

## Connect to ShipEngine

**This guide will walk you through the steps needed to connect your ShipEngine account to Logicbroker.**

See the link below for general information, how it works, requirements, troubleshooting, connector updates and more.

[ShipEngine](#)

### 1. Create a ShipEngine account

Review pricing and register for a ShipEngine account.

[ShipEngine Pricing](#)

### 2. Set Up Carriers

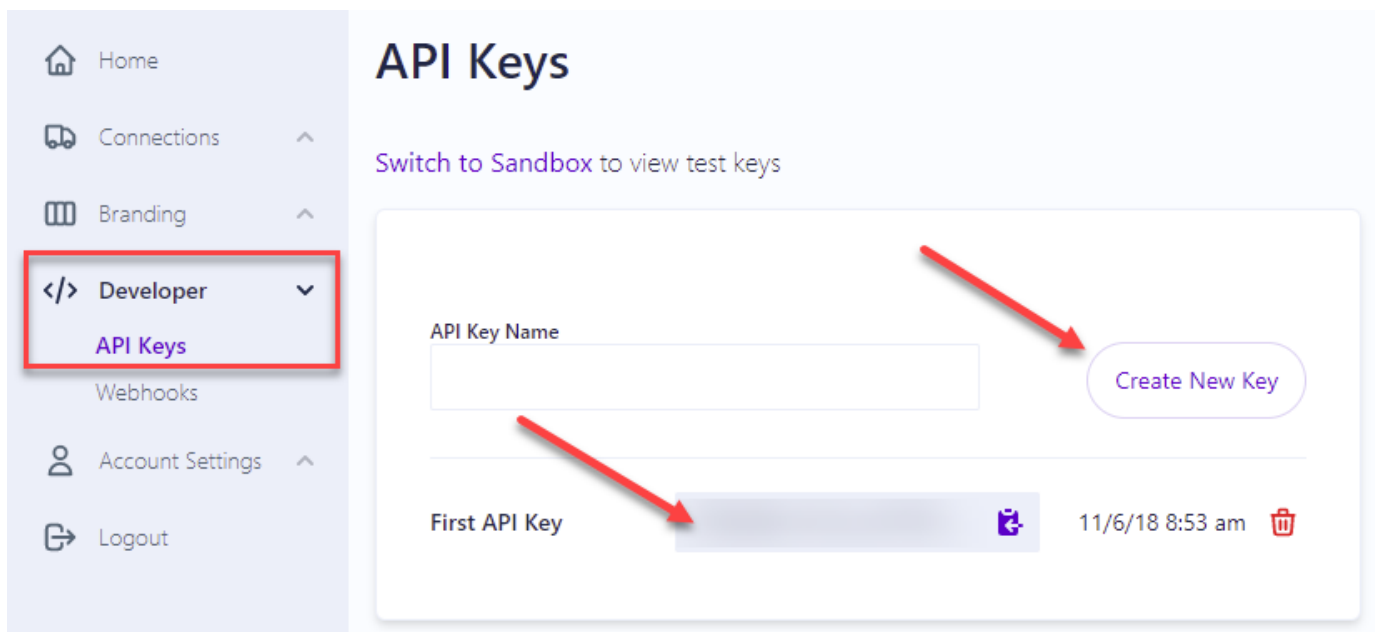
You will need to add carriers in ShipEngine. You can use existing carrier accounts you have already set up or create new ones by logging into your carrier sites. For more information on connecting your carriers, follow ShipEngine's instructions provided in the link below.

[Set Up ShipEngine Carriers](#)

### 3. Add API key to Logicbroker

In this step you will make the connection between ShipEngine and Logicbroker by using your ShipEngine API key. It is recommended to begin this process in the Logicbroker stage portal first to verify your data is processing properly.

1. In the ShipEngine portal, navigate to **Developer** > **API Keys**
2. Click on **Create New Key** if you do not have one already
3. Copy the **API Key**



4. In the Logicbroker portal, navigate to **Settings** > **Connections**
5. Click on **Connect to a New System** and search for **ShipEngine**
6. Paste in your **API Key**



7. Save

## 4. Set Up Shipment Mappings

**For retailers:** If you plan on sending custom ship method codes on the order to be used to create labels, you will need to map to the standard codes listed below using Logicbroker's **custom codes**.

For more information on shipment options and how to set up custom codes see the links below.

