



EDI 945 - Warehouse Shipping Advice

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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.

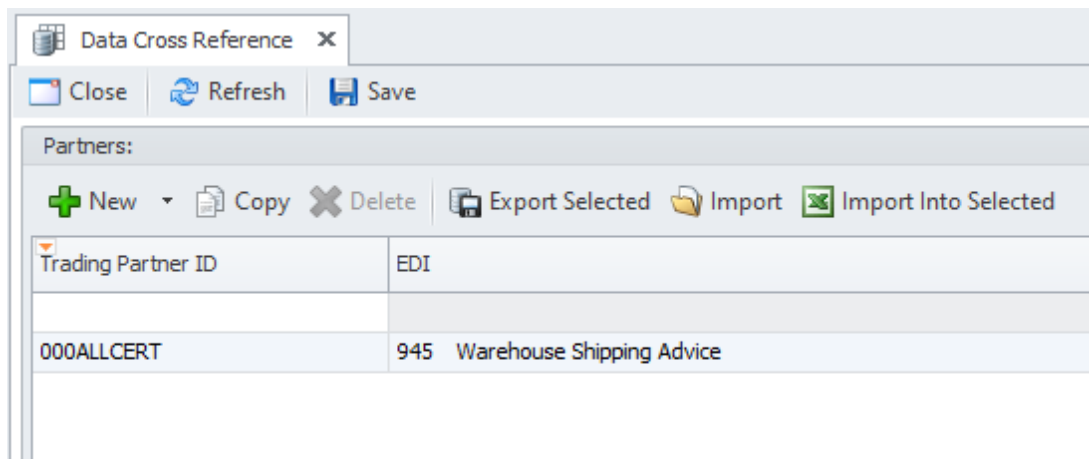
Prerequisites

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](#)

Data Cross Reference

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



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

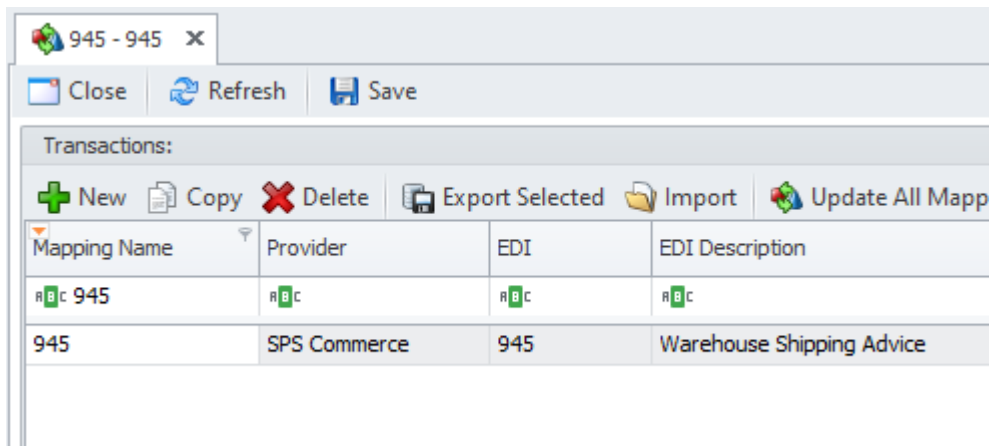
Make sure the new trading partner is selected and then fill out the following mapping tabs as needed:

- 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.

