



# **POP to SOP**

**for Microsoft Dynamics GP 9 & 10**

**Install and User Guide**



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## InterCompany POP to SOP Integration Overview

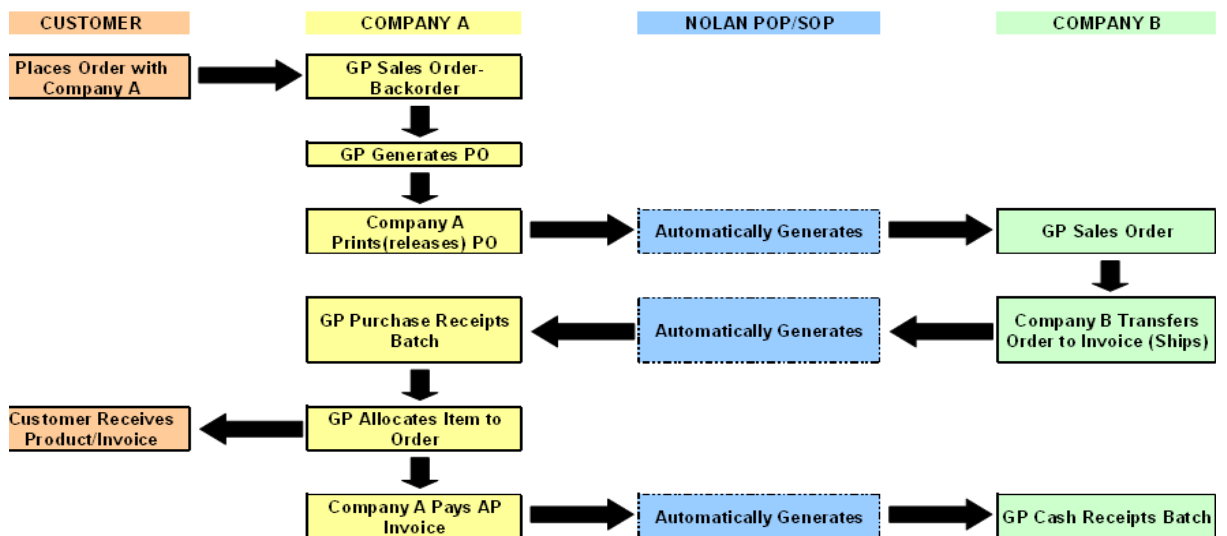
IC POP to SOP allows for the creation of Intercompany Trading Relationships. It is ideal for related companies that buy and sell inventory items between GP databases. It was designed primarily for manufacturing and distribution companies that maintain a centralized inventory.

It provides an automated loop to keep purchase orders, sales transactions, receipts, and payments in balance between related companies. IC POP to SOP eliminates the need for duplicate data entry in multiple databases.

### Steps:

1. Releasing a Purchase Order created in company A, automatically creates the corresponding Sales Order in company B.
2. Transferring the Sales Order in Company B to an Invoice, automatically creates a Purchase Receipt in Company A.
3. Processing a payment on the AP document in Company A automatically generates a Cash Receipt batch in Company B.

The following is a flowchart showing the interactions of documents using POP to SOP:



## SETUP

### Installation

Before installing Nolan Business Solutions' IC POP to SOP, please ensure that there are no users logged into Microsoft Dynamics GP as this could adversely affect the installation process.

This process will need to be completed on all workstations on which Dynamics GP is installed. However, if Dynamics GP is run from a network (DYNAMICS.dic is installed in a network location), you only need to install to that location.

1. Launch the install application (provided by Nolan US Office [ussupport@NolanBusinessSolutions.com](mailto:ussupport@NolanBusinessSolutions.com)).
2. Follow the on-screen instructions to complete the install. The install will confirm the location of Dynamics GP and will install the Intercompany chunk file (.cnk) into this directory. (Note: If your download did not include an installer, you will need to manually move the files into your Dynamics GP directory.)
3. Once the install has completed, launch Dynamics GP to load the chunk (.cnk) file.

**Note:** Form security changes, additions to the menu structure, and any necessary file upgrades are not made during the previous application install process. Use the Install window to complete these tasks automatically by following the steps below.

