



## EDI 945 - Warehouse Shipping Advice

Megan De Freitas - 2025-06-12 - EDI

### Overview

The EDI 945 Warehouse Shipping Advice transaction confirms a shipment. A warehouse can use this transaction to notify a trading partner that a shipment has been made.

### Prerequisites

Before continuing with the EDI 945 configuration, make sure EDI is properly configured in SalesPad by reviewing the following documentation:

- [EDI Installation](#)
- [EDI Processing](#)
- [Data Cross Reference](#)
- [Business Object Mapping](#)
- [EDI Server Connection Setup](#)
- [EDI Trading Partner Setup Steps](#)

### Data Cross Reference

Select the EDI tab on the ribbon and open the Data Cross Reference screen.

Trading Partner ID	EDI
000ALLCERT	945 Warehouse Shipping Advice

Click the New button to add a new trading partner and set the following columns:

Column	Value
--------	-------

Trading Partner ID	Trading partner ID from the EDI order header, such as 000ALLCERT
Partnership	“Warehouse”
Customer Num	(Leave blank)
Warehouse	Warehouse/location
EDI	945 Warehouse Shipping Advice

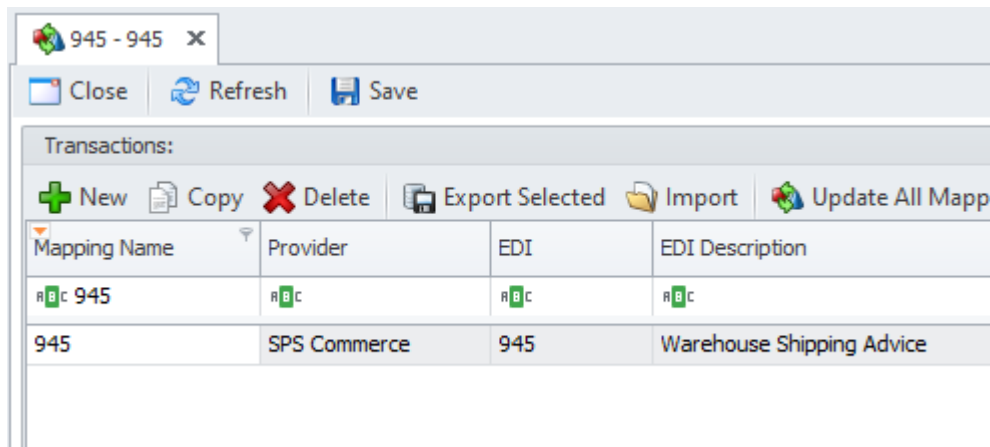
Make sure the new trading partner is selected and then fill out the following mapping tabs as needed:

- Addresses
- Items
- Units of measures
- Currencies
- Payment terms
- Shipping methods

Save all changes and close the Data Cross Reference screen.

## Business Object Mapping

Select the EDI tab on the ribbon and open the Business Object Mapping screen.



Click the New button to add a new transaction and set the following columns:

Column	Value
Mapping Name	Name of the 945 transaction mapping
Provider	SPS Commerce

EDI	945
Schema Name	Shipments
Direction	In
Document Type	Sales Document
Document Subtype	Sales document type and ID in Dynamics GP, e.g. "ORDER WMSORDER"
Trading Partners	Trading partners to which the mapping applies (trading partners are configured on the Data Cross Reference screen)
Complete Fulfillment	Enable this to update fulfillment on the sales document

The EDI 945 (Warehouse Shipping Advice) and EDI 856 (Ship Notice Manifest) business object mappings share the same default fields. To get the 945 to work correctly, remove the following fields:

- All fields mapped to **SalesDocument** in the **Business Object** column except **DepositorOrderNumber** and **PurchaseOrderNumber** under the **OrderLevel > OrderHeader** node. Even the **TradingPartnerId** field needs to be removed.
- The **Static Values** under the **Shipment > Header > ShipmentHeader** node.
- Any fields with a blank **Property Name** column value. For example, the **Shipment > Header > Address** node has various lines with **CustomerAddr** in the **Business Object** column, but it has a blank cell in the **Property Name** column because it isn't used in the 945.

