

GE Fanuc
Automation

Introducing Proficy Process Systems.

Companies in hybrid and continuous process industries are facing unprecedented pressures to perform amidst the growing challenges of global competition, aging technologies and increased regulatory pressures.

But hidden within these challenges are opportunities. Opportunities to leverage strategies and technologies that can turn your production operations into a differentiating advantage. Opportunities to achieve previously inconceivable levels of quality, efficiency and productivity. Opportunities to change your perspective on what your business can accomplish.

Your opportunity has arrived. GE Fanuc's revolutionary new process control solution delivers the Results your business demands, the Experience to help overcome your challenges, the Freedom you've been missing and the Contemporary Technology you've been waiting for.

It's time to change what's possible in process.





GE Fanuc process solutions are currently serving each of the world's top 10 pharmaceutical companies



the Results your business demands

Regardless of your industry, your business is based on results. Proficy Process Systems helps you deliver real results across your enterprise.

Optimize your operational performance

Maximizing assets and reducing costs. Getting finished goods out the door more quickly. Finding hidden capacity to increase production. This is what it takes to optimize operational performance, and Proficy Process Systems can help your business get there.

Gain visibility into operations

Maintenance staff can monitor equipment down to the smallest sensor, and managers have access to real-time and historical data. Proficy Process Systems provides the operational transparency needed to make faster, better decisions.

Maximize uptime and productivity

Bottom line results demand maximum uptime. This means building flexibility into your operations, allowing quick responses to changes in customer demands. It means spending less time making the change and more time making the product. With Proficy Process Systems, the total costs of automation go down, because there's only one system to learn and maintain.



GE Fanuc process solutions are controlling water/wastewater treatment in thousands of towns, municipalities, cities... even entire countries

Experience to overcome your challenges

To deliver results, you need an automation partner that knows your industry, your challenges, and what you need to most effectively serve your customers.

Rely on a proven partner...

With decades of experience in automation, GE Fanuc has a proven history of helping some of today's most successful organizations to meet and exceed their goals.

...with proven technologies...

GE Fanuc has provided solutions for thousands of process customers around the globe. We continue to set the industry standard for innovation, with technologies including HMI/SCADA, Batch, Production Management, and PACSystems controllers. GE Fanuc is currently a leading solution provider for industries such as water / wastewater, oil and gas, bio fuels, power and energy, food and beverage, consumer packaged goods, milled products, and life sciences. With an unparalleled combination of technologies, domain expertise and global support, we help our customers improve their quality, throughput, and regulatory compliance while helping them decrease their operating costs, risks, and investments needed to achieve their goals.

...and a proven network of service and support

We supplement our considerable in-house domain expertise with hundreds of highly qualified system engineers around the world to offer a complete solution of installation, training and support where and when you need it most.





GE Fanuc is providing process solutions for everything from power generation to control

Freedom from traditional constraints

In the past, control systems required you to model your strategy according to the technology. With Proficy Process Systems, you are in control of how you design, implement and maintain your system.

Take control

By combining the capabilities of DCS control with the open and flexible configuration of a PLC-based model, Proficy Process Systems gives you the advantages of a proven solution without the limitations of traditional approaches.

Design your strategy on your terms

Proficy Process Systems gives you the freedom to develop your control strategies as you see fit. Pull from our robust library of function blocks, or create your own to leverage your in-house innovations. Leverage our Open Fieldbus approach and comprehensive I/O portfolio. And utilize our leading HMI visualization technologies to create whatever screens and displays you need.

Proficy Process Systems is completely modular. Automate one area or your entire facility. Add additional consoles, workstations or controllers. Add logic or extra data processing power – it's all scalable to meet your needs.





GE Fanuc is improving flexibility, speed to market and quality for all types of food & beverage manufacturers



Contemporary Technology to move you forward

Today's challenges demand a new, yet proven approach to process control. With our latest applications, open instrument and I/O connectivity and open Fieldbus standards, Proficy Process Systems finally closes the gap between your automation and information assets.

Build with the best

Based on proven technologies that have been built as a fully integrated system, Proficy Process Systems adds up to even more than the sum of its award-winning parts.