The following steps need to be completed within Dynamics GP:

1. Make sure that no other users are logged into the system.
2. Start Dynamics GP – if you log in using the 'sa' user, the install window will automatically be added to your GP Shortcuts Menu (Skip to step 7). You **must** login as 'sa' to install when using Dynamics GP on a SQL database.
3. Open the 'Shortcut Bar' and select **Add**. Then select **Other Window**.
4. Expand the **NCL IC Order Processing** folder in the Available Windows list.
5. Expand the **Company** folder. Then select the **Install NCL IC Order Processing** window in the list and push the **Add** button.
6. Click on the **Done** button to close the Add Shortcut window.

7. Select **Install NCL IC Order Processing** from the Shortcut Bar. A window showing all the companies will appear, as illustrated below.



8. To register **IC POP to SOP**, enter your **Registration Keys** in the fields provided (You will have received these Registration Keys with your purchase of **IC POP to SOP**). Keys are required to enable use of **IC POP to SOP** in companies other than the sample company, 'Fabrikam, Inc.'.

**Note:** The registration keys may have a built-in expiration date. This information is displayed at the bottom of the window (to the left of the Install button).

9. Click on the **Register Button**, you will receive a message indicating that the Registration was successful.
10. For SQL Installations, make sure the **Build/Upgrade Tables** option is checked to create the tables on SQL, set the proper permissions and install stored procedures.
11. Check the **Set Alternate Forms and Reports option** to set default security for all users to access the Nolan Alternate Forms and Reports. This will not replace existing security settings (i.e. it will not grant a user access to postings screens if they did not have access to those screens previously.)
12. Use the **Mark/Unmark**, **Mark All** and **Unmark All** buttons to mark all the companies to install **IC POP to SOP** to. Finally, push the **Install** button.

The system automatically places all Intercompany windows on a new 'IC POP to SOP sub-menu on the affected Dynamics GP menus, for example Tools>Setup>Company>Nolan Business Solutions IC Order Processing will then list each of the IC POP to SOP setup screens.

## IC POP to SOP Setup Options

### Vendor and customer accounts

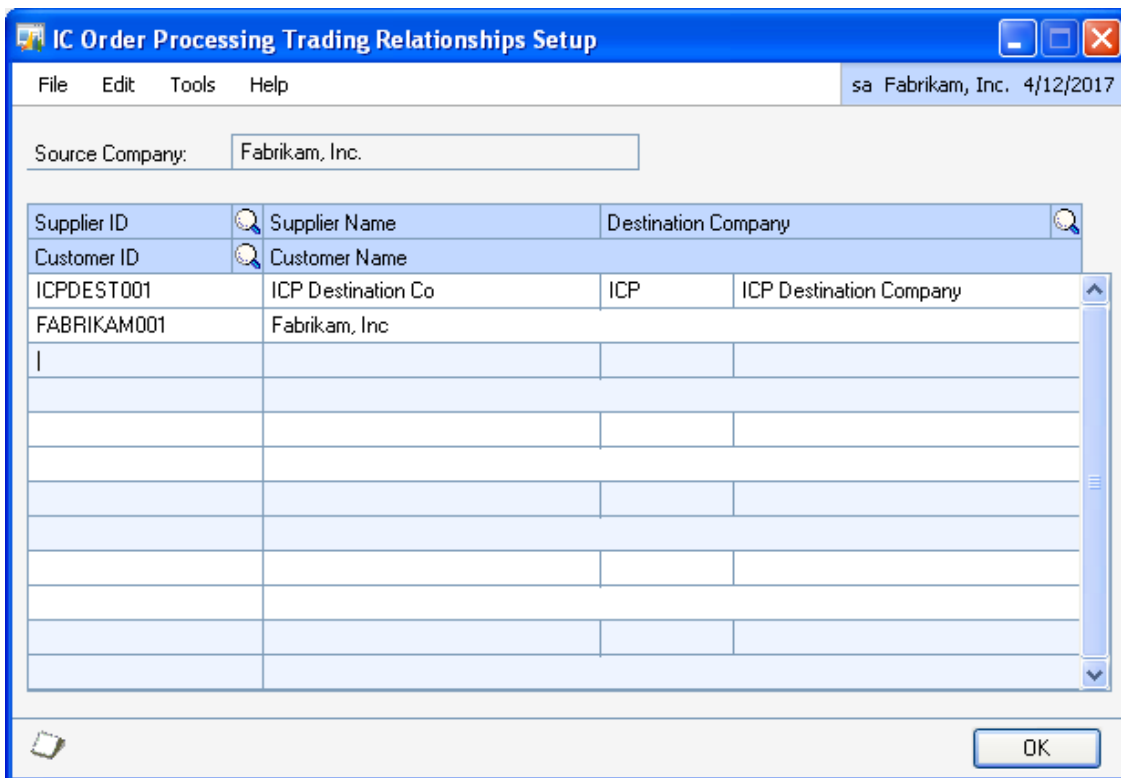
In the Source GP Company (the company that will initiate the process by creating a Purchase Order), Vendor IDs need to exist or be created for each of the companies to be connected. In the Destination Company (the company that will have the SOP document automatically created by the Source Company), Customer IDs need to exist or be created for each of the companies to be connected.