Save all changes and close the Business Object Mapping screen.

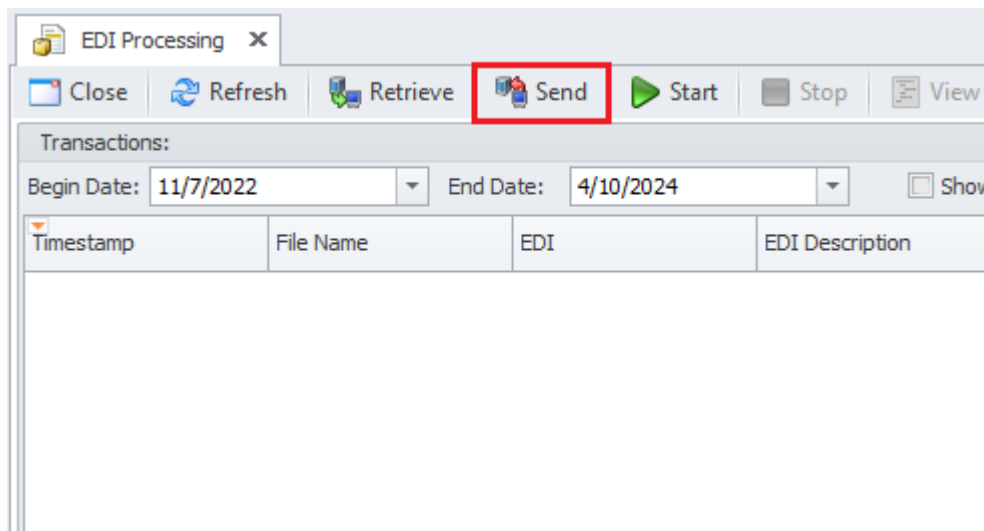
## EDI Processing

Select the EDI tab on the ribbon and open the EDI Processing screen.

