

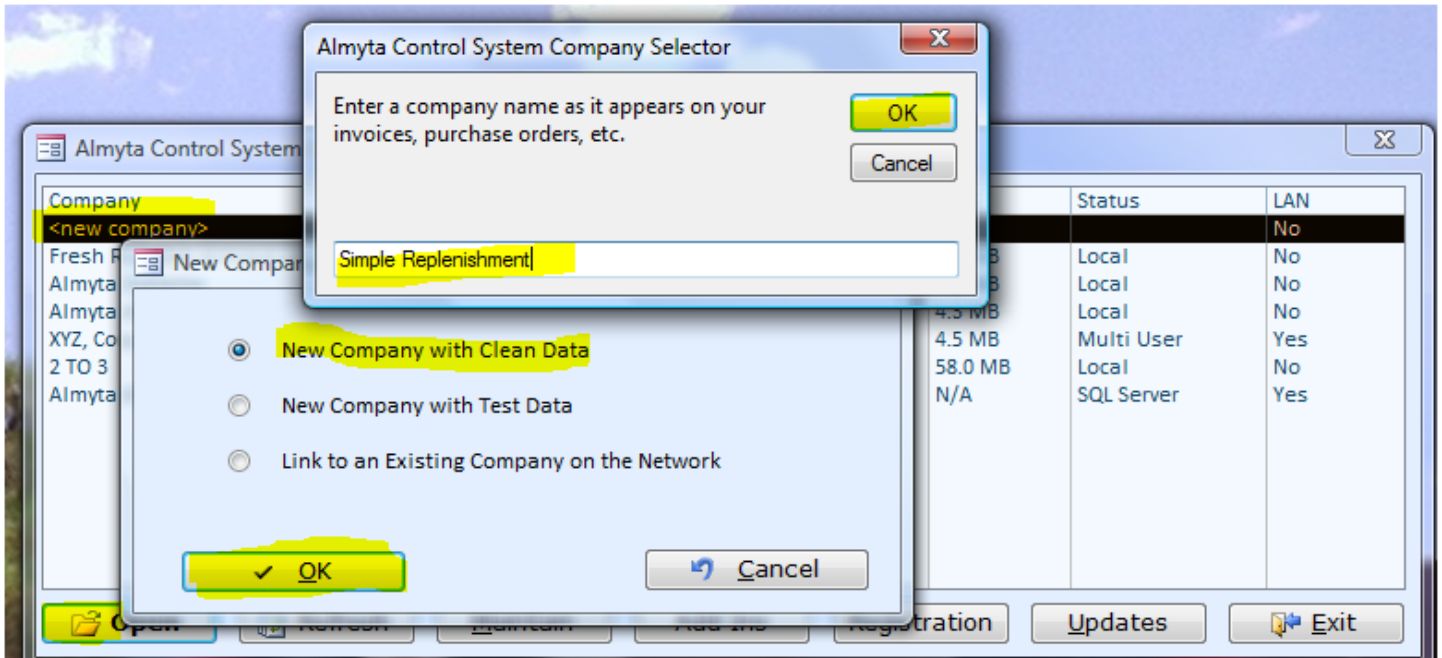
Almyta Control System Goods Replenishment

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Creating the demo company

In Almyta Company Selector, create a new company. When prompted, do not open it.



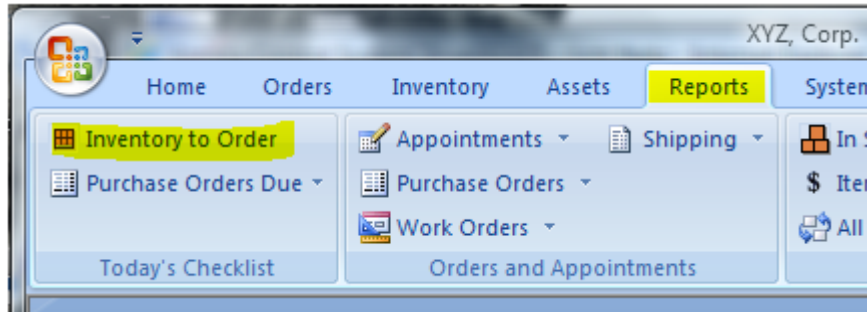
Download the data file

<http://systems.almyta.com/downloads/ACS312-T-SimpleReplenishment1.zip>

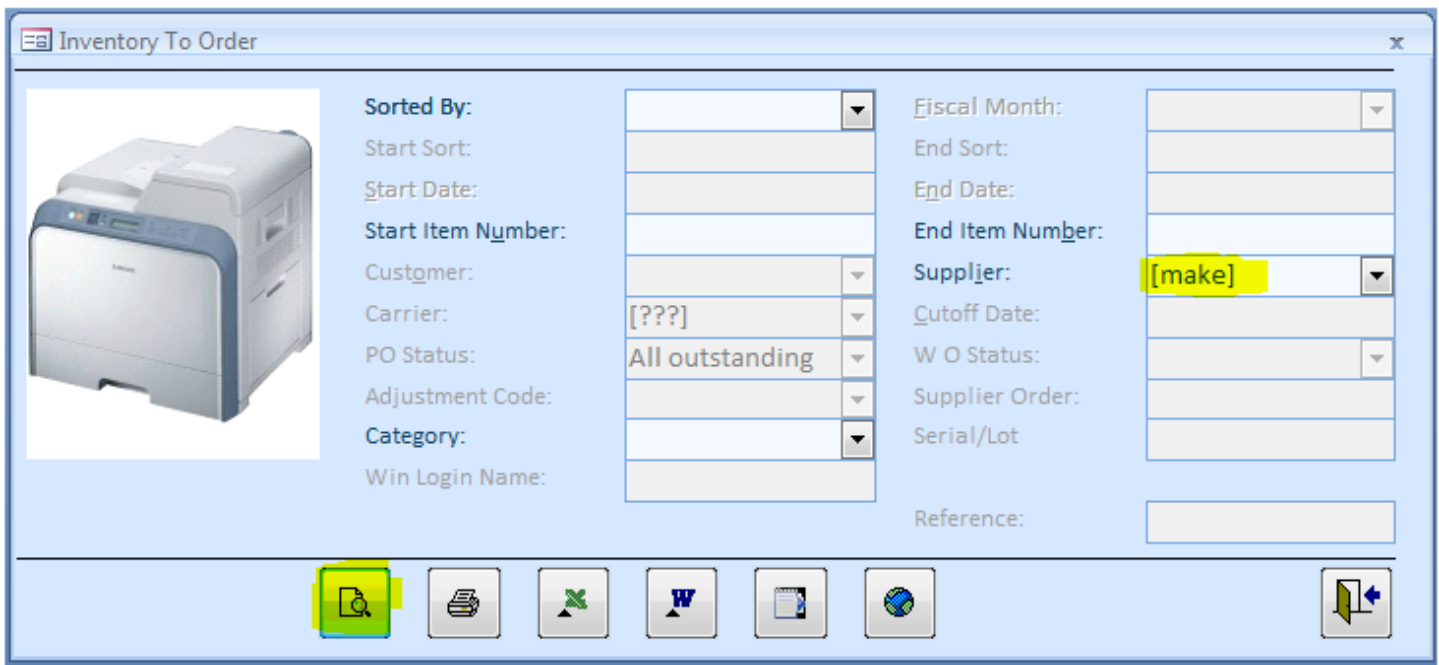
and save it in the c:\AlmytaSystems folder. Unzip the file into c:\AlmytaSystems\#Simple Replenishment# folder. For that matter, in the Windows Explorer, go to the c:\AlmytaSystems\Simple Replenishment.zip file, drag acsd312.data file and drop it into c:\AlmytaSystems\#Simple Replenishment# folder. Choose to replace file when prompted. Please feel free to contact Almyta support team (support@almyta.com) if you have any problems with it.

