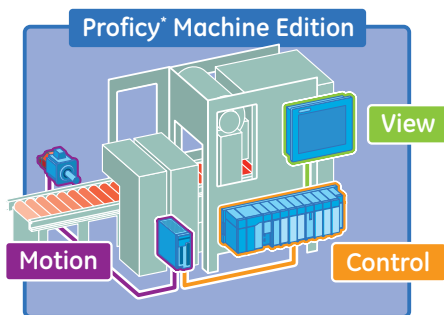




Proficy* Machine Edition

GE Intelligent Platforms' Proficy Machine Edition enables users to connect and collaborate. This automation software deploys HMI, motion, and multi-target control and provides a common user interface, drag-and-drop editing, and a rich set of development tools. Proficy Machine Edition increases productivity and performance, and reduces programming, configuration, commissioning, monitoring, and maintenance costs.

Proficy Machine Edition supports Ethernet connectivity to assets globally. The user can view, troubleshoot, modify and validate applications regardless of location.



PRODUCT FEATURES

Boost Performance Quickly and Easily.

Combining the best of traditional programming and graphics applications with such powerful open industry-standard technologies as COM/DCOM, ActiveX, OPC, and XML, Proficy Machine Edition provides a smooth migration to the latest development tools.

Improve Efficiency through Tight Integration.

In addition to sharing common development tools, all Proficy Machine Edition components — View, Logic Developer, and Motion Developer — share a common database and common objects across applications, including logic, scripts, and animation. Once a variable is created, it can easily be used in all other components of the project.

Proficy Machine Edition allows the user to open multiple Proficy Machine Edition sessions on one PC and then connect each session to a controller simultaneously. This allows the user to view multiple, operating application programs at the same time, from a single PC.

Connect and Control with Machine-Level Graphics.

Proficy Machine Edition includes an intuitive, machine-level HMI for shop-floor devices, including PLCs, CNCs, motion controllers, and other machine-level components. An all-inclusive graphics tool allows you to place objects within the common object repository, or "Toolchest." Applications can be developed for QuickPanel*, and QuickPanel View. View supports communication protocols for all major PLCs and includes OPC client and server drivers and lets you publish your data and graphical panels over the Web to a standard web browser.

Add Flexibility and Scalability in PLC and PC Control Environments.

Whether you work in a PLC or PC-based control environment, or both, Logic Developer provides all the tools you need to develop, monitor, and troubleshoot your applications. In addition, Logic Developer provides full scalability from Quick Panel Control units to embedded controls as well as across the full spectrum of GE PLC and PACSystems* controllers.

FEATURE	BENEFIT
Common Data Base	Improved productivity with share tags across multiple targets
Common Tool for Control and Visualization	Simple integration for asset management
Multiple Sessions	Increased system uptime by reducing commissioning time and debugging
PROFINET Integration Tools	Fast & simple configuration and diagnostic of distributed I/O networks

Proficy* Machine Edition

Proficy Machine Edition Components:

- **HMI/Operator Interface – Proficy View**
An HMI specifically designed to address the needs of machine-level operator interface and HMI requirements. Includes a wide range of PLC/device drivers and OPC client/server support and provides remote connectivity and thin client support for diagnostic and data monitoring. Includes support for QuickPanel, QuickPanel View (Windows CE-based) and Windows NT/2000/XP/7.
- **PC-Control – Proficy Logic Developer-PC**
A proven PC-based development and runtime system providing all five IEC 1131 languages (Ladder Diagram, Structured Text, Instruction List, Function Block Diagram and Sequential Function Charts), web publishing of logic, and connectivity to a wide choice of PLC and open I/O devices. Includes support for QuickPanel Control (Windows CE-based), Windows NT/2000/XP/7, and Embedded NT/XP.
- **PLC Programming – Proficy Logic Developer-PLC**
Programs and configures all GE PLCs and programmable automation controllers (PACs), including VersaMax* Professional, Standard, and Nano/Micro versions, Series 90*-30, Series 90-70 and PACSystems RXi, RX7i and RX3i.
- **Motion Programming – Proficy Motion Developer**
Programs and configures GE S2K motion controllers.

GE Connectivity Options