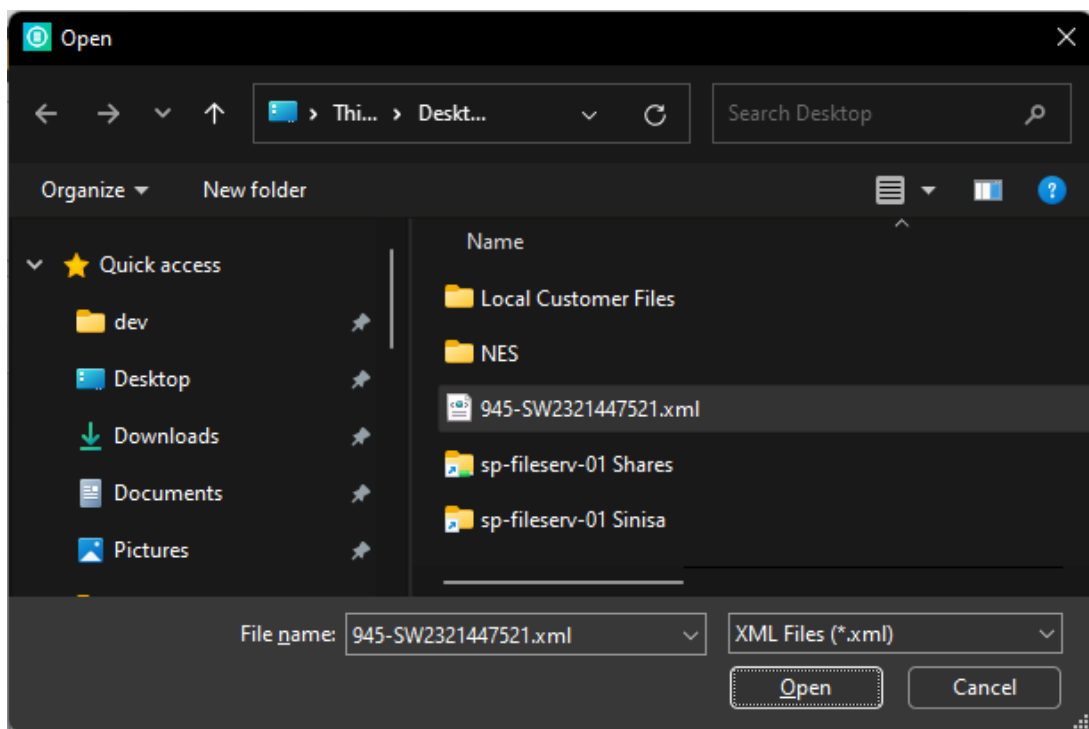
### Steps

To process an EDI 945 transaction, follow these steps:

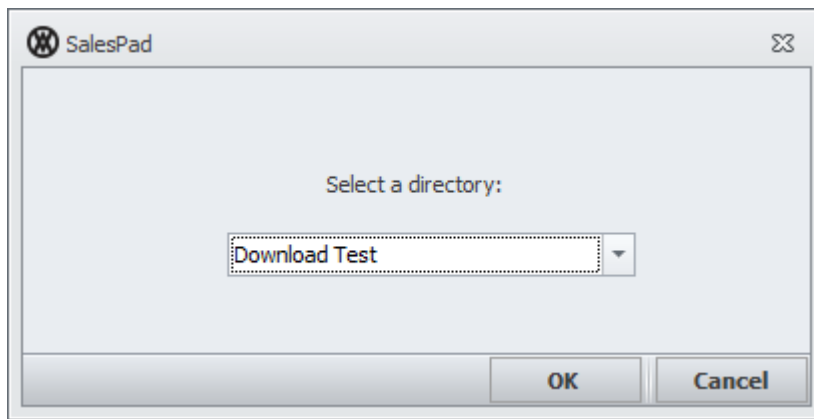
1. Click the Send button and select the relevant EDI provider in the prompt.



2. Select the 945 XML file that should be processed and click Open.



3. Select the directory and click OK.



4. Click the Retrieve button to process the transaction. A message should appear in the Transaction Log grid that the transaction was processed successfully.

Transaction Log:		
Timestamp	Status	Text
4/10/2024 3:51:42 PM	Retrieved	Document '945-SW2321447521.xml' downloaded.
4/10/2024 3:51:42 PM	Processing	Processing document.
4/10/2024 3:51:43 PM	Processed	Sales Document ORDER ORD1010 saved.
4/10/2024 3:51:43 PM	Processed	Sales Document ORDER ORD1010 saved.
4/10/2024 3:51:44 PM	Processed	Document processed.

Note: Processing errors are usually caused by missing mappings on the Data Cross Reference screen or missing serial/lot numbers in Dynamics GP. Ensure that the packing information in the 945 XML file, such as serial/lot numbers, exists in GP before processing the 945 transaction.

Transaction Log:		
Timestamp	Status	Text
4/10/2024 3:49:10 PM	Retrieved	Document '945-SW2321447521.xml' downloaded.
4/10/2024 3:49:10 PM	Processing	Processing document.
4/10/2024 3:49:12 PM	Processed	Sales Document ORDER ORD1010 saved.
4/10/2024 3:49:13 PM	Processed	Sales Document ORDER ORD1010 saved.
4/10/2024 3:49:15 PM	ProcessError	Could not find lot number 20181019_0002 when fulfilling item WIRE-MCD-0001.
4/10/2024 3:49:15 PM	ProcessError	Could not find lot number 20181019_0002 when fulfilling item WIRE-MCD-0001.
4/10/2024 3:49:15 PM	ProcessError	Could not find serial number 20190226_197062 when fulfilling item 100XLG.
4/10/2024 3:49:15 PM	ProcessError	Could not find serial number 20190226_197061 when fulfilling item 100XLG.

#### Example

A sample order ORD1010 for the AARONFIT0001 (Aaron Fitz Electrical) customer has a non-tracked item 128 SDRAM, lot-tracked item WIRE-MCD-0001, and serial-tracked item 100XLG. All items have a quantity of 2 and are fully allocated but not yet fulfilled.

