



DS0660

Sales Posting Account Updates



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Problem Definition

<i>Problem Definition</i>	CCDA
<p>ACME Co. utilizes Dynamics GP as their ERP system. They currently have many legal entities maintained in the same database. In addition to the core GP Modules, they also utilize the Manufacturing Module. Sales Invoice and Sales Returns Documents may contain both manufactured and non-manufactured items.</p> <p>ACME's GL Accounts are comprised of four segments. The last segment is for the Cost Center and is three digits. When posting Sales Invoice and Sales Return Documents, they need the following Inventory Accounts to reflect a specific Cost Center based on the Sales Document ID.</p> <ul style="list-style-type: none"> • COGS • Sales • Markdown • Sales Returns <p>In addition, since ACME utilizes the Manufacturing Module and a FIFO Periodic Valuation Method, when selling a Manufactured Item the Manufacturing Module replaces the single GP Inventory Module COGS account noted above with up to nine manufacturing COGS accounts. The accounts are only added when the manufacturing processes add value to those accounts. For example, if there is no Labor Variable Overhead amount in the routing (Labor Codes), there will not be a distribution to that account. When posting Sales Invoice and Sales Return Documents which contain Manufactured Items, the Manufacturing COGS Account should also reflect the specific Cost Center based on the Sales Document ID:</p> <p>COGS Distribution Accounts:</p> <ol style="list-style-type: none"> (1) COGS – Material (2) COGS – Labor (3) COGS – Machine (4) COGS – Material OH (5) COGS – Labor OH 	

- (6) COGS – Machine OH
- (7) COGS – Material Variable OH
- (8) COGS – Labor Variable OH
- (9) COGS – Machine Variable OH

Since these accounts are added automatically by manufacturing during the posting process, there is no opportunity to change them manually.

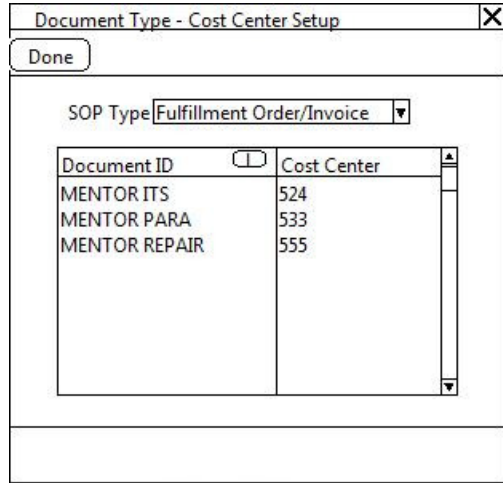
The Sales Invoice Document Type and the Sales Return Document Type will determine the Cost Center to utilize when posting. They require a way to assign a Cost Center per Document Type/Document ID.



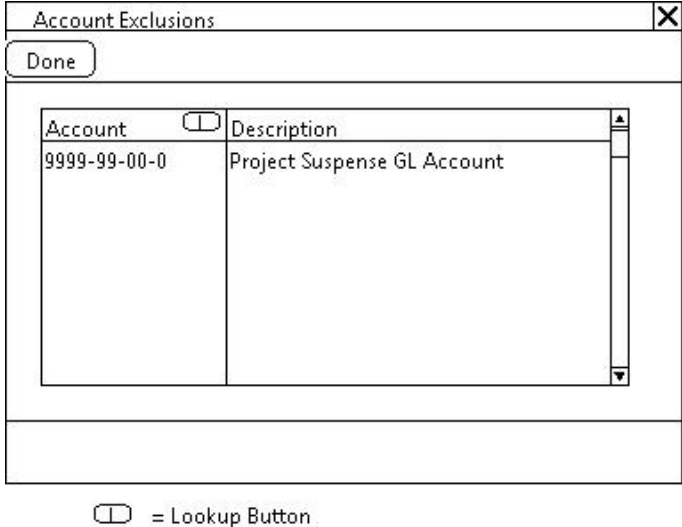
Solution Overview

<i>Solution Overview</i>	CCDA
<p>The enhancement will update the Cost Center GL Account segment by the Sales Invoice and Sales Return Document Type/Document ID during posting for the following:</p> <ul style="list-style-type: none">• COGS (Inventory or MFG Accounts)• Sales• Markdown• Sales Returns <p>A setup window will be provided to assign a Cost Center to each Document Type/Document ID combination.</p> <p>Please see the Design Features section below.</p>	

Design Features

<i>Cost Center Setup</i>		CCDA							
<p>Navigation: Sales→Setup→Document Type-Cost Center Setup</p> <p>This window is used to link Sales Invoice and Sales Return Document ID's to specific Cost Centers.</p> <div data-bbox="478 570 976 1049" data-label="Image">  </div>									
<table border="1"> <thead> <tr> <th>Field</th> <th>Function</th> </tr> </thead> <tbody> <tr> <td>Done Button</td> <td>Select the DONE button to exit the window.</td> </tr> <tr> <td>SOP Type Dropdown</td> <td>Select an option from the dropdown. Options include Fulfillment Order/Invoice and Return.</td> </tr> <tr> <td>Document ID</td> <td>The user will enter or select a Document ID from the lookup. The Document ID lookup will correspond to the selected SOP Type Dropdown.</td> </tr> </tbody> </table>	Field	Function	Done Button	Select the DONE button to exit the window.	SOP Type Dropdown	Select an option from the dropdown. Options include Fulfillment Order/Invoice and Return .	Document ID	The user will enter or select a Document ID from the lookup. The Document ID lookup will correspond to the selected SOP Type Dropdown.	
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Done Button	Select the DONE button to exit the window.								
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Document ID	The user will enter or select a Document ID from the lookup. The Document ID lookup will correspond to the selected SOP Type Dropdown.								

