



GE Energy's New Communications Platform Provides Increased Broadband Capacity for Industrial Networks

MDS Mercury™ 5800 Offers Highly Secure, Highly Flexible and Standards-Based Networking for Industrial-Grade Communications in the Global 5800MHz Frequency Band

ROCHESTER, N.Y.—January 24, 2012—GE (NYSE: GE) announced today the new MDS Mercury™ 5800, an industrial-grade wireless network communications platform for mission critical applications. Designed for ruggedized environments, the MDS Mercury 5800 meets customers' expanding needs for data intensive applications by providing higher throughput for increased network reliability, quality of service for data prioritization, enhanced security features, and extended range to reduce network infrastructure costs.

"GE's MDS business has been providing industrial strength, wireless network communications solutions for over 25 years," said Tom Mueller, General Manager, Industrial Communications for GE's Digital Energy business. "Industrial customers are striving to improve their operations by obtaining performance information on the diverse range of devices in their network. They need to accomplish this in an environment that is demanding more reliability and security. GE designed the Mercury 5800 to provide wireless broadband networking to customers' global communications infrastructure where 5800MHz is an accepted band for private networks."

The MDS Mercury 5800 solution serves applications in the energy, oil & gas, heavy industrial, water/wastewater and mining industries, helping to ensure that mission-critical applications have a reliable, flexible and secure communications network platform to rely on. MDS Mercury 5800 features include:

- Connectivity through multiple Ethernet, serial and WiFi interfaces for system solution flexibility across a company's service territory.
- Outdoor options such as an integrated antenna unit as well as an easily maintained enclosure for Advanced Metering Infrastructure (AMI) and Distribution Automation (DA) deployments.
- Designed for industrial applications and deployment in remote harsh environments.
- Developed to the IEEE 802.16e standard to support interoperability and mobility.
- Advanced networking features such as multiple-in multiple-out (MIMO) antennas for base and subscriber units
- Robust security features such as encryption, authentication, address filtering and VLAN tagging for segregation of sensitive data

GE's Digital Energy business is working around the globe to modernize the grid with advanced technologies to increase reliability and efficiency and meet the world's 21st century energy challenges. For more information on GE's MDS Mercury 5800 product, visit our [website](#).

About GE

GE (NYSE: GE) is an advanced technology, services and finance company taking on the world's toughest challenges. Dedicated to innovation in energy, health, transportation and infrastructure, GE operates in more than 100 countries and employs about 300,000 people worldwide. For more information, visit the company's Web site at www.ge.com.

GE also serves the energy sector by providing technology and service solutions that are based on a commitment to quality and innovation. The company continues to invest in new technology solutions and grow through strategic acquisitions to strengthen its local presence and better serve customers around the world. The businesses that comprise GE Energy—GE Power & Water, GE Energy Management and GE Oil & Gas—work together with more than 90,000 global employees and 2010 revenues of \$38 billion, to provide integrated product and service solutions in all areas of the energy industry including coal, oil, natural gas and nuclear energy; renewable resources such as water, wind, solar and biogas; as well as other alternative fuels and new grid modernization technologies to meet 21st century energy needs.

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