

HMI (Human-Machine Interface) Maintenance Program

fact sheet

GE Energy's HMI Maintenance Program is designed to keep your operator stations, maintenance stations, and communications operating at peak performance. The Human Machine Interface (HMI) is a critical component of your control system and is essential that it has the best, most up-to-date security software protection to preserve the system's functionality and integrity of its data. GE Energy's HMI Maintenance Program fulfills compliance requirements under the mandatory Federal Energy Regulatory Commission (FERC) 1200/1300 and European Network and Information Security Agency (ENISA) regulations.

Minimized Downtime, Maximized Availability

Maintaining your HMI site software to GE Energy's latest standards enables you to receive operating data and diagnostic alerts faster, allowing operators to make quicker and more informed decisions. GE's HMI Maintenance Program ensures that all performance and security software installed on your HMI is maintained to the most current GE standards for maximum effectiveness. In the event of viral infection, GE also provides Catastrophic Data Loss protection in the remote monitoring version of this program. Frequent back-up of existing customized HMI configurations lessens the impact of viruses and enables continuance of operations.

Benefits

- Enables FERC 1200/1300 and ENISA compliance
- Quarterly security updates to protect against network of cyber security threats
- Enhances HMI performance
- Microsoft® authorized security patches
- Guaranteed compatibility with current HMI configuration
- Available in remote diagnostic or compact disk delivery methods

Systems Supported

- All PC-based operator stations for GE plant, turbine, or generator controls with Proficy™ HMI/SCADA CIMPLICITY® and iFIX® graphics display systems



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Up-to-the-Minute Security Software

Security patches and anti-virus software can require monthly, daily, or even hourly updates to ensure protection against the latest cyber security threats. GE Energy's HMI Maintenance Program ensures that your HMI hardware, configuration and software applications receive superior shielding from all of the most recent hacker's efforts, as well as 100% compatibility with GE Energy's proven HMI software. All security updates undergo rigorous testing to make certain that patches are compatible in the HMI environment. Installing only Microsoft® authorized security software, GE Energy guarantees the seamless installation and performance of all security updates in the GE HMI environment.

Flexible Security Options, Superior Protection

Safeguarding your assets with the most up-to-date security applications is critical, but software updates need to fit into your schedule and overall business plan. GE Energy offers its Software Maintenance Program with a dual method for delivery: remote monitoring through VPN/dial-up or through quarterly distributed compact disks. Both delivery methods provide the latest security software, GE's HMI compatibility guarantee, and FERC 1200/1300 and ENISA compliance. Additionally, the remote monitoring offering enables access to our online Knowledge Center for diagnostic assistance as well as to GE's customized engineering support, available 24-7.

In addition to Catastrophic Data Loss protection, the remote diagnostics package also installs Service Packs and SIMS to provide basic security updates, general hard drive health supervision, and intrusion detection logs evaluation. Delivered with GE's 3DAS encryption, firewalls, and GE network security, installations are secure and free from data interception.

Enhance the performance of your HMI and maintain the best in security and anti-virus protection with GE Energy's HMI Maintenance Program.

Deliverables

- Microsoft security readiness tool
- Windows® service packs upgrades and installations
- GE Energy software Updates and installations
- Microsoft Internet Explorer upgrades and installations
- Anti-virus software installation
- Computer system analysis tool installation and Reporting
- On-going support through quarterly CD updates
- Technical and logistics support
- Web site for FAQ and general information
- Interactive operator interface module and log generator
- Catastrophic data loss recovery mod kit
- Intrusion detection utility and log generator
- Guide for maintaining a secure HMI

Contact your GE Energy representative today for complete product specifications and ordering information.

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