

# OEM Solutions



GE Fanuc  
Intelligent Platforms

# Building a competitive edge for success

Increasing machine efficiency and driving productivity to address your customer needs, our comprehensive suite of integrated OEM hardware and software solutions and tools is designed to deliver real results for a sustainable advantage.

The explosion of new products, rising customer expectations and increasing regulatory standards require you to adapt quickly and provide better flexibility, openness, and performance for your manufacturing and production customers.

You need a partner that can help you leverage the highest degree of innovation and the latest technologies to grow your machine sales, open new revenue streams and expand your overall business for a competitive advantage.

At GE Fanuc Intelligent Platforms, we understand the complexities you face, and we're committed to helping you address them. We offer a wide range of industry-leading software and hardware solutions, value-added resources designed specifically for OEMs and continuous investments in innovative, new products to address your control technology needs into the future. Our solutions

deliver in the areas that matter most to you and your customers:

- **Cost efficiency** – improved asset utilization and the ability to run more products on the same line and at increasing production speeds
- **High quality** – improved accuracy and precision, and minimized waste
- **Increased performance** – reduced part cycle times, minimized tool stoppages and advanced functionality
- **High availability** – increased reliability, ease of programming and operation, and improved maintenance tools
- **Flexibility** – enhanced responsiveness with a virtually seamless transition from standard products to specific modifications and fully customized machines



## A PROVEN TRACK RECORD OF SOLID RESULTS

GE Fanuc Intelligent Platforms combines decades of technology expertise and industry experience to help you meet and exceed your customers' expectations and maximize your productivity and profitability—extending your competitive reach.

We're helping OEMs around the world deliver measurable results such as:

- \$58.5 million in reduced implementation costs
- 30% decrease in operation management costs
- 10% decrease in chemicals and power consumption
- 75% faster changeover time
- 167% increase in productivity

# OEM Edge Program: Helping you stay ahead

As a member of OEM Edge, you can take advantage of unique solutions that help differentiate your products, fuel machine growth and maximize profits.

## Lean OEM Workout

We can help you identify key business issues and opportunities for improvement by strategically analyzing your business processes. Leveraging our proven Six Sigma methodology and in-depth experience, we can help you reduce waste and risk and ultimately drive improvements for measurable results.

**“GE Fanuc’s OEM rebranding capabilities help us build brand awareness of our own products for a competitive advantage. It’s powerful for our customers to only see the ‘K-Water’ application name to reinforce the value of our solution.”**

**Jisoo Park, Team Manager**  
K-Water Water Supply Information Technical Team

OEM Edge is an innovative program designed to help you attract new customers and expand your existing base to grow your business. As an OEM Edge member, you have exclusive access to a wealth of solutions and custom tools<sup>†</sup>:

- Development Software Kits
- Proof of Concept Hardware
- Conversion Services
- Consulting
- Training
- Product Support
- Do-It-Yourself Marketing Tools
- Application Library
- Product Migration Tools
- Third Party Device Integration
- Product Rebranding Capabilities
- Application Support

## Product rebranding capabilities

Recognizing the value of strong brands in the automation world, our unique rebranding capabilities enable you to brand our offerings, including iFIX<sup>®</sup>, QuickPanel<sup>®</sup> and MOST, as your own. Features such as the ability to create a customized splash screen or to include your logo on our hardware can help you increase your product recognition and customer loyalty.



## Application Library

As speed to market and new designs are critical, our Application Library is a valuable resource to help you develop our applications more quickly and efficiently. Similar to a “shareware” library, you can preview application demos to learn about specific features and download solutions for our hardware and software products.

## Conversion services

To help you easily shift your controls and software architecture to GE Fanuc, we provide various levels of support, including consulting and reprogramming as well as partnering with third-party system integrators—facilitating your conversion process across technologies and products with minimized risk and maximized efficiency.

<sup>†</sup> Certain tools are subject to qualification.

# Strategic areas of expertise and in-depth experience

You can leverage our technical acumen and industry know-how to make your offerings stronger and more powerful—addressing your customers' needs.

