Proficy Batch Execution

Driving your business forward with a proven, scalable and flexible solution

Benefits:

- Fast deployment with lower total cost of ownership
- Quicker time to market with enhanced information management capabilities
- Increased efficiency
- Reduced waste and increased product quality

Features:

- ISA S88.01 Compliant System provides a standard structure for your plant floor, simplifying the development of batch systems.
- IEC 61131-3 Sequential Function Chart programming language provides a simple graphical language for developing procedure flow in recipes.
- Formulation Management allows engineers to reuse validated recipe procedures with predefined parameter sets.
- **NEW for Batch 5.5** - Campaign Management simplifies the operator experience of fulfilling large process orders by accepting a process order and scheduling a list of batches.
- **NEW for Batch 5.5** - Transition Breakpoints allow engineers to define temporary pause points in executing batches.

Proficy* Batch Execution from GE Intelligent Platforms is one of the most powerful and feature-rich batch automation solutions on the market today. Its long history of reliability and scalability has increased product quality, consistency and efficiencies across many market segments.

Batch Execution software features a fully graphical and straightforward application development environment, empowering engineers to quickly and efficiently deploy batch automation, regardless of the underlying equipment.

The solution also includes data collection, robust batch management, clear process visualization, and powerful supervisory control capabilities - enabling a complete batch solution for small, medium, large or multi-site applications.

Powerful and easy real-time control

Batch Execution helps you efficiently control batches and monitor the execution performance of batches in real time. Using the Batch Client applications, operators can take control of complex processes with ease.

Additionally, Batch Execution provides integrated client control, allowing HMI/SCADA

applications such as Proficy HMI/SCADA - iFIX* and CIMPLICITY* to include batch management within the application. Thus, operators can monitor the progress of a batch and control the execution of a recipe, as well as the status of the process from the same supervisory and control environment.

Smarter and faster development

The software solution delivers a fast, simple and effective batch development platform, which allows you to model your plant floor equipment, add equipment paths, equipment priority and status, and create and manage reusable recipe components, all using the S88.01 models. The workspace enables you to easily edit equipment and recipes, develop pictures, and even configure security and alarms.

Improved security and compliance

Batch Execution delivers point of entry verification through Electronic Signatures in the active controls and Recipe/Equipment editors - supporting 21 CFR Part 11 compliance by enabling equipment and recipe auditing and version control. In addition, Batch Execution centralizes the storage location for e-records with encrypted store-and-forward technology that automatically provides a runtime and configuration audit trail.

Proficy Batch Execution

Open and layered solution

Batch Execution seamlessly integrates with any OPC-compliant HMI/SCADA, PLC-based or DCS system, allowing OPC browsing to establish connection and automatic creation of tags.

You can also customize your Batch Execution-based solutions using our Batch Integration Services (BIS) - a Microsoft® DNA model that enables you to integrate with a diverse array of third-party MES and ERP applications. With BIS, you can extend your Batch system by creating custom applications using Visual Basic or C++.

Through a robust set of tools, open architecture, and an easy-to-use graphical interface, Proficy Batch Execution can help you create a more efficient and consistent production environment.

Helping you find the golden batch

You can extend the power of Batch Execution using Proficy Plant Applications' Batch Analysis tool. This optional capability provides manufacturers with the ability to optimize batch production, utilizing time series and historical analysis tools. The results used in conjunction with Formulation Management enable consistent reproduction of the Golden Batch.

Enabling success today and tomorrow

Offering tight integration with our Proficy software suite for a complete solution, Batch Execution leverages an open system design to protect your current and future investments. It's a powerful and scalable solution that delivers unprecedented insight into your operations - enabling increased productivity and a lower total cost of ownership for a sustainable advantage.

Requirements

Operating System
- Windows® XP SP1 or higher
- Windows 2003 or 2008 Server
- Windows Vista Professional

For more information visit www.ge-ip.com/batch

About GE Intelligent Platforms

GE Intelligent Platforms, a General Electric Company (NYSE: GE), is an experienced high-performance technology company and a global provider of hardware, software, services, and expertise in automation and embedded computing. We offer a unique foundation of agile, advanced and ultra-reliable technology that provides customers a sustainable advantage in the industries they serve, including energy, water, consumer packaged goods, government and defense, and telecommunications. GE Intelligent Platforms is a worldwide company headquartered in Charlottesville, VA and is part of GE Home and Business Solutions. For more information, visit www.ge-ip.com.

GE Intelligent Platforms Contact Information

Americas: **1 800 433 2682** or **1 434 978 5100**
Global regional phone numbers are listed by location on our web site at **www.ge-ip.com/contact**

www.ge-ip.com

01.10 GFA-566F