

# Deltek Costpoint – Production: Directed Issue to Manufacturing Orders

This application issue parts to a Manufacturing Order (MO). First it collects all the MOs, then it suggests the most efficient path through the warehouse for picking all parts.

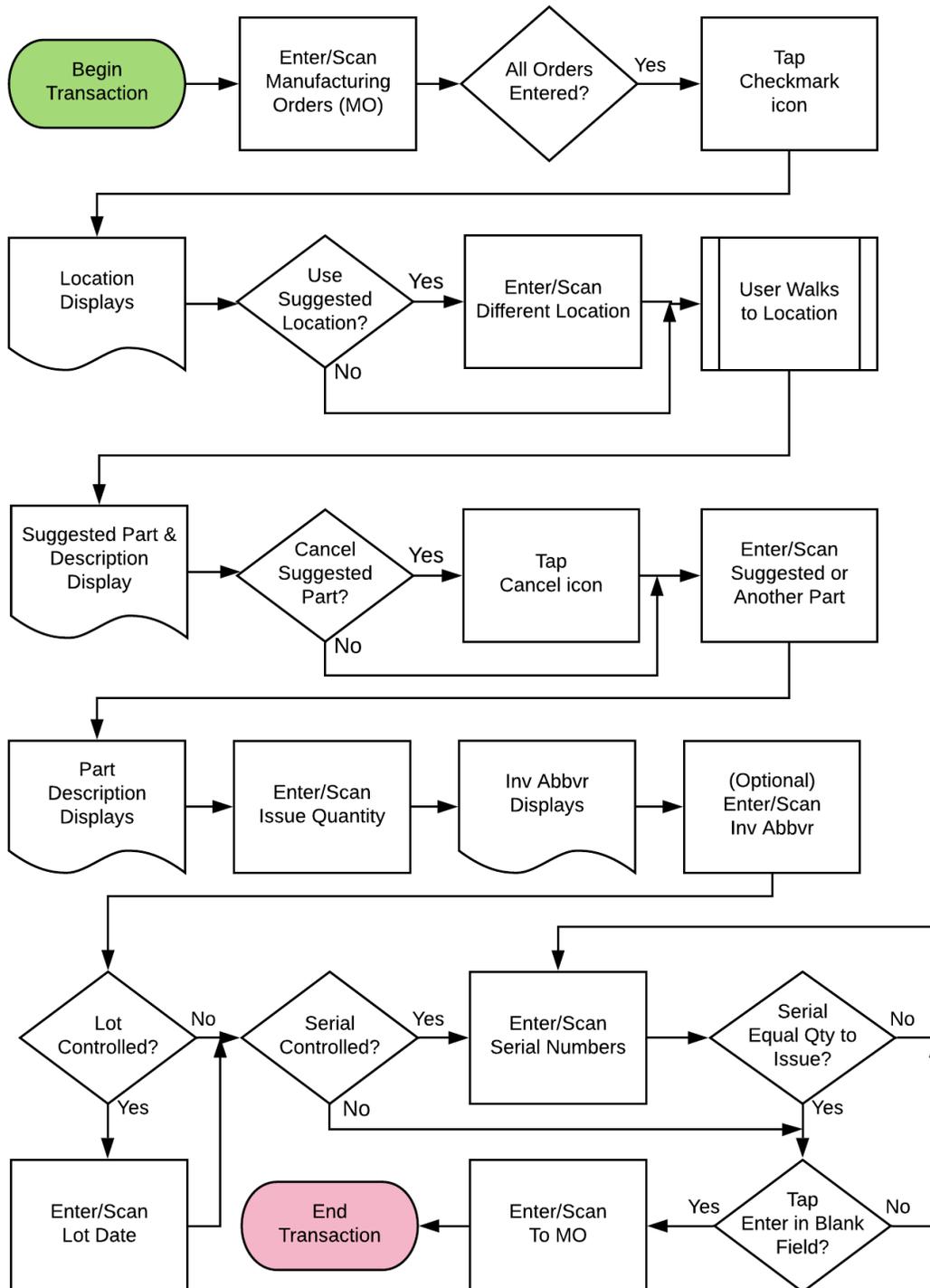
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## RFgen Functional Documentation 2019

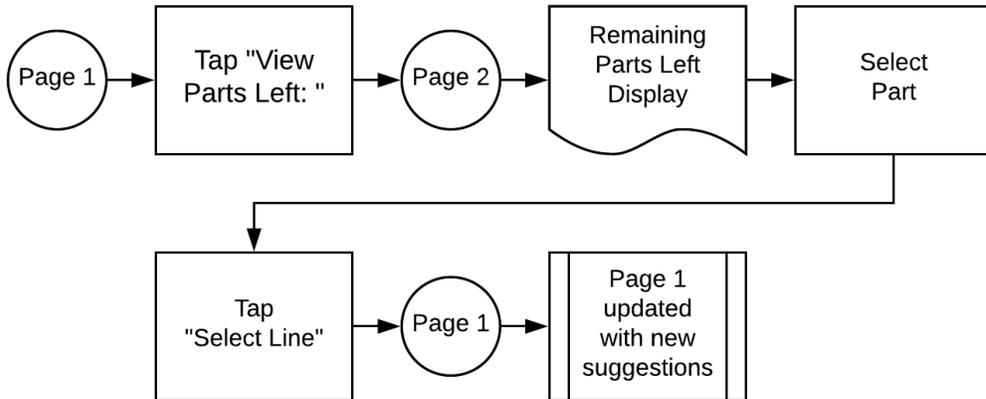
RFgen provides its customers Costpoint-validated, ready-to-use suites of “Open Source” applications and a development environment that can be used to create new apps or to modify existing apps.

