

CIMPLICITY® OpenProcess™

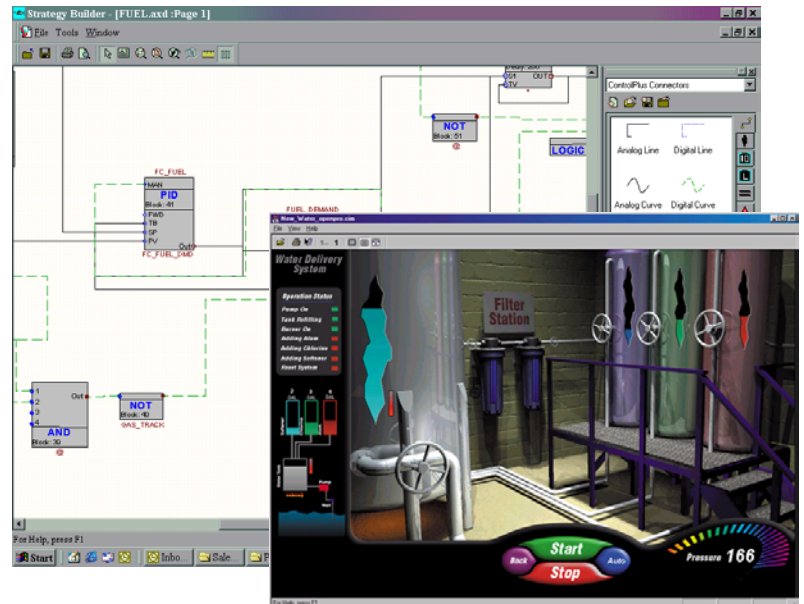
“Features/Benefits Datasheet”



GE Fanuc Automation

The Power of OpenProcess

Combining the most advanced software and hardware features, CIMPLICITY OpenProcess provides you with the tools you need to design, implement, document, and maintain a process control system using advanced control strategies and utilities typically associated with distributed control systems.



OpenProcess Product Features:

- Full DCS functionality
- Complete, proven library of function blocks
- Live data viewed on any drawing
- Function block connections maintained as function blocks are moved
- Function blocks are divided into functional catalogs for ease-of-use in finding and implementing
- On-line programming and troubleshooting
- Integrated database for control and operator interface
- Automatic PID faceplate with SmartObject™ technology
- Built-in simulator for control program testing
- Demo mode permits programming and testing using the simulator
- OpenProcess application is self documenting
- Complete feature set of advanced HMI functions
- Open architecture enables OpenProcess to seamlessly mesh with other systems
- Automatic pan and zooming
- Pre-compilation of drawings performed as function blocks are added, deleted, or edited.
- Support for template drawings makes re-using existing work a snap.
- Standard and custom report generation
- Robust error checking
- On-line help with examples
- Server redundancy and controller hot back-up
- Internet/Intranet connectivity with WebView
- Remote mobile application interface with Windows® CE-based PocketView
- Proven, reliable line of hardware with the Series 90™-30, Series 90-70, VersaMax®, Genius®, and Field Control™

OpenProcess **Application Benefits**

- Open architecture enables OpenProcess to seamlessly mesh with other systems
- Connectivity to legacy DCS and PLC systems within the same database
- Unified development environment – Process control programming is compiled and automatically generates a common point database
- Online programming and troubleshooting
- Proven hardware platforms using Series 90-30 or 90-70
- Leveraging the OpenProcess control system with advanced HMI features leads to:
 - ✓ Process Improvements
 - ✓ Capacity Increases
 - ✓ Reliability Increases
 - ✓ Energy Optimization
 - ✓ Improved Asset Utilization
 - ✓ Cost Reduction
 - ✓ Quality Improvement

OpenProcess **Improved Performance for Process Applications**

- Specialty Chemicals
- Pharmaceuticals
- Biotechnology
- Consumer Goods
- Food and Beverage
- Petrochemicals
- Pulp and Paper
- Metals and Mining
- Water and Wastewater
- Power and Energy
- Cement



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OpenProcess **Success Story**

Recycled Paper Plant Outfits New Machine with CIMPLICITY OpenProcess to Boost Productivity and Diminish Downtime

When the Encore Paper Company of South Glens Falls, NY decided to replace an outdated paper-processing machine with a new Italian-made Over Meccanica machine to boost tissue paper production, productivity got a two-ply punch with an enhancement that cut engineering and installation time and provided a valuable training tool for plant operators. By equipping the new machine with GE Fanuc's CIMPLICITY OpenProcess, Encore now enjoys the powerful combination of GE Fanuc's PLC, I/O, and HMI technology that has helped the Over Meccanica machine achieve maximum efficiency and increase overall plant production of recycled paper towels, napkins, and tissue products by 25 percent. Together, the new machine and automation solution form the cornerstone of Encore's operation.



“With OpenProcess, we not only got a system that was simple for personnel to learn and operate, we also got a solution that cut our engineering and installation time, simplified troubleshooting, and, in the near future with further recipe development, will make setup for different grades a snap.”

Terry Miller
Manufacturing Superintendent
Encore Paper Company

- 25% increase in plant production
- 40% decrease in engineering time
- Less maintenance and troubleshooting
- Fast system startup
- Operator friendly and easy to use

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