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PACKAGE INTEGRATION GUIDE



**SFCC - ESW Cartridge**

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# **Package Integration**

ESW provides a range of models, such as Hub and Ship from Store (Hubless) for retailers to fulfill the orders. Each model has a different order process flow.

The ESW-SFCC cartridge allows retailers to synchronize their shipment/package data with the ESW Package Service through the Hub model.

Hub Model

The Hub model is used when a retailer ships goods to the ESW distribution hub. And then the goods are shipped to the shopper from the ESW distribution hub. To use the Hub model, retailers must send an advance shipping notification (ASN) of their packages to ESW. The ASN is required in advance of the packages physically arriving at the hub.

Sending an ASN to ESW

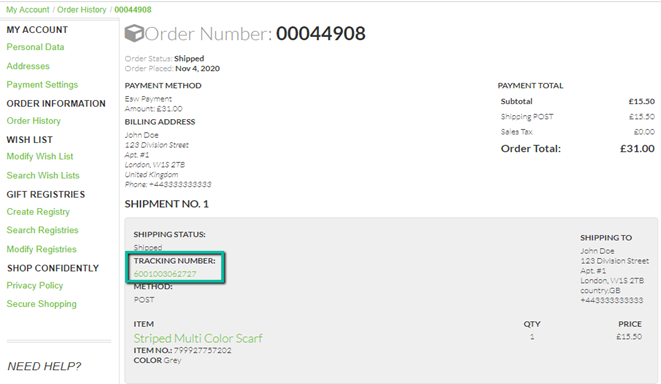
Retailers can send an advance shipping notification (ASN) to ESW using the [eswRetailerPackageFeed](#eswRetailerPackageFeed_job)job within SFCC.

This job synchronizes the package data and syncs the package information to the ESW package service called [EswPackageV4Service](#EswPackageV4Service). All packages that are shipped from the retailer hub and have real-time data, such as the tracking number or package reference, are included in the advance shipment notice and sent to ESW.

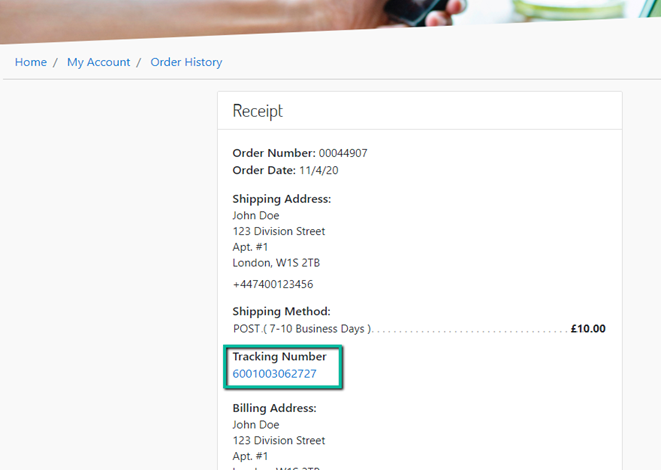
When the ASN is received successfully for each package, ESW sends the ESW Package Reference in the response and the SFCC job saves the ESW Package Reference at the order-level as ESW Tracking Number. The order is also marked as **True** under the **ESW Received ASN?** attribute.

Viewing ESW Tracking Number

After the ESW Package Reference is stored under the Order Custom Attribute as ESW Tracking Number, registered users can track their order or package from their account order history:



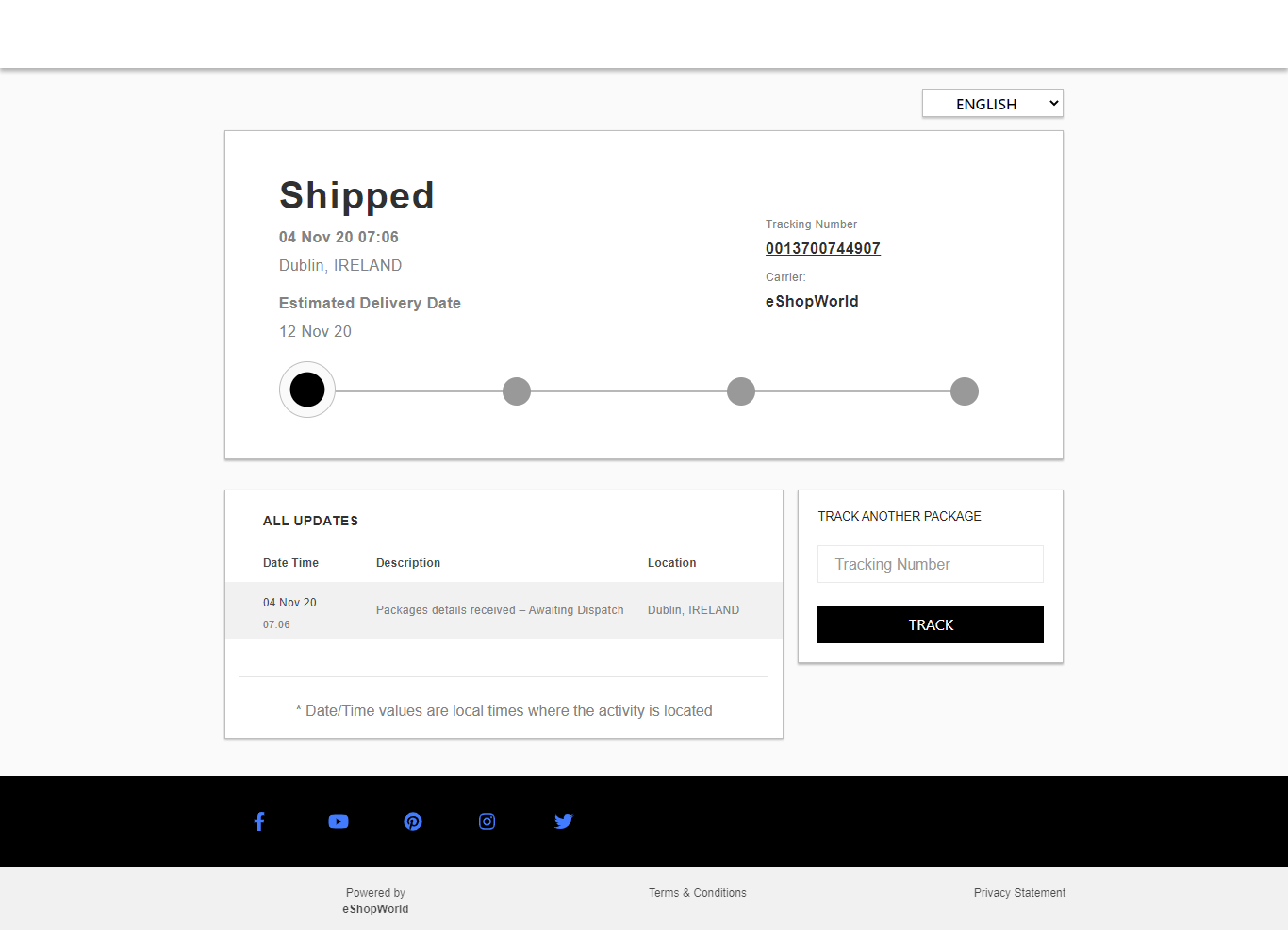
Tracking number in My Account > Order History



Tracking number in My Account > Order History

ESW Tracking Portal

Clicking the tracking number brings the shopper to the retailer-specific ESW Tracking portal. On the Tracking portal, shoppers can find more information on their order shipment.



# **Package Integration Configuration**

ESW Package Integration Configuration site preferences

You can use **Custom Preferences** to manage ESW-specific configurations of the cartridge. You can access Custom Preferences by navigating to **Merchant Tools** > **Site Preferences** > **Custom Preferences.**

The following **ESW Package Integration Configuration** option is present:

* **ESW Tracking URL**: This preference contains the general tracking URL of the order/package. A full tracking URL is created by adding an order package reference/tracking number (from code base) at the end of the general tracking URL.

eswRetailerPackageFeed job

The **eswRetailerPackageFeed**job syncs the retailer's package information with the ESW Package Service. The job composes the API request and sends an advanced shipping notice to ESW via the Package API v4.0.

EswOAuthService

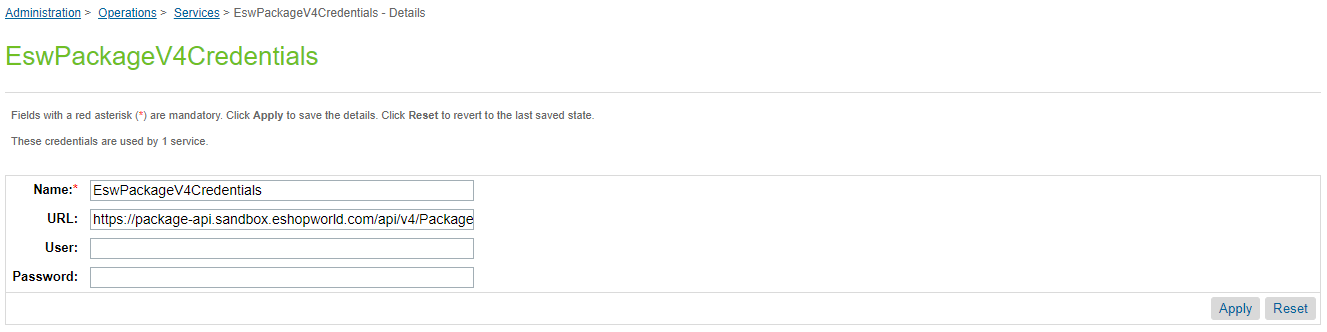
This service is used to get the authentication token from ESW. This token is used by other ESW services and APIs, such as Price Feed, Checkout, and Package.



*ESW OAuth Credentials*

EswPackageV4Service

This service is used to make a call to the ESW Package API v4.0 and send an advanced shipping notification to ESW (Hub model only).



EswPackageV4Service