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.

**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

**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)

**DESIGNED FOR UTILITIES**

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