



## **EDI Integration For Dynamics-NAV**

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## **Introduction**

The EDI Integration with Dynamics-NAV add-on allows:

Importing Purchase Orders from True Commerce Integrator as Sales Orders in Dynamics-NAV (850 format).

Exporting Sales Documents from Dynamics-NAV to True Commerce Integrator (810 format).

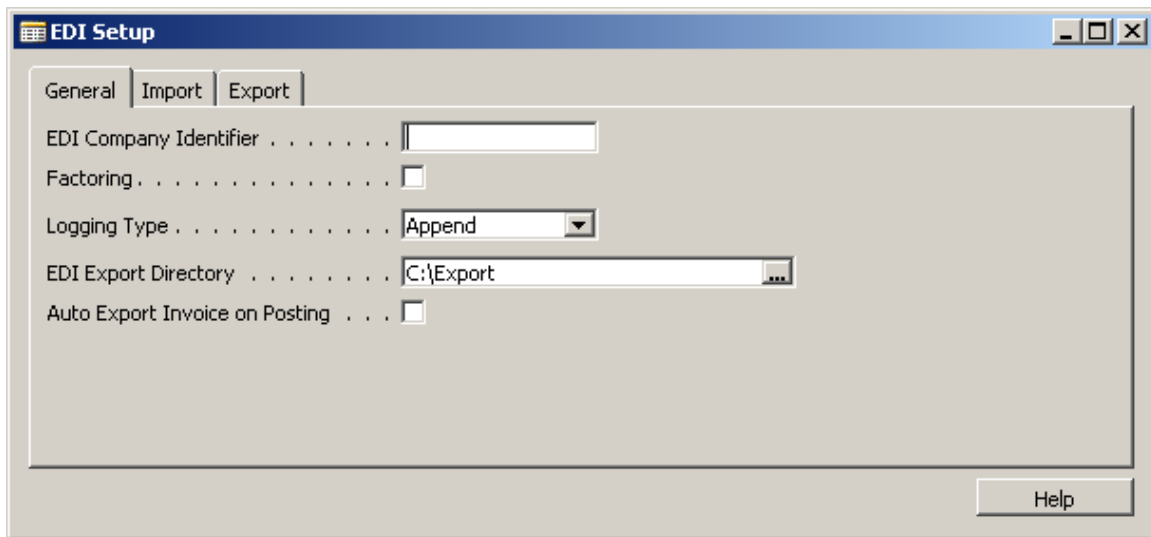
Exporting ASN notifications.

Import to and Export from True Commerce Integrator are implemented through flat files. Dynamics-NAV reads flat file, parses lines and imports fields into Dynamics-NAV tables. Dynamics-NAV reads the Sales Document tables and exports to flat file.

## Sales Import and Export

### EDI Setup

The **EDI Setup** has been added under the to the **Sales & Marketing > Setup** menu.



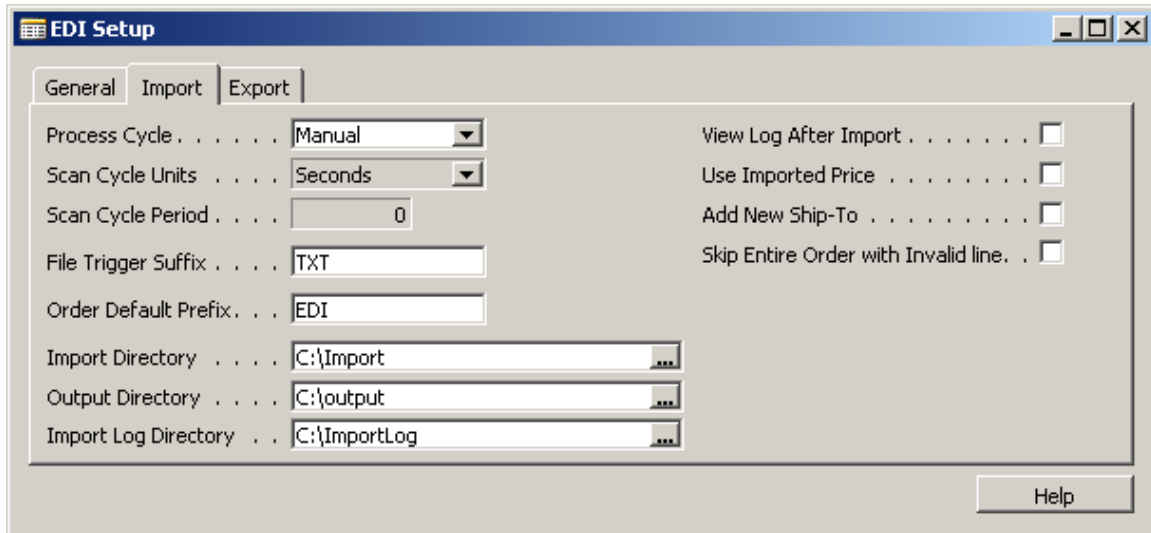
**Logging Type** can be set to **Append** or **Separate**.

**Append** means one single log file to which new information is appended each time import/export is done.

**Separate** means new log file is created each time import/export is run.

The **EDI Export Directory** will be used for Sales Documents export files.

Check the **Auto Export Invoice On Posting** box, to have Posted Invoices automatically exported at the moment they are posted.



The **Process Cycle** can be set to **Manual** or **Automatic**. **Manual** means the program will scan the import folder and process all files with the correct file trigger suffix and then exit.

**Automatic** means the program will scan the input directory at regular intervals.

The **Scan Cycle Units** can be set to **Seconds**, **Minutes** or **Hours**, if the **Automatic** mode is selected.

The **Scan Cycle Period** is number of **Scan Cycle Units** to wait before each scanning in **Automatic** mode.

The **File trigger suffix** is set to let the program know which type of files should be imported.

You can import tab-delimited text files or comma-separated values files.

Select the **Import Directory**, where the program will look for the files to be imported.

Select the **Output Directory**, where the output information will be saved after import.

