DataMAX Software Group, Inc.
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Oracle JD Edwards
Equipment Plant Maintenance
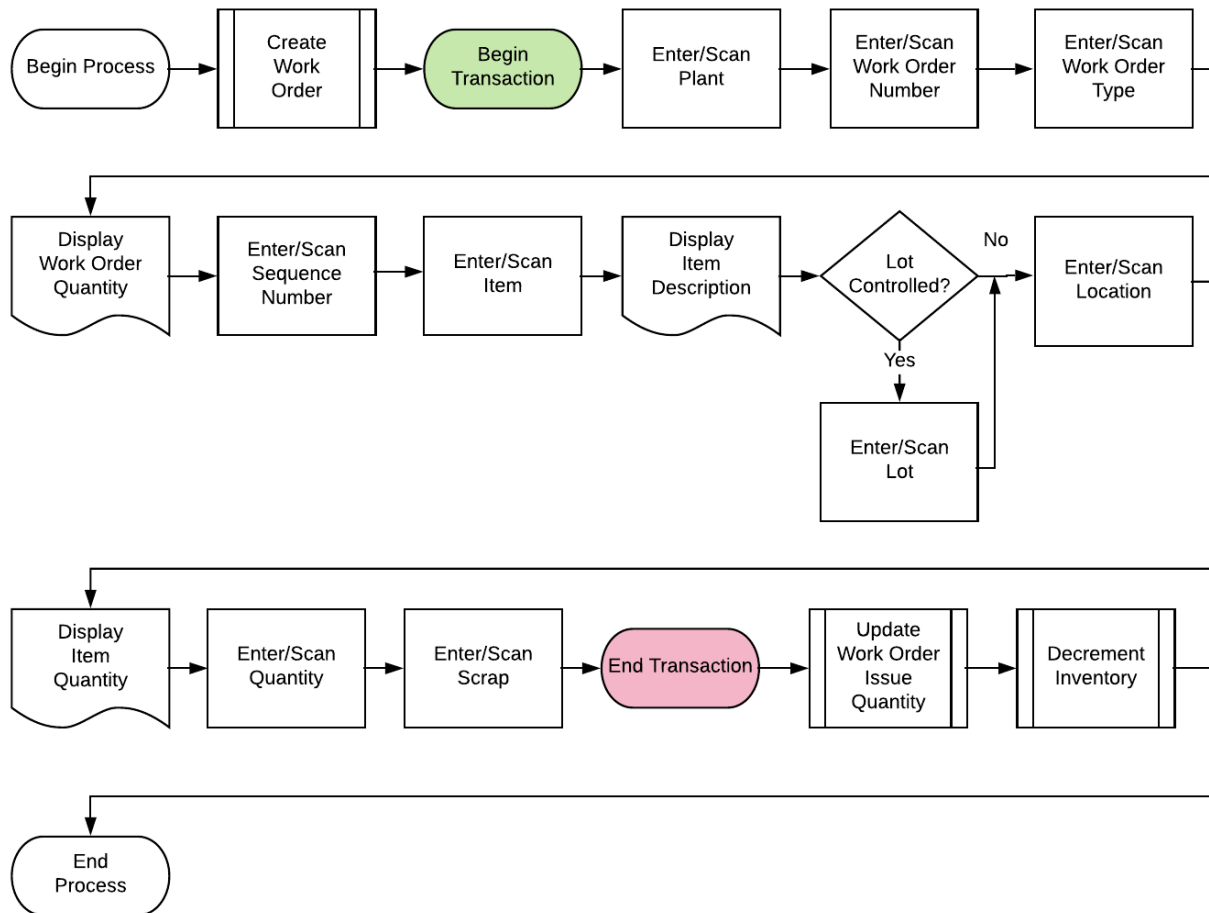# COMPONENT ISSUE

Component issues are used to request the manufacturing of a specific quantity of an item from other components or materials. This application issues materials from the parts list attached to a work order.

RFgen Functional Documentation

2019

RFgen provides its customers Oracle-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.

JD Edwards: Equipment Plant Maintenance - Component Issue Workflow

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Begin Process → Create Work Order → Begin Transaction → Enter/Scan Plant → Enter/Scan Work Order Number → Enter/Scan Work Order Type

Display Work Order Quantity → Enter/Scan Sequence Number → Enter/Scan Item → Display Item Description → Lot Controlled?
    No → Enter/Scan Location
    Yes → Enter/Scan Lot → Enter/Scan Location

Display Item Quantity → Enter/Scan Quantity → Enter/Scan Scrap → End Transaction → Update Work Order Issue Quantity → Decrement Inventory

