



Control Modernization for SFC Drives

Engineered solutions for complex drive and control applications

PROVEN DRIVES CONTROL TECHNOLOGY

If you currently rely on vintage SFC drive controls like VME or Syconum drive controller, you cannot ignore the risk of obsolescence. A reliable and cost-effective upgrade can save you the time and expense of a complete system's replacement.

This simple upgrade will modernize your controls and data interfaces, substantially improving control capabilities and performance. Extensive diagnostics and comprehensive testing can make systems easier to maintain, with GE's outstanding drive services helping you get the greatest possible value from your MV drives' controls.

The external control interface -GE's P80i Control System toolbox- is widely considered as one of the best tools for configuring, troubleshooting and maintaining legacy SFC drives and controls.

IMPROVED CONTROL CAPABILITIES & PERFORMANCE

A well planned and executed upgrade by GE Power Conversion experts can save time and cost of an extensive system replacement and help you extend the life of critical power equipment.

BENEFITS AND FEATURES

- Experts that fully understand your industry and will match our drive features to meet your specific requirements
- Improved reliability and serviceability
- Replacement of all obsolete parts by GE new standard hardware
- Consistent and cost-effective project execution from start to finish
- Phased upgrades that fit your operating budget
- Improved process control resulting in lower operating costs

CONTACT US: services.powerconversion@ge.com

Power Electronics Controller (PECe)

- Standard industrial PC (Intel based chipset)
- VXWorks operating system - IEC1131 Compliant Function Block
- Deterministic Ethernet
- 5 Ethernet ports 10/100
- High performance processor (2.5 GHz)
- 60°C Ambient
- Fanless operation
- 2 or 4 PCI slots allows Profibus, Reflective Memory, Modbus , EGD, Ethercat, etc.



Touchscreen for Operator Control and Maintenance

Replacing antiquated meters and pushbuttons with modern touchscreen controls will immediately improve your ability to operate, maintain and enhance diagnostic management of your SFC's controls.



Input/Output Modules (PIBe Card)

- Modular construction
- Up to 8 digital inputs and 4 outputs (24VDC)
- Up to 8 analog inputs and 4 outputs (+/- 10VDC)
- Fast, deterministic EtherCAT interface from PECe



GE's Service Programs Tailored to your Application and Needs:

- Replacement of Parts & Repair Services
- Preventive "Performance" Maintenance (Annual)
- Preventive "Major" Maintenance (once every 3 or 5 years)
- Long Term Service Agreements
- Local Field services & Repairs
- Retrofits, Refurbishments and Upgrades
- Interactive trainings
- Remote support via VISOR