

## Product Configurator

The eMIS Product Configurator provides a rule-based Configurator for the management of assemble-to-order and configure-to-order products. It captures the collective expertise of your Engineers and allows non-expert personnel to use that expertise for the configuration and pricing of your products. The eMIS Product Configurator handles required Bills of Material, optional Bills of Material or Components, and dependent Bills of Material or Components. The Configurator allows an Engineer to define a set of rules and values, which will govern the configuration of a product line. By identifying both the options and the required Bills of Material for the product along with associated dependent Components, Order Entry becomes more efficient and less prone to errors. End users will quickly and successfully generate complex product configurations, including flexible pricing structures, features, and options. The eMIS Product Configurator demands less Engineering involvement in the Order Entry process because the requirements need to be determined only once, and then the Configurator will "navigate" the entry of orders based on Engineering or model specifications.

ESI  
Technologies

### **Features:**

- Rule-based design.
- Existing configurations may be edited at any time.
- Configurator can be run in three modes: kitting, work order based, or non-inventory based, simultaneously.
- Configurator can generate valid Inventory Records, Bill of Material Records, and Routing Records.
- Configurator uses Effectivity Dates throughout.
- Configurator can generate appropriate Inventory Records for planning purposes.
- Multi-mode pricing is available.

### **Benefits:**

- Empowers the user to create rules based on the local business environment.
- Allows for quicker editing of existing configurations.
- Driven by a Sales Order, this function can have different effects on the business for the same configuration.
- Based on pre-described conditions, the Configurator will automatically generate all necessary records.
- Both configuration of the product and pricing of the product can be date sensitive.
- Once an Item has been configured, the information is conveyed through the entire eMIS system for reaction.
- While in Order Entry, the Configurator utilizes a variety of methods to generate a price for a configuration.