This document describes the business workflow and technical information used in this application

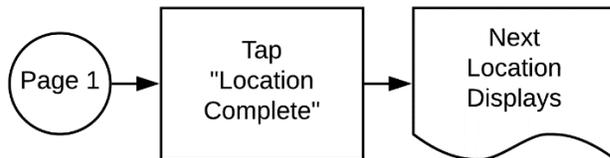
## Costpoint: Production - Directed Issue to MO Workflow



## Costpoint: Production - Directed Issue to Manufacturing Orders Workflow (2 of 3)



## Costpoint: Production - Directed Issue to Manufacturing Orders Workflow (3 of 3)



## FPRII0310 Production – Directed Issue to Manufacturing Orders

This application issue parts to a Manufacturing Order (MO). First it collects all the MOs, then it suggests the most efficient path through the warehouse for picking all parts.



### Description of Workflow (1 of 2)

First the user will scan, search, or enter a Manufacturing Order. Upon validation, the focus will remain on the MO field to let the user enter additional orders.

After all the MOs are entered, the user taps on the **Checkmark** icon.

The application consolidates all the items and locations across all open MO lines and suggests the first location. These application-directed suggestions provide the most efficient pick route through the warehouse so the user stops at each location only once.

The location field defaults to the suggested location, but can be overwritten by scanning, entering, or searching for an alternate location. Based on the location, the suggested part will be displayed.

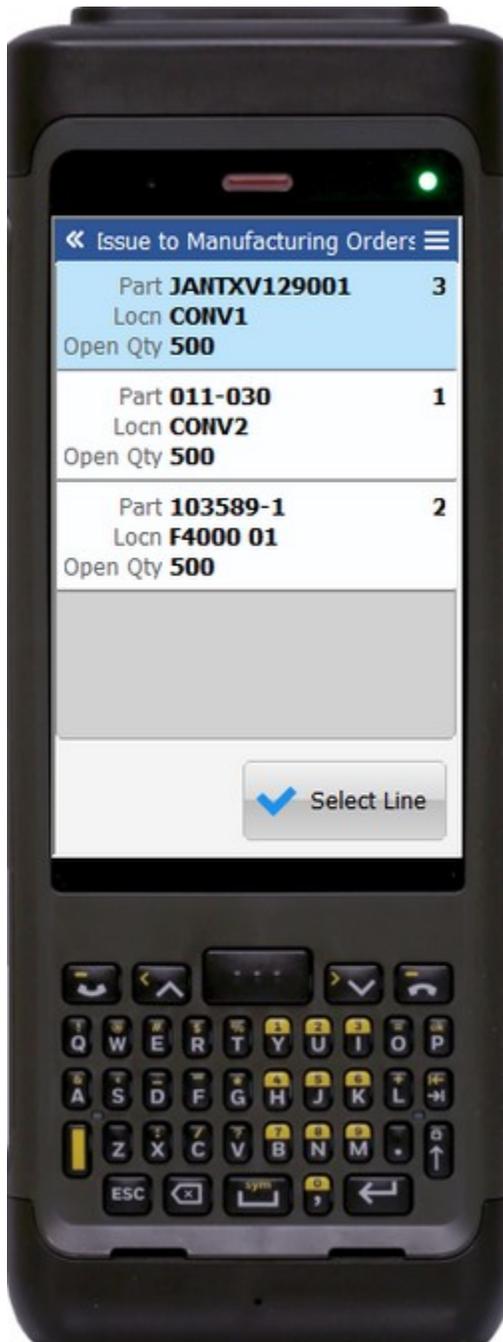
The user then walks to the location and scans or enters a part.

The suggested part should be scanned, but a different part from that location could be entered too. If a part needs to be skipped entirely, the user taps on the **Cancel** icon to tell the application the part cannot be picked. The part description will display.



The user enters the quantity of the part they wish to issue to the sales order.

The inventory abbreviation default displays, but can be overwritten by scanning or entering an alternate value.



If the part is lot-controlled, the user scans or enters a Lot Date.

If the part is serial-controlled, the user scans or enters a serial number. A counter to the right of the serial field accumulates how many serials are entered. The focus stays in the Serial field until the same number of entries match the quantity to issue. If the user presses **Enter** with the field blank, the application will advance to the next field.

The user scans or enters the destination MO to which the part is being issued.

As each part is picked, the application posts to Costpoint.

If the user taps on the **View Parts Left** button, they user is taken to page 2 where all remaining parts to issue are displayed.

If the user taps on the **Location Complete** button, the application will advance to the next suggested location and restart the page.

The arrow in the upper left corner will take the user back to the menu.

### Description of Workflow (2 of 2)

Page 2 displays all the remaining parts sorted by location.



The panel list displays the MO line number, part number, location, and issue quantity.

If the user wants to jump out of sequence and pick a part not yet suggested, they can find the part in this list and click the Select Line button.

That will update page 1 with the new suggestions and expect the user to pick that part and the newly selected location.

The double arrows in the upper left corner will take the user back to page 1.

## Technical Information

The following describes the tables used for validation, search lists, or functions for a given prompt in this application. If applicable, the default property is also included.

Prompt	Validation / Search – Tables / Web Method
Orders	MO_HDR / MO_RQMT / WHSE_LOC / INVT_WHSE_LOC
Locn	Must be on the order
Part	Must be on the order
Issue Qty	NA
Inv Abbr	PART / ITEM
Lot Date	NA
Serial	INVT_WHS_LOC_SR_LT
To MO	MO_HDR
App Update	PCMMOISS web service