[Shipment Options](#)

[Setting Up Custom Code](#)

Logicbroker Standard Code	ShipEngine Ship Method
UPSN-CG	ups_ground
UPSN-3D	ups_3_day_select
UPSN-SC	ups_2nd_day_air
UPSN-ND	ups_next_day_air
UPSN-9A	ups_next_day_air_early_am
UPSN-PM	ups_next_day_air_saver
USPS-ND	usps_priority_mail_express
USPS-FC	usps_first_class_mail
USPS-BC	usps_parcel_select
FDE-SE	fedex_2day
FDE-3D	fedex_express_saver
FDE-9A	fedex_first_overnight
FDEG-CG	fedex_ground
FDE-IE	fedex_international_economy
FDE-SG	fedex_ground_international
FDE-IX	fedex_international_priority
FDEG-ND	fedex_standard_overnight
FDE-NM	fedex_priority_overnight

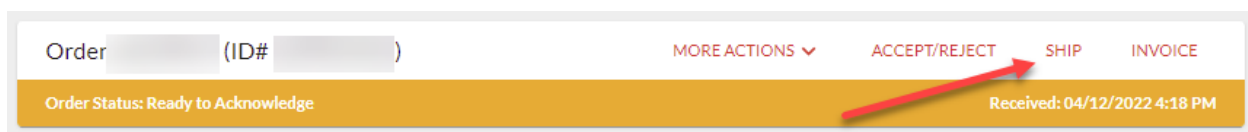
## See it in action

Once you have completed the steps above, you are able to start generating and printing shipping labels from the Logicbroker portal. See the steps below to see your connection in action and confirm the process works between Logicbroker and ShipEngine. For more details on this connector, review the following link:

**ShipEngine**

### 1. Create a shipment document

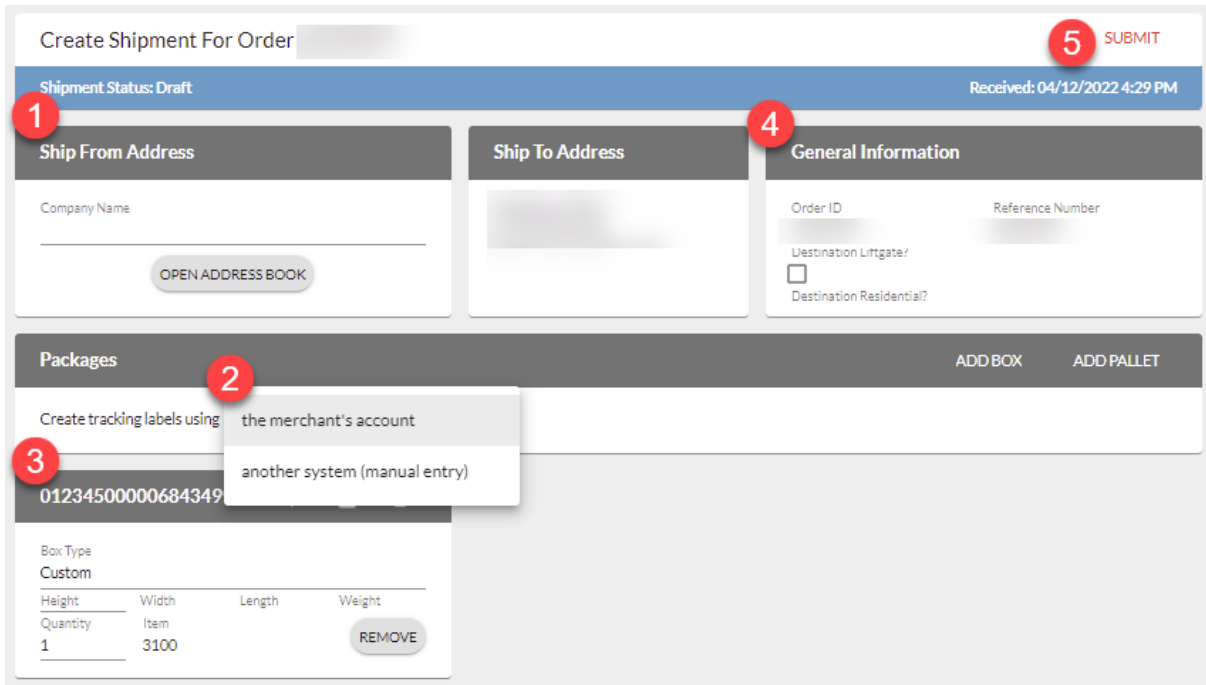
1. In the portal, pull up an order you wish to ship
2. Click on **Ship** in the top right to create a shipment document



### 2. Fill out the shipment document

1. Fill out **Ship From Address** or select one from the **Address Book**. See required fields below
  - First/Last Name
  - Line 1
  - City
  - State
  - Zip Code

- Country
  - Phone
2. Under **Packages**, select the way you will be shipping
    - Both retailer and supplier accounts will appear here if they have been connected (**the merchant's account** or **my account**)
    - You may also choose not to use the ShipEngine connection for any given shipment and select **another system (manual entry)** to input your own carrier and tracking number from another source
  3. Fill out package details. See required fields below
    - Dimensions (height, length, width, weight)
    - Quantity
    - Carrier *\*only required when using a supplier's account*
  4. Fill out any **General Information** details as needed
  5. Submit



