



DS0487

SOP Line – Configuration BOM Name Integration



Table of Contents

Table of Contents	2
Problem Definition	3
Problem Definition	3
Solution Overview	4
Solution Overview	4
Design Features	5
GP Report Writer Integration	5



Problem Definition

<i>Problem Definition</i>	CCDA
<p>When printing a SOP Order or Invoice, ACME Co. would like to use the Configuration BOM Name in place of the Item Number if the item has a configuration BOM.</p> <p>If the MOP-SOP linked MO is not for a configured item, the SOP Line should just show the normal GP Item Number.</p>	



Solution Overview

<i>Solution Overview</i>	CCDA
<p>An existing GP Report Writer function provides a “hook” into customizations so that information can be returned from customizations/3rd party products.</p> <p>A customization will be created that is used by the GP Report Writer function to return to the SOP Order or Invoice report the Item Number, or if present, the Configured BOM Name.</p>	

Design Features

<i>GP Report Writer Integration</i>	CCDA
<p>A small dexterity customization will be created that “hooks” onto an existing GP Report Writer function called <code>rw_TableLineString</code>.</p> <p>Any SOP Report that needs to show the Configured BOM Name on the SOP line will need to be modified. The report modification is not included in this estimate.</p> <p>For each report:</p> <ul style="list-style-type: none"> • The Item Number field (which is a calculated field) on the report will be replaced with a new Calculated Field. • The new Calculated Field will use the <code>rw_TableLineString</code> function. Detailed instructions will be provided in the documentation when the code is delivered on how to use this function. • The customization will “hook” onto calls to <code>rw_TableLineString</code>. Among the parameters passed to <code>rw_TableLineString</code> are the SOP Number, SOP Type, and SOP Line Number. The customization will use this information to: <ol style="list-style-type: none"> a. Find a linked MO b. See if the made item has a Configured BOM. If so, it will return the Configured BOM Name c. Otherwise it will return the Item Number used on the SOP Line 	