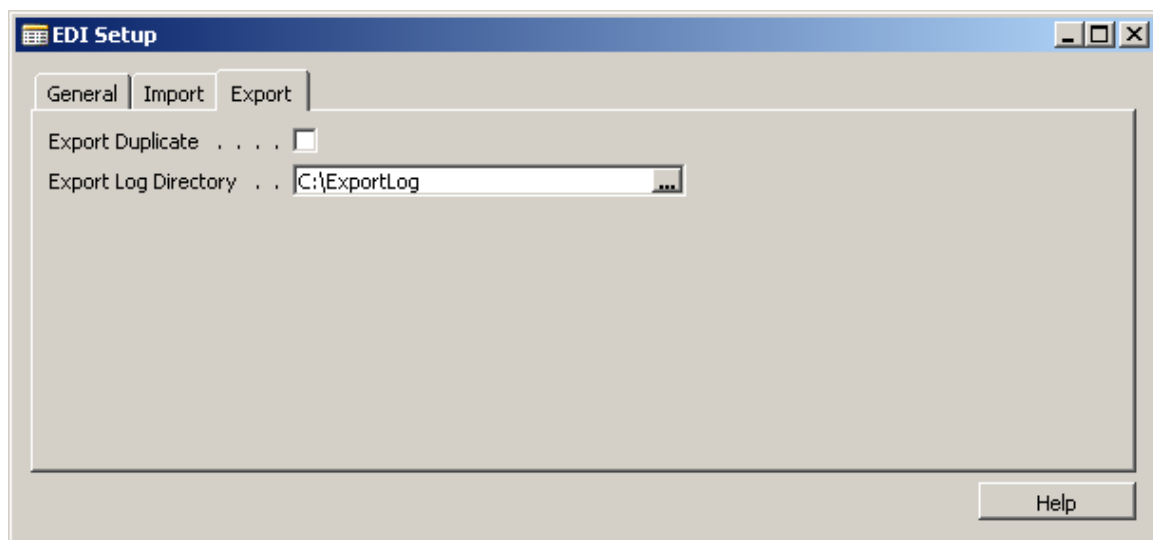
The **Import Log Directory** will be used for placing generated log files after **Import**.

Check the **View Log after Import** box to have the generated log file displayed when the Import is finished.

Check the **Use imported Price** to take the prices from the import file instead of using the system price of items.

Check the **Add new Ship-To** box, to add the Ship-To addresses not found in the system, from the import file.

Check the **Skip entire Order with invalid line** box, to not import the entire order if even one of its lines is invalid. If this check box is cleared, only the invalid line will not be imported, but the rest of the order will be.

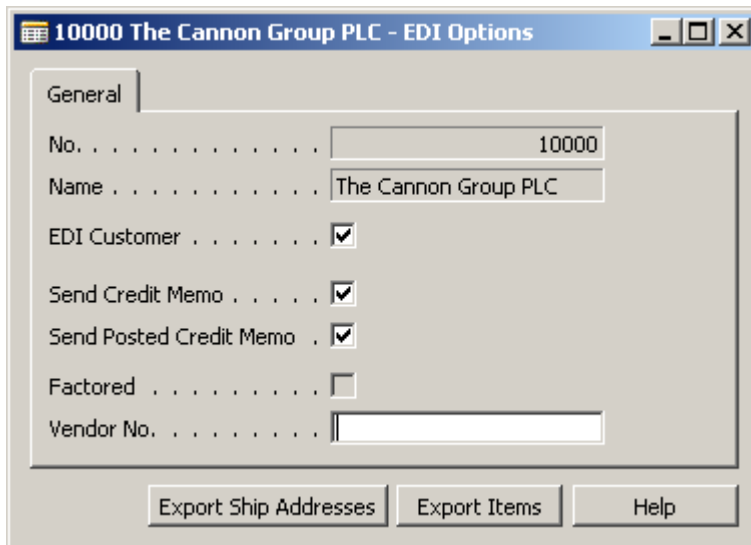
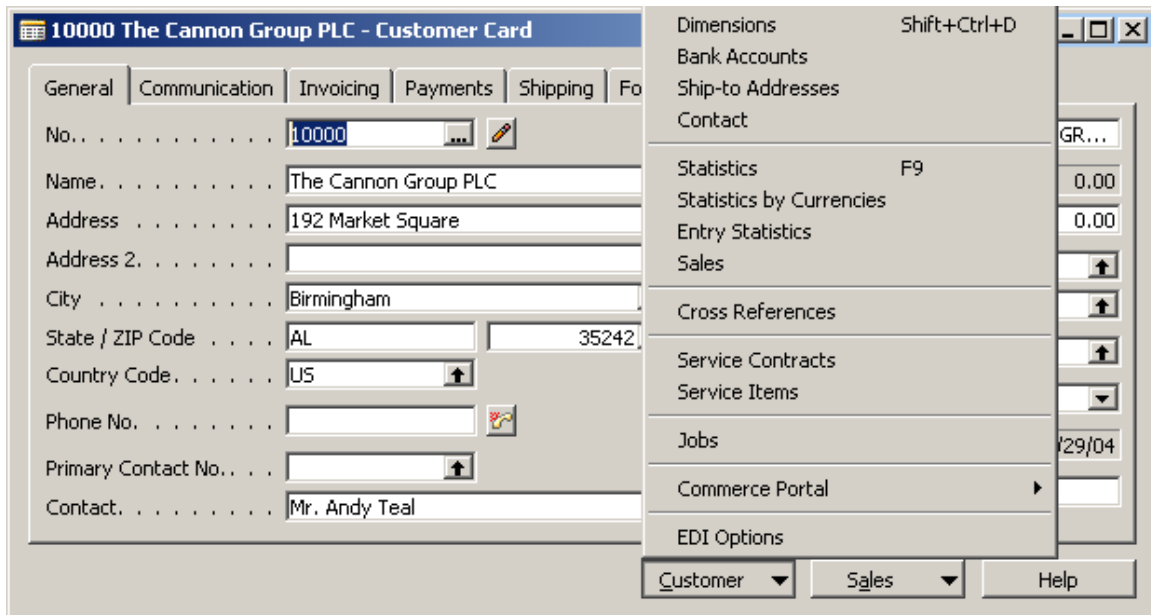


You can choose to include already exported documents in the export, by checking the **Export Duplicate** box.

