



DS0591

Component Lot to MO Lot Automation



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Problem Definition

<i>Problem Definition</i>	CCDA
<p>ACME Co. is currently utilizing Quick MO's with the setting "Manually select serial/lot numbers in Quick MO" selected. To create efficiencies in the closing of the Quick MO and for traceability, they would like the MO's Finished Good to have the same lot number(s) as the Lot Controlled component. They would like the Finished Good lot number to be set automatically during the MO Close process.</p>	



Solution Overview

<i>Solution Overview</i>	CCDA
<p>Please see the Design Features section below.</p>	

Design Features

Quick MO Close process	CCDA
<p>There is no user interface. The enhancement is designed under the basis that only one component per Manufacturing Order is lot-controlled. During the Close MO process, the Finished Good lot number will be set in the following manner:</p> <p>One Lot Component on MO with one lot number selected The system will automatically set the Finished Good's lot number to the lot number of the Component.</p> <p>One Lot Component on MO with multiple lot numbers selected The system will automatically set the Finished Good's lot numbers to the lot numbers of the Component. The component quantity and the Finished Good quantity will always be equal. For example, a Quick MO is placed to make 50 pieces of Finished Good item 123. This requires 50 pieces of the lot controlled component 456. Two lots of the component are selected:</p> <ul style="list-style-type: none"> • Component Item 456 – 24 pieces of lot ABC • Component Item 456 – 26 pieces of lot DEF <p>The Finished Good item 123 will be received into stock as the following:</p> <ul style="list-style-type: none"> • FG Item 123 – 24 pieces of lot ABC • FG Item 123 – 26 pieces of lot DEF <p>Controls:</p> <ul style="list-style-type: none"> • If multiple Lot Components are present on the MO, the enhancement will do nothing. The user will need to manually enter the Finished Good's lot number(s). • If the Lot Component quantity and the Finished Good quantity do not equal, the enhancement will do nothing. The user will need to manually enter the Finished Good's lot number(s). 	

