Shipping Connector

for Microsoft Dynamics 365 Business Central

FedEx Web Services Setup Guide

I.   Purpose of this document

This guide will assist you with the creation of a (no-cost) FedEx Web Services Account.

The web services account is required if you wish to use FedEx Web Services with Shipping Connector Address Verification or Rate Shopping in Business Central, or with the Shipping Connector Shipper application to create shipping labels.

Note: We make an effort to keep this guide up to date however the dynamic nature of the web makes it difficult to stay in sync – so if you run into any discrepancies with this guide please point them out to us via our Support Page.

II.   Prerequisites (Step 0)

To create a FedEx Web Services Account you must have an active FedEx Shipping Account – if you do not have a FedEx Shipping Account then you must first sign up for one here.

Step 1 – Create (or login to) a FedEx.com User Account

You will require a valid FedEx.com User Account to use FedEx Web Services.

Point your web browser to www.fedex.com

Click the "Sign up or Log In" link at the top right of the page.
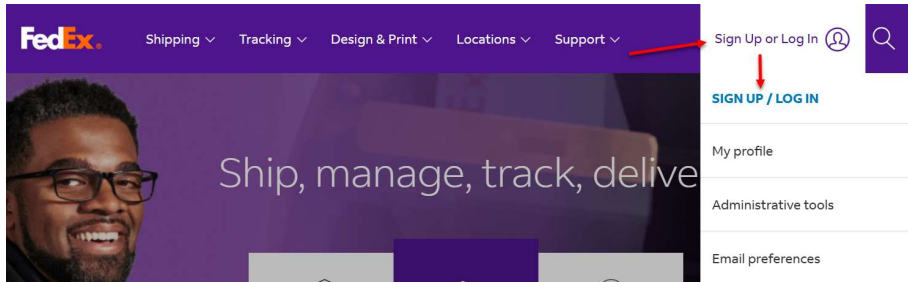
If you already have a FedEx.com User Account, verify that you can login, then proceed to Step 2

If you do not have a FedEx.com User Account, click the 'CREATE A USER ID' link and follow the registration steps below. After creating your FedEx.com User Account, sign-in to it.
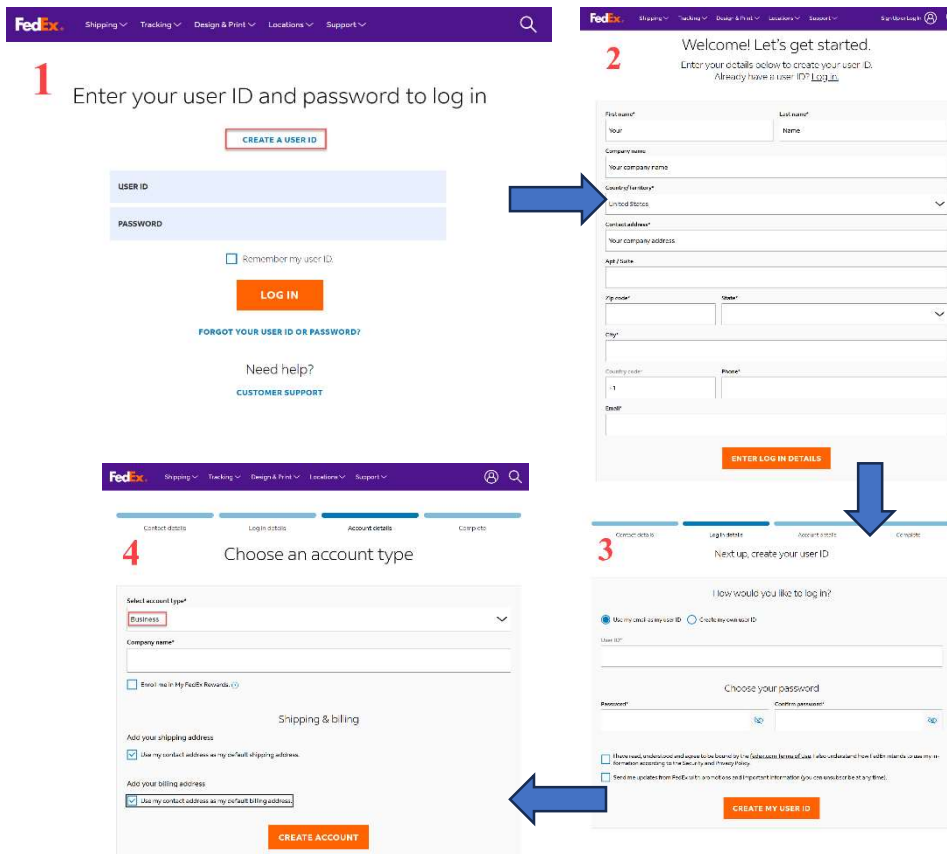
Step 2 – Sign-in to the FedEx Developer Portal

