



Digital Energy

Automation Essentials

EMS Tertiary Disaster Response

DESIGNED FOR UTILITIES

GE's Automation Essentials is ready to come on-line in the event of a cyber security incident affecting primary and backup EMS systems, using a separate, proven SCADA to your main EMS.



KEY OUTCOMES

- Ability to operate grid without main and primary back-up
- SCADA EMS
- Automated back-end process to sync 3rd back-up
- Maintenance of a single line diagram displays familiar to operators



KEY FEATURES

- SCADA Monitoring
- SCADA Control
- EMS Power Applications

Maintain awareness when your main EMS is unavailable

GE's Automation Essentials maintains grid operations when main and back-up systems are unavailable, while reducing common failure modes. This is in response to a FERC-NERC recommendation for additional back-up facilities if main and primary back-up EMS systems are unavailable. GE designed Automation Essentials EMS to be a tertiary back up to GE Platform EMS and includes secure tools to ease the set-up and update between systems.

Easy integration with your existing EMS

A Disaster Response System provides a third backup option, based on separate SCADA technology that can quickly be put into service in the event of an incident affecting both the primary and backup control systems.

- GE is the unique SCADA EMS supplier who offers two proven EMS solutions, with automated tools and processes to keep the two different technologies in sync (GE to GE).
- Visibility to critical substations: provides the ability to view SCADA data on Single Line Diagrams "familiar" to operators.
- Extensible options include control, tagging, and essential transmission applications.
- Proven and secure technology.
- Simplified Maintenance and Deployment.

Customer profiles

- Transmission System Operations
- Regional Transmission Organizations (RTOs and ISOs)

GE EMS "Platform"



GE EMS "Automation Essentials"



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