The screenshot shows the 'Create Shipment For Order' interface. At the top, it says 'Create Shipment For Order' followed by a blurred order ID. A red circle with the number 5 is next to a 'SUBMIT' button. Below this is a blue bar with 'Shipment Status: Draft' and 'Received: 04/12/2022 4:29 PM'. The form is divided into several sections:

- Ship From Address** (Callout 1): Includes a 'Company Name' field and an 'OPEN ADDRESS BOOK' button.
- Ship To Address** (Callout 2): A blurred address field.
- General Information** (Callout 4): Includes 'Order ID' and 'Reference Number' fields, and checkboxes for 'Destination Liftgate?' and 'Destination Residential?'.
- Packages** (Callout 3): Includes a dropdown menu for 'Create tracking labels using' with options 'the merchant's account' and 'another system (manual entry)'. Below this is a table for package details:
 

Box Type	Height	Width	Length	Weight	Quantity	Item	REMOVE
Custom					1	3100	

At the top right of the Packages section, there are buttons for 'ADD BOX' and 'ADD PALLET'. A tracking number '01234500000684349' is visible in the Packages section.



### How will my labels be created?

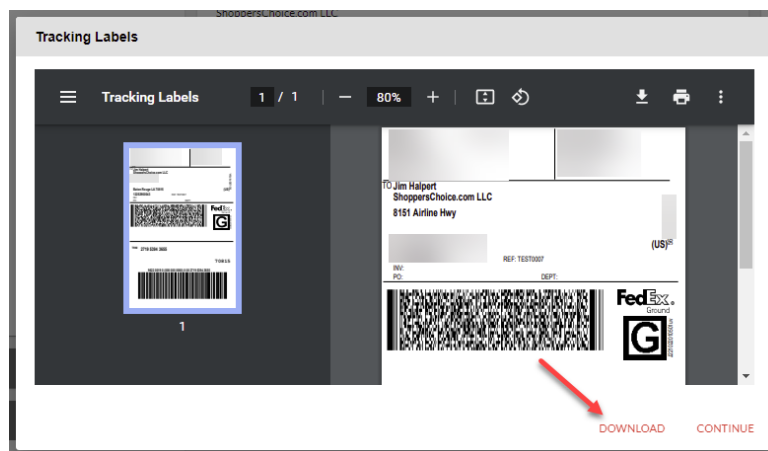
**Option 1: Pre-selected Carrier and Service Level on the order.** If the order has a carrier and service level listed, the same carrier and service level will be used to create the shipment document and shipping label.

**Option 2: Rate shop all connected carriers for lowest price.** If the order does not have a carrier or service level listed (class code is blank or labeled as “UNSP”), then Logicbroker will use the **Estimated Delivery Date** to rate shop across all connected carriers and select the one with the lowest rate based on the accounts set up in ShipEngine.

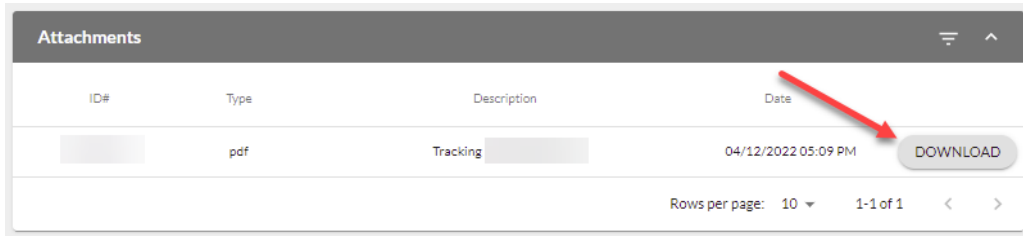
The **Carrier** field refers to `ShipmentInfos[0].ClassCode` on the order

## 3. Print your shipping label

Once you submit your shipment, you will see the **Tracking Number** and **Carrier** fields auto-populate with the data matching the label. The shipping label will automatically populate, and you will be given the option to **Download** (to PDF) or **Continue**



If you need to redownload the shipping label, from the shipment document, scroll down to **Attachments** and click on **Download**



ID#	Type	Description	Date	
	pdf	Tracking	04/12/2022 05:09 PM	<a href="#">DOWNLOAD</a>

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If you are looking to ship using your merchant's or your own account, you can do so through the Logicbroker API as well. See our developer documentation below.

**Logicbroker Commerce API**



## Need more information?

Visit our [Knowledge Base](#) or log into [Learn Logicbroker](#) for more details on how to optimize your Logicbroker experience.

## Helpful Links

ShipEngine

ShipEngine Pricing

Create a ShipEngine Account

Set Up ShipEngine Carriers



## Support

Reach out to [support@logicbroker.com](mailto:support@logicbroker.com)