Once signed-in to your FedEx.com User Account (**Step 1**), navigate to the FedEx Developer Portal site: https://developer.fedex.com/

You will see the home page for the portal.
Click the 'Manage Organization' link, then add yourself as a user (if you are not listed).

On the 'Shipping Account' tab, add your FedEx Account (if it is not listed).

Proceed to **Step 3**

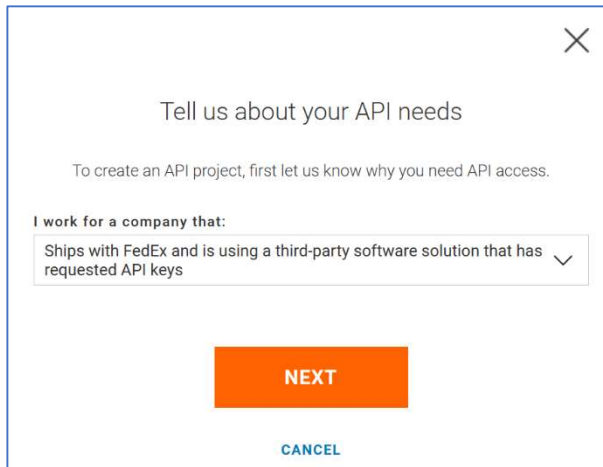**Step 3a - Create a FedEx Developer Project**

Click the 'My Projects' link.
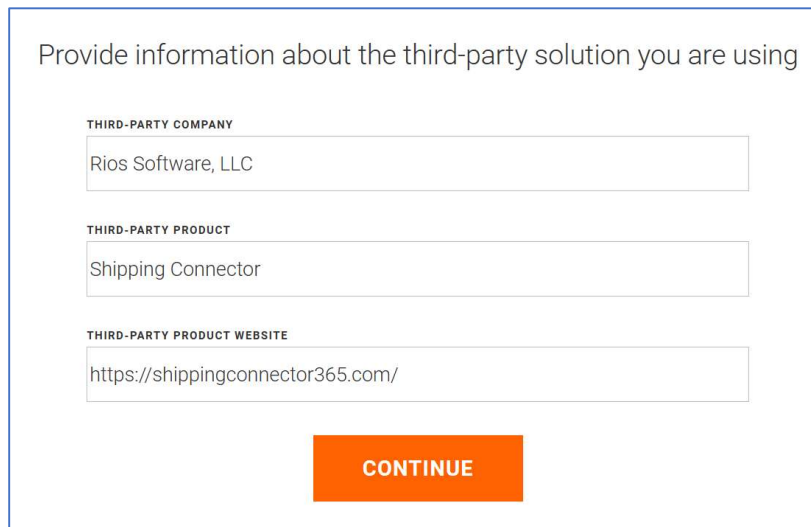Click the 'Create a Project' button.
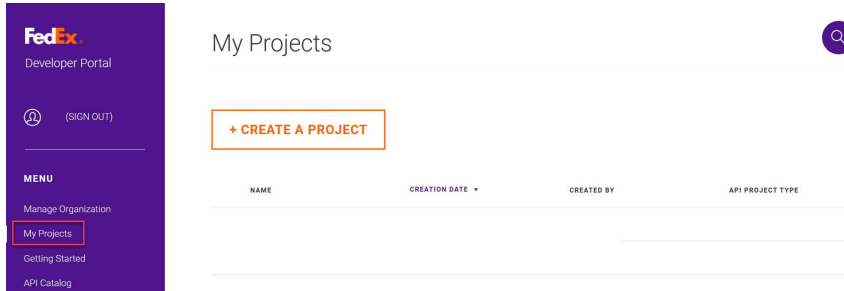
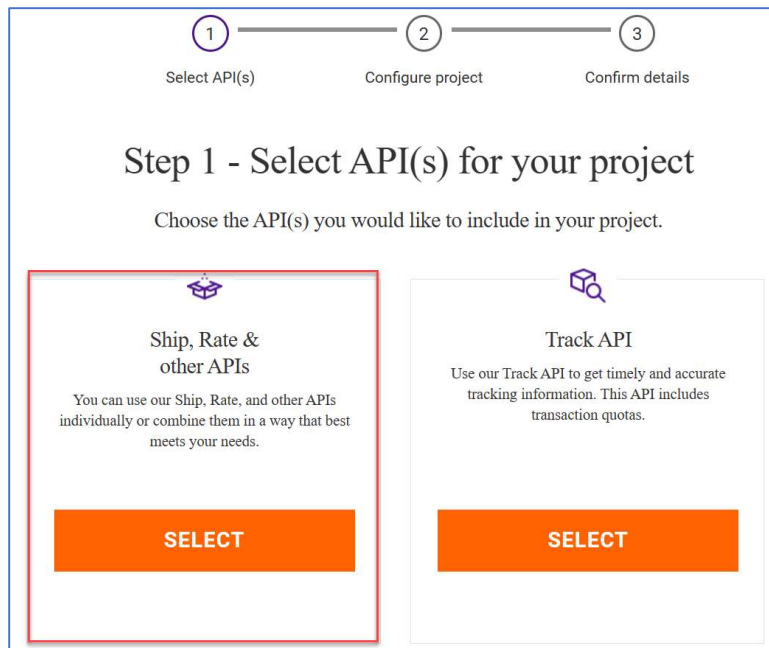The API description dialog will display.