	<ul style="list-style-type: none"> • Fulfillment Order/Invoice – The lookup will default to Fulfillment Order/Invoice Document ID's. • Return – The lookup will default to Sales Return Document ID's. <p>A Document ID may have only one Cost Center assigned to it. Therefore, a Document ID may only appear once in the scrolling window.</p> <p>Document ID's may be added or deleted at any time. The enhancement will update the Cost Center segment (4th segment) of the GL Account with the Cost Center entered for its corresponding Document Type/Document ID at the time of posting.</p> <p>To delete a Document ID from the window, the user will highlight the record and navigate to Edit→Delete Row.</p>	
<p>Cost Center</p>	<p>The user will enter a 3 character alpha-numeric Cost Center code. The Cost Center Code will be validated against currently entered Cost Center Codes. The Cost Center Code is the 4th segment of the GL Account.</p> <p>If a Cost Center Code cannot be validated, the user will be warned and unable to continue.</p> <p>Only Document ID's with a Cost Center listed will be updated during the Sales Posting process.</p>	

Account Exclusions		CCDA
<p>Navigation: Sales→Setup→Account Exclusions</p> <p>This window is used to exclude Accounts from being updated by the enhancement during the Sales Posting process.</p> <div style="text-align: center;">  </div>		
Field	Function	
Done Button	Select the DONE button to exit the window.	
Account	<p>The user will enter or select an Account from the lookup.</p> <p>If an Item on a Sales Invoice or Sales Return Document has its COGS (Inventory or MFG), Sales, Markdown or Sales Returns Account(s) set to an Account entered in this window, the Account will not be altered during Sales Posting.</p>	



	<p>Accounts may be added or deleted at any time. The enhancement will review the excluded Accounts at the time the Sales Document is posted.</p> <p>To delete an Account from the window, the user will highlight the record and navigate to Edit→Delete Row.</p>		
Description	The Account's Description will populate. This field is not editable.		

<i>Sales Document Posting</i>	CCDA
<p>Sales Documents are posted through both the Sales Transaction Entry window and through the Sales Batch Entry window. Both methods of posting will be supported by the enhancement.</p> <p>During the posting process for Sales Invoices and Sales Returns, the enhancement will review the Document Type-Document ID combination. If a Cost Center has been set for the Document Type-Document ID combination in the Document Type-Cost Center Setup window, the enhancement will do the following when the Post Button is clicked:</p> <ol style="list-style-type: none"> 1. Run a pre-posting process. The pre-posting process will validate each potential Sales, COGS, Markdown or Sales Return GL Accounts for each Item on the Sales Invoice or Sales Return exists in the GL Account Master. The enhancement will validate: <ul style="list-style-type: none"> ○ All Sales, COGS, Markdown and Sales Returns GL Accounts assigned to the Item even if they will NOT be used for the transaction. For example, if there is a GL Account assigned to the COGS - Machine Variable Overhead Account, the system will validate that the GL Account with the updated fourth segment will exist even if there is NOT an amount that will be posted to this account. All GL Accounts which are NOT used for an item should remain BLANK on the Item Accounts card. ○ A GL Account will NOT be validated if the GL Account on the Item Accounts Card is left BLANK. ○ A GL Account will NOT be validated if the original GL Account is entered on the Account Exclusion list as excluded Accounts will NOT be altered. 2. If the enhancement discovers any non-valid GL Accounts through the pre-posting process, an error report will print detailing the Sales Order Number, Item Number, current GL Account, and invalid GL Account. If the posting process was kicked off from the Sales Transaction Entry window, the Sales Document will not post. If the posting process was started from the Sales Batch Entry window, no documents in the batch will post. The user must remove the error documents from the batch or 	

manually make corrections (Add the GL Account, correct the Item Accounts Card) and re-post the batch.

3. If all GL Accounts are validated, the enhancement will update the 4th segment of the GL Accounts to match the Cost Center set in the Document Type-Cost Center Setup window and post the Sales Document(s). If the original GL Account is entered on the Account Exclusion list, it will NOT be updated.

<i>Assumptions/Requirements</i>	
<ul style="list-style-type: none">• Advanced Distribution (Fulfillment Orders) is being utilized.• Multi-Currency is used.• ACME is using a Periodic Valuation Method (Standard Cost).• Taxes, Commissions, Discounts and Freight Charges are used.• Extended Pricing is NOT being utilized.• Drop-Ship Sales Orders are used.• The Manufacturing Module and Project Account Module are used.• GL Site Segment swapping logic is NOT utilized.• Posting through the Master Posting and Series Posting windows is NOT supported.• The SOP Setup "Posting Accounts From" is set to Item.	