



### GE Launches Next Evolution of Innovative Multilin 8 Series Platform

- *Comprehensive Motor Management System Improves Operators' Situational Awareness*
- *Improves Visibility of the Electrical System by 8x, Compared to Traditional Protection Systems*
- *Supports Multiple Industry-Standard Communication Protocols to Improve System Interoperability*

**MARKHAM, ONTARIO**—August 25, 2014—GE (NYSE: GE) today announced the availability of the Multilin™ 869 Motor Protection System designed for the protection, control and management of medium and large induction and synchronous motors. Building on GE's 100+ year history in industrial electrical automation, the Multilin 869 joins the Multilin 850 feeder protection system to create a common product platform that will enable industrial and distribution utilities to enhance the reliability of multiple different assets in their electrical infrastructure and reduce costs associated with unplanned outages.

As part of the Multilin 8 Series platform family, originally [announced in September 2013](#), the Multilin 869 delivers high-speed protection and control features and easy-to-use tools for faster motor configuration and startup helping operators get the Multilin 869 configured quickly. The system also generates motor functioning reports which facilitate quick and easy identification of potential motor issues and any needed corrective action to help operators minimize motor failures and limit unplanned downtime. Should a failure occur, the Multilin 869 also provides enhanced motor failure-mode analysis through broken rotor bar detection and stator turn-turn fault enabling operators to quickly identify a repair plan.

"Our customers' electrical infrastructures are mission critical to their operations and our Multilin 869 Motor Protection System has been designed to deliver process reliability our customers can count on," said Bala Vinayagam, senior product manager, distribution and distribution automation for GE's Digital Energy business. "This new platform builds on the advances in technology and design we introduced last year which maximize reliability and product life to help our customers protect their operations."

Overall, the 8 Series platform delivers:

- Detailed asset diagnostics so operators can make informed, proactive decisions to reduce unplanned outages and accurately plan maintenance schedules. Using GE's environmental awareness module to actively monitor both the environment and its own internal components, the 8 Series generates data that operators can use to make decisions about when maintenance or downtime should be scheduled, increasing operational uptime. The standard harsh conformal coating on the 8 Series' printed circuit boards helps protect against environmental factors to help deliver higher reliability and extend product life.
- An integrated integrity engine that utilizes customized algorithms which provide advanced diagnostics to ensure asset protection is not compromised. Coupled with the latest cybersecurity features, customers can comply with the latest NERC/CIP and NISTIR 7628 cybersecurity requirements.

- Advanced communications to allow easy integration into process and electrical control systems for smoother asset monitoring and control. With many industrial processes using a variety of communication protocols, integrating a new product can potentially increase the overall system cost and downtime. GE has designed the 8 Series to include advanced and flexible communication options to make integration easier and faster.

All GE protection, control and substation automation products adhere to rigorous quality processes, certified to International Standard Organization (ISO) 9001:2008 standards, encompassing the entire product development process from product design and testing to manufacturing and customer support.

GE's Digital Energy business is a global leader in protection and control, communications, power sensing and power quality solutions. Its products and services increase the reliability of electrical power networks and critical equipment for utility, industrial and large commercial customers. From protecting and optimizing assets such as generators, transmission lines and motors, to ensuring secure wireless data transmission and providing uninterruptible power, GE's Digital Energy business delivers industry-leading technologies to solve the unique challenges of each customer. For more information, visit <http://www.gedigitalenergy.com>.

## **About GE**

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