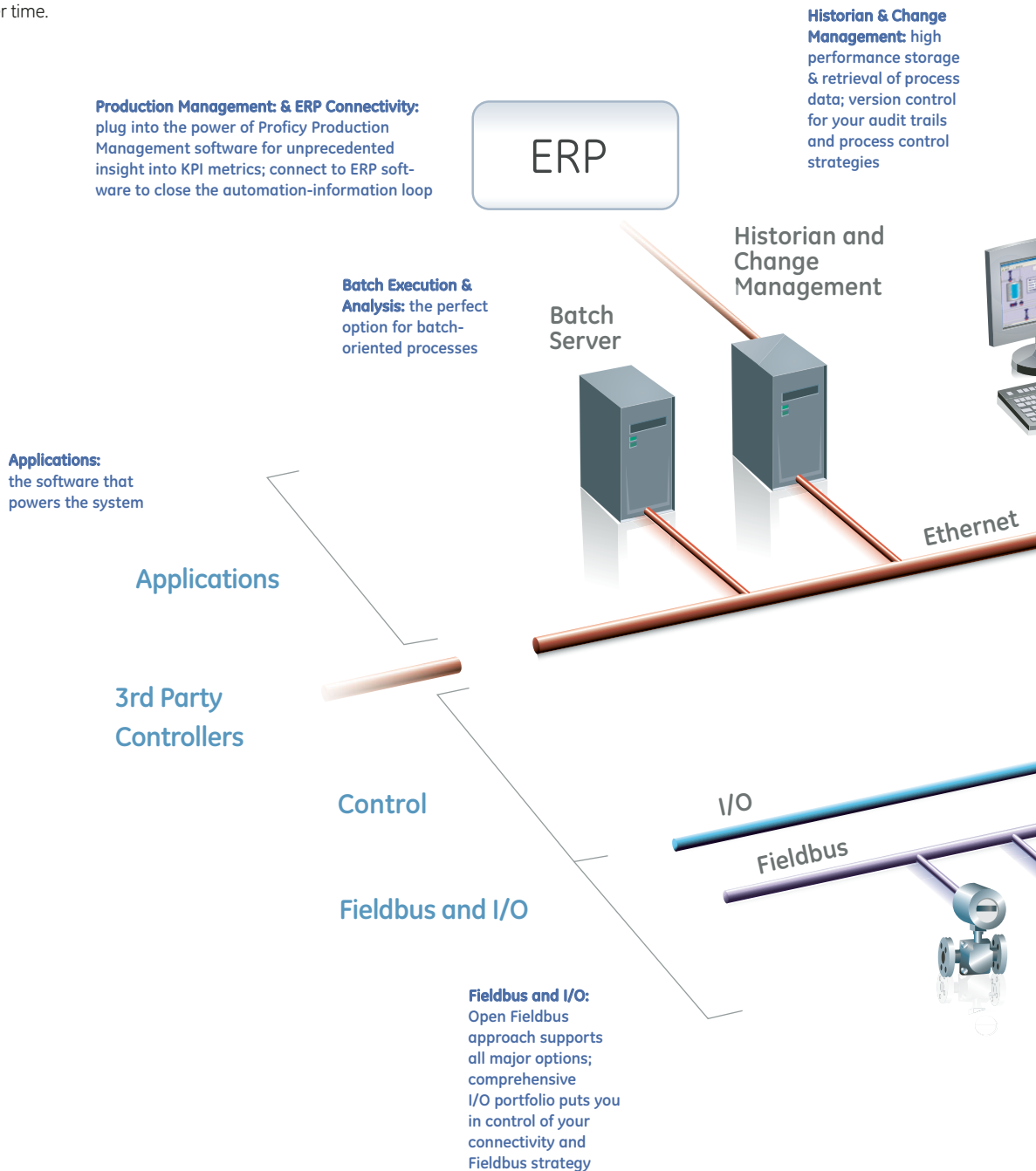
At the heart of the system is our multi-disciplined PACSystems controllers – groundbreaking technology that allows you to jump seamlessly between process, discrete and motion control for unprecedented design flexibility.

Our powerful Proficy software provides another important differentiator. Choose from either of our leading HMI/SCADA applications, iFIX or CIMPLICITY, for unmatched visualization and control. Our Historian solution with Change Management lets you archive, access and back up system data with incredible speed and accuracy. And with inherent connectivity to our Production Management suite, you'll have unprecedented analysis into macro level production, business and ERP-driven metrics.

Now, let's take a look at the architecture that makes this contemporary solution so unique...

Architecture that combines the best of DCS and PLC control

Proficy Process Systems is designed to provide the power of DCS control with the scalability and price point of a PLC-based system. From a small, one-machine architecture to a large, multi-machine infrastructure, this unique approach means you can start small and expand your system over time.

