



Migration Solutions

Next Step Program: Series Six™ PLC to PACSystems™ RX7i Upgrade

Increase your profitability, maximize your previous investments and minimize your risk by upgrading your Series Six™ PLC with GE Fanuc's Next Step Program migration solutions.

Keep up with the demands of today's fast paced markets by upgrading the performance and increasing the productivity of your control system. Build-in openness for additional functionality and

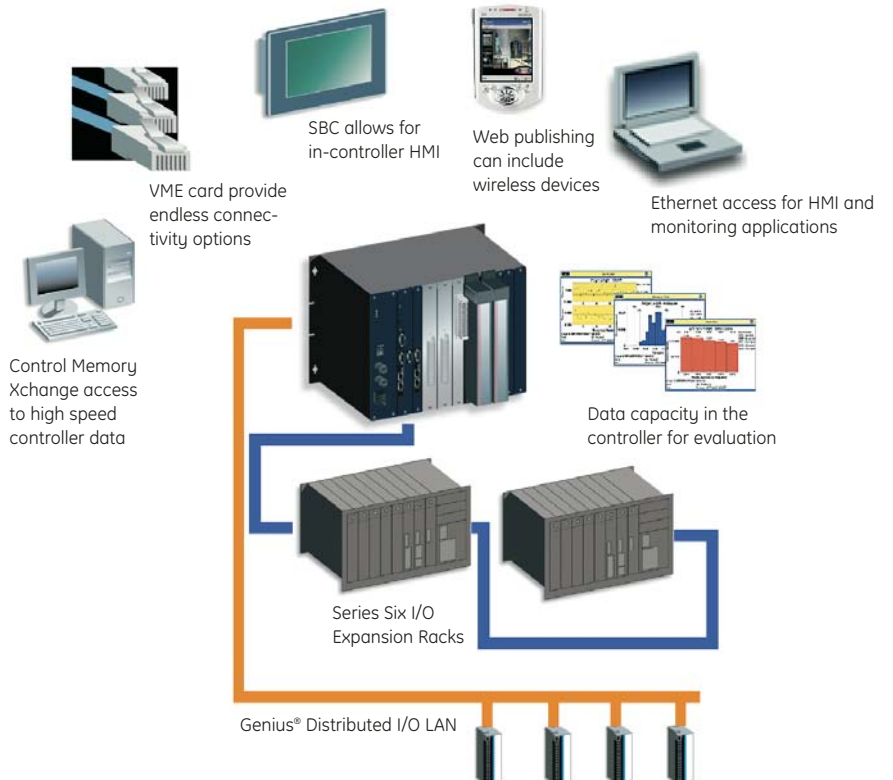
migrate with maximum protection of investment through managed transition. Most of all manage your risk of product spare parts obsolescence.

Through the Next Step Program, you will receive market leading performance and compatibility at substantial savings. This will seamlessly migrate you from your legacy Series Six equipment to the newest generation of controllers, the PACSystems™ RX7i.

GE Fanuc's Series Six PLC has realized over 100,000 successful applications over the past 20+ years. Due to technological advancements since the inception of the Series Six in 1982, component availability has become limited. Through the Next Step Program, you can avoid the risk of obsolescence while upgrading your control systems performance, increasing its productivity, opening up its capacity, managing risk of downtime by migrating to the PACSystems RX7i.

Dramatic application up-side with PACSystems-based solutions . . .

1. Increased PLC memory space and capacity can be used for data buffering and process efficiency
2. Ethernet capability for non-invasive data collection from system and for remote programming support
3. Web publishing capability of fault tables and other diagnostics data
4. VME backplane ensuring system growth and maximum openness
5. Open VME backplane for direct connect to control LAN's or complementary systems such as motion and vision
6. State-of-the-art high speed data collection and communications via Control Memory Xchange



Migrated applications have realized the following benefits:

- Efficiencies and high speed process control eliminated excess scrap
- Reduced hardware and support costs by running complex process-tuning algorithm inside the controller
- Enabled access to previously unavailable production data through plant-wide information network
- Consolidating two distinct and separate data collection and control networks into one, making troubleshooting, programming and monitoring available from one location
- Production data collected 100 times faster which provides the ability to make quicker and more well informed quality and product output decisions
- Cost effective data accessibility for remote locations via wireless and the Internet allowing decision makers Globally to access pertinent information
- Networking capability allowed consolidation from five control rooms to one – reducing dispatch time and increasing up time

The Next Step Program focuses on...

Performance Through Advanced Technologies

- Faster process execution without reprogramming effort
- Increased program capability without loss in application speed
- Improved application diagnostics through In-PLC data buffering/retention
 - Simpler architectures through consolidation of programs and processors
- Reduced hardware costs through elimination of separate communication/Ethernet module
- Faster maintenance response through In-PLC storage of documentation

Openness of Market Technology

- Simplified architectures through Ethernet
 - Direct-connect to eliminate gateways or aggregation points
 - Faster more maintainable access from external HMI or business systems
- Non-invasive system monitoring for crisis evaluation or regular system maintenance
- Increased process or production coordination through plug & play connectivity
- Reduced overall costs in terms of operation and maintenance with access to widely-available service pool

Productivity Through Proficy Machine Edition™

- Reduced Engineering Time utilizing language best matched with sub-tasks
- Reduced implementation time through on-line audit and debugging
- Continuous application improvement through Quick data watch and integrated trend charts
- Increased work-force capability and acceptance through modern, intuitive look and feel
- Increased production uptime through faster troubleshooting tools

Migration From Current Controller Applications

- Simple hardware installation with minimum cabinet rework and rewiring
- Minimized re-training of maintenance and support personnel
- Unprecedented improvement while retaining application integrity
- Global Support provides single touch point for all aspects of transition and remaining installations
- Minimal down-time with GE Fanuc Professional Services hands-on assistance

Manage your risk

- Increased maintainability with spare parts from off-the-shelf technology
- Protection against crisis-related downtime due to system failure
- Lower maintenance costs associated with modern software and capabilities
- Managed investment with reduced capital outlay based on phased transition
- Increased profitability through application capability upgrade
 - Rapid return on upgrade investment through extended capabilities

GE Fanuc Automation Information Centers

USA and the Americas:
1- 800-GE FANUC
or (434) 978-5100

Europe, Middle East and Africa:
(352) 727979-1

Asia Pacific:
86-21-3222-4555

Additional Resources

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

www.gefanuc.com