Finished Goods Replenishment

To find out what you need to schedule into production, start the Inventory to Order report.



Select [Make] in the Supplier field and click the View or Print button.



A sample report is shown below.



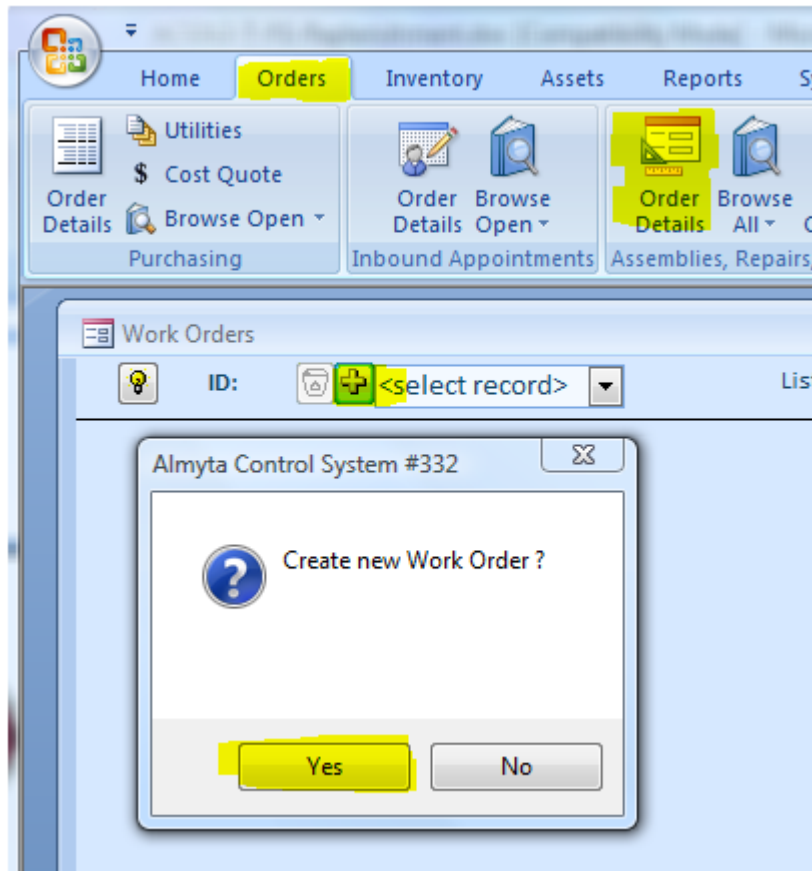
Simple Replenishment - Inventory To Order

Supplier: [make]

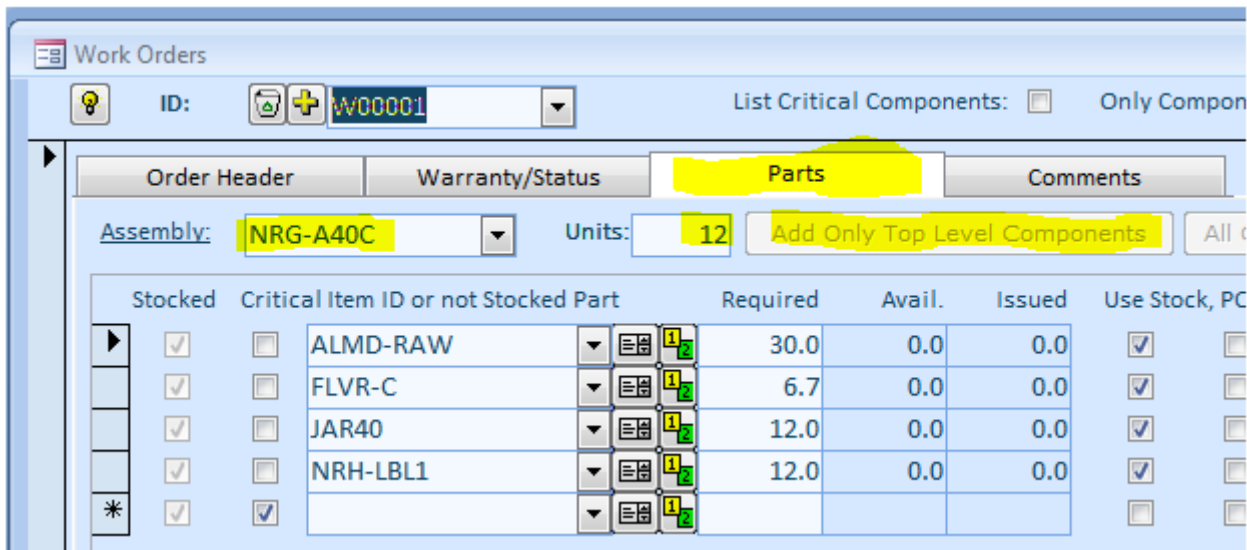
| Item ID | Description | In Stock | Econo. Order | To Order | Unit Cost | Amount |
|------------------------------------|--------------------------------------|----------|--------------|----------|-----------|---------|
| Supplier: [[make]] <made in house> | | | | | | |
| NRG-A40C | Nuts Are Good 40 oz Jar Almonds. Cin | 0.0 | 1 | 12 | \$3.02 | \$36.29 |
| NRG-A40H | Nuts Are Good 40 oz Jar Almonds. Ho | 0.0 | 1 | 12 | \$2.96 | \$35.52 |
| Totals For Supplier: | | 0.0 | | 24 | | \$71.81 |
| Report Totals: | | 0.0 | | 24 | | \$71.81 |