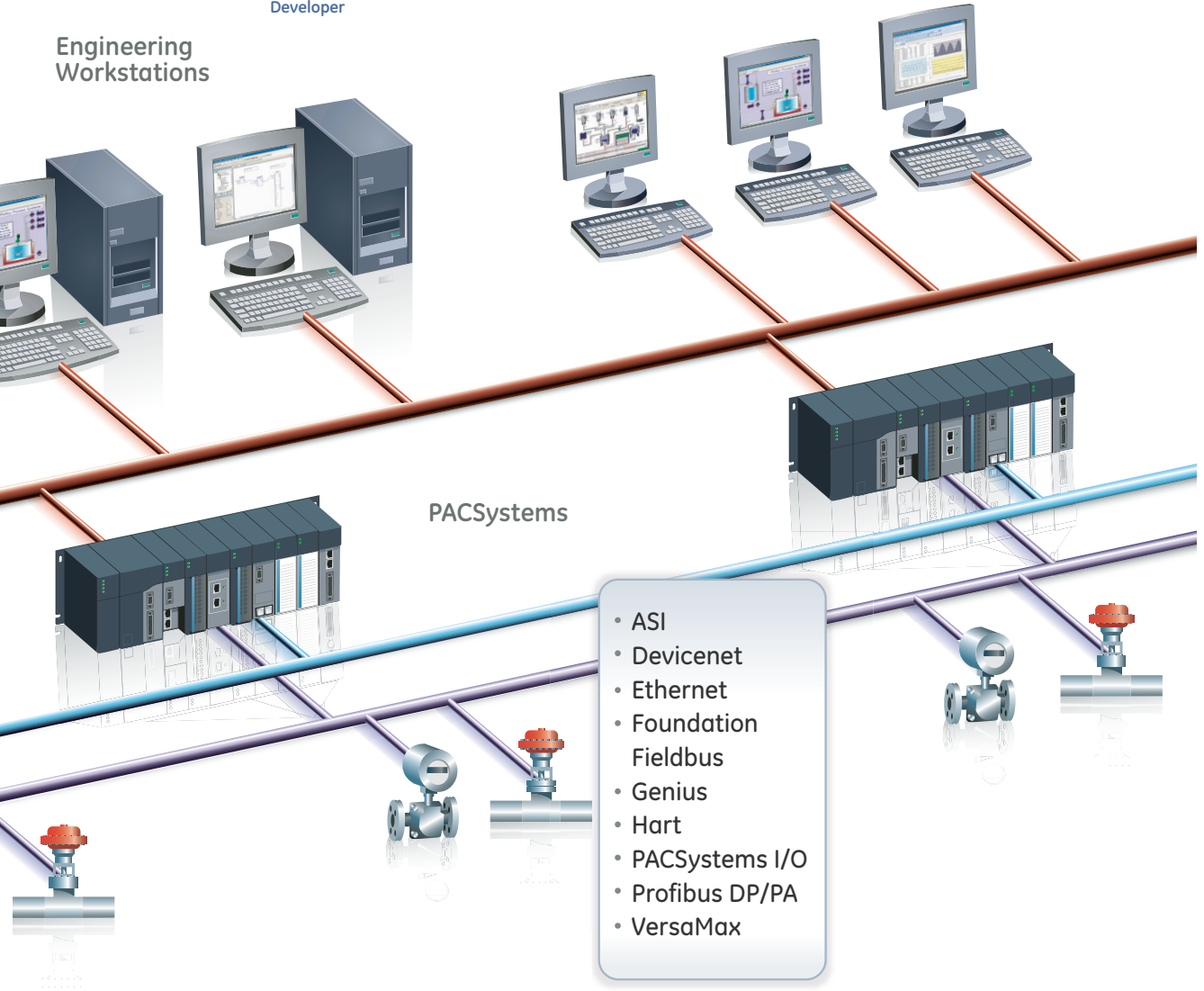


Engineering Workstation: design, configure and maintain your system; build robust function blocks, ladder logic or structured text in an advanced Logic Developer

Operator Consoles: monitor and control your operations with either of our two leading HMI/SCADA technologies (iFIX or CIMPLICITY); Global Namespace enables console to controller communication

Engineering Workstations

Operator Consoles



PACSystems Controllers: RX3i and RX7i enable unequalled flexibility and speed, with a single engine to create and move programs between controllers; Control Memory Exchange drives high speed data exchange for distributed control and reflective memory

Change your expectations

Proficiency Process Systems Delivers...

Results

- Better performance and efficiency
- Closed loop control from sensors to business systems
- Lower Total Cost of Ownership

Experience

- Expertise serving your industry
- High quality, local support
- Proven, award-winning process control technologies

Freedom

- Based on open standards
- Scalable to meet your specific requirements
- Enables flexible control strategy development

Contemporary Technology

- Combines the best of DCS and PLC control
- Based on our latest hardware and software
- Inherent Proficiency Production Management software

... To Your Enterprise and Your Business

Go to www.gefanuc.com/process for more information and to order our brand new multimedia tool. It's packed with over 40 minutes of detailed interactive content designed to help you learn more about what's possible.

GE Fanuc
Automation

Process Solutions

- Results
- Experience



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