Select the 'I work for a company' option as shown above.

Press the Next button, fill in the Third-Party information form as shown below, then press Continue.
Proceed to Step – 3b.

Step 3b - Select APIs

Select the Ship, Rate & other APIs option.

Scroll down to the list of APIs, then select APIs as follows:

If you intend to only use the Shipping Connector Address Validation and Rate Shopping features in Business Central (i.e., you do not intend to use the Shipping Connector Shipper application to create shipping labels) then select:

> Address Validation API
> Rate and Transit Times API

If you intend to use the Shipping Connector Shipper application, then select:

> Address Validation API
> Rate and Transit Times API
> FedEx Locations Search API
> Ground End of Day Close API
> Postal Code Validation API
> Pickup Request API
> Service Availability API
> Track API
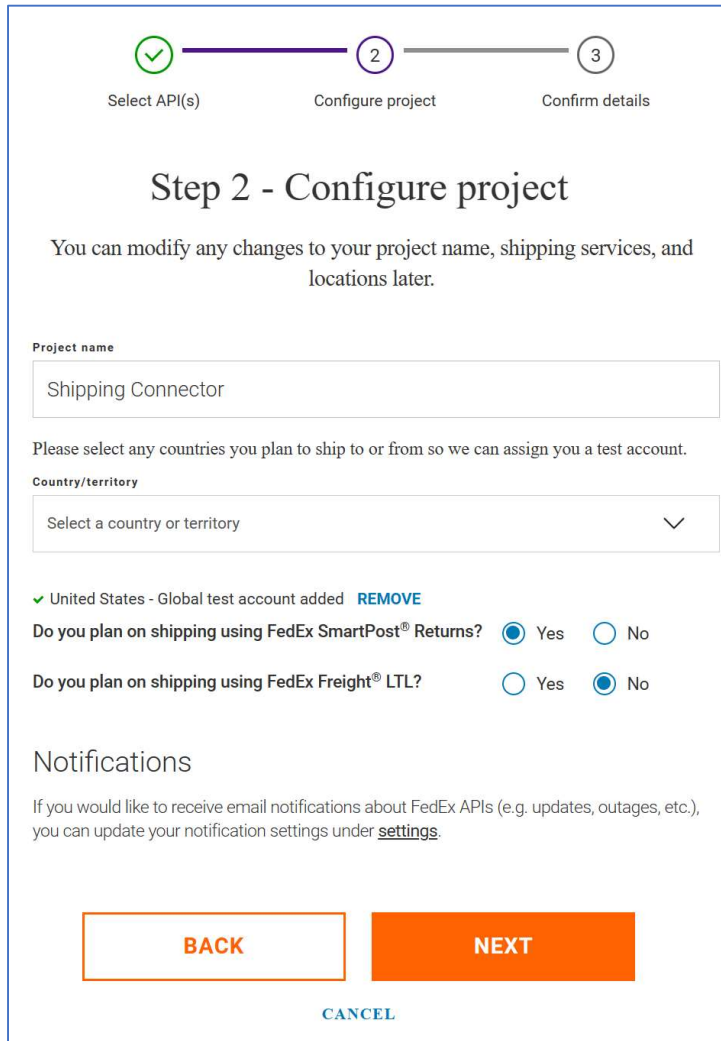> Trade Documents Upload API
> Ship API

