shipping charges (+/-):

15

×

%

→

Handling Costs:

CAD

→

Domestic methods

☐

FIRST OVERNIGHT

Free from \$:

☒

STANDARD OVERNIGHT

Free from \$:

☐

FEDEX EXPRESS SAVER

Free from \$:

☒

FEDEX GROUND

Free from \$:

☐

PRIORITY OVERNIGHT

Free from \$:

☐

FEDEX 2 DAY

Free from \$:

☒

GROUND HOME DELIVERY

Free from \$:

International methods

☐

INTERNATIONAL PRIORITY

Free from \$:

☐

INTERNATIONAL FIRST

Free from \$:

☐

INTERNATIONAL ECONOMY

Free from \$:

☐

INTERNATIONAL GROUND

Free from \$:

Once the above is completed (reviewed) - you can then click **SAVE SETTINGS** (scroll down):

Cancel

Save Settings

↑

You can then go to your live website and test shipping rates live in your ShopFactory shop.