### Inventory Items

The Inventory IDs need to be identical in both the Source and Destination Companies.

### Setting up the trading relationships

Tools->Set-up->Company->Nolan Business Solutions IC Order Processing->Order Processing Trading Relationship Setup:



Supplier ID	Supplier Name	Destination Company	Customer ID
ICPDEST001	ICP Destination Co	ICP	ICP Destination Company
FABRIKAM001	Fabrikam, Inc		

The Trading Relationships Setup window is used to create the relationship between a Vendor in the Source Company and a Customer in the Destination Company.

The **Supplier ID** field is used to define the Vendor in the Source Company. Typically the Vendor name will be the name of the Destination Company.

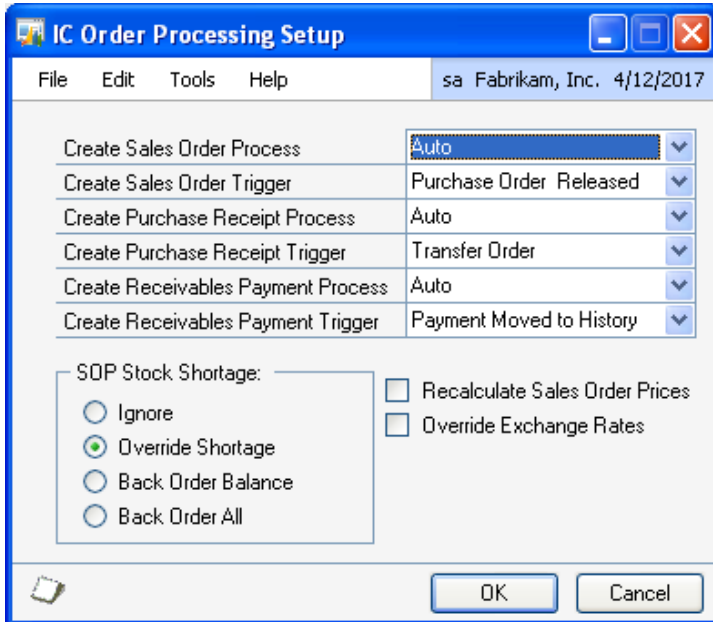
Select the **Destination Company** from the lookup window.

Finally, choose the **Customer ID** from the Destination Company. Typically the customer name will be the name of the Source Company.

In the example above, Fabrikam has been set-up to have a trading relationship the ICP Destination Company. Fabrikam is the Source Company and ICP Destination Company is the Destination Company.

