

Oracle JD Edwards WORK ORDER COMPONENT ISSUE

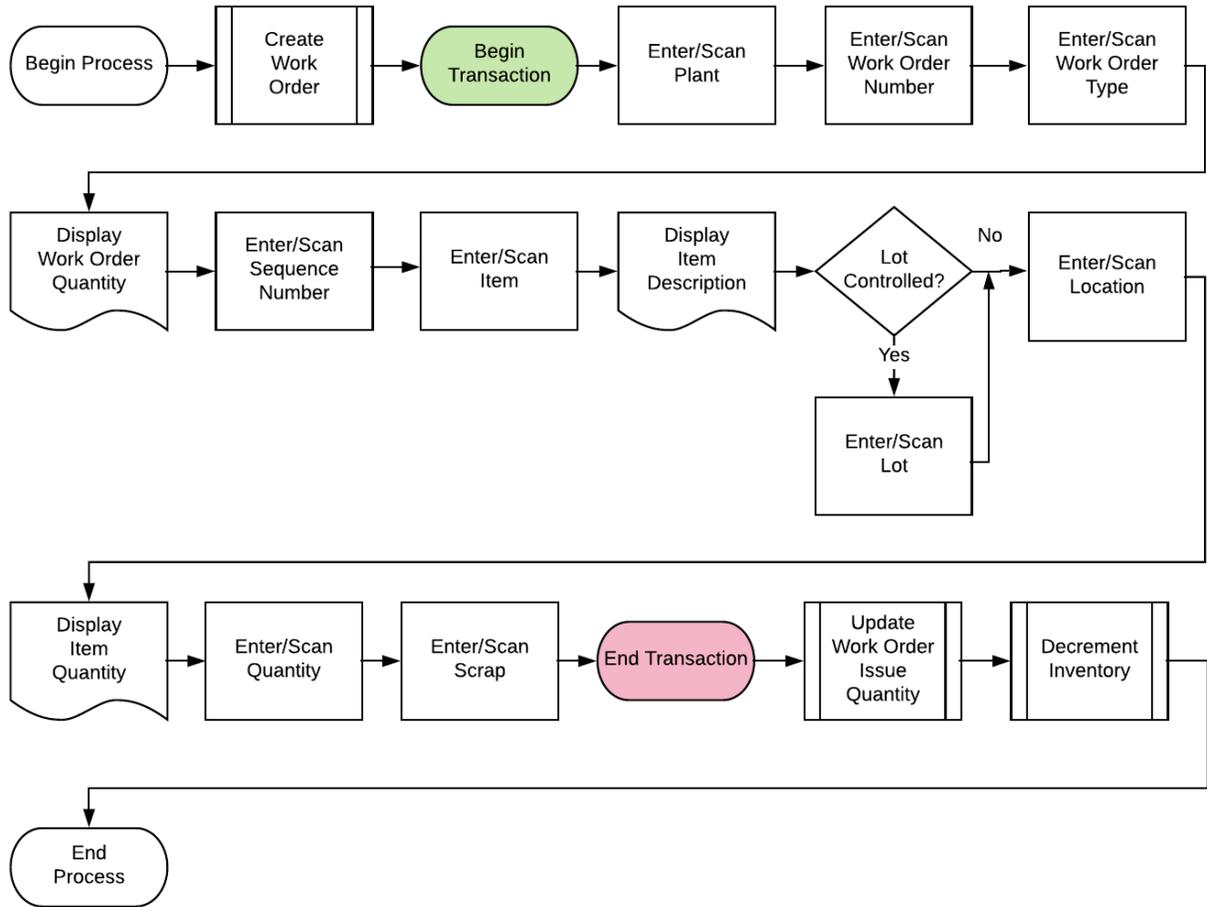
Work orders are used to request the manufacturing of a specific quantity of an item from other components or materials. This application issues materials from the parts list attached to a work order.

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.

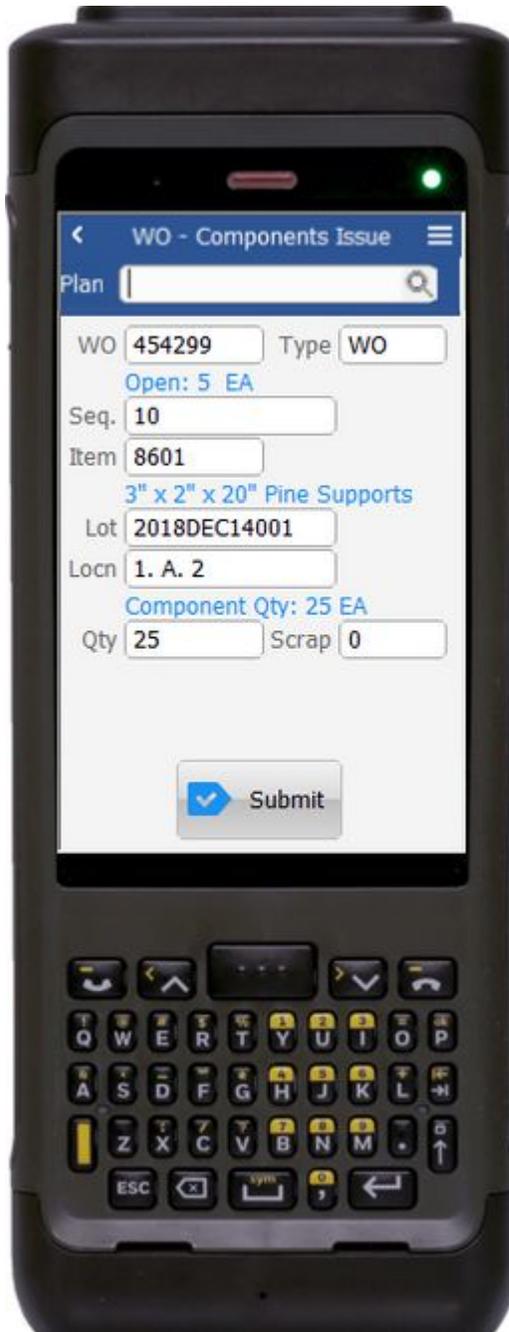
This document describes the business workflow and technical information used in this application.

JD Edwards: Work Order (WO) - WO Component Issue Workflow



FWOCIO100 Work Order – Work Order 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?

