



DS0023
POP to SOP Freight Charges
Other Drop-Ship Enhancements



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Problem Definition

<i>Problem Definition</i>	CCDA
<p>ACMECO creates drop-ship purchase orders from sales order processing. When the PO invoice is received, the freight charges need to be passed along to the customer. Currently this is a manual process that requires locating the linked sales order, and adding a line to the sales order for the freight charges.</p> <p>A sales order could be linked to more than one PO, so as each PO is received the additional freight charges are manually added to the sales order as additional "freight lines".</p> <p>The desired solution would automate the process of adding freight charges from PO invoices to the linked sales orders.</p>	



Design Features

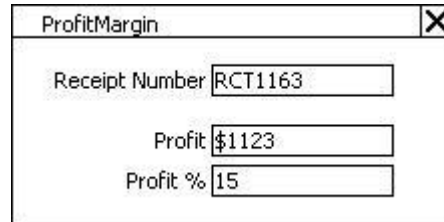
<i>POP to SOP Freight Link</i>	CCDA
<p>POP to SOP Freight Link will add Freight charges from the Purchasing Invoice to the linked Sales Order when the PO Invoice is posted. The link will be supported whether performing transaction-level posting from Purchasing Invoice Entry or batch posting from Purchasing Batch Entry (for Purchasing Invoice Entry batches).</p> <p>When posting on a PO Invoice occurs, the link will add the freight amount from the Invoice to the Sales Order freight field, and recalculate the taxes and totals on the sales document.</p> <p>To ensure that freight from the PO Invoice is only added on time to the sales order, the update will only occur when posting of the PO Invoice is complete. In the event that something is wrong with the PO Invoice and it cannot post, the freight charges will not be added to the sales document.</p> <p>The customization will have no effect when posting Receipts/Invoices for purchase orders that are not linked to sales orders.</p> <p>This customization requires no interaction from the user, will have no user interface, and will be “active” when the code is installed on a Dynamics GP client.</p>	

CHANGE REQUEST

ACMECO frequently uses drop-ship Purchase Orders, and would like to see a profit margin calculation when entering the PO Invoice that compares the cost as invoiced from the Vendor to the price on the linked sales transaction. ACMECO has a profit margin cut-off of 10%, so anything below that needs attention. Seeing the profit margin calculation will help them catch errors, for example, the vendor didn't allow the standard discount, or the sales order was created with no price or the wrong price.

ACMECO would like to see the profit calculation in two places: Purchasing Invoice Entry, and on an edit list that can be printed prior to posting a batch from Purchasing Batch Entry.

Purchasing Invoice Entry



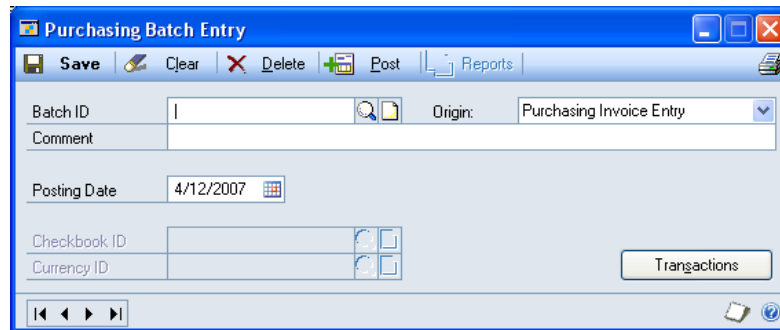
The screenshot shows a small window titled "ProfitMargin" with a close button (X) in the top right corner. It contains three input fields: "Receipt Number" with the value "RCT1163", "Profit" with the value "\$1123", and "Profit %" with the value "15".

The proposed solution is to create a pop-up window that positions itself to the right-margin of the Invoice Entry window. It will automatically open when a new Invoice is entered, or an existing unposted invoice is retrieved.

The calculations will be performed on a per-line basis, then summed for the PO Invoice (the per-line calculation will not be displayed).

LineProfit = (SOP Unit Price * PO Invoice Qty) – (PO Invoice Line Extended Cost)
 Profit = Sum of LineProfit for entire PO Invoice
 Profit % =(Profit / SOP Order Subtotal) * 100

Purchasing Batch Entry

A screenshot of a software window titled "Purchasing Batch Entry". The window has a blue title bar and a menu bar with "Save", "Clear", "Delete", "Post", and "Reports". Below the menu bar are several input fields: "Batch ID" with a search icon, "Comment", "Posting Date" set to "4/12/2007" with a calendar icon, "Checkbook ID", and "Currency ID". A dropdown menu for "Origin" is set to "Purchasing Invoice Entry". A "Transactions" button is located on the right side. At the bottom, there are navigation arrows and a help icon.

A new report will be accessed from Extras >> Additional >> Profit Margin Report when a Batch is displayed in Purchasing Batch Entry. The report will have 4 columns:

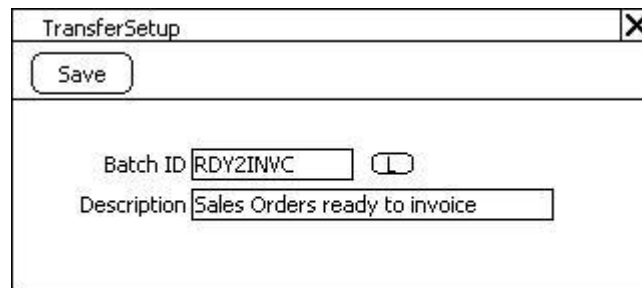
- Receipt #
- Cost
- Profit
- Profit %

CHANGE REQUEST

A significant portion of ACMECO'S sales orders are created as Drop-Ship orders with linked purchase orders. After entering the Vendor Invoice, their current process requires manually locating Sales Orders that have a quantity to invoice, and transferring those documents to an invoice.

ACMECO has requested a modification that automatically transfers Sales Orders to a new Batch ID when the Vendor Invoice is posted. The "destination" batch will then be a collection of Orders that are ready to invoice. A user can then transfer the entire batch to Invoices to invoice the fulfilled quantities.

Sales Orders that are only partially invoiced will remain in the Ready-to-Invoice batch. ACMECO will manually move these Orders back to a different Batch ID.



The screenshot shows a window titled "TransferSetup" with a close button (X) in the top right corner. Below the title bar is a "Save" button. The main area contains two input fields: "Batch ID" with the value "RDY2INVC" and a lookup button (two overlapping circles) to its right, and "Description" with the value "Sales Orders ready to invoice".

 = Lookup Button

A new window will be added called Transfer Setup, accessed from Tools >> Setup >> Sales. When Vendor Invoices are posted, the customization will locate the Sales Order linked to the PO, and change the Batch ID on the Sales Order to the Batch ID specified on Transfer Setup. Batch Totals will be adjusted accordingly.

If the Batch ID does not exist, the module will automatically create it.