



Software Products: **CS-Flow**



READY TO MEET CUSTOMER DEMANDS, DRIVE DOWN SALES AND OPERATING COSTS, COMPRESS YOUR SALES CYCLE AND IMPROVE PROFITS?

WE HAVE THE SOLUTION. ➤

CS-Enterprise: For Complete Product Configuration Management

CS-Enterprise consists of 10 proven interactive software modules that span the complete demand *and* supply chain—from product specification through quoting, pricing, order promising, order management, proposal generation, sourcing, engineering, manufacturing and delivery. The Web-based product configuration software can protect your investment and significantly enhance the value of your legacy enterprise applications such as ERP, PDM, CRM and CAD—and can be quickly and securely integrated with your channel partners to allow end-to-end visibility and collaboration.

The complete solution. ➤

The Challenge:

High-velocity manufacturers must constantly re-analyze and shuffle resources and materials to maximize output and accommodate new orders as quickly as possible. Yet this often leads to prohibitive overhead costs because it necessitates frequent and detailed reporting, analysis and communication. Flexibility and speed are crucial for competitiveness and profitability.

The Solution:

CS-Flow enables MTO/ETO manufacturers to implement flow / lean manufacturing strategies to improve customer satisfaction, business efficiency and profitability. Driven by data generated from other CS-Enterprise modules, CS-Flow reduces manufacturing overhead by 40-70% because it facilitates scheduling, process engineering, material handling and administration automatically.

CS-Flow is the only configurator system specifically designed for lean, demand-driven manufacturing environments. CS-Flow streamlines business processes to respond automatically to customer demand cycles. It provides On-Demand Shop Paper (manufacturing instructions) directly to the plant floor to speed production.

CS-Flow automates lean manufacturing processes to create a significant reduction in overhead and improved profit margins for MTO, ETO as well as standard products. The system automatically constrains configured flow schedules according to daily demand and actual load mix. It generates material/capacity allocation transactions and inventory backflush transactions without the need for shop orders. CS-Flow creates cell production schedules and events sequencing, then broadcasts this information directly to the shop floor electronically or in hard copy format.

CS-Flow Eliminates Process Redundancy:

- Instantly deploys rules-based engineering changes system-wide, automating sequenced events through manufacturing cells
- Eliminates detailed labor reporting and traditional material and production planning activities
- Manages disaggregation and reaggregation of configured components and/or subassemblies into configured final assemblies
- Generates CTP/ATP (Capable/Available to Promise) Dates and MTO component/subcomponent schedules using finite material and/or capacity availability

CS-Flow is Readily Integrated:

- Readily integrated to existing ERP systems
- Fully integrated to CS-Execute
- Supports traditional, Advanced Planning (ATP), and Flow Manufacturing (CTP) strategies simultaneously