Creating work orders to replenish finished goods.

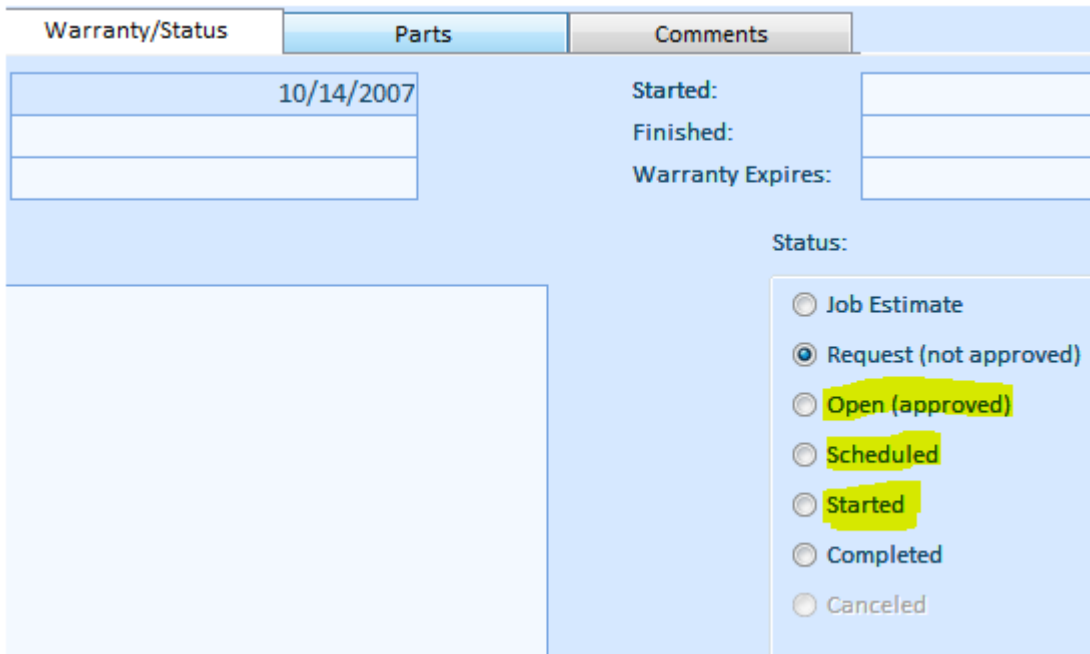
Go to the Orders menu tab, Assemblies group, Order Detail. Click the Yellow Plus button to create a new order.



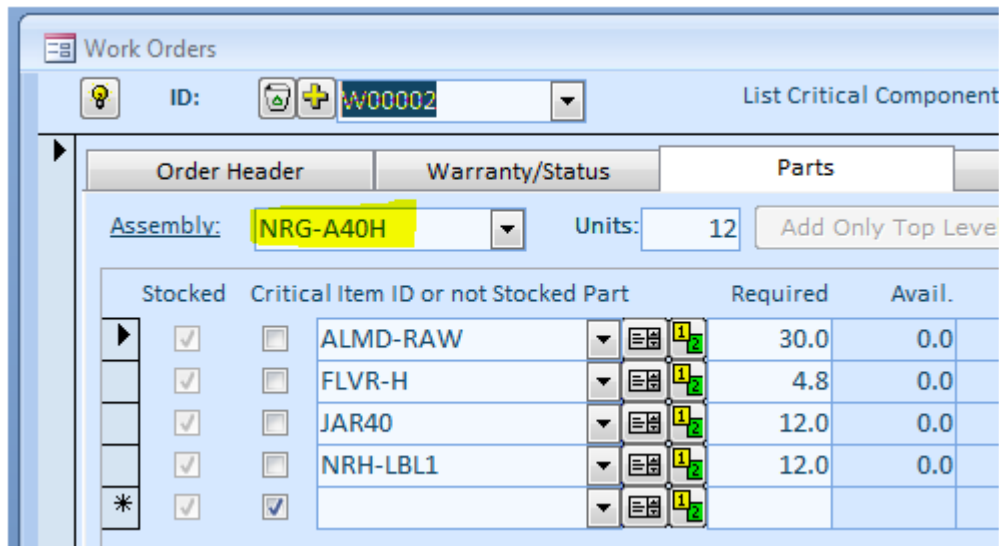
After the order has been created, switch to the Parts tab, select NRG-A40C in the Assembly, input 12 for the Units, and click the Add Only Top Level Components button. All necessary components will be populated for you.