## A sampling of our applications and industries we serve:

Agriculture Machines  
Assembly Machines  
Automotive  
Boiler Control  
Car Wash  
Cement & Glass  
Chemical Processing  
Chillers & Cooling Towers  
Commercial Laundry  
Consumer Packaged Goods  
Earth Moving & Mining Equipment  
Elevators  
Environmental Machines  
Food & Beverage  
Gas Detection  
HVAC Systems  
Industrial Furnaces and Ovens  
Life Sciences  
Marine Control  
Material Handling  
Metal Forming & Cutting  
Oil & Gas  
Packaging  
Plastics  
Power & Energy  
Printing  
Pulp & Paper  
Refrigeration Systems  
Renewable Energy  
Semiconductor  
Textiles  
Transportation  
Turbine Control  
Vending Machines  
Water  
Woodworking

Whether for process, discrete or hybrid applications, we offer industry-leading solutions across various industries, including:

### Water

Our market-leading visualization software, combined with robust historian capabilities, analytics, and wireless solutions, can help your customers seamlessly integrate their critical water data and comply with NERC requirements. We offer targeted solutions for information management, treatment, conveyance and specialized water processing that enable enhanced production performance.



Solutions such as our QuickPanel operator interface, which provides an integrated system without rotating media, and our water productivity packs, are designed to help you reduce costs, improve quality and secure your systems.

### Food & Beverage

Our batch and process control solutions are state-of-the-art, fully engineered systems for process automation and control that leverage the latest technologies—closing the loop between automation and information. Our contemporary



hardware and software infrastructure enable you to leverage the functionality and performance of traditional DCS and PLC/HMI systems at reduced cost and with faster time to market.

The result: quick product changeover, and improved quality, visibility and reliability for your customers.

### Packaging

To meet various application needs, we offer a wide range of operator interfaces and controllers that deliver superior reliability, productivity, flexibility and accuracy. Our scalable operator interface solution comes standard with multiple connectivity options for maximum flexibility. For high-speed applications, our PACMotion\* solution delivers synchronized, multi-axis motion control and allows quick changeover of software programs, machine parameters, speeds and other elements to meet your customers' needs.



### Consumer Packaged Goods

Keeping up with formula and packaging changes, driven by consumer tastes, demands flexible machine and process control solutions. You can rely on our portfolio to deliver the speed, scalability and flexibility needed to help your customers succeed.





Solutions such as our PACMotion help you minimize the impact of packaging variations on machine performance, and our Proficy Process Systems provides straightforward batch and continuous process management solutions—combining control with powerful visualization and reporting.

### Oil & Gas

From a small metering system to highly complex embedded computer systems for seismic exploration research, GE Fanuc is your technology partner. For more than 20 years, we have delivered equipment for the harshest environments in Oil and Gas with SIL-2/3 TUV-certified systems for Blowout Prevention, ESD and Fire and Gas.



You can rely on us to help you solve the most demanding computation tasks with our high-performance PACSystems\* controllers for compressor and turbine control and embedded computers.

### Power & Energy

Much of the world's energy-generating capacity is based on GE Fanuc's automation hardware and software solutions. Major energy OEMs (fossil and renewables), including GE, rely on GE Fanuc's technology to build up their control systems for turbine control and Balance of Plant.



Renewable energy OEMs partner with us for our wide product range, highly flexible products and reliability.

Our advanced operator control software combined with high-performance process historians and web-based management portals allow your customers to visualize, operate and optimize their renewable energy assets—while addressing standards for regulatory security compliance.

### Life Sciences

An industry pioneer with our "Designed for 21 CFR Part 11" campaign, we continue to drive innovative solutions that help reduce operator errors and lost batches, perform online quality analysis, drive greater packaging efficiency, enable EBR generation and enhance production and KPI reporting.



**As a member of OMAC, we have implemented OMAC's packaging standards into our automation products to help you achieve standards compatibility and improve machine flexibility, capability and marketability to your customers.**

Offering capabilities focused around key business priorities such as:

#### High Availability

As organizations such as those in power and energy increasingly face the criticality of uptime, our redundant control systems leverage the latest technologies to seamlessly provide continuous control of applications and processes—offering a high degree of availability and reliability without compromising performance and flexibility.