You do not need:
Freight LTL API
Open Ship API

Click the NEXT button.

Step 3c - Configure project.

On the Configure project page,

1. Give your project a name (e.g., Shipping Connector)

2. Select the primary country from which you will ship (e.g., United States)

3. (US only) To use FedEx Smart Post Returns (i.e., USPS Ground for customer returns), select that option

4. **Do not select** FedEx Freight LTL

Click the NEXT button.

Step 3d - Confirm details.

On the Confirm details page, accept the terms, then click the CREATE button.

You will see a confirmation dialog, click OKAY to dismiss it.

You will then be directed to the API project overview page.
The Test Keys tab will be displayed.

Click the Production Key tab.

Step 3e - Configure project.

On the Production Keys tab, in the Configure project area:

1. Give your (Production) Key a name (or just use the default)

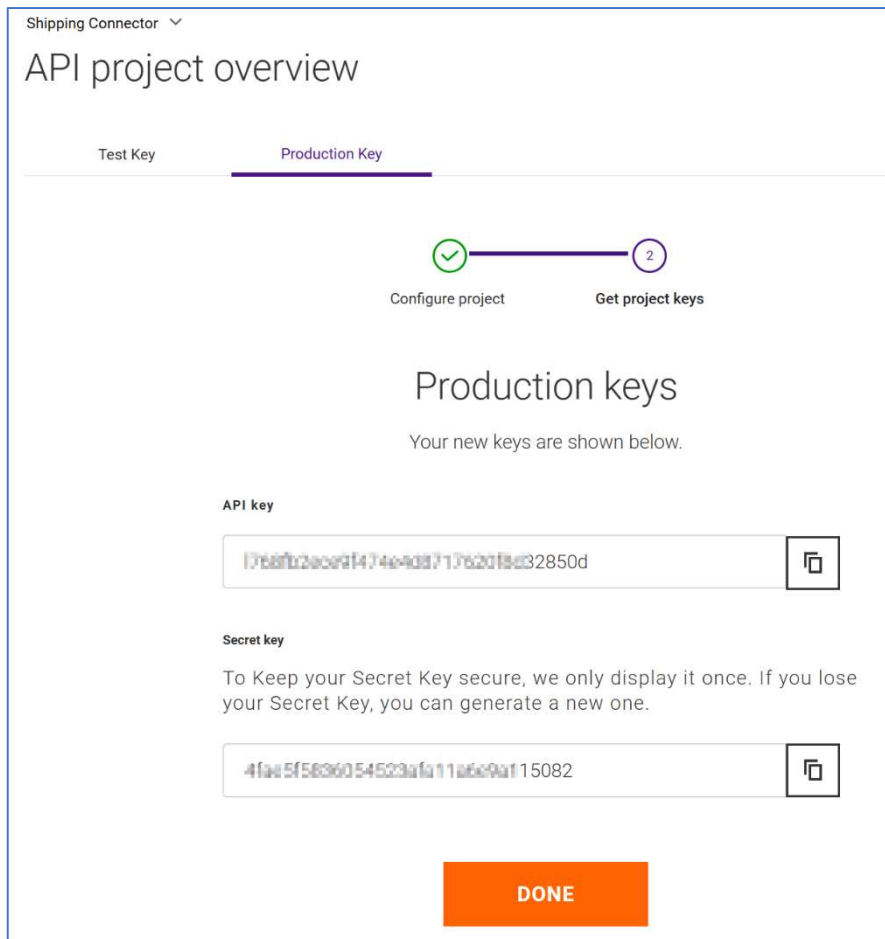2. Select your FedEx Account Number from the drop-down menu

Click the NEXT button.

Step 3f – Save your Production Keys

You will see the Production Keys page, as shown below.