The **Export Log Directory** will be used for placing generated log files after **Export**.

## EDI Customers

The **EDI Options** item has been added to the **Customer** button of the **Customer Card**.



Checking the **EDI Customer** box is necessary to include the **Customer** in the **Invoice Export**.

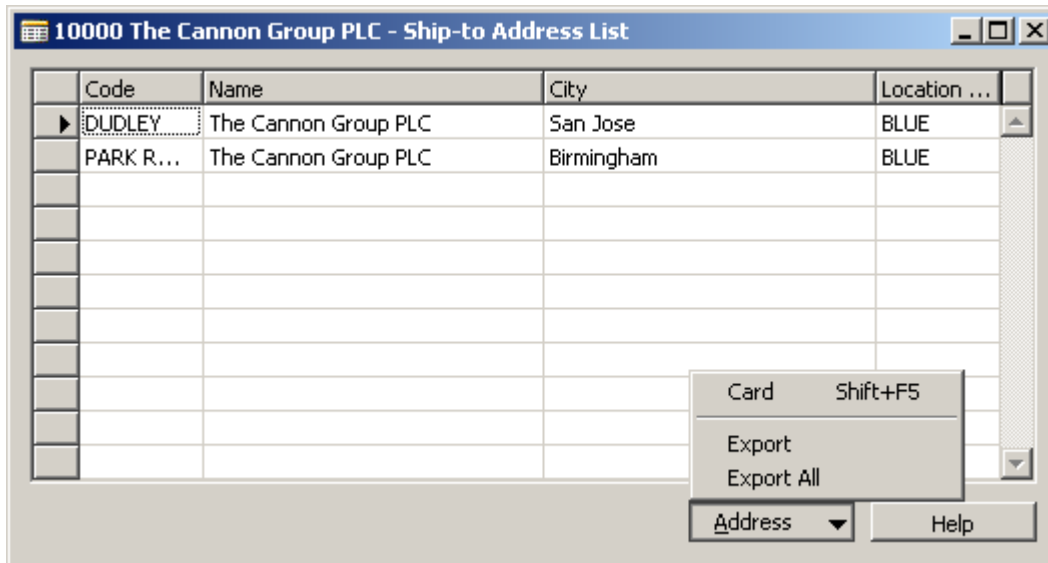
Note that **Order Import** is not affected by this setting.

You can choose to **Send Credit Memos** and **Posted Credit Memos** or not.

The **Vendor Number** is the number of the corresponding Trading Partner.

The **Export Ship Addresses** and **Export Items** buttons are available only for **EDI Customers**.

Click the **Export Ship Addresses** button to open the Ship-to Address List, where you can select Addresses for exporting.

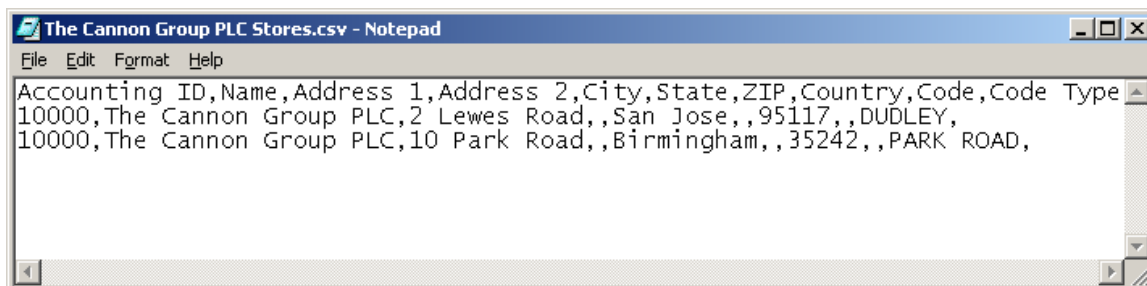


You can **Export** the selected Ship-to Addresses or **Export All** addresses.

Ship-to Addresses are exported to a comma separated values format file.

The name of the exported file is formed as "<CustomerName> Stores.csv".

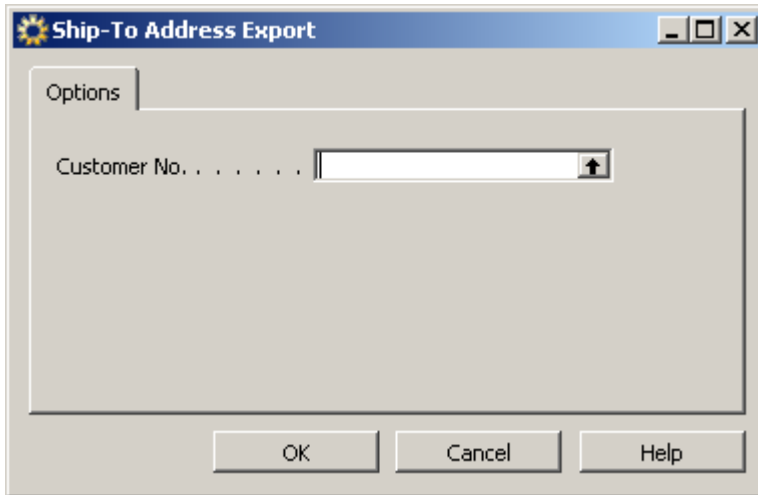
Here is an example of the exported file:





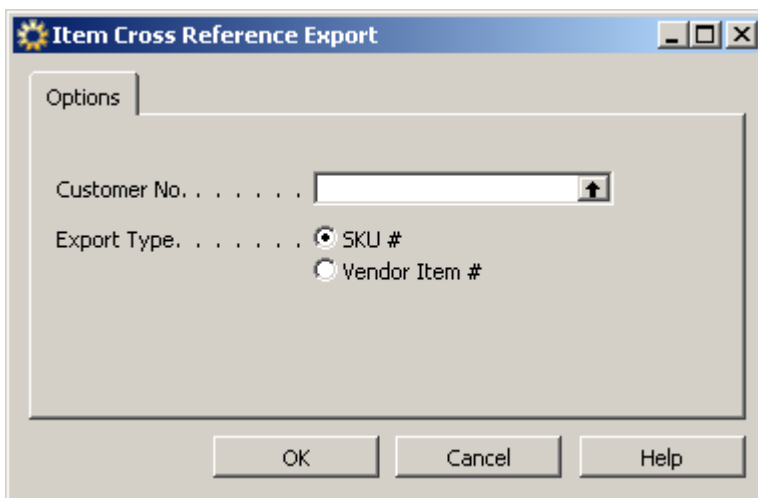
## Exporting Ship To Addresses and Items

The **Ship To Address Export** item has been added to the **Sales & Marketing > Sales > Periodic Activities** menu.



This allows for exporting Ship To Addresses of the selected range of Customers.

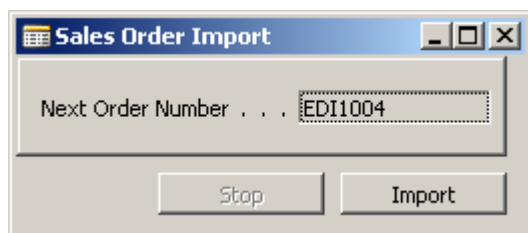
The **Item Cross Reference Export** item has been added to the **Warehouse > Inventory and Purchase > Inventory & Costing** menus.



This allows for exporting Item Cross References of the selected range of Customers, choosing exporting to **SKU #** or **Vendor Item #**.

## Sales Order Import

The **Sales Order Import** item has been added to the **Sales & Marketing > Order Processing** menu.



The system will assign the **Next Order Number** to the first generated order, and continue incrementing the order numbers.

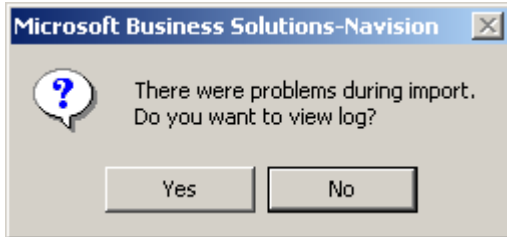
When you click the **Import** button, the program starts scanning the selected **Import Directory** for the files with extensions matching the **File Trigger Suffix**. The progress message is displayed during order import and invoice generation, showing the order/invoice number being processed.

The log file is placed in the **Import Log Directory** specified in the **EDI Setup**.

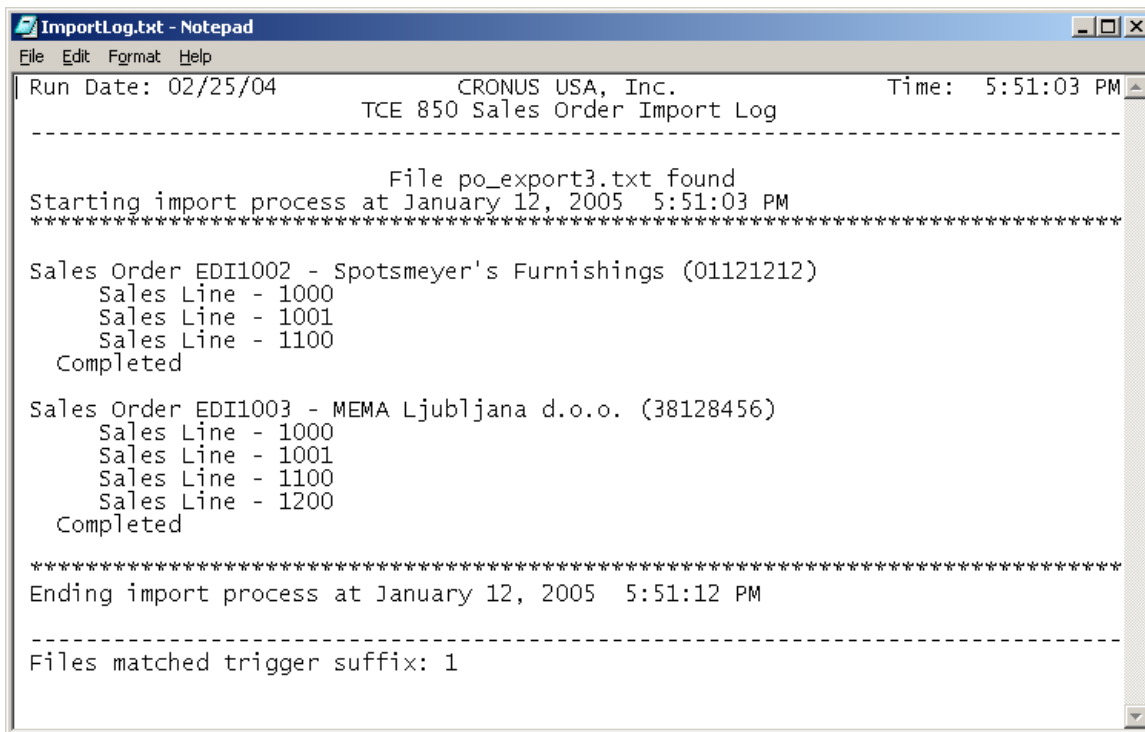
The successfully processed import files are moved to the **Output Directory**.

Import files with errors, which the program could not process, will be renamed to the ".err" extension.

If there are any problems during import, corresponding message is displayed, from where you can choose to view the log file, even if the **View Log after Import** box is not checked.



Here is an example of log file:



After finishing the import/generation, the program displays the imported documents.