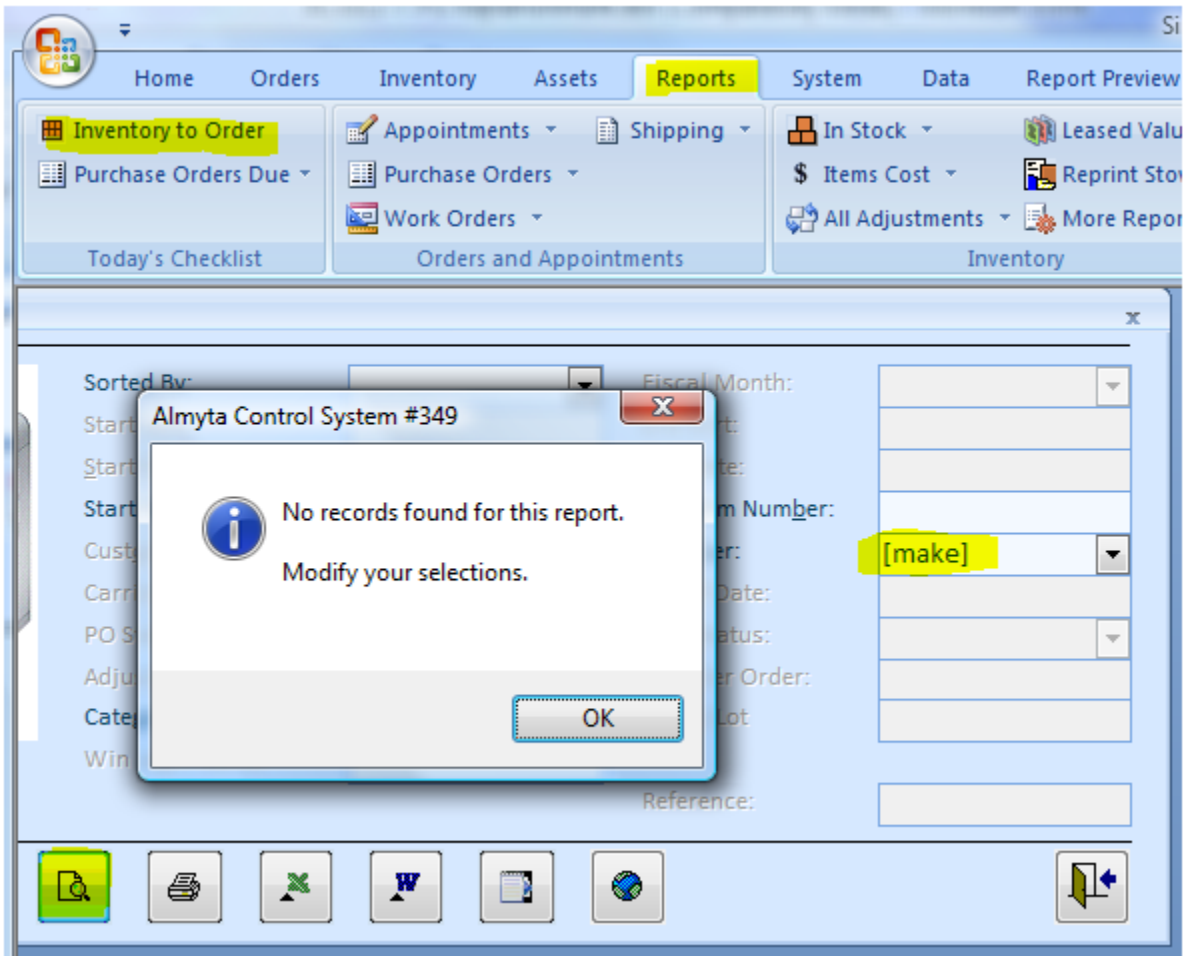
All newly created orders receive the Request status. It means, they are not scheduled yet. Because of that, such orders will not trigger the replenishment of raw materials. To trigger the replenishment, switch to the Warranty/Status tab and select Open, Scheduled, or Started.



Our replenishment report for the finished goods called for two items. On the same Work Orders screen, click the Yellow Plus button again, create a new order, and select the second item as an assembly. Change the order status to Open for instance.



Now if you try to run Inventory To Order report for the supplier [make], you will see “No Records Found” message. This means that there is nothing to schedule. All finished goods replenishment orders have been placed.



To quickly see what is scheduled into production for each individual [make] item, open the Item Master List, find the item, and click the On Order hyperlink.

Almyta Control System - Intermediate Reference

Simple Replenishment

Home Orders **Inventory** Assets Reports System Data Report Preview Add-Ins Help

Direct Receive Locate Quick Direct Direct Reconcile Lease Warranty Find Shipped
 Receive by Serial and Move Move Move Issue Issue Repairs or Consumed

Item Master Search Item Master Alternate Parts
 Active Items Warehouse Location
 Bill Of Materials Repair Process Point

Inventory Item Master List

ID: **NRG-A40H**
 Description: Nuts Are Good 40 oz Jar

| Item Header | Stocking Properties |
|------------------|---------------------|
| Category: | Roasted Nuts |
| Package: | 40oz Jar |
| Base UOM: | Each |
| Main Supplier: | [make] |
| Center Code: | Cost of Goods 1 |
| Available: | 0.0 |
| In Stock: | 0.0 |
| On Hold: | 0.0 |
| Committed: | 0.0 |
| On Order: | 12.0 |