## IC POP to SOP setup Options

Tools->Setup->Company->Nolan Business Solutions IC Order Processing->Order Processing Setup:



Setting	Value
Create Sales Order Process	Auto
Create Sales Order Trigger	Purchase Order Released
Create Purchase Receipt Process	Auto
Create Purchase Receipt Trigger	Transfer Order
Create Receivables Payment Process	Auto
Create Receivables Payment Trigger	Payment Moved to History

SOP Stock Shortage:

- Ignore
- Override Shortage
- Back Order Balance
- Back Order All

Recalculate Sales Order Prices  
 Override Exchange Rates

This setup window allows the user to enable or disable the automatic processing for Intercompany POP to SOP. To initiate the first step in the IC POP to SOP process, the **Create Sales Order Process** must be set to Auto or Manual. The **Create Sales Order Trigger** option is fixed. When a Purchase Order is Released in the Source Company by Printing the Purchase Order, IC POP to SOP automatically creates a SOP Order in the Destination Company.

To initiate the second step in the IC POP to SOP process, the **Create Purchase Receipt Process** must be set to Auto or Manual. The **Create Purchase Receipt Trigger** option is fixed. When a SOP Order is transferred to an Invoice in the Destination Company, IC POP to SOP automatically creates a Purchase Receipt in the Source Company.

To initiate the final step in the IC POP to SOP process, the **Create Receivables Payment Process** must be set to Auto or Manual. The **Create Receivables Payment Trigger** option is fixed. When a Payment is posted to the AP document in the Source Company, IC POP to SOP automatically creates a Cash Receipt in the Destination Company.

Users may also determine how to handle **SOP Stock Shortages** in the Destination Company from this window.

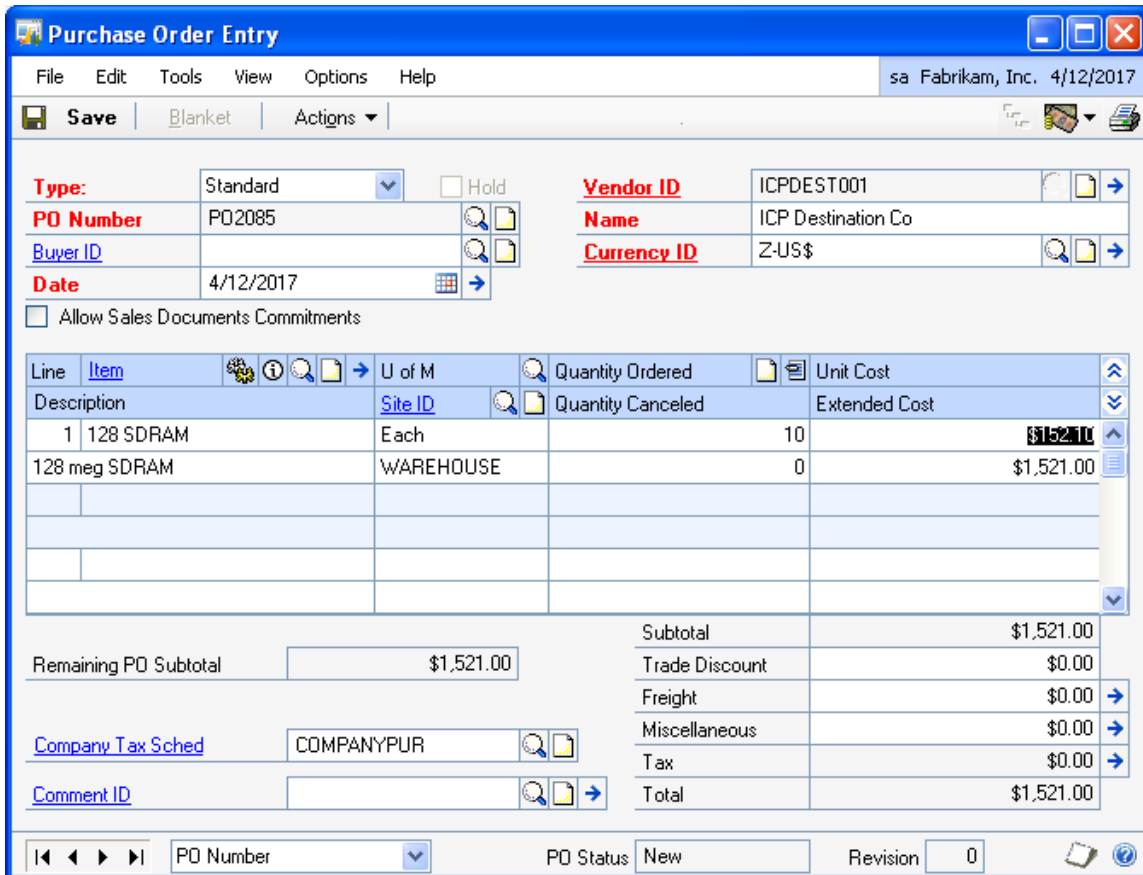
Checking the **Recalculate Sales Order Prices** option will use the default pricing from the Destination Company rather than the pricing on the original Purchase Order.