End Process
```

FEPCI0100 Equipment Plant Maintenance – Component Issue

This application issues materials from the parts list attached to a work order and also scraps out-of-spec parts rendered by a manufacturing operation or from stock.
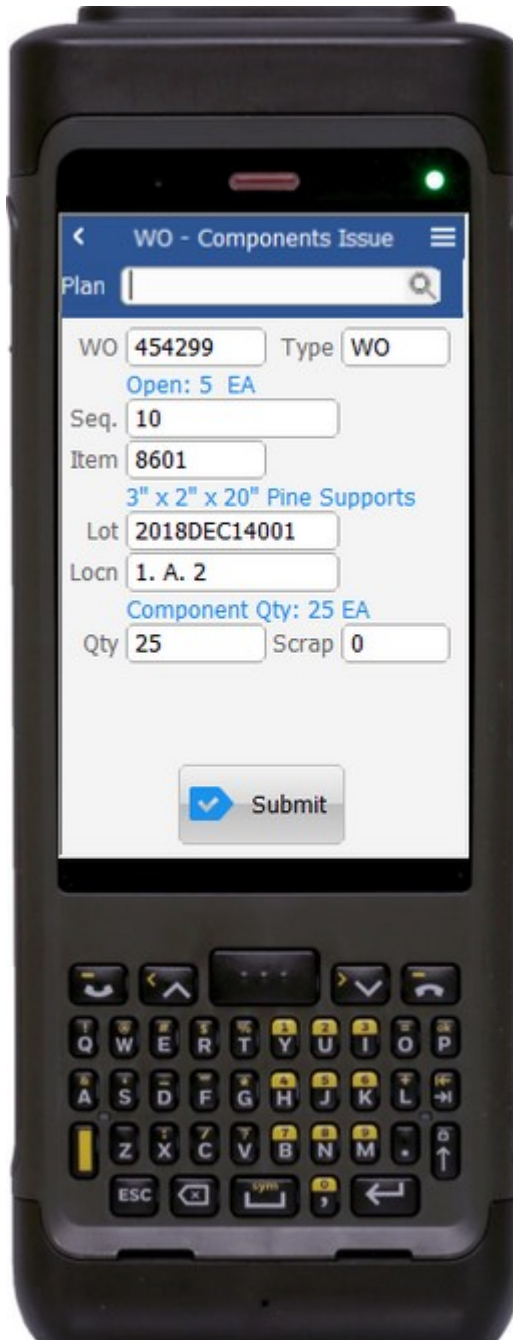
Description of Workflow

First work orders are generated in the JDE system by the person authorized to create work orders.

First the user logs into RFgen and selects this application from the menu.

The user scans, enters, or searches for a plant if one does not default from the user profile.

The user scans, enters, or searches and selects the work order number (WO).

The user scans, enters, or searches and selects the work order type.

The number of open work orders displays.

The user scans, enters, or searches and selects the sequence (Seq.) and Item. If the "Seq-Item" is an *unplanned* component, the user is prompted on whether to proceed with the issue.

If "No" is selected, the cursor will remain in the Item field, and the user can exit the transaction by clicking on the arrow at the top left of the application.

If "Yes" is selected to proceed with the unplanned component, the workflow continues, and the item description displays.

If the item is lot-controlled, the Lot field displays. The user must scan, enter, or search and select the lot.

If the item is not lot-controlled, the Lot field will not display.

The user then scans, enters, or searches and selects the location (**Locn**).

The user enters the quantity (Qty) to be issued, and quantity to be scrapped.

The planned component quantity displays. If the component was unplanned, this quantity is zero.

To update the inventory, the user taps the **Submit** button.

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

Note the RFgen application presented in this document is based on JDE Interactive Application version ZJDE0001. Your display of the same application may look different due to the JDE version and settings in your environment.

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 / Functions	Default Property / in-code defaults
Plant	F41001, F0006	RFgen User Profile
Work Order (WO)	F4801	Work Order Master File
Type	F4801	Work Order Master File
Seq	F3111 F3112	Work Order Parts List, Work Order Routing
Item	F3111	Work Order Parts List
Lot	F4801	Work Order Master File
Location	NA	Item Location File
Qty	NA	NA
Scrap	NA	NA

This application reads records of "item branch" table (F4102) and records of "shop floor" tables (F4801 – "work order master file" and F3111 – "work order parts list"). Moreover, this application invokes JDE vanilla business functions that:

- Relieves inventory
- Updates the Item Location File table (F41021)
- Writes records to the Item Ledger File table (F4111)
- Updates the Production Cost table (F3102)
- Updates unaccounted units in the Work Order Parts List table (F3111)
- Writes general ledger transaction in the Account Ledger table (F0911)

Customization Considerations

If you are planning on creating a new version of this application or modifying it for a customer, consider asking these questions to help prepare your list of customization requirements.

1. At what point (i.e. operation sequence) in the manufacturing process are components needed?

2. What are the specified quantities consumed by the operation?

3. Did the operation consume more quantities than that specified in the routing instructions?

4. From which aisles or bins should materials be sourced?

5. From which lots should materials be sourced?

6. Did an operation consume items that are not listed in the routing instructions?