Here is an example of imported sales order:

EDI1002 Spotsmeyer's Furnishings - Sales Order

General | Invoicing | Shipping | Foreign Trade | E - Commerce

No. . . . . EDI1002 . . . . . Posting Date . . . . . 02/25/04  
Sell-to Customer No. . . . . 01121212 . . . . . Order Date . . . . . 02/25/04  
Sell-to Contact No. . . . . CT000006 . . . . . Document Date . . . . . 02/25/04  
Sell-to Customer Name . . . . . Spotsmeyer's Furnishings . . . . . Requested Delivery Date . . . . .  
Sell-to Address . . . . . 612 South Sunset Drive . . . . . Promised Delivery Date . . . . .  
Sell-to Address 2 . . . . . . . . . . External Document No. . . . .  
Sell-to City . . . . . Miami . . . . . Salesperson Code . . . . . P5 . . . . .  
Sell-to State / ZIP Code . . . . . FL . . . . . 37125 . . . . . Campaign No. . . . . . . . . .  
Sell-to Contact . . . . . Mr. Mike Nash . . . . . Responsibility Center . . . . .  
No. of Archived Versions: . . . . . 0 . . . . . Status . . . . . Open

T..	No.	Description	Location ...	Quantity	Reserve...	Unit of M...	Unit Pric...
I...	1000	Bicycle	YELLOW	20		PCS	4,000.00
I...	1001	Touring Bicycle	YELLOW	20		PCS	4,000.00
I...	1100	Front Wheel	YELLOW	20		PCS	1,000.00

Customer Information

- Sell-to Customer
- Ship-to Addresses (0)
- Contacts (2)
- Bill-to Customer
- Avail. Credit 0
- Sales History

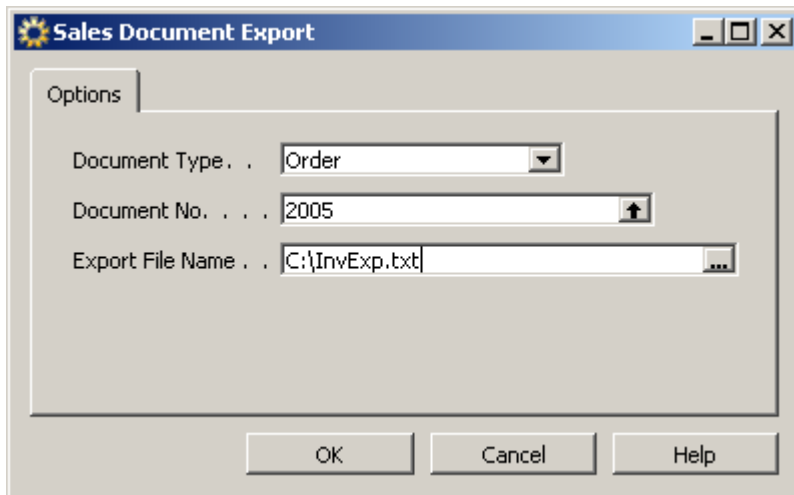
Item Information

- Item Card
- Availability (-20)
- Substitutions (0)
- Sales Prices (0)
- Sales Line Di... (2)

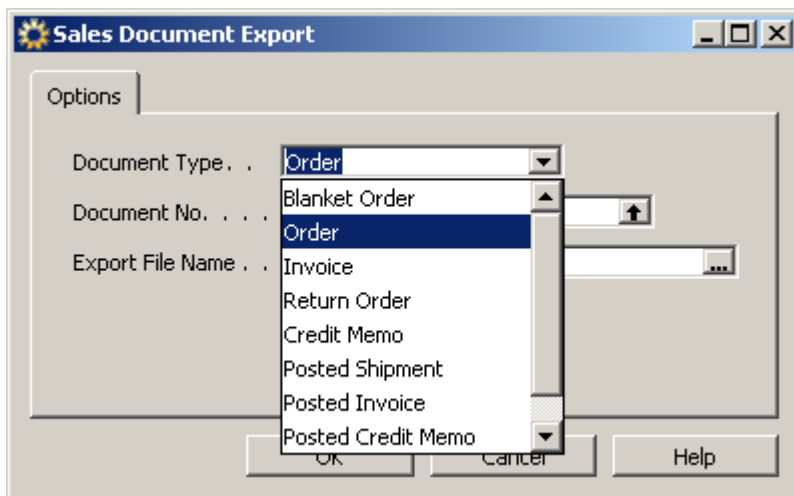
Order | Line | Functions | Posting | Print... | Help

## *Sales Document Export*

The **Sales Document Export** item has been added to the **Sales & Marketing > Order Processing** menu.



You can select from different **Document Types** to be exported.

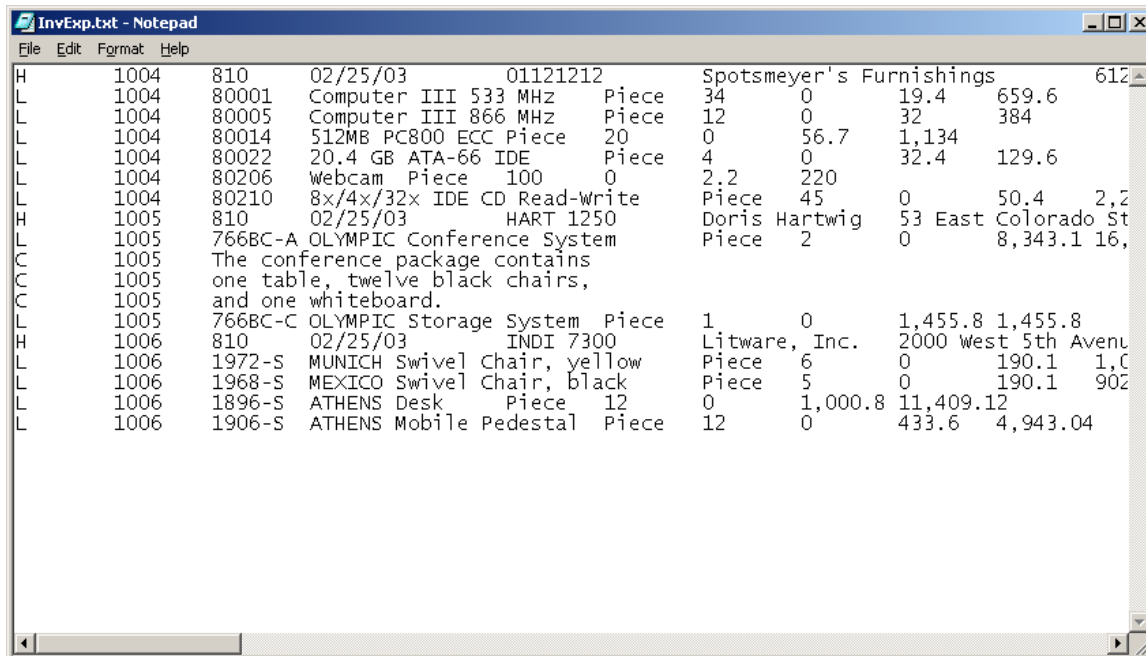


Enter or select the **Document Number** to be exported.

