

Carrier Interface

Description

Mysoft has developed a Carrier Interface plugin for Sage X3 replacing the need to dual key shipment information. Most of the major carriers provide a workstation. Warehouse staff re-key the shipment data to generate the shipping label which includes the carrier tracking number. The Mysoft plugin enables customers to create import and export templates for each carrier. A template is the definition of a flat interface file to either be exported, to generate the labels, or imported, to update the tracking number on the shipment.

Functionality

An interface template function enables a customer to define the file format and folder structure for each carrier.

Carrier File Interface

Carrier * Company Name File Type * Import Export Active

Controls

Field Separator Record Separator Field Delimiter File Extension

Carrier Base URL

Export Base Directory

Temp Base Directory

Archive Base Directory

Import Directory

Error Directory

The mapping of the fields is also defined generically instead of being hardcoded thus providing significant flexibility.

Order	Description	Max Length	Mandatory	Field Value	Alt Field Value
1	10 Shipment Date	10	No	[F:SDH]SHIDAT	:
2	20 Address Line 1	30	Yes	[F:SDH]BPDADDLIG(0)	:
3	30 Address Line 2	30	No	[F:SDH]BPDADDLIG(1)	:
4	40 Address Line 3	30	Yes	[F:SDH]BPDADDLIG(2)	[F:SDH]BPDCTY
5	50 Address Line 4	30	No	[F:SDH]BPDCTY	:

Mysoft Plugin Data Sheet

New fields have been added to the Shipment.

Battery Liquid No of Parcels:

Shipment Weight: Duty Payable User Workstation:
Kieron Test

Submitted to Carrier

Carrier Reference URL:

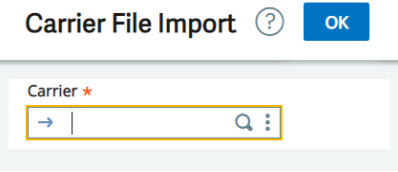
A button has been added to the shipment to control when the interface is triggered.



If any of the mandatory export field values are blank or any field length has been exceeded (as defined in the carrier file interface template) an error dialogue will be displayed.

Further controls have been added to the shipment validation button and automatic shipment validation to ensure the carrier interface file has been generated.

A carrier file import function has been created. It will run as a recurring task on a periodic basis to poll the import folder specified on the import carrier template. For example, it enables the shipment to be updated with carrier tracking URL.



Additional features

Sage X3 includes the carrier field as standard. A default tariff code has been added to the shipment address. It can be overridden on the shipment. Only the tariff codes pertaining to the carrier are allowed.

Carrier: Tariff Code:
DPD Next Day parcel by 9:00

Information required by the carrier such as battery and liquid have been added to the product.

A user parameter, workstation, allows for multiple packing benches to be defined thus providing scalability.