



TAKE THE COMPLEXITY OUT OF CTO MANUFACTURING WITH IFS/CONFIGURE TO ORDER

IFS/Configure to Order™ (IFS/CTO) gives you a powerful competitive edge so that you can produce and deliver products that are customized to specific customer needs. With IFS/CTO you get comprehensive functionality to handle the intricate material flow of parts that can be combined into millions of combinations. IFS/CTO offers a total solution that covers all related front- and back-office processes, from order taking through material management and manufacturing to shipping.

REDUCE PRODUCT LEAD TIME AND COST

With IFS/Configure to Order™ you can manage the complexity of selling and manufacturing configurable parts. By enforcing predefined engineering rules as part of the sales process, IFS Applications™ ensures that a valid product configuration can immediately be released to manufacturing so that the product does not have to be reengineered each time an order is taken, thus reducing product delivery lead time and cost.

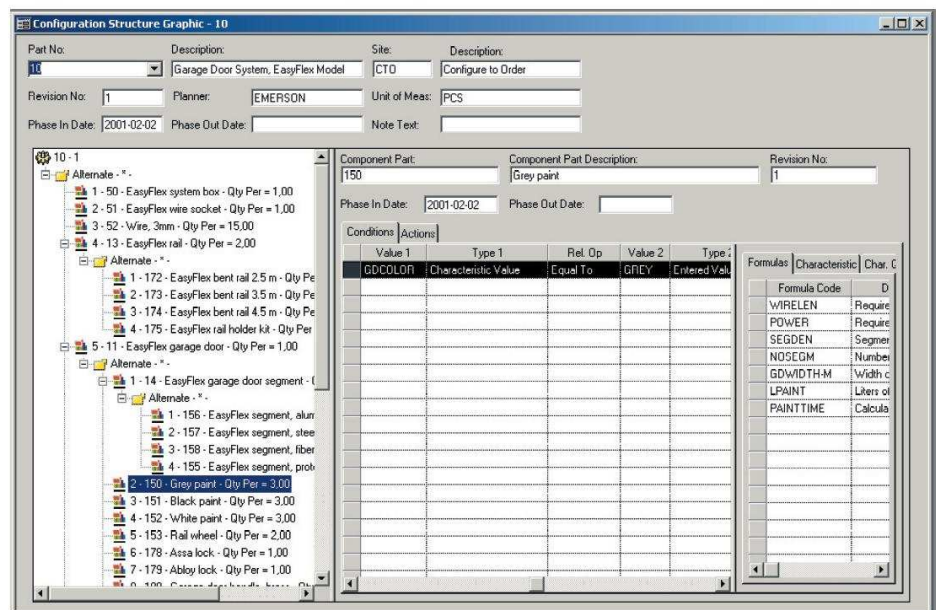
MAKE ORDER ENTRY MORE RELIABLE

A key aspect of the solution is that instead of using a part number for each unique combination, you only need to maintain a configurable base part. For each base part, you then establish characteristics (e.g. color or length) and option values that can be discrete/absolute values e.g. red and blue) or variable/infinite values (e.g. numbers and dimensions that have not been previously defined), which together describe all allowable configurations. When you select characteristics and associated option values for a base part, it becomes a configured product. Pricing the configured product is easy since this is automatically done using the characteristics, options, and quantities selected.

Since IFS/Configure to Order™ is integrated with IFS/Constraint-Based Scheduling™, you can immediately give your customer an accurate promise date for delivery, based on material and capacity constraints.

REDUCE THE NUMBER OF PRODUCT STRUCTURES AND ROUTINGS

Another feature of IFS/Configure to Order™ is the use of user-defined manufacturing rules, which determine the correct process for producing the desired configuration. Therefore, product structures and routings are established based on the selected characteristics, option values, and quantities. Your manufacturing process is transparent, flexible, and reliable while keeping product structures and routings to a minimum.



Multi-Level Structure of Configured Products

STREAMLINE YOUR ORDER FULFILLMENT PROCESS

The integration of IFS/Configure to Order™ with other IFS Applications™ components makes your job even easier. As soon as a customer order line for a configured product is released, IFS/Make|Configure|Assemble to Order™ automatically creates supply orders. Other integrated



components, such as IFS/Purchasing™ and IFS/Shop Order™, then help you process these orders. Once the end product is completed, it is automatically issued back to the customer order.

IFS/Configure to Order™ (IFS/CTO) provides you with:

- One product, “infinite” variations
- One configuration structure that mirrors the product
- Simplified change management
- Flexibility to add/remove characteristics or associated option values
- Tailored manufacturing for each customer configuration
- Configuration that is defined once in the system

SPECIFICATION OF CONFIGURED PARTS

- The specification provides the “as-offered” view of the product.
- Characteristics and valid associated option values for these characteristics are defined on a part-by-part basis so that the effects of the characteristics and the defined values on product structures and routings are also defined.

ORDER/QUOTATION ENTRY

- Sales rules verify that selected characteristics and option values are valid for the base item when orders are created.
- Available-to-promise (ATP) and capable-to-promise (CTP) calculations for configured parts based on material and capacity availability are provided.

MANUFACTURING

- Multilevel configured products are supported, which means that the configured product may consist of configured subassemblies or configured purchased parts.
- Bills of material and routings as well as required tools and work guidelines are automatically created based on user-defined rules for valid combinations of characteristics and option values.
- Based on user-defined formulas, IFS/CTO can calculate required manufacturing values.
- Pegged supply order structures are created based on the configuration and its associated product structures and routings.
- Netting (i.e. locating unpegged inventory) in the pegged manufacturing structure considers excess quantities as well as “free” inventory with a matching configuration.

PURCHASING

- Configured parts can be purchased using IFS/CTO.
- Configured purchase requisitions can be converted to either a request for quotation (RFQ) or purchase order line. Configuration information can be accessed throughout the purchase order flow.

INVENTORY

- Inventory is stocked on a per-configuration basis using either cost-per-configuration or cost-per-base-part as the transaction valuation.
- All inventory transactions and history records contain information about which configuration was involved in a given transaction.

LEARN MORE

To find out more about how IFS can help your organization maintain its competitive edge, see the IFS Enterprise Asset Management brochure. For general information about IFS Applications™, call (888) 437-4968, or visit www.ifsworld.com.