Checking the **Override Exchange Rate** option applies to Multi-Currency scenarios. If this option is checked, IC POP to SOP will use the same exchange rate for each document in the chain. If this option is not checked, GP will recalculate exchange rate when each document is created.

## EXAMPLE

### Create sales order process

Create a Purchase Order for a POP to SOP Vendor. Purchase Orders may be automatically generated using the GP Automatic Purchase Order Generation process from the SOP window, they may be generated from a Requisition System or they may be manually be created. When the Purchase Order is released (printed), IC POP to SOP automatically creates a SOP Order in the Destination Company.



**Purchase Order Entry**  
 File Edit Tools View Options Help sa Fabrikam, Inc. 4/12/2017

Save Blanket Actions

Type: Standard  Hold  
 PO Number: PO2085  
 Buyer ID:   
 Date: 4/12/2017  
 Allow Sales Documents Commitments

Vendor ID: ICPDEST001  
 Name: ICP Destination Co  
 Currency ID: Z-US\$

Line	Item	U of M	Quantity Ordered	Unit Cost
1	128 SDRAM	Each	10	\$152.10
	128 meg SDRAM	WAREHOUSE	0	\$1,521.00

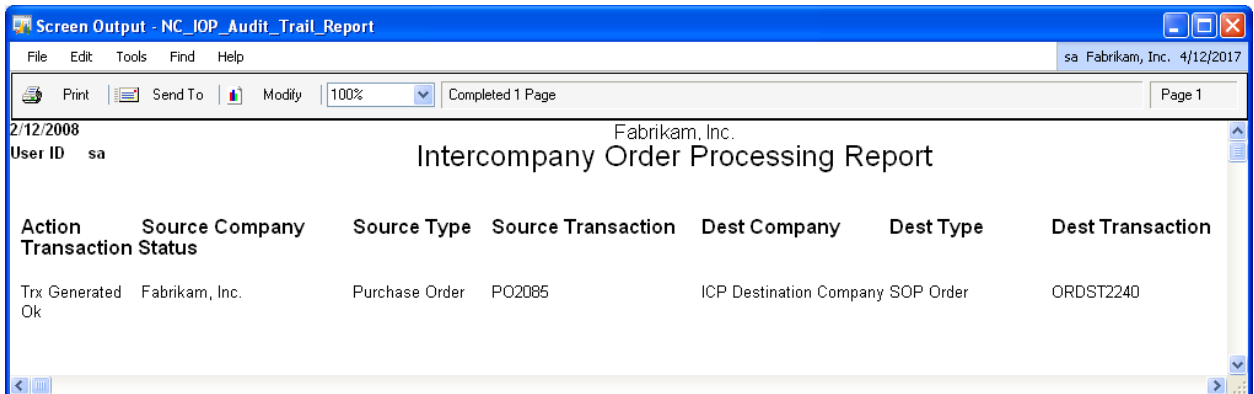
Remaining PO Subtotal: \$1,521.00

Company Tax Sched: COMPANYPUR

Comment ID:   
 Subtotal: \$1,521.00  
 Trade Discount: \$0.00  
 Freight: \$0.00  
 Miscellaneous: \$0.00  
 Tax: \$0.00  
 Total: \$1,521.00

PO Number: PO2085 PO Status: New Revision: 0

The Nolan IC Order Processing Report will display the Source Company PO information and the Destination Company SOP information.



Screen Output - NC\_IOP\_Audit\_Trail\_Report  
 File Edit Tools Find Help sa Fabrikam, Inc. 4/12/2017

Print Send To Modify 100% Completed 1 Page Page 1

2/12/2008 Fabrikam, Inc.  
 User ID sa

### Intercompany Order Processing Report

Action	Source Company	Source Type	Source Transaction	Dest Company	Dest Type	Dest Transaction
Trx Generated Ok	Fabrikam, Inc.	Purchase Order	PO2085	ICP Destination Company	SOP Order	ORDST2240



## Create Purchase Receipt Process

With the auto feature selected, transferring the Destination Company Sales Order to an Invoice automatically creates a Purchase Receipt in the Source Company.

**Sales Transaction Entry**

File Edit Tools View Options Additional Help sa ICP Destination Company 4/12/2017

Save Actions

**Type/Type ID:** Order STDORD **Date:** 4/12/2017

**Document No.:** ORDST2240 **Batch ID:** NC\_SOPPOP\_01

**Customer ID:** FABRIKAM001 **Default Site ID:** WAREHOUSE

**Customer Name:** Fabrikam, Inc. **Customer PO Number:** PO2085

**Ship To Address:** 4300 West Elm St. **Currency ID:** Z-US\$

Line Items by Order Entered

Item Number	D	U of M	Qty Ordered	Unit Price	Extended Price
128 SDRAM	<input type="checkbox"/>	Each	10	\$152.10	\$1,521.00
	<input type="checkbox"/>		0.00	\$0.00	\$0.00

Amount Received \$0.00  
 Terms Discount Taken \$0.00  
 On Account \$0.00  
 Comment ID

Subtotal \$1,521.00  
 Trade Discount \$0.00  
 Freight \$0.00  
 Miscellaneous \$0.00  
 Tax \$0.00  
 Total \$1,521.00

Holds User-Defined Distributions Commissions

by Document No. Document Status

**Screen Output - NC\_IOP\_Audit\_Trail\_Report**

File Edit Tools Find Help sa ICP Destination Company 4/12/2017

Print Send To Modify 100% Completed 1 Page Page 1

2/12/2008 ICP Destination Company  
 User ID sa Intercompany Order Processing Report

Action	Source Company	Source Type	Source Transaction	Dest Company	Dest Type	Dest Transaction
Trx Generated Ok	ICP Destination Company	SOP Order	ORDST2240	Fabrikam, Inc.	POP Invoice	RCT1174



**Sales Transaction Entry** sa ICP Destination Company 4/12/2017

File Edit Tools View Options Additional Help

Save Actions

**Type/Type ID:** Invoice STDINV **Date:** 04/12/2017

**Document No.:** STDINV2271 **Batch ID:** NC\_SOPPOP\_01

**Customer ID:** FABRIKAM001 **Default Site ID:** WAREHOUSE

**Customer Name:** Fabrikam, Inc **Customer PO Number:** PO2085

**Ship To Address:** 4300 West Elm St **Currency ID:** Z-US\$

Line Items by Order Entered

Item Number	D	U of M	Invoice Quantity	Unit Price	Extended Price
128 SDRAM	<input type="checkbox"/>	Each	10	\$152.10	\$1,521.00
	<input type="checkbox"/>		0.00	\$0.00	\$0.00

Amount Received \$0.00  
 Terms Discount Taken \$0.00  
 On Account \$1,521.00  
 Comment ID

Subtotal \$1,521.00  
 Trade Discount \$0.00  
 Freight \$0.00  
 Miscellaneous \$0.00  
 Tax \$0.00  
 Total \$1,521.00

Holds User-Defined Distributions Commissions

by Document No. Document Status

In the Source Company a Purchase Receipt Batch has been created and is ready to post.



**Receivings Transaction Entry**

File Edit Tools View Options Help sa Fabrikam, Inc. 4/12/2017

Save Delete Void Post Auto-Rcv Reports

**Type:** Shipment/Invoice  
**Receipt No.:** RCT1174  
**Vendor Doc. No.:** S101NV2271  
**Date:** 4/12/2017  
**Batch ID:** NC\_SOPPOP\_01

**Vendor ID:** ICPDEST001  
**Name:** ICP Destination Co  
**Currency ID:** Z-US\$

PO Number	Item	Qty Shipped	Unit Cost
U of M	Site ID	Quantity Ordered	Quantity Invoiced
Description		Previously Shipped	Previously Invoiced
PO2085	128 SDRAM	10	\$152.10
Each	WAREHOUSE	10	\$1,521.00
	128 meg SDRAM		10
		0.00	\$0.00
		0.00	\$0.00
		0.00	\$0.00
		0.00	\$0.00

1099 Amount \$0.00  
**Payment Terms:** Net 30  
**Landed Cost Func. Total:** \$0.00

**Company Tax Sched:**

Subtotal \$1,521.00  
 Trade Discount \$0.00  
 Freight \$0.00  
 Miscellaneous \$0.00  
 Tax \$0.00  
**Total:** \$1,521.00

Landed Cost Distributions User-Defined

Receipt Number

## Create Receivables Payment Process

With the auto option on, when a payment is made against the outstanding AP invoice in the Source Company, a Cash Receipt Batch is automatically generated and applied to the AR invoice in the Destination Company.

The Sales Invoice in the Destination Company needs to be posted before the payment is processed in the Source Company. If the Invoice has not been posted, a message will appear in the Intercompany Order Processing Report telling the user to post the invoice.

The cash receipt will appear in the Destination Company Cash Receipt Screen with the following note in the reference field "This document came from SOP/POP".

## Inquiry Window

Inquiry->Company->NC Order Processing->Order Processing Window

**IC Order Processing Enquiry** sa Fabrikam, Inc. 4/12/2017

File Edit Tools Help

OK Redisplay

Documents: Purchase Order  All  From:  To:

Source Company	Vendor ID	Vendor Name	Dest Company	Customer Number	Customer Name
<b>TWO</b>	<b>ICPDEST001</b>	<b>ICP Destination Co</b>	<b>ICP</b>	<b>FABRIKAM001</b>	<b>Fabrikam, Inc</b>
Purchase Order	PO2083	Amount	\$3,042.00	Sales Order	ORDST2238
Receipt/Invoice	RCT1172	Amount	\$3,042.00	Sales Invoice	STDINV2269
Invoice Amount Remaining	\$1,042.00			Invoice Amount Remaining	\$1,042.00
<b>TWO</b>	<b>ICPDEST001</b>	<b>ICP Destination Co</b>	<b>ICP</b>	<b>FABRIKAM001</b>	<b>Fabrikam, Inc</b>
Purchase Order	PO2084	Amount	\$4,563.00	Sales Order	ORDST2239
Receipt/Invoice	RCT1173	Amount	\$4,563.00	Sales Invoice	STDINV2270
Invoice Amount Remaining	\$3,563.00			Invoice Amount Remaining	\$4,563.00
<b>TWO</b>	<b>ICPDEST001</b>	<b>ICP Destination Co</b>	<b>ICP</b>	<b>FABRIKAM001</b>	<b>Fabrikam, Inc</b>
Purchase Order	PO2085	Amount	\$1,521.00	Sales Order	ORDST2240
Receipt/Invoice	RCT1174	Amount	\$1,521.00	Sales Invoice	STDINV2271
Invoice Amount Remaining	\$521.00			Invoice Amount Remaining	\$1,521.00

Source Company

**IC Order Processing Payment Enquiry** sa Fabrikam, Inc. 4/12/2017

File Edit Tools Help

OK

Source Company	TWO	Fabrikam, Inc.	Dest Company	ICP	ICP Destination Company
Vendor ID	ICPDEST001		Customer Number	FABRIKAM001	
Vendor Name	ICP Destination Co		Customer Name	Fabrikam, Inc	
Purchase Order	PO2085		Sales Order	ORDST2240	
Receipt/Invoice	RCT1174		Sales Invoice	STDINV2271	

Order Remaining Amount: \$1,521.00

Order/Invoice Status: Purchasing Invoice/Shipment Created

Message: Ok

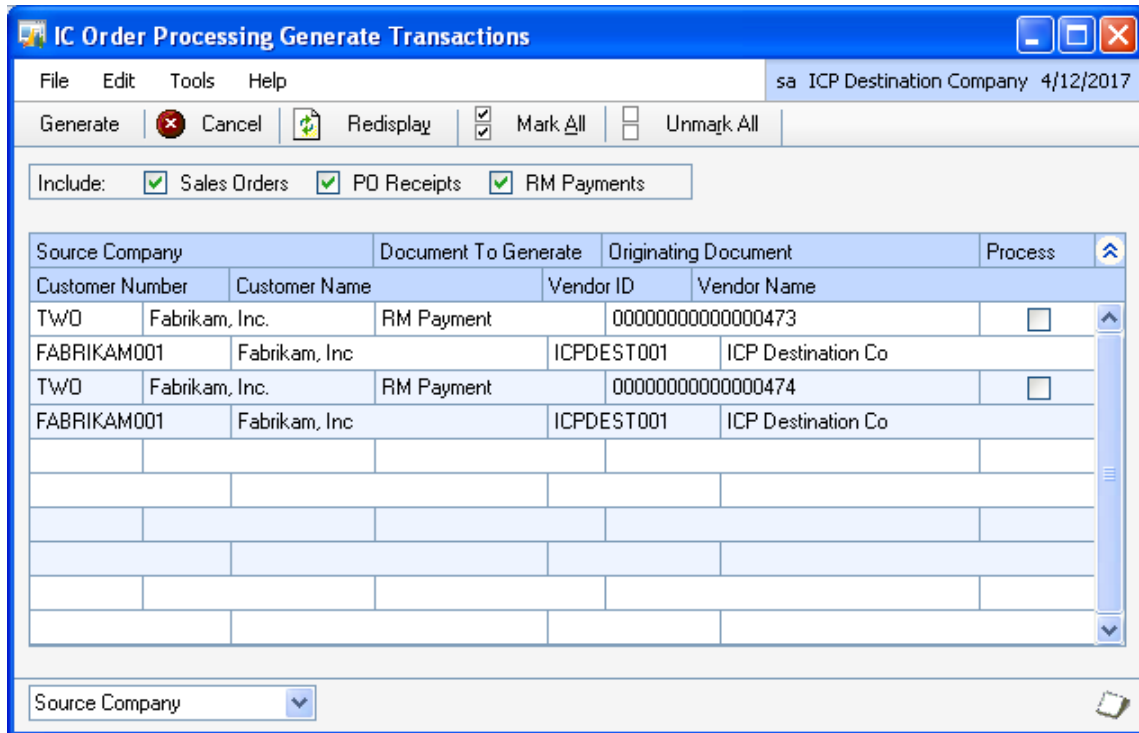
PM Payment No	Payment Amount	Applied Amount	RM Payment	Payment Amount	Applied Amount
00000000000000474	\$1,000.00	\$1,000.00		\$0.00	\$0.00



## Manually Creating Transactions

If any of the IC POP to SOP setup options are set to Manual rather than Auto, the User will need to manually create the transactions in the appropriate company from the following screen:

Tools>Routines>Company>Nolan Business Solutions IC Order Processing>Create Destination Transactions:



Source Company	Customer Number	Customer Name	Document To Generate	Vendor ID	Vendor Name	Process
TWO	FABRIKAM001	Fabrikam, Inc.	RM Payment	00000000000000473	ICP Destination Co	<input type="checkbox"/>
TWO	FABRIKAM001	Fabrikam, Inc.	RM Payment	00000000000000474	ICP Destination Co	<input type="checkbox"/>

## Supported and Not Supported Functionality

- Lots and serial numbers are supported
- Kits are not supported
- Partial Shipments and changes to SOP documents are not supported

## Contact Us

We welcome comments regarding the usefulness of the Nolan Business Solutions documentation. If you have specific suggestions or find any errors in this manual, send your comments by e-mail to the following address: [info@nolanbusinessolutions.com](mailto:info@nolanbusinessolutions.com).

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