<select operation>

Record: 6 of 7 No Filter

Incoming orders for NRG-A40H

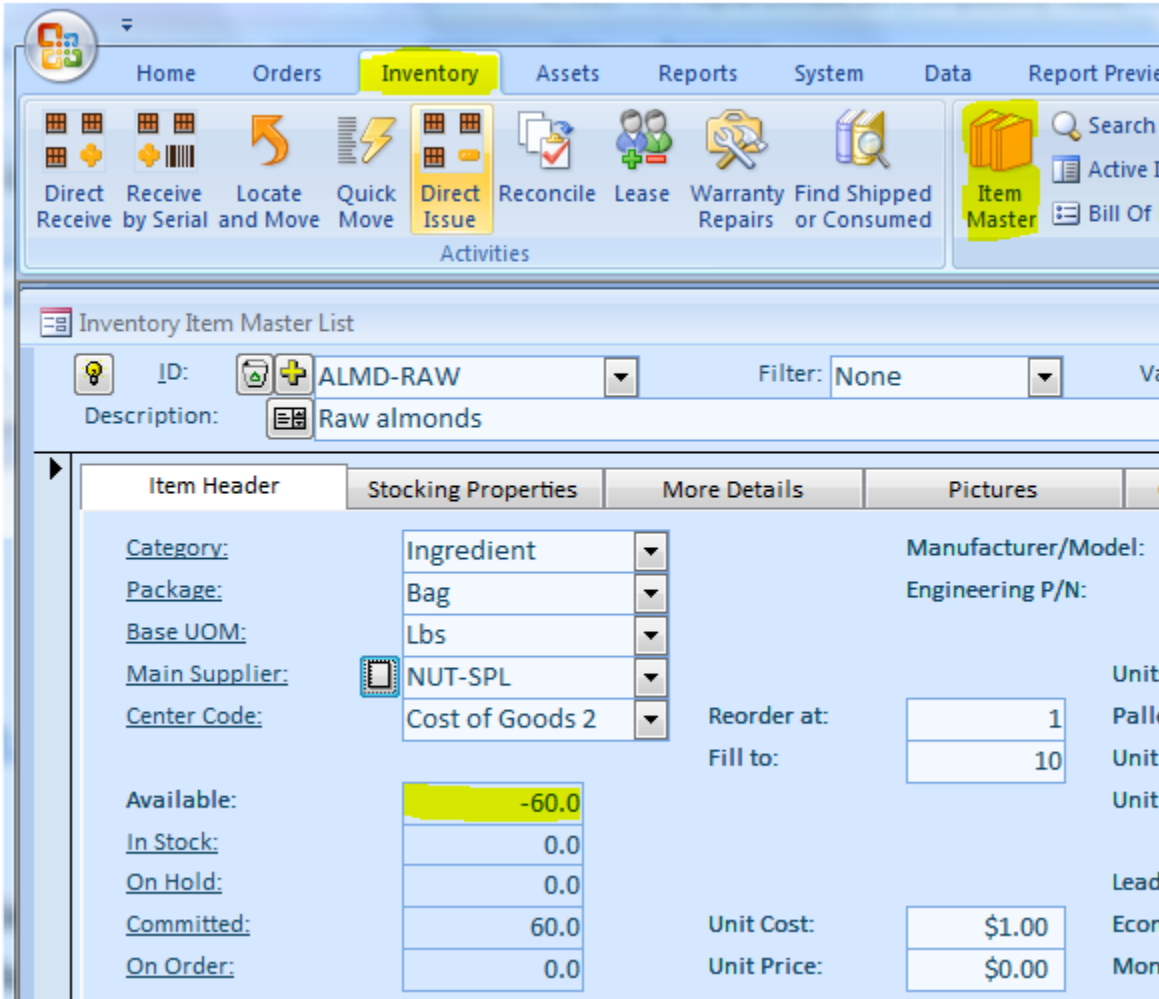
| Order Number | Required On | Units Due | Supplier or Requested by |
|--------------|-------------|-----------|--------------------------|
| W00002 | | 12 | Production Manager |

Select

To view an order detail, select it and press Enter key or just Appointments, Purchase Orders, Work Order

Raw Materials Replenishment

By creating the work orders, we triggered the demand for raw materials. To find out if we have any shortages in raw materials by an individual item, go to the Item Master list and see how many units are available.



If we have any outstanding orders for an item, it will be reflected in the Committed field. Click on the Committed hyperlink to quickly see the underlining orders.

Almyta Control System - Intermediate Reference

Inventory Item Master List

ID: ALMD-RAW Filter: N

Description: Raw almonds

Item Header | Stocking Properties | More Details

Category: Ingredient

Package: Bag

Base UOM: Lbs

Main Supplier:

Center Code:

Available:

In Stock:

On Hold:

Committed:

On Order:

<select open

Record: 1 of 7

Outgoing orders for ALMD-RAW

| Order | Required On | Committed |
|--------|-------------|-----------|
| W00001 | | 30 |
| W00002 | | 30 |

If we need to print out a list of all items we are short on, we'd go to the Reports, Inventory To Order report and run it without any filters.


Inventory To Order (Report) - Simple Replenishment

Home Orders Inventory Assets **Reports** System Data Report Preview Add-Ins He

Inventory to Order Purchase Orders Due Today's Checklist

Appointments Purchase Orders Work Orders Orders and Appointments

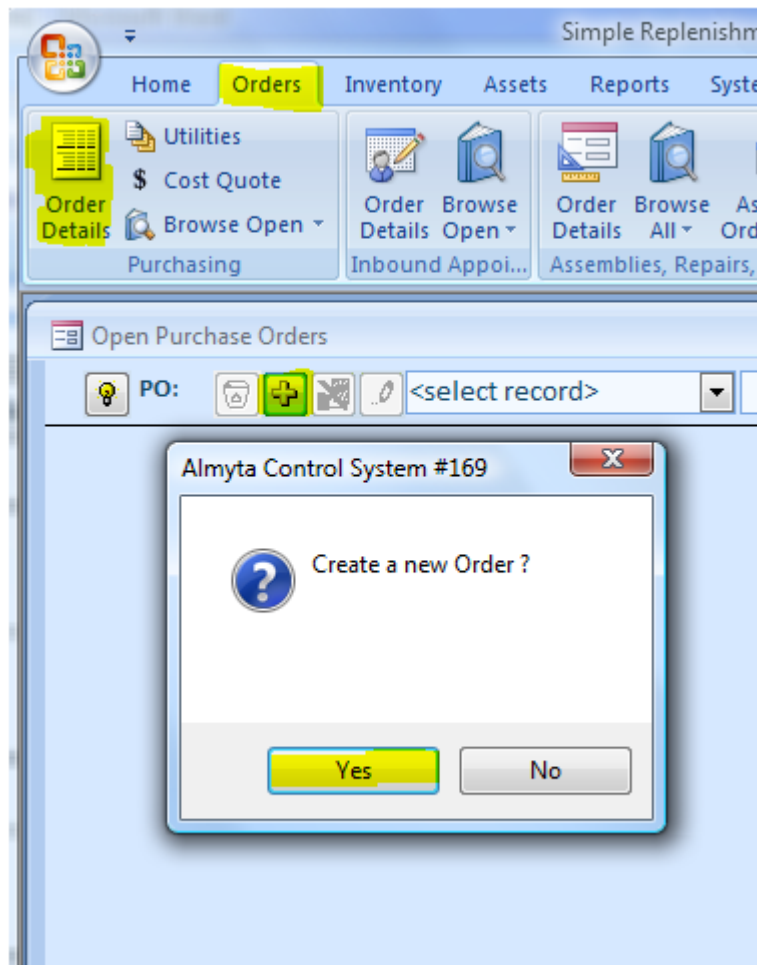
Shipping In Stock Items Cost All Adjustments Leased Value Reprint Stow List More Reports Inventory