#### Remote Monitoring, Diagnostics and Maintenance

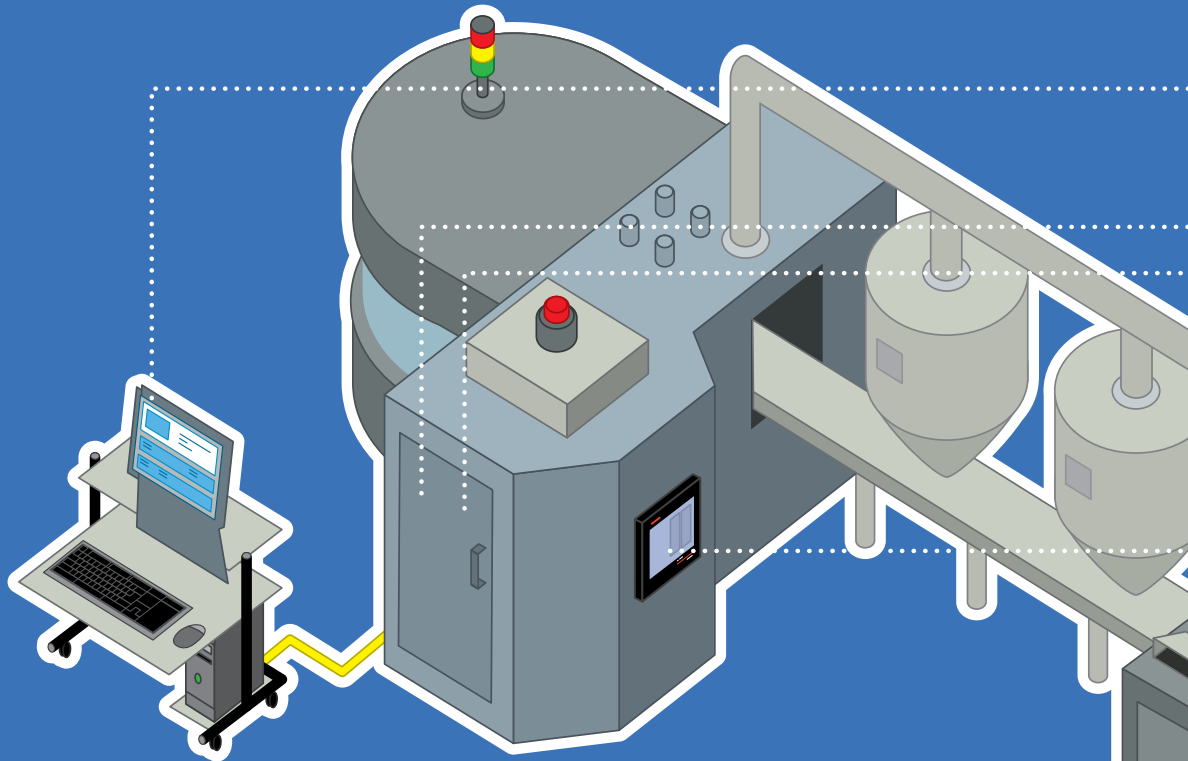
Leveraging technologies across GE, our remote monitoring solutions include the latest connectivity devices and automation hardware to help you communicate with your machines remotely. For example, you can retrieve critical data such as chemicals usage from your customer sites and then deliver the needed consumable materials—adding value for your customers while opening new revenue streams to grow your business.

#### Overall Equipment Effectiveness (OEE)

Our software solutions enable a comprehensive look at OEE drivers such as equipment downtime and waste, as well as production quantity and event sequences. You can also associate each downtime event with a specific cause in real-time, calculate important KPIs and create ad-hoc performance reports—meeting your customers' expectations for maximized production capacity.

# Best-in-class solution offerings

We offer both hardware and software solutions to help you achieve maximized machine performance and position your business for future growth.