Enter or browse to the file where invoices will be exported.

The program exports information in the tab-delimited text file format.

Here is an example of the exported file:



```
InvExp.txt - Notepad
File Edit Format Help
H 1004 810 02/25/03 01121212 Spotsmeyer's Furnishings 612
L 1004 80001 Computer III 533 MHz Piece 34 0 19.4 659.6
L 1004 80005 Computer III 866 MHz Piece 12 0 32 384
L 1004 80014 512MB PC800 ECC Piece 20 0 56.7 1,134
L 1004 80022 20.4 GB ATA-66 IDE Piece 4 0 32.4 129.6
L 1004 80206 Webcam Piece 100 0 2.2 220
L 1004 80210 8x/4x/32x IDE CD Read-Write Piece 45 0 50.4 2,2
H 1005 810 02/25/03 HART 1250 Doris Hartwig 53 East Colorado St
L 1005 766BC-A OLYMPIC Conference System Piece 2 0 8,343.1 16,
C 1005 The conference package contains
C 1005 one table, twelve black chairs,
C 1005 and one whiteboard.
L 1005 766BC-C OLYMPIC Storage System Piece 1 0 1,455.8 1,455.8
H 1006 810 02/25/03 INDI 7300 Litware, Inc. 2000 West 5th Avenu
L 1006 1972-S MUNICH Swivel Chair, yellow Piece 6 0 190.1 1,0
L 1006 1968-S MEXICO Swivel Chair, black Piece 5 0 190.1 902
L 1006 1896-S ATHENS Desk Piece 12 0 1,000.8 11,409.12
L 1006 1906-S ATHENS Mobile Pedestal Piece 12 0 433.6 4,943.04
```

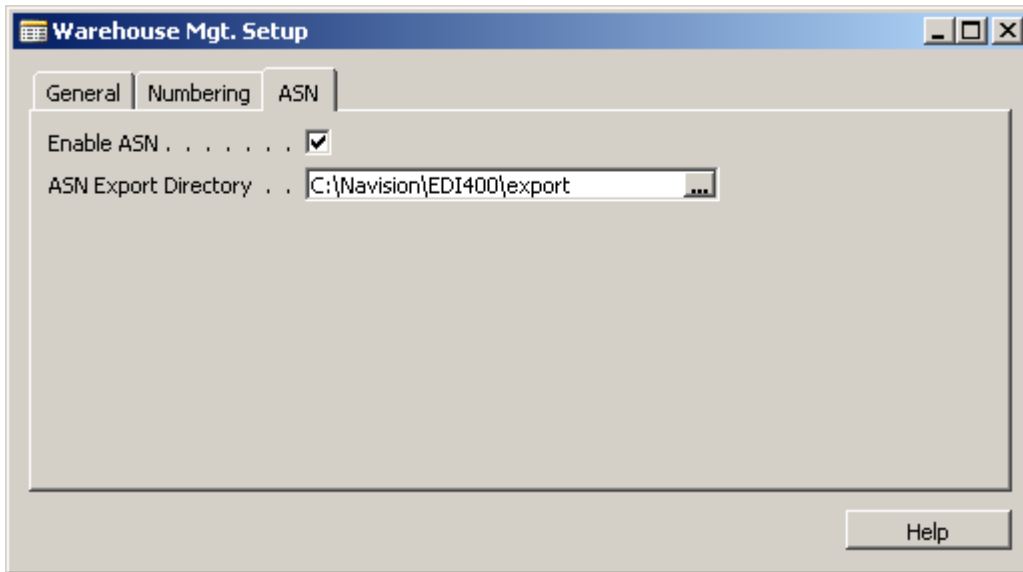
The log file is placed in the **Export Log Directory** specified in the **EDI Setup**.

A message is displayed after export, displaying the number of exported documents and suggesting viewing the generated log.

## ASN Processing

### Warehouse Setup

The ASN tab has been added to the **Warehouse Setup**.



Check the **Enable ASN** box, to have ASN's exported in the system.

The **ASN Export Directory** will be used for ASN export files.

## Customer ASN Required

The **ASN Required** check box has been added to the **Shipping** tab of the **Customer Card**.

The screenshot shows a software window titled "10000 The Cannon Group PLC - Customer Card". It has several tabs: "General", "Communication", "Invoicing", "Payments", "Shipping", "Foreign Trade", and "Commerce Portal". The "Shipping" tab is active. The fields are arranged in two columns:

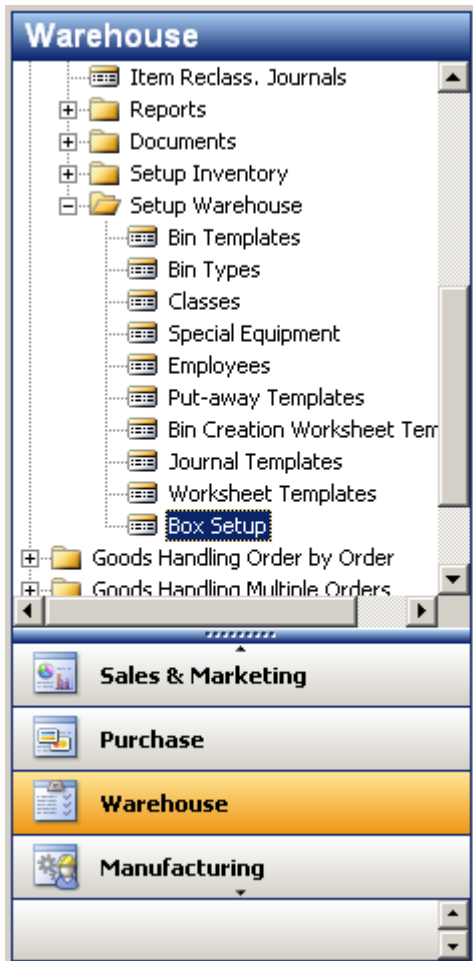
Field	Value
Location Code	BLUE
Combine Shipments	<input checked="" type="checkbox"/>
Reserve	Optional
Shipping Advice	Partial
Shipment Method Code	EXW
Shipping Agent Code	DHL
Shipping Agent Servi...	OVERNIGHT
Shipping Time	1D
Base Calendar Code	
Customized Calendar	No
ASN Required	<input checked="" type="checkbox"/>

At the bottom of the window, there are three buttons: "Customer", "Sales", and "Help".

ASN's will not be exported for **Customers** without **ASN Required** option selected.

## Box Setup

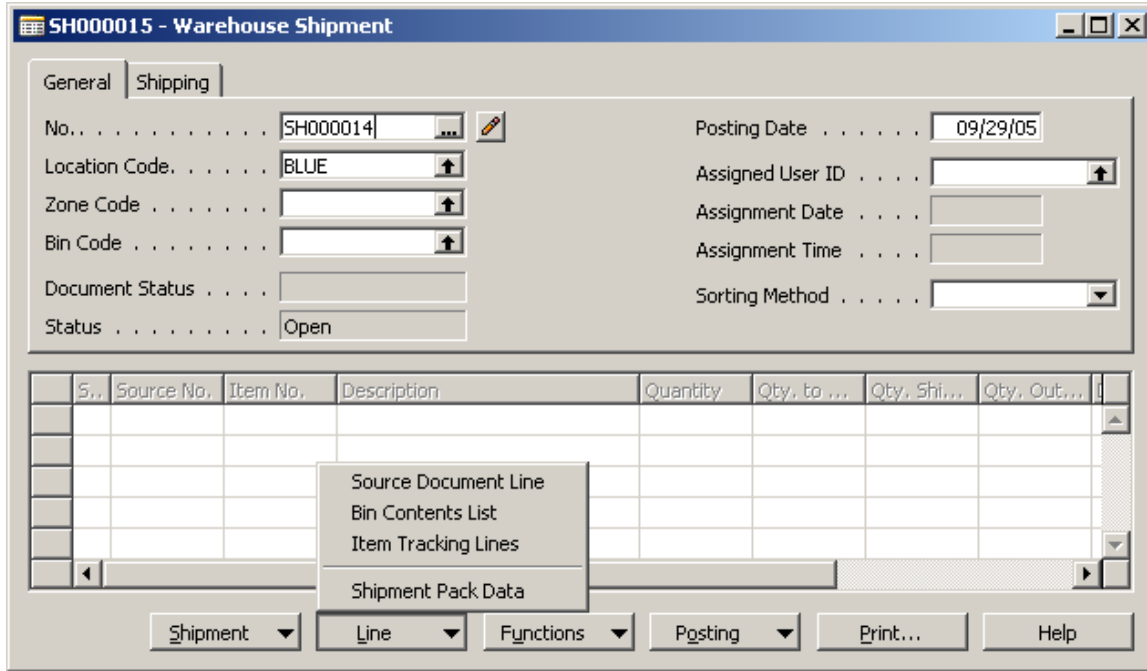
The **Box Setup** item has been added under **Warehouse> Planning & Execution> Setup Warehouse** menu to allow user creating Box Types.



