

JD EDWARDS ENTERPRISEONE CONFIGURATOR



KEY BENEFITS

- Improve inventory management with more flexibility and detail
- Match production and distribution processes used across multiple facilities and partners
- Support direct and inter-branch sales orders
- Use configured purchase orders and work orders
- Specify a variety of features and options
- Establish relationships between options to prevent invalid configurations
- Create rules to determine price, cost, part lists, routings and values
- Use without a network, over an intranet, or on the web (when used with HTML version)

Move configured products through the supply chain using configured purchase orders, work orders, inter-branch orders and direct sales order across multiple facilities and partners throughout industrial manufacturing, electronics manufacturing and wholesale distribution environments.

The Issue: Many Different Product Configurations within a Complex Mix

Your products come in many different configurations. Providing visibility and validating accuracy of each configuration is a nightmare and often mistakes occur, discovered at the end of the sales or production cycle. Your enterprise is dynamic, growing and complex with multiple intra-company and external partners.

The Solution: Rules Based Configuration that Support Multi-level Product Structures

Oracle's JD Edwards EnterpriseOne Configurator module provides your company with a diverse set of rules and validation algorithms that are managed without customization. The rules are flexible for multi-level product structures with many options that are setup by your company to meet your configuration demands. By actively managing configurations of your products you reduce errors from incorrectly configured items and at the same time reduce your costs for rework and excessive pre-built inventory. The module also supports diverse arrangements of configuration ranging from in-house work orders to external drop-ship suppliers working across your supply chain.

Configuration Examples Across Your Extended Enterprise

JD Edwards EnterpriseOne Configurator offers many different opportunities for managing configurations across your extended supply chain from within your Figure 1 shows a typical example for a common configured purchased order.

1. Branch A needs to stock some sub-assemblies.
2. Branch A goes into Purchase Order Entry and configures the sub-assemblies they needs as distinct item.
3. The configured item is shipped from the supplier to branch A and received into inventory.

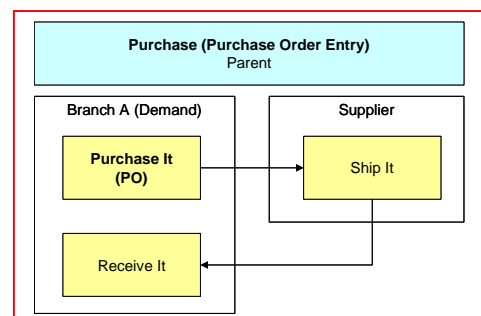
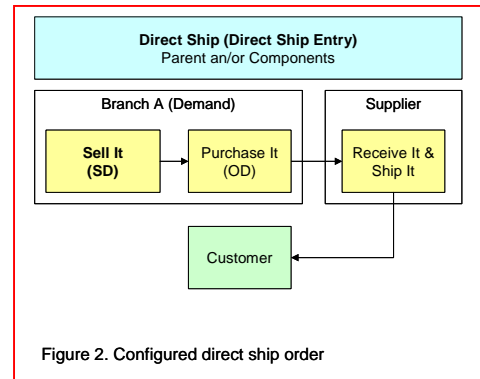


Figure 1. Configured purchase order

On the other hand, a configured direct ship order is schematically depicted in Figure 2.

The basic process is:

1. Branch A has a customer requesting the sale of an item supplied by an outside source.
2. Branch A goes to Direct Ship Entry in JD Edwards EnterpriseOne Configurator to order and configure the item.
3. The supplier builds the item.
4. The supplier ships the item directly to the customer.

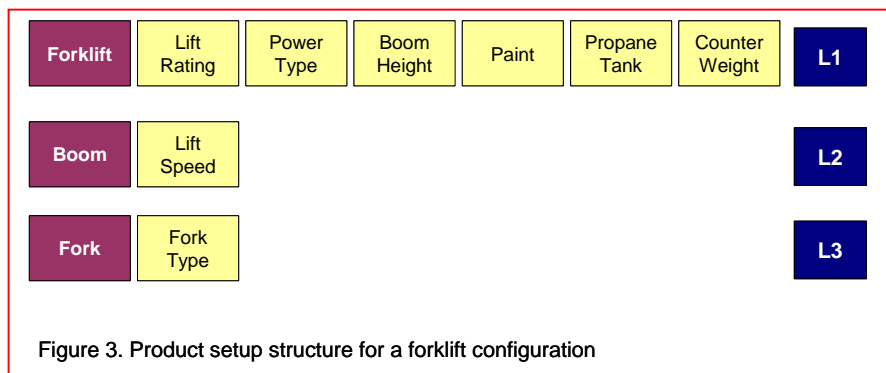


You decide how to set up your configuration matrices across your supply chain. Table 1 shows the combinations of ordering vehicles and the available options that provide your organization with flexibility to support configuration across your supply chain.

Available Order Choice	/WO	
Purchase Order		
Transfer Order		
Inter-Branch Order		
Direct Ship Order		
Work Order		

Product Setup Options Support Your Product Configurations

You are in charge of how your products are configured. You define the features and options for each configured item. Within these options you define what calculated values will be used by the rules for editing and assembly inclusion. The options provided in JD Edwards EnterpriseOne Configurator included adding attachments (e.g. special assembly instructions) within a framework of up to ten levels of configured items. Figure 3 schematically depicts one way a forklift manufacturer can set up JD Edwards EnterpriseOne Configurator with no customization – it is all “out-of-the-box” and ready for your product configurations.



Product Validation. Verify Configurations are Real

JD Edwards EnterpriseOne Configurator doesn't stop at just setting up configurations of your products. The module features powerful cross-segment editing for dynamic product validation. Product validation can:

- Establish relationships between item segments using logic statement rules.
- Determine if selected options can produce a valid configuration.
- Produce error messages (hard and soft) for invalid configurations.
- Enable users to create custom error messages.
- Allow for rules to be copied from one configured item to another configured item.
- Set up generic rules for multiple branches in your enterprise.

Assembly Inclusion Rules for Added Flexibility and Accuracy

JD Edwards EnterpriseOne Configurator also includes advanced assembly inclusion rules that feature:

- Expanded derived calculation formulas.
- Smart part definitions that can create part numbers on the fly.
- Table processing for complex configurations.
- External program references.

The rules for assembly inclusion use powerful algorithms that work from the following variables:

P	Component Part Rule
Q	Work Order Component Part Rule
X	Pricing Rule
R	Routing Rule
C	Calculation
H	Hot Spots

Feature/Function Highlights

- Configured supply transactions
 - Inter-branch orders
 - Transfer orders
 - Direct ship orders
 - Purchase orders
- EPM integration
 - Purchase orders
 - Work orders
- Normalized configuration tables

Solution Integration

- JD Edwards EnterpriseOne Customer Order Management
 - Agreement Management module
 - Order Promising module
 - Product Variants module
 - Sales Order Management module

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