(ORDER) ORD 1010

✕

Close

Save

Print

Fulfillment

Run Script

Split Sales Document

ITT Generation

Document Properties

Document #:

ORD 1010

Customer #:

AARONFIT0001

Cust PO:

Req Ship:

11/8/2023

Ship Method:

GROUND

Whse:

WAREHOUSE

Currency:

Z-US\$

Line Items

Notes

Addresses

Holds

User Fields

Audit

Related Documents

Purchases

Quick Report

FedEx Quote

New

Delete

Insert

Sales Line Resources

Sales Line Components


Item Number

Item Class Code

128 SDRAM

	Line Num	Item	Description	Qty	Qty Allocated	Qty Fulfilled
	16,384.00	128 SDRAM	128 meg SDRAM	2	2	0
	32,768.00	WIRE-MCD-0001	Multi conductor wire	2	2	0
	49,152.00	100XLG	Green Phone	2	2	0

The following 945 XML will fulfill and pack order ORD1010:

 Sales Fulfillment - ORD 1010

Select a line item:

☒ Show all lines

Item Number	Descr	Qty
128 SDRAM	128 meg S...	0
<a href="#">WIRE-MCD-0001</a>	Multi cond...	0
<a href="#">100XLG</a>	Green Pho...	0

Fulfillment Detail:

Not Serial/Lot Tracked	Qty	Bin
PIC	=	PIC
	2	AUTOCREATE

Lot-tracked item fulfillments will be updated to show the quantities for the specified lots:

Select a line item:

☒ Show all lines

Item Number	Descr	Qty
<a href="#">128 SDRAM</a>	128 meg S...	0
<a href="#">WIRE-MCD-0001</a>	Multi cond...	0
<a href="#">100XLG</a>	Green Pho...	0

Fulfillment Detail:

Lot Numbers	Qty	Bin
<a href="#">R1C</a>	=	<a href="#">R1C</a>
LOT B	1	AUTOCREATE
LOT1	1	AUTOCREATE

Serial-tracked item fulfillments will be updated to show the specified serial items:

Select a line item:

☒ Show all lines

Item Number	Descr	Qty
<a href="#">128 SDRAM</a>	128 meg S...	0
<a href="#">WIRE-MCD-0001</a>	Multi cond...	0
<a href="#">100XLG</a>	Green Pho...	0

Fulfillment Detail:

Serial Numbers	Qty	Bin
<a href="#">R1C</a>	=	<a href="#">R1C</a>
5	1	AUTOCREATE
6	1	AUTOCREATE

The order shipment and packages will be created to match what is detailed in the 945:

Shipment

Manufacturing Orders

Resources

Service Transfers

Time In Queue

(0) EDI Order Changes Cross Dock Sales Line

(0) EDI Order Changes

Remove All Unfulfilled

Get Labels

Print Labels

EDI 810 - Invoice

EDI 856 - Advance Ship Notice

Shipping Header:

ASN Number:

S...

Carrier Code:

UPS

Shipping Method:

GROL

Shipping Date:

11/8/

Shipping Cost:

\$0.00

☒ Ship Co

Bill of Lading:

Carrier Pro Num:

Shipping Weight:

2251.00K

Delivery Date:

☐ ASN Ser

Packages

New

Delete

Copy

Nest Package

Unnest Package

Number	Weight	Height	Width	Length	Tracking:	SSCC
LP000000011	175.00	0.00	0.00	0.00	<a href="#">123456789...</a>	0007654321...
LP000000012	175.00	0.00	0.00	0.00	<a href="#">123456789...</a>	0007654321...

Items for LP000000011

Add

Add All Unpacked

Delete

Item Number:	UoM	Serial L...	Qty
<a href="#">128 SDRAM</a>	EACH		1
<a href="#">WIRE-MCD-0001</a>	FOOT	LOT B	1
<a href="#">100XLG</a>	Each	5	1