

CHANGE REQUEST			
Project Name	POP Configuration Builder		
Change Request #	CR0246		

Description of Change

Description of Need:

AMECO purchases mid- or top-level assemblies which contain serialized components. The main assembly is received into inventory, but the individual components it contains are not. These components are field replaceable.

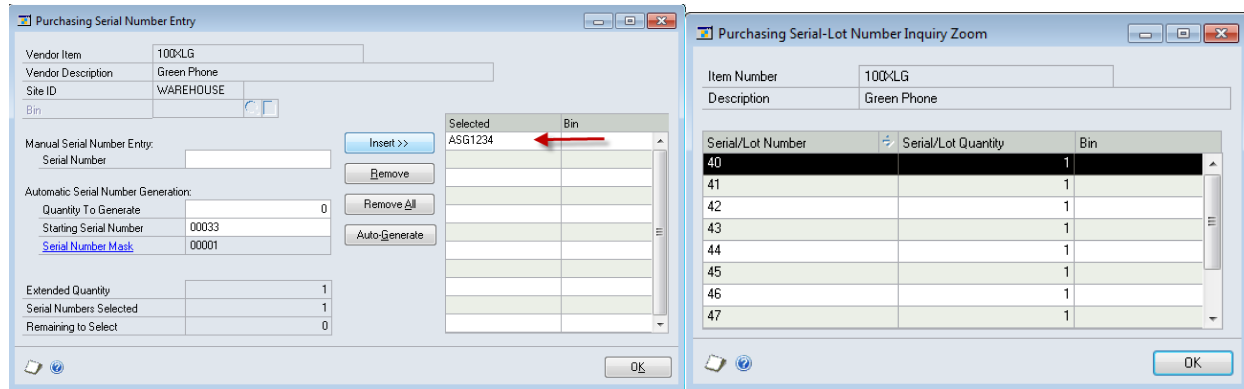
To support use of Field Service, the entire assembly, with its serialized components, needs to be created in service as Equipment Records, with the entire structure recorded within a Configuration.

Description of Solution:

A new window will be added to Dynamics GP to record the components within a purchased, serial numbered assembly. The new Component Entry window will be accessible from three locations:

- Purchasing Serial Number Entry (used to enter serial numbers on a PO Receipt)
- Purchasing Serial-Lot Number Inquiry Zoom (used to view serial numbers on a Posted Receipt)
- Cards >> Service Call Mgmt >> Component Entry

These two windows are shown below.



From both locations the Component Entry window will be accessed from: Extras >> Record Components (see below).

Later when the Assembly is sold (the Item & Serial Number appear on a Sales Invoice created by Service), the service module will automatically create an Equipment Record for the top-level Assembly. The customization will then look-up the linked components which were entered on the PO Receipt, create Equipment Records for those components and link all of the records together in a Service Configuration.

The Configuration Reference will be created using the SOP Number plus an incrementing number per serialized unit on the SOP Invoice. So, for example, the Configuration Reference might be STDINV2345_1, STDINV2345_2, etc.

X
Component Entry

Save Clear

Parent Item

Description

Serial Number

Item Number	Description	Serial Number	Quantity
128SDRAM	Memory		4
BA100G	CB Assm	BA007-1G	1

= Lookup Button

Field	Function
Parent Item	If opened from one of the PO Receipt windows, this populates automatically. User can also manually enter an Item Number, or select one from the Lookup
Description	Populates when Item Number is entered.
Serial Number	If opened from one of the PO Receipt windows, this populates automatically. User can also manually enter a Serial Number, or select one from the Lookup.
	SCROLLING WINDOW
Item Number	User enters an Item Number (Component), or selects one from the Lookup. This may be a serial numbered component, or non-serial/lot tracked item. It may not be a lot tracked item.
Description	Populates automatically when Item Number is selected
Serial Number	If the component is serial tracked, a serial number will be required
Quantity	If the component is serial tracked, quantity will default to 1 and cannot be changed. For other items the quantity can be changed.
	BUTTONS
SAVE	Saves the record and clears the window
CLEAR	Clears the window without saving changes. Note: changes made to scrolling window lines are always saved. Clearing does not undo such changes.

