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Manufacturing Component Transaction Entry

Cavallo Support - 2024-11-22 - [Setup](#)

Overview

This document details the setup and use of the Manufacturing Component Transaction Entry screen that has been added to DataCollection's mobile client. The screen is capable of processing 4 transaction types, Issue, Reverse Issue, Scrap and Reverse Scrap. All transaction created with this screen must still be posted from within Dynamics GP to be finalized.

Settings, Security & Setup

Settings

There are 3 settings associated with the Mfg Transaction screen.

MFG Transaction Entry Fields To Clear - A list of fields on the screen that will be cleared when the **Clear** button is pressed and when a valid Pick Document Line has been submitted. Defaults to Item, Serial/Lot, Qty/UOfM, Bin, FromSite, ToSite, OrigPick.

MFG Transaction Entry Field Sequence - An ordered list of strings that are used to rearrange the fields on the Mfg Transaction screen on the mobile device. Defaults to TrxType, MO#, Item, Bin, Serial/Lot, FromSite, ToSite, Qty/UOfM, OrigPick.

MO Statures For Which Picking Is Allowed - A list of MO Statures for which component transactions are allowed. Defaults to Partially Received, Complete, Released.

Additionally, the setting *Data Collection Mobile Menu Order* can be edited to include the value Mfg Transaction Entry in the appropriate order desired.

Transaction	
DataCollection Screen Setup	
MFG Transaction Entry Fields To Clear	String[] Array
[0]	Item
[1]	Serial/Lot
[2]	Qty/UOfM
[3]	Bin
[4]	FromSite
[5]	ToSite
[6]	OrigPick
MFG Transaction Field Sequence	String[] Array
[0]	TrxType
[1]	MO#
[2]	Item
[3]	Bin
[4]	Serial/Lot
[5]	FromSite
[6]	ToSite
[7]	Qty/UOfM
[8]	OrigPick
Manufacturing Transaction Entry	
MO Statures For Which Picking Is Allowed	String[] Array
[0]	Partially Received
[1]	Complete
[2]	Released

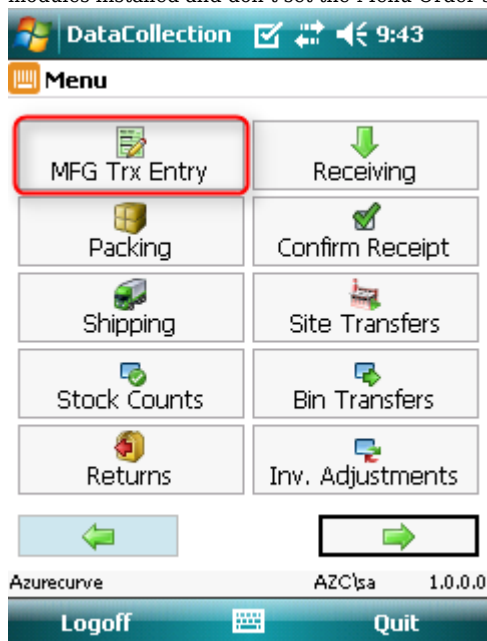
Security

As with all mobile device screens, the security setting *Mobile Manufacturing Component Transaction Entry* must be enabled for the security group in order for the screen to be available to the appropriate users.

Security:		Copy Security	Export Security	Import Security	Enable All Settings	>>
Enabled	Plugin Name					
<input type="checkbox"/>	Mobile Mfg					
<input checked="" type="checkbox"/>	Mobile MFG Transaction Entry					

Usage

To begin entering a component transaction, you must create a Manufacturing Order with Dynamics GP and set the status to one of the allowed statuses based on the setting described earlier. Once an order is ready, navigate on the mobile device to the **Mfg Trx Entry** button. It may be located on another page if you have more than 10 modules installed and don't set the Menu Order setting.



You will see the following screen appear. A valid Manufacturing Order number must be supplied in order to continue to enter a transaction.

Note: If multi-bin is not enabled on the company, the Bin field will not show.

DataCollection [Icons] [ok]

MC Trx Entry

MO#:

Trx Type: Issue ▼

Bin:

Item:

S/L:

Qty: UoM: (default) ▼

From Site: WAREHOUSE

To Site:

Azurecurve DC\sa 1.0.0.0

Clear [Icon] Submit

Currently, the only supported transactions are Issue, Reverse Issue, Scrap, and Reverse Scrap.

DataCollection [Icons] [ok]

MC Trx Entry

MO#:

Trx Type: Issue ▼

Bin:

Item:

S/L:

Qty: UoM: (default) ▼

From Site: WAREHOUSE

To Site:

Azurecurve DC\sa 1.0.0.0

Clear [Icon] Submit

Issue
Reverse Issue
Scrap
Reverse Scrap

Fill in all the information for the transaction you're attempting to create and click **Submit**. Each submission creates a line on the current transaction document, creating a new document if necessary, as long as the screen remains active and the transaction type is not changed.

Alternatively to scanning, each of the labels that are highlighted blue and underlined are lookups for the corresponding field and will show the available documents/items/locations that you can choose from. Below is the lookup for items available to Issue for the current manufacturing order.

Lookup

Select Component:

Seq	Item Num	Remaining...
1	LOT	25
2	NONTRAC...	10
3	SERIAL	9

OK Cancel

When creating a Reverse Issue, Scrap or Reverse Scrap, you must supply the original document number for that transaction to reference. You will see the additional field appear at the bottom of the screen for these transactions.

DataCollection

MC Trx Entry

MO#:

Trx Type: Reverse Issue ▼

Bin:

Item:

S/L:

Qty: UoM: ▼

From Site: WAREHOUSE

To Site:

Orig Pk#:

Azurecurve DC\sa 1.0.0.0

Clear Submit

At present this field can only be changed using the Item label lookup (left) or the Orig Pk# label lookup (right). Notice the second screen has filtered to the chosen item.

Lookup

Select Component:

Pick #	Item Num	Remaining...
PK00059	LOT	50
PK00059	NONTRAC...	10
PK00065	NONTRAC...	15
PK00065	NONTRAC...	15
PK00059	SERIAL	48

OK Cancel

Lookup

Select Component:

Pick #	Item Num	Remaining...
PK00059	NONTRAC...	10
PK00065	NONTRAC...	15
PK00065	NONTRAC...	15

OK Cancel