Important! -- Before closing the page, make a safe copy of the keys.
 This will be the only time that you will see the Secret Key in the portal.

If, in Step 3d, you selected only the Address Validation and Rate and Transit Time APIs, then
You have completed FedEx Web Services
Proceed to Step 5

If, in Step 3d, you selected the additional APIs because you intend to use the Shipping Connector
Shipper app, proceed to Step 4.

Step 4 – API Certification

On the Production Key tab, in the APIs list at bottom, you will see that all APIs are enabled, except the Ship API.

To enable the Ship API an additional step, Label Certification, is required.

Ship API	Shipping Label Certification Required	✗ Disabled	**DELETE**
OVERVIEW DOCS	*To enable this API in production, the Shipping Label Certification must be completed.*		
	GO TO API CERTIFICATION		

Label Certification requires:

1. Printing specific labels and ancillary waybills (if shipping international) using your label printer
2. Scanning those labels to PDF
3. Completing a Label Certification Submission form
4. Packaging this collateral into an email and submitting to the FedEx Label Certification team
5. Receiving API confirmation (usually a 1-3 business day turnaround)

We acknowledge that the above steps are cumbersome, however, until FedEx approves our submission for the FedEx Compatible Program, we are obligated to use this process.

Mitigation

To mitigate the overhead, we provide a FedEx Label Certification application.
The application will generate the required labels, then allow you to print them to your label printer.
If you are satisfied with the quality of the printed labels, then the application will facilitate bundling the collateral into a package for submission to the FedEx Label Certification team.

Follow these steps to use the FedEx Label Certification application:
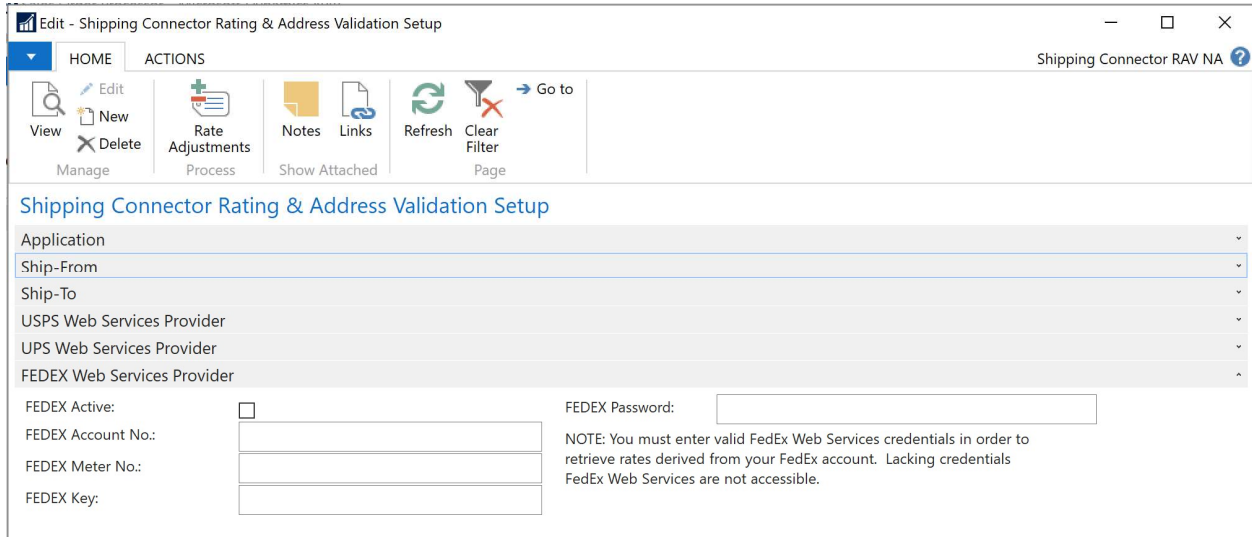
1. Start the Shipping Connector Shipper application

2. Configure your label printer(s)

2. Click the Help tab

3. Click the FedEx Label Certification link

Step 5 – Enter the FedEx account information into the Shipping Connector Rating & Address Setup

In your Business Central client open the Shipping Connector Rating & Address Validation Setup dialog.

Expand the FedEx Web Services tab.

Enter the FedEx account information.

FedEx Web Services Setup is now complete.