Frontier Configurator

Software to Streamline Your Business

Friedman Corporation's Frontier ERP Solution is the premier software solution for configuration-based manufacturers. The entire Frontier software suite is designed to support highly configured products with variable dimensions, materials, finishes, colors, features and options. Starting during the Quoting and Estimating process, through Order Entry, the Frontier Product Configurator integrates with the entire ERP application suite supporting Order Promising, Scheduling, Manufacturing, Costing, Purchasing, and Shipping of configured and manufactured to order products.

The integrated design of Frontier's Configurator ensures that all relevant departments and activities are directly considered and updated based on order input of products that are designed/manufactured to order. The objective of this design is to support Customer Focused order management ensuring seamless interaction with the customer from the first discussion of a quote all the way through order shipment and billing.

The Friedman Corporation Product Configurator supports real-time creation of custom routings, bills of material, custom / configured to order Purchase Orders and planned (Master Scheduled) manufacturing Work Orders (Multi-Plant if required). All configuration values are available for sales analysis supporting detailed margin, unit, cost, revenue and profitability reporting by not only standard variables such as product and customer but also detailed drill down and comparison by features, options and attributes of the products sold.

Some of the key features of the Frontier Product Configurator supported by this high level of integration are:

- Real-time, on-line order promising
  - Considering Capacity (Based on configuration selected)
  - Considering Shipping Schedules and Standard Routes (Based on Customer)
  - Considering Component Availability (Based on configuration selected)
- Real-time, on-line product costing and margin analysis all the way down to the line item of the order.
- Real-time, on-line manufacturing scheduling to support order input.

- Fully integrated operation scheduling optimized to reduce set-up and improve throughput based on attributes, such as color, length, material, or any other option the user cares to define.
- Fully integrated support for Flow or Lean Manufacturing taking advantage of user-defined Cell definitions.
- Real-time availability checking to ensure usage of pre-built, configured product in contrast to producing additional units of finished goods that have already been made but are currently not promised to a specific customer.
- Variable planning and scheduling support for production control
  - Make-to-Stock
  - Make-to-Order
  - Kanban
  - Push/Pull
  - Lean Manufacturing
  - Saiban
  - Flow-Driven Scheduling
  - Forecasted
  - Minimum/Multiple Maximum/Fixed
  - Re-Order Point
  - MRP
  - MPS
  - Distribution Planned (sourced from alternate facility)
- Integrated, multi-level forecasting supporting features and option-level planning bills, supporting configuration-to-order planning.
- Multiple costing options, with costs specifically calculated for the individual configuration/order
  - Standard
  - Average
  - LIFO
  - FIFO
  - Actual
- Business-to-Business, Business-to-Consumer web/online integration without the need to maintain duplicate sets of rules, values, product options, features, prices or models.

The objectives of these and many other features of Frontier are to support reduced lead-time to the consumer, improved profitability, and increased perception by your customer of your quality of service and commitment to customer service.

These objectives are achieved by improved planning, control, scheduling, reporting and analysis of the entire ERP process using Frontier.