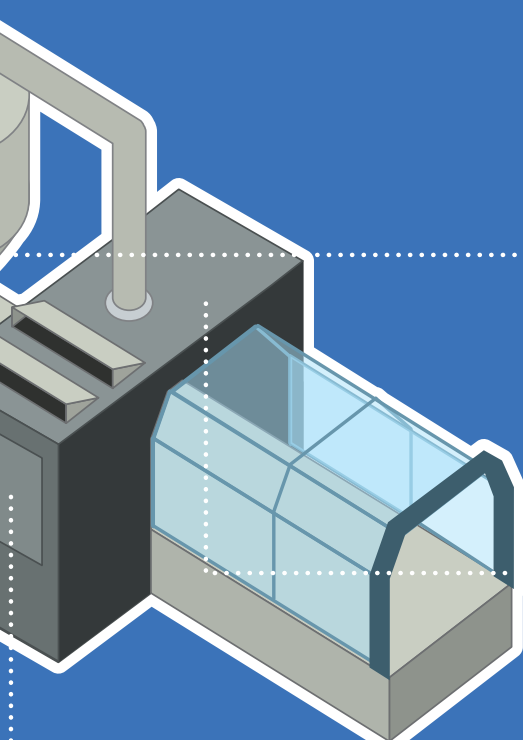


**Process and Safety**  
Proficy Process Systems  
Proficy Batch  
PAC8000 SafetyNet  
8000 Process I/O



**Distributed Machine I/O**  
VersaMax I/O  
VersaPoint I/O  
VersaMax<sup>®</sup> IP  
TranSphere<sup>®</sup> Wireless

To learn more about how our OEM Solutions can help you drive business performance, visit [www.gefanuc.com/oem](http://www.gefanuc.com/oem)



**HMI/SCADA**  
iFIX  
CIMPPLICITY



**Machine Analytics**  
Proficy Efficiency (OEE)  
Proficy Quality



**Programming Environment**  
Proficy Machine Edition Software



**Machine Data Collection and Management**  
Proficy Historian  
Proficy Real-Time Information Portal



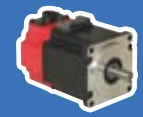
**Operator Interface**  
QuickPanel Control & View  
Intelligence Industrial Computers



**Machine Control**  
PACSystems  
PAC8000  
Series 90\*  
VersaMax Modular  
VersaMax Micro & Nano  
Durus



**Motion Control**  
PACMotion  
VersaMotion  
MicroMotion  
FANUC Servos





## Proficy Software Modules

### Plant Performance and Execution

- Proficy Workflow
- Proficy Plant Applications – Efficiency
- Proficy Plant Applications – Production
- Proficy DataMart
- Proficy Tracker
- Proficy Machine Tool Efficiency

### Integrated Quality

- Proficy Plant Applications – Quality
- Proficy Non Conformance Reporting
- Proficy Shop Floor SPC
- Proficy RX™

### Process Solutions

- Proficy Process Systems\*
- Proficy Batch Execution
- Proficy Plant Applications – Batch Analysis
- 8000 Process I/O
- PAC8000 SafetyNet
- PAC8000 Controller

### Real-Time Information Portal

- Proficy Real-Time Information Portal

### Plant Data Repository

- Proficy Historian

### Asset Management

- Proficy Remote Monitoring and Diagnostic
- Proficy Change Management
- Proficy Maintenance Gateway

### HMI / SCADA

- Proficy HMI/SCADA – iFIX\*
- Proficy HMI/SCADA – CIMPLICITY\*
- Proficy View – Machine Edition

### Programming & Control

- Proficy Logic Developer
- Proficy Motion Developer – Machine Edition

## GE Fanuc Support & Services

- GlobalCare® Support
- Professional Services
- Training

## GE Fanuc Intelligent Platforms Information Center

Headquarters:  
1 800 GEFANUC  
1 800 322 3616  
1 434 978 5100

Global Regional phone numbers are available on our web site [www.gefanuc.com](http://www.gefanuc.com)

## Additional Resources

For more information, please visit the GE Fanuc Intelligent Platforms web site at:

[www.gefanuc.com](http://www.gefanuc.com)