Simple Replenishment - Inventory To Order

| Item ID | Description | In Stock | Econo. Order | To Order | Unit Cost | Amount |
|--|--------------------------|----------|--------------|----------|-----------|----------|
| Supplier: (FLVR-SPL) Flavor Supplier | | | | | | |
| FLVR-C | Cinnamon Flavor | 0.0 | 1 | 107 | \$0.40 | \$42.80 |
| FLVR-H | Honey Flavor | 0.0 | 1 | 105 | \$0.40 | \$42.00 |
| Totals For Supplier: | | 0.0 | | 212 | | \$84.80 |
| Supplier: (LBL-PRINTER) Label Printer | | | | | | |
| NRH-LBL1 | Nuts are good jar label. | 0.0 | 1,000 | 2,000 | \$0.10 | \$200.00 |
| Totals For Supplier: | | 0.0 | | 2,000 | | \$200.00 |
| Supplier: (NUT-SPL) Raw Nut Distributor | | | | | | |
| ALMD-RAW | Raw almonds | 0.0 | 1 | 50 | \$1.00 | \$50.00 |
| Totals For Supplier: | | 0.0 | | 50 | | \$50.00 |
| Supplier: (TARE-SPL) Tare wrap and Co. | | | | | | |
| JAR40 | 40 oz plastic jar | 0.0 | 1 | 24 | \$0.20 | \$4.80 |
| Totals For Supplier: | | 0.0 | | 24 | | \$4.80 |
| Report Totals: | | 0.0 | | 2,286 | | \$339.60 |

And at the end, to replenish our raw materials inventory, we could go to the Orders menu tab, select Order Details in the Purchasing tab. When on the Purchase Orders screen, we could create purchase orders per our report item by item.



Or we find line by line PO creating being time consuming, we can go to the Purchasing Utilities screen (Orders tab, Purchasing menu group). Among other useful functions, which go beyond the document scope, we can automatically create our replenishment purchase orders here. On the screen, click the View Suggested Purchase Orders button.

Simple Replenishment

Home **Orders** Inventory Assets Reports System Data Report Preview Add-Ins Help

Utilities
 Order Details \$ Cost Quote
 Browse Open
 Purchasing

Inbound Appointments
 Order Details Browse Open
 Assemblies, Repairs, Maintenance

Order Details Browse All Assembly Order Editor
 Assemblies, Repairs, Maintenance

Order Details Browse All Order Fulfillment
 Sales and Shipping

Supplier Customer List of C

Purchasing Utilities

Start Date: End Date: Supplied By:
 Start Item ID: End Item ID: Category:
 Center Code:

| | | | |
|-----------------------|-------------------------|-----------------------|----------------------|
| 1. Lead Time | 2. Set Units Per Pack | 3. Set Economic Order | 4. Set Reorder Level |
| 6. Set Monthly Demand | 7. Make Purchase Orders | 8. Recalculate Costs | |

Supply a filter if needed. Press "View Suggested Purchase Orders" button below. Suggested purchase orders are created based on quantity Available, quantity On Order, Economic Order, Lead Days, Monthly Demand, Reorder Level, and Fill To level. Only items with the switch 'BUY ON' apply. Leave Start Date a blank. The calculation guaranties that there will be the sufficient inventory levels until the End Date. The End Date can also be a blank.

Ignore Orders Older Than:
 Fill To Level in Units:

View Suggested Purchase Orders

Show Me Fields Which Control the PO Generation

On the Results tab, verify the suggested orders, modify any information if necessary, and click the Apply Button.

Almyta Control System - Intermediate Reference

Purchasing Utilities

Start Date: 10/14/2007 End Date: 10/14/2007 Supplied By:
 Start Item ID: End Item ID: Category: Center Code:

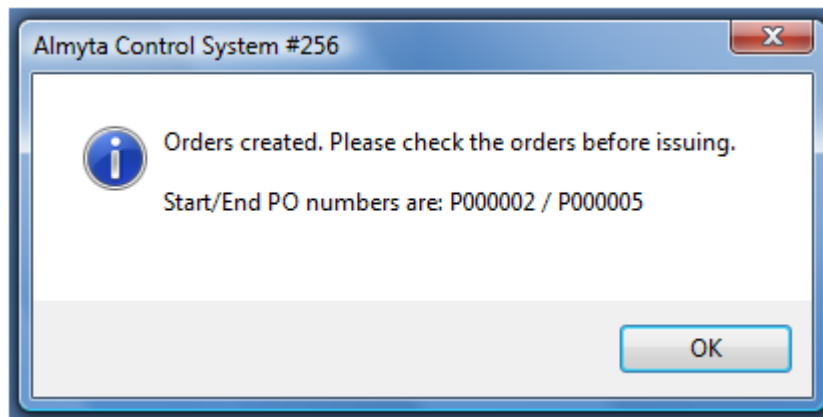
1. Lead Time 2. Set Units Per Pack 3. Set Economic Order 4. Set Reorder Level 5. Set Fill to Level
 6. Set Monthly Demand 7. Make Purchase Orders 8. Recalculate Costs Results

Revise the changes, make your own modifications, and click Apply button to create POs:

| Item ID | Units | Amount | Supplier | Notes | Date Required | InStock | Mor | Project | Currel | Cu |
|----------|-------|----------|-------------|-------|---------------|---------|-----|---------|--------|----|
| FLVR-C | 107 | \$42.80 | FLVR-SPL | | 10/14/2007 | 0 | 0 | 7 | 0 | 7 |
| FLVR-H | 105 | \$42.00 | FLVR-SPL | | 10/14/2007 | 0 | 0 | 5 | 0 | 5 |
| NRH-LBL1 | 2000 | \$200.00 | LBL-PRINTER | | 10/21/2007 | 0 | 0 | 24 | 0 | 24 |
| ALMD-RAW | 70 | \$70.00 | NUT-SPL | | 10/24/2007 | 0 | 0 | 60 | 0 | 60 |
| JAR40 | 24 | \$4.80 | TARE-SPL | | 10/14/2007 | 0 | 0 | 24 | 0 | 24 |
| * | 0 | \$0.00 | | | | 0 | 0 | 0 | 0 | 0 |

Record: 1 of 5 No Filter Search

After the creating the orders, Almyta will show starting and ending purchase order number. In our example we have created four purchase orders.