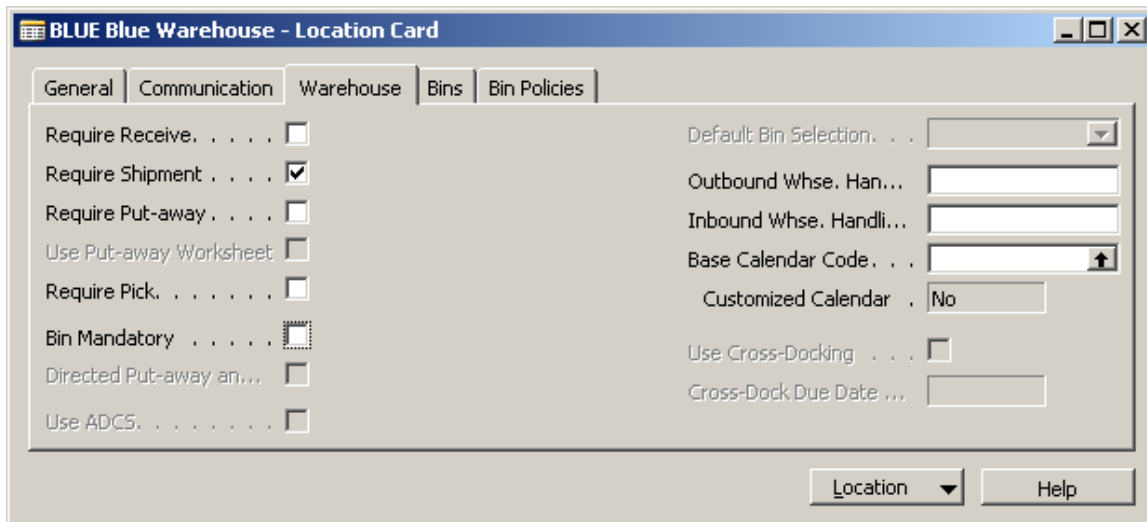


## Shipment Pack Data

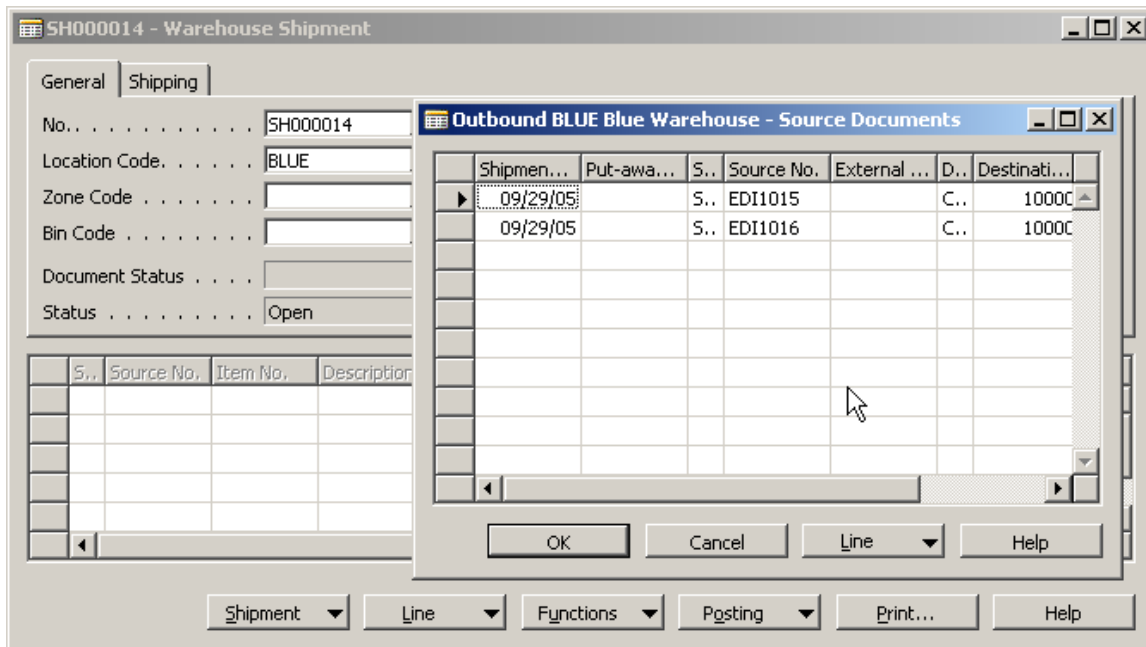
The **Shipment Pack Data** option has been added to the **Line** menu button of the **Warehouse Shipment** screen.



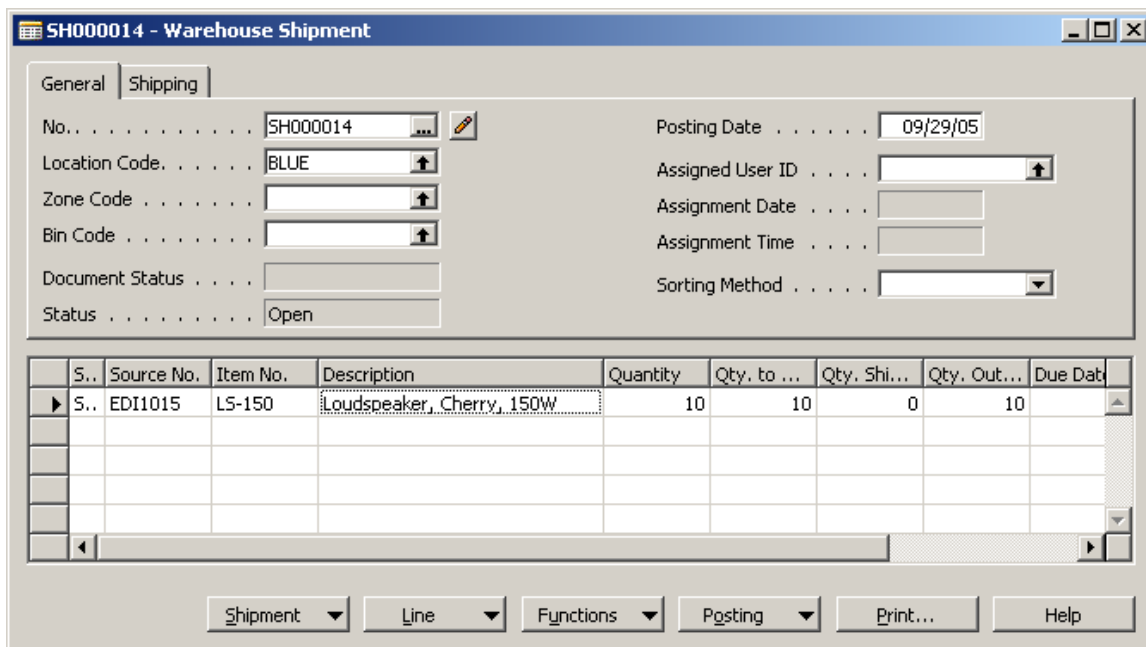
The **Require Shipment** check box must be selected for the specified **Location Code**.



Select the **Get Source Documents** item from the **Functions** menu button of the **Warehouse Shipment** screen.



The **Source Documents** screen is opened.  
 The released orders, which **Location Code** is the same as specified on the **Warehouse Shipment** screen are displayed.  
 Select a line and click OK.



Select the **Shipment Pack Data** option from the **Line** menu button.

The following screen is opened:

Package Data		
ASN Pack No. . . . .	1001	
Box Type . . . . .	BOX1	
Package Width .	17.00	Package Height . 25.00
Package Length .	9.00	
Package Weight .	0.25	Package UOM . BOX
Package Size . .	3825	
UPC No. . . . .	1001	
UPC UOM . . . .	BOX	
UPC Qty. per Pack. . . .	2.00	

OK Cancel Help

When selecting the **Box Type**, data of the Width, Height, Length and Weight Factor fields on the **Box Dimension Card** are filled in the corresponding **Package Width**, **Package Weight**, **Package Length** and **Package Height** fields.

During **Shipment Posting**, the ASN document will be exported, including the new fields entered in the new **Shipment Pack Data** window. Only the lines of the **Orders** having **Customers** with **ASN Required** specified will be exported.