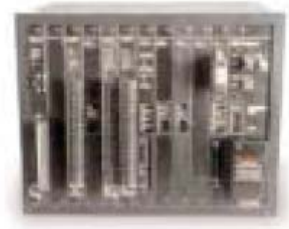


Migrate Your Series Six PLC System To The New GE Fanuc Pac Systems RX7i



You can now convert your GE Fanuc Series Six system to the latest Programmable Automation Controller from GE Fanuc - the PAC 70/RX7i.

Introduced in July of 2003, the RX7i provides capabilities never seen in an automation controller:

- CPU built around Pentium-based hardware
- VME form factor supports off-the-shelf cards for specific applications
- Ethernet control built in to controller
- Multiple Ethernet connections in parallel for programming and data collection
- Ethernet communications fully supported
- Web server integrated to RX7i CPU
- Connectivity to globally accepted communications
- Variable declaration formats available for import/export

In "Extending the Life of your GE Fanuc Series Six PLC," Qualitrol International outlined an exciting new program that would allow Series Six users to get more out of their system (available at www.qualitrol.com/conversions). The program involves replacing the Series Six CPU with a 90-70 CPU — leaving the Series Six I/O structure in place.

Users all over the world have found this to be an extremely cost-effective way of upgrading the processing functionality of the system without incurring the high costs and downtime of replacing the entire I/O structure.

Now, Qualitrol International can replace the Series Six CPU with the latest RX7i processor. The retrofit provides the same benefits to existing Series Six customers as the 90-70 upgrade:

- More robust instruction set, including trigonometric functions, PID function blocks, and parameterized subroutines
- User defined C programming function blocks
- Programming via any standard laptop computer
- Programming software that runs on current Operating Systems
- Ethernet communications fully supported
- Readily available spare parts

- Future expansion capabilities
- No need to eliminate existing Series Six I/O modules,racks,or power supplies
- No elimination of field wiring
- Use of existing CPU cabinets
- Third party processing and specialty cards can be added to the 90-70 CPU rack for increased system functionality

CONTINUUM OF SOLUTIONS

Qualitrol International can now offer a complete suite of conversion options for Series Six users:

- If you want to leave the Series Six I/O in place,
 - Replace the Series Six CPU with a 90-70 CPU,or
 - Replace the Series Six CPU with an RX7i CPU
- If you want to replace the whole system,you have three options:
 - Use a GE Fanuc 90-30 system,if the I/O count is below 1,000 points,
 - Use a GE Fanuc 90-70 system,or
 - Use an RX7i CPU with the 90-70 I/O system

The attached Series Six Conversion Grid provides a comparison of each conversion option.All costs are approximate and vary based on I/O count,the complexity of the control program,and system operation.

RECENT CASE STUDY- MINIMAL DOWNTIME FOR CONVERSION

A Regional Mail Sorting location was using a GE Fanuc Series Six system to run the main mail sorter. The maintenance personnel at this location wanted to be able to trouble-shoot the system using a laptop and wanted a newer processor but did not want to incur the cost of a total replacement of the Series Six. They elected to replace the Series CPU only with a new 90-70 processor.The code for the system was converted from the Series Six programming environment to the 90-70 programming environment off-site. The engineer responsible for the conversion showed up on-site on a Saturday morning, installed the new 90-70 CPU, uploaded the new program,and the customer was sorting mail by 8:00 that same evening. The customer's representative stated "...the installation went flawlessly with no impact what so ever on production... I was totally pleased with the way the whole project proceeded."

Want to learn more? Contact one of our technicians at 1-800-784-9385or at conversions@qualitrol.com.