XetaWave Expands IO Offering with Data Logging & Data Concentrator

LOUISVILLE, CO November 17, 2015 / -- XetaWave, a Colorado-based wireless technology provider, today announced that it has expanded its IO offering to include data concentrator and data logging capabilities. Such functionality is integrated within XetaWave's software defined radio (SDR) technology platform and does not require the purchase of additional hardware. XetaWave's wireless IO offering is the most robust within the industry – it supports Ethernet, serial and Seamless Serial™ (integration of serial and Ethernet data within a single wireless network); provides unmatched speed and distance; and is available for the widest selection of frequencies including 900 MHz dual band ISM/MAS, 200MHz, 400MHz, 700MHz, and 2.4GHz. XetaWave IO is compatible with many sensors, supports Modbus, and seamlessly integrates with XetaWave networks. XetaWave IO is ideally suited across multiple industries for the secure, wireless monitoring and control of temperatures, pressures, levels, meters, pumps, valves and for process control applications.

The XetaWave Data Concentrator (XetaDC) communicates directly with the SCADA polling system over Ethernet and polls downlink devices in the field over serial and/or Ethernet. Multiple Modbus TCP, RTU, and ASCII devices can be polled by the XetaDC and the data can be aggregated into a customizable, universal register map. This simplifies SCADA configuration and management because there are fewer IP addresses, TCP/UDP ports, terminal servers, and Modbus address to track. The field crew can install and configure the XetaDC with standard templates, freeing the SCADA system administrator to focus on other optimizations. The XetaDC ensures only reliable data reaches the user by configurable retries, custom default values on failed polls and error flags, thereby reducing network traffic and simplifying SCADA polling system configuration. Lastly, by simultaneously supporting both Ethernet and serial communication, the XetaDC can be used to integrate old producing wells with serial communication equipment into Ethernet networks thereby providing automation to old well sites with minimal cost and network impact.

Andrejs Rozitis, director of IO technology, commented, "The XetaWave Data Concentrator was developed in direct partnership with one of the largest oil and gas producers in the United States. They helped us design and test the product from start to finish. We are now sharing this technology with all of our customers as a standard feature in our IO products at no additional cost. There is simply no other product in the industry that offers the same selection of wireless frequencies with integrated IO channels and data concentrator capabilities within a single device."

The XetaWave Data Concentrator is currently available. Additional information may be accessed on the XetaWave web site at www.xetawave.com.

About XetaWave

Founded in 2010, XetaWave is a leading provider of the industry's most advanced, high performing, cost effective platform of software defined radios