To see what was created, go to the Purchase Orders screen and find any particular order. To send order to the supplier, click the Print button at the bottom of the screen.

Almyta Control System - Intermediate Reference

The screenshot displays the 'Simple Replenishment' application window. The 'Orders' tab is active in the top navigation bar. Below the navigation bar is a toolbar with several functional groups: 'Utilities' (Order Details, Cost Quote, Browse Open), 'Inbound Appointments' (Order Details, Browse Open), 'Assemblies, Repairs, Maintenance' (Order Details, Browse All, Assembly Order Editor), and 'Sales and Shipping' (Order Details, Browse All, Order Fulfillment). The main area is titled 'Open Purchase Orders' and shows a search for PO: P000002 in the 'Inventory' category. Below this is a tabbed interface with 'Inventory Items' selected. A table lists the items:

| Line | Product (Item Id or Special) | Std. Units | Std. Unit Price | PO UOM | PO Units | PO Unit Price |
|------|------------------------------|------------|-----------------|--------|----------|---------------|
| 1 | FLVR-C | 107.0 | 0.40 | Oz | 107.0 | 0.40 |
| 2 | FLVR-H | 105.0 | 0.40 | Oz | 105.0 | 0.40 |
| * | | | | | 0.0 | 0.00 |

At the bottom of the window, there are buttons for 'Receive >>', 'Copy To New', 'Complete', 'Print', and a dropdown menu for 'Current Order'. A 'Subtotal:' label is also visible on the right side of the bottom bar.

You can print and mail your PO or save it as PDF file and email as an attachment.

Almyta Control System - Intermediate Reference

Purchase Order: P000002

The purchase order number must appear on all related correspondence, shipping papers, and invoices

Order Date: 14-Oct-07 Salesperson: Vendor Order:
 Requested By: 14-Oct-07 Ship Via: Best Way Terms: Net 30

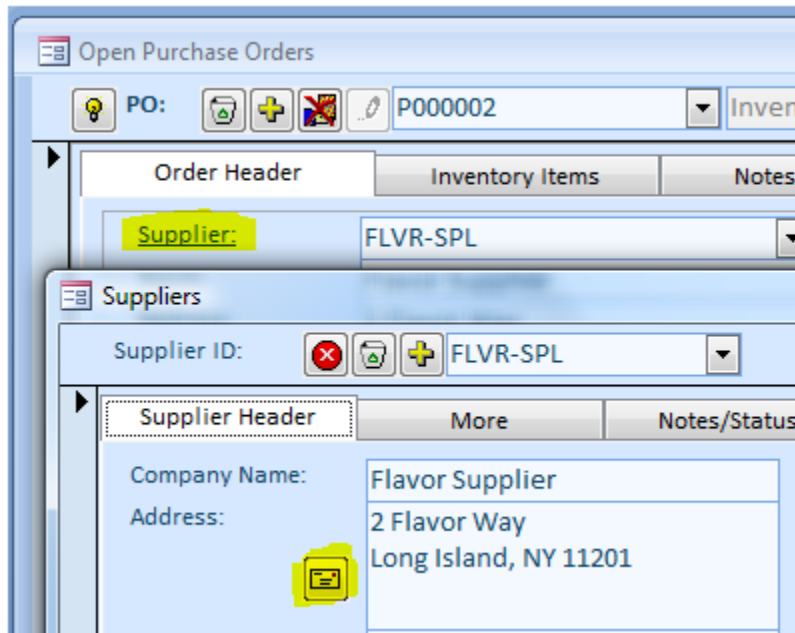
| | |
|---|---|
| TO: Flavor Supplier 2 Flavor Way Long Island, NY 11201 Attention: Telephone: Fax: | SHIP TO: Simple Replenishment To change this address, go to the Company Locations in the System tab, Info & Lists group. Attention: Telephone: 702-263-4997 Fax: |
|---|---|

| Line | Supplier Part | Description | Quantity | Unit | Unit Price | Extension |
|------|---------------|-----------------|----------|------|------------|-----------|
| 1 | FLVR-C | Cinnamon Flavor | 107.0 | Oz | \$0.40 | \$42.80 |
| 2 | FLVR-H | Honey Flavor | 105.0 | Oz | \$0.40 | \$42.00 |