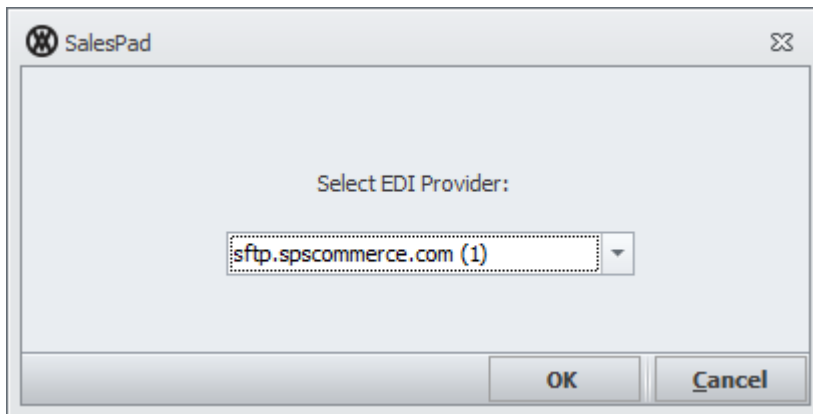
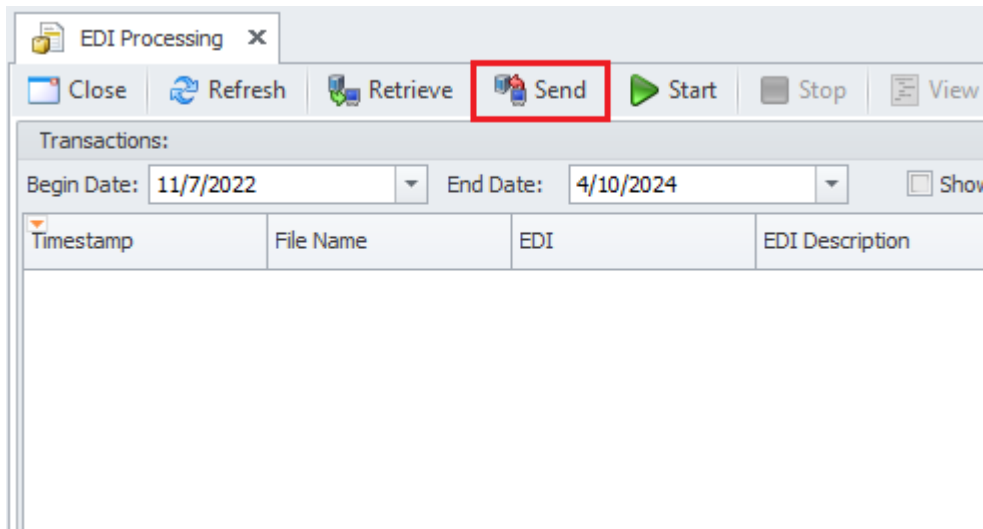
EDI Processing

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

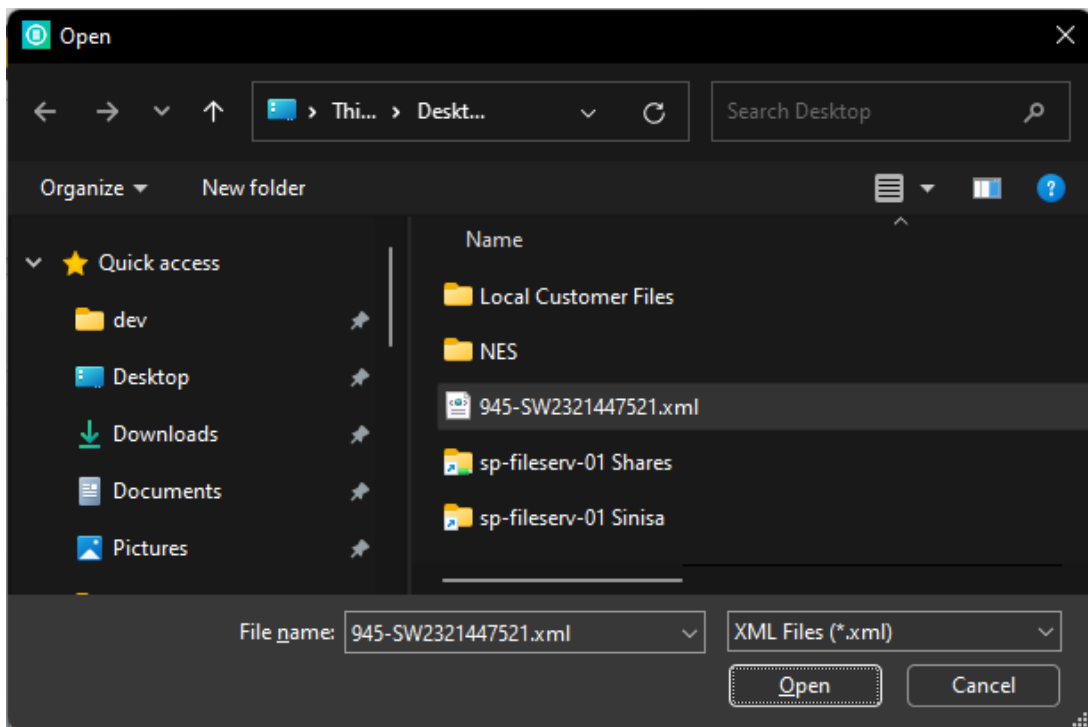
Steps

To process an EDI 945 transaction, follow these steps:

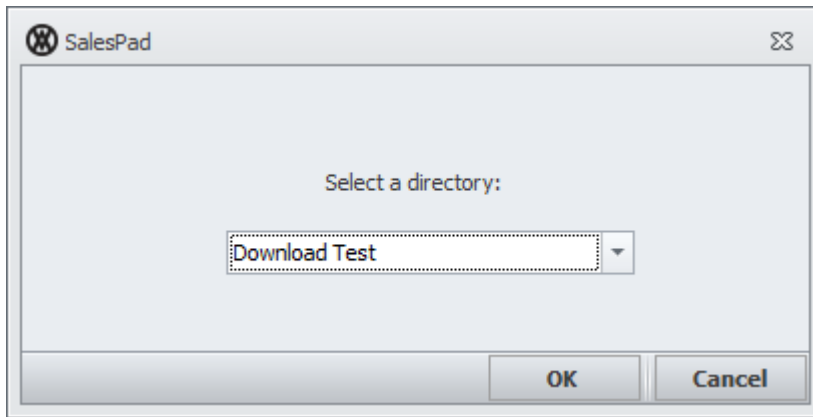
1. Click the Send button and select the relevant EDI provider in the prompt.



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:

<?xml version="1.0" encoding="utf-8"?>

000ALLCST
5000000000000
2023-10-17
TESTTRAC001
TESTTRAC001

011
2023-07-07

CU
PAC0223

SE
ALL123

SI
EQ0123

ST
AMT 5000000000000
AMT 5000000000000
50 5000000000000
50 5000000000000
50 5000000000000
CA
PAC02-011
US

WA
PACIFIC COAST BRANHOUSE
98101-3000
OR98101
CA
95701
US

M
UPS

WHL
WHL

PP

OR01010
OR01010

1

P
000704123000000000
1234567890001
CA
95701
US
128.0000
L8

1

128 SDRAM

1

EA

0

WIRE-MCD-0001

1

PT

0

12

LOT B

2

100XLG

1

EA

0

CL

SE

1

P
000704123000000000
1234567890001

CA
95701
US
128.0000
L8

2

128 SDRAM

1

EA

0

WIRE-MCD-0001

1

PT

0

12

LOT 1

2

100XLG

1

EA

0

CL

SE

1

3

2011

Non-tracked item fulfillments will be updated to show the assigned quantities:

Sales Fulfillment - ORD1010

Select a line item:

Show all lines

Item Number	Descr	Qty
128 SDRAM	128 meg S...	0
WIRE-MCD-0001	Multi cond...	0
100XLG	Green Pho...	0

Fulfillment Detail:

Not Serial/Lot Tracked	Qty	Bin
<input type="checkbox"/> c	=	<input type="checkbox"/> c
2 AUTOCREATE		

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

Select a line item:			Fulfillment Detail:		
<input checked="" type="checkbox"/> Show all lines					
Item Number	Descr	Qty	Lot Numbers	Qty	Bin
128 SDRAM	128 meg S...	0	<input type="text" value=""/>	=	<input type="text" value=""/>
WIRE-MCD-0001	Multi cond...	0	LOT B	1	AUTOCREATE
100XLG	Green Pho...	0	LOT1	1	AUTOCREATE

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

Select a line item:			Fulfillment Detail:		
<input checked="" type="checkbox"/> Show all lines					
Item Number	Descr	Qty	Serial Numbers	Qty	Bin
128 SDRAM	128 meg S...	0	<input type="text" value=""/>	=	<input type="text" value=""/>
WIRE-MCD-0001	Multi cond...	0	5	1	AUTOCREATE
100XLG	Green Pho...	0	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

Shipping Header:

ASN Number: Carrier Code: Shipping Method: Shipping Date: Shipping Cost: Ship Co
 Bill of Lading: Carrier Pro Num: Shipping Weight: Delivery Date: ASN Ser

Number	Weight	Height	Width	Length	Tracking:	SSCC
LP000000011	175.00	0.00	0.00	0.00	123456789...	0007654321...
LP000000012	175.00	0.00	0.00	0.00	123456789...	0007654321...

Items for LP000000011

Item Number:	UoM	Serial L...	Qty
128 SDRAM	EACH		1
WIRE-MCD-0001	FOOT	LOT B	1
100XLG	Each	5	1