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Making systems business-ready

# Distribution Enhancements

Purchasing, Shipping and Freight Management for Dynamics GP

## Purchasing Manager

This product is designed to streamline the creation of Purchase Orders for large numbers of items by using demand rules and a simple forecasting system to generate easily editable draft purchase orders.

It includes an editable, purchase order generator and a PO receiving utility used to import packing lists and print product labels.

### Features:

- Users can control what historical data should be used to project demand and set a forecasting margin of error.
- Requirements can be configured to take into account open orders, future sales and existing Purchase Orders not yet received.
- Suggested Purchase Order data window includes the data used to generate the requirements calculation. Data can be exported to Excel for editing and then re-imported into PO entry.
- Includes manufacturer order quantity requirement.
- Incoming vendor packing lists in Excel format can be imported directly into PO Receiving.

- Shipments resulting from orders placed by a buyer (e.g. at a trade show), but not yet entered into Dynamics GP can be imported into the PO module.
- Excel template system removes the complexity of GP Inventory Master creation during shipping or receiving.
- Automates the production of item labels during Receiving. Prepares incoming merchandise for scanning processes in WMS.

### Benefits:

- Rules-based purchase order generator uses demand projections and stock levels rather than static re-order points.
- System combines the use of rules and user knowledge (e.g. new items, seasonal or fashion trends) to enable the buyer to focus on purchasing decisions rather than filling in numbers.
- Significantly improves the efficiency of the PO module user interface. Buyers can see how data is being used to generate the projection.
- Enables purchasing users who are not Dynamics GP experts to create new inventory items.
- Significantly improves purchase decision efficiency and accuracy.
- Removes the obstacles that slow down Purchase Order Receiving during high volume periods or when new items are being received.

## Multi-Attribute Inventory

Multi-Attribute Inventory allows the user to assign attributes for different types and batches of inventory (e.g. steel plate, steel coil and steel ingots). Each inventory type can be given an indefinite number of attribute types and these can be used for sorting and grouping in product sales reports.

### Features:

- Assign attribute values by lot number.
- Attributes are defined in Class-specific Attribute templates.
- An indefinite number of attributes can be assigned to each item class. Attributes can be defined by data type and format.
- Attribute validation can be based on standard and/or required values.
- Control entry of Lot-based attribute values during Purchase Receipt entry.
- Manage attributes for lots in [inventory](#).
- Print product labels containing lot attributes.
- Generate product sales reports based on product and lot attributes.

## Third-Party Logistics

Third Party Logistics provides outbound and inbound interfaces between Dynamics GP and Public Fulfillment Warehouses which maintain and ship their inventory to customers.

### Features:

- Define file formats for exchange of information with logistics company.
- Utilizes Microsoft Dynamics GP Sales Document Holds.
- Select order to be picked via a Picklist Generator window with sophisticated filters. Allowing release of orders to logistics company based on well-defined business rules.
- Enables a true Invoice Number to be assigned for documentation purposes before the Sales Order is fulfilled.
- Control the workflow for each order to be fulfilled by the logistics company.
- Auto-transfer orders fulfilled by the logistics company, automatically generating invoices (and any appropriate back order documents).

# Freight Manager

Alba360 Freight Manager enables Dynamics GP to generate Bills of Lading containing material from one or more Invoices. It allows for management and reconciliation of freight transactions by comparing the amounts billed by freight vendors against the freight amount estimated during the Bill of Lading creation process.

## Features

- Combines bills of lading from multiple invoices.
- Estimate freight costs using CZAR rates and apply to sales invoices.
- Control vendor freight invoices by matching PRO numbers against invoice number and automatically identifying discrepancies.
- Discrepancies are managed through a Freight Discrepancy Desktop, which allows the manager to approve, reject or dispute discrepancies.
- Allocate freight amounts from the Bill of Lading (either estimated or actual invoices from freight vendors) to order and invoices linked to the Bill of Lading.

The screenshot displays two main windows from the Freight Manager application. The top window is titled "Bill of Lading Generation" and shows a "STRAIGHT BILL OF LADING" form. It includes fields for BOL Number (IAH1000), PRO Number (432432432), Ship From (WAREHOUSE), and various shipping details. A table lists items with columns for Order Number, PO Number, Net Weight, # Units, Description, and Weight. The bottom window is titled "Discrepancy Management" and shows a table with columns for BOL Number, Vendor ID, SCAC, Voucher 1 Number, Net Freight, Billed Amount, and Variance Amount. The table lists multiple discrepancies with their respective amounts and descriptions.

The screenshot shows the "Pick List Generator" window. It features a "Requested Ship Date" section with "Beginning" and "Ending" date pickers. Below this are fields for "Customer ID" and "Salesperson ID". A "Sort By" dropdown is set to "Customer Name". On the right, there are checkboxes for "Order Status": "Not Yet Allocated", "Allocated" (checked), "Released", and "Credit Holds" (checked). At the bottom, a table titled "Allocated Orders" displays the following data:

Customer ID	Order Number	Provisional Invoice	Requested Ship Date	Cancel Date	Released Date	Amount Ordered	Amount Allocated	Ship Compl	Cancel B/O	Credit Holds	Pick
AMAZ-WA	EOR0001346		4/20/2010	4/23/2010	0/0/0000	\$300.00	\$300.00	100.00%			
AMAZ-WA	EOR0001347		4/20/2010	4/23/2010	0/0/0000	\$53.00	\$53.00	100.00%			
AMAZ-WA	EOR0001348		4/20/2010	4/22/2010	0/0/0000	\$112.00	\$112.00	100.00%			
AMAZ-WA	EOR0001349		4/20/2010	4/22/2010	0/0/0000	\$917.50	\$917.50	100.00%			
AMAZ-WA	EOR0001350		4/20/2010	4/22/2010	0/0/0000	\$603.00	\$603.00	100.00%			
AMAZ-WA	EOR0001351		4/20/2010	4/22/2010	0/0/0000	\$40.00	\$40.00	100.00%			
AMAZ-WA	EOR0001352		4/20/2010	4/22/2010	0/0/0000	\$184.00	\$184.00	100.00%			
AMAZ-WA	EOR0001353		4/20/2010	4/22/2010	0/0/0000	\$360.00	\$360.00	100.00%			
TEMP001067	MAG102274		4/19/2010	4/19/2010	0/0/0000	\$101.00	\$101.00	100.00%			

