



PRESS RELEASE

GE Digital Energy's MDS SD9™ Provides High Speed, Secure and Simultaneous IP/Ethernet and Serial Communication

Rugged, long-distance digital radio provides an easy migration path from serial to IP/Ethernet networks

Rochester, NY – September 22, 2009 - GE Digital Energy announces the MDS SD9, an industrial wireless solution that provides long distance communications over licensed radio bands and allows users to easily interface with both IP/Ethernet and serial controllers. This industrially hardened 900 MHz wireless data acquisition solution supports flexible, reliable, secure and efficient data transmission.

By supporting IP/Ethernet and serial communication, the SD9 helps utility, oil and gas companies increase the efficiency and flexibility of their communication systems and manage their migration from serial to IP/Ethernet effectively, while improving productivity and security at the same time. The MDS SD9 is ideal for a wide variety of data acquisition and SCADA applications such as monitoring and controlling pole-top transformers; reclosers and capacitor banks for utilities; pumps, compressors and flow meters in oil and gas production; and remote PLCs and measurement devices in water, wastewater and heavy industrial markets.

“Our customers are moving from serial to IP/Ethernet because they need the ability to accommodate a greater variety of data and devices for their evolving monitoring, control and reporting needs,” said Melanie Cook, General Manager – Communications, GE Digital Energy. “The MDS SD9 answers their need for robust and flexible licensed communications with a compelling range of features and functions.”

The MDS SD9 solution dramatically increases network flexibility with options that provide users with the ability to implement IP/Ethernet, secure AES 128-bit encryption, and multiple protocols on their networks as budget and resources allow. Multiple applications can be operated on a single network at the same time, including remote device configuration and data polling. MDS SD9 also includes two serial ports, provides broad coverage flexibility over distances up to 50 miles, and supports a low-power sleep mode for solar and battery powered applications.

“For existing customers, we have taken great care to make the SD9 compatible with previous generations of MDS products, specifically our 9710 and 9790 product lines,” Cook stated. This backward compatibility with existing MDS 9710 and 9790 networks means that network upgrades from serial to IP/Ethernet are smooth, controlled and at the convenience of the user.

[Get more information on the MDS SD9.](#)

About GE Digital Energy:

GE Digital Energy, a division of GE Enterprise Solutions, protects and connects the world's critical equipment to ensure safe, reliable power. It 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 Digital Energy delivers industry-leading technologies to solve the unique challenges of each customer. For more information, visit <http://www.gedigitalenergy.com>.

About GE Enterprise Solutions:

GE Enterprise Solutions elevates customers' productivity and profitability with integrated solutions using sensors and non-destructive testing; security and life safety technologies; power system protection and control; and plant automation and embedded computing systems. Enterprise Solutions' high-tech, high-growth businesses include Sensing & Inspection Technologies, Security, Digital Energy, and GE Fanuc Intelligent Platforms. The business has 17,000 problem-solving employees in more than 60 countries around the world.

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