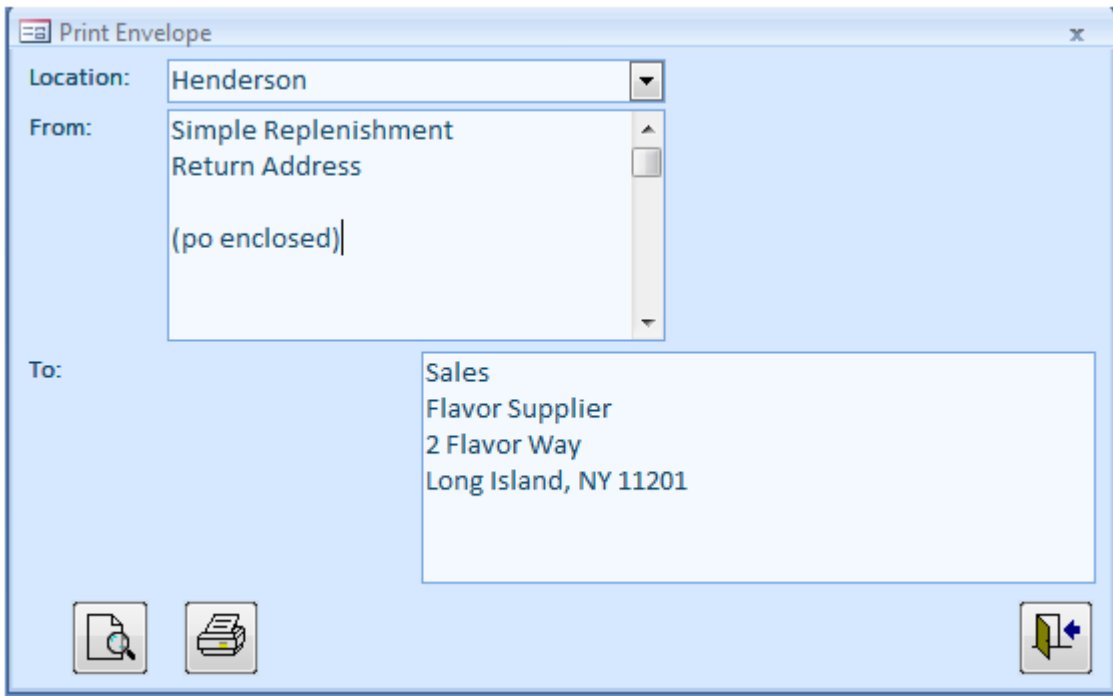
| | |
|-------------------------|------------------|
| Subtotal: | \$84.80 |
| Discount %: | 0.00 |
| Sales Tax%: | 0.00 \$0.00 |
| Shipping Charge: | \$0.00 |
| Other Charges: | \$0.00 |
| TOTAL: | \$84.80 |

Authorized Signature _____

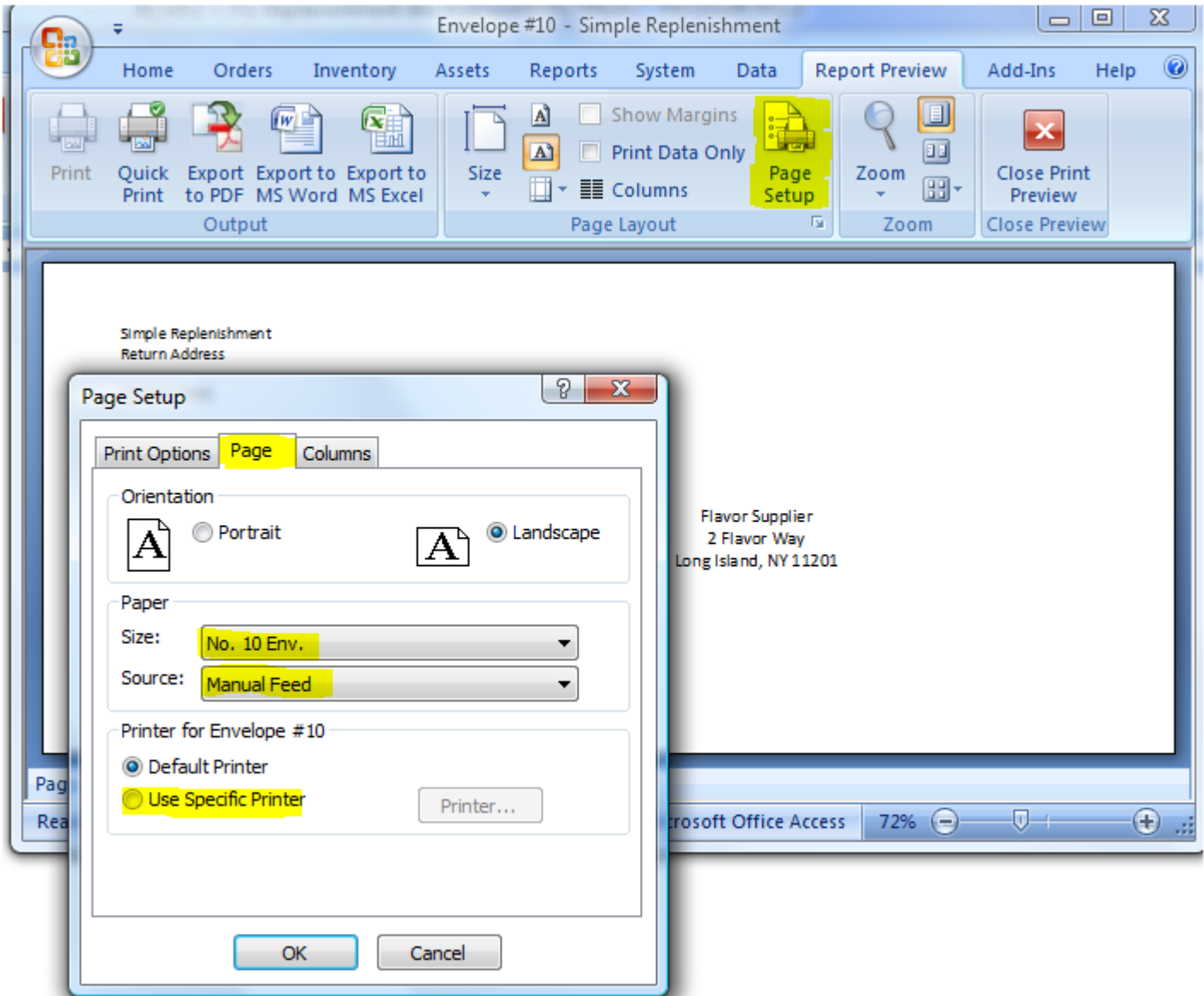
If you need to mail your PO, you can print the mailing envelope. On the Purchase Order screen, Order Header tab, click on the Supplier hyperlink.



On the Suppliers screen, click the Envelope button, and then close the Suppliers screen. Modify information on the Print Envelope screen if needed and print the envelope.



If your envelope does not go to an appropriate printer or does not use paper from a proper tray, print the envelope on screen, and then change the printer and its properties. In the Report Preview, choose Page Setup.



The resulting database can be downloaded from here:

<http://systems.almyta.com/downloads/ACS312-T-SimpleReplenishment2.zip>

If you have problem following this tutorial, create a new company and unzip the data into it. This data contains all orders created in this tutorial.