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## FedEx Shipping - Restful API Integration Set-up

Level 1 Support - 2026-04-08 - [Belastingen / Verzendkosten](#)

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.

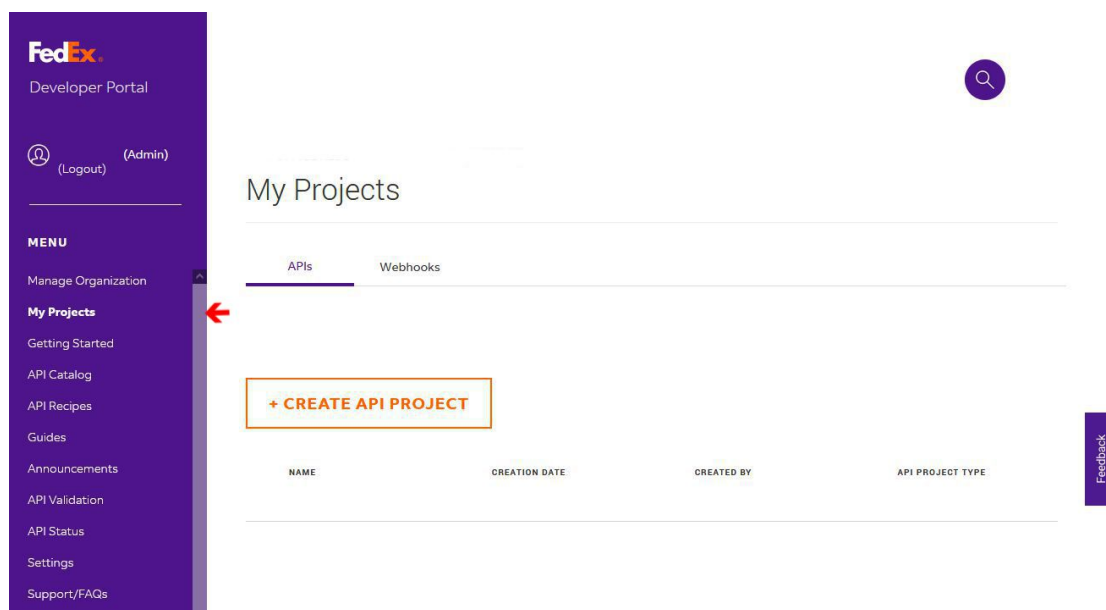
[FedEx Shipper | FedEx Developer Portal](#)

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<sup>®</sup> Returns?**

☐

Yes

☒

No

**Do you plan on shipping using FedEx Freight<sup>®</sup> 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

|                        |                             |
|------------------------|-----------------------------|
| <b>API(s) included</b> | 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

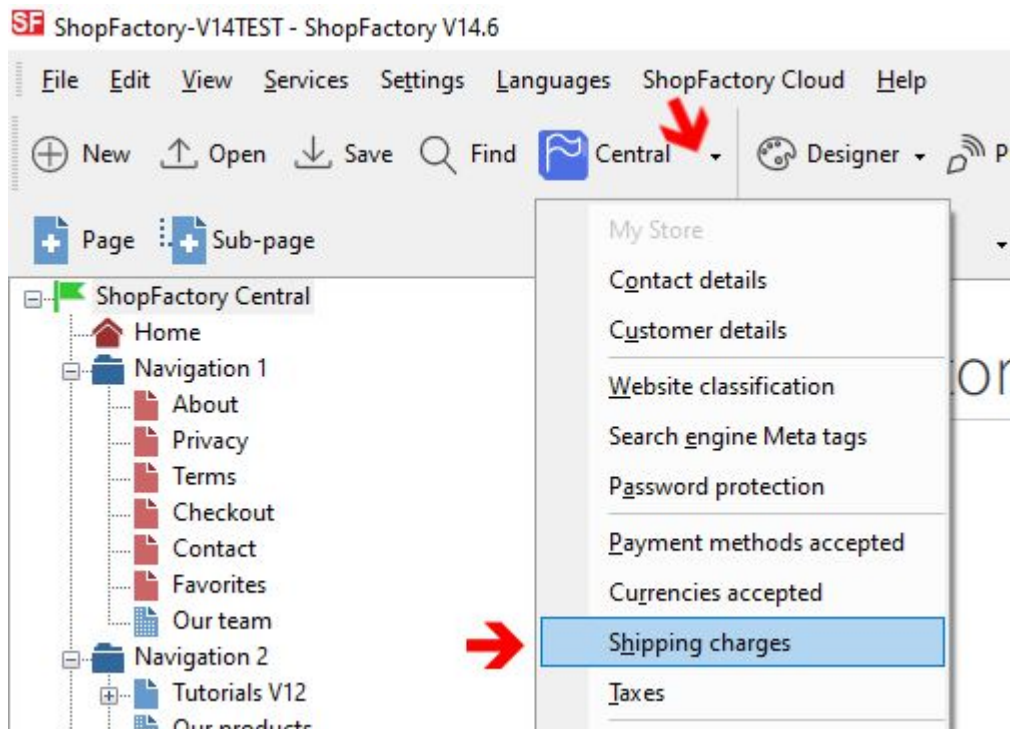
To Keep your Secret Key secure, we only display it once. If you lose your Secret Key, you can generate a new one.



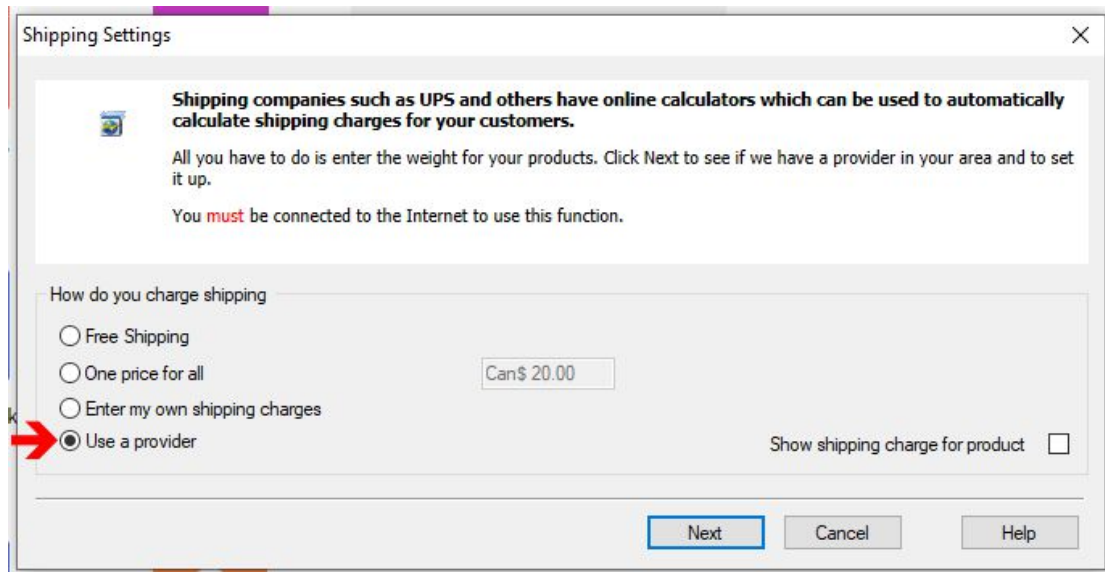


**DONE**

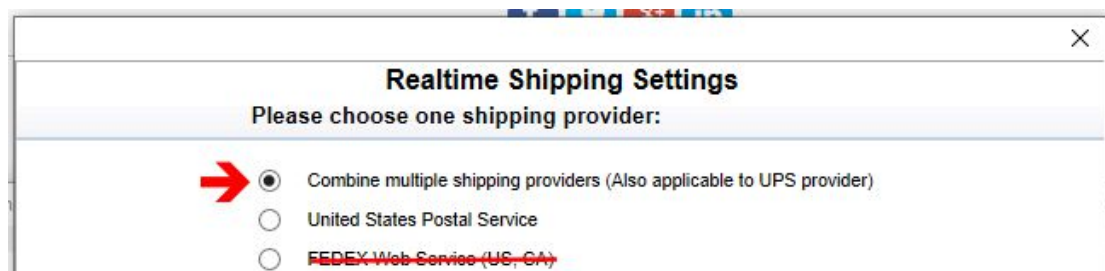
You can then open your **ShopFactory Site Project file** inside ShopFactory and go to **CENTRAL / SHIPPING CHARGES:**



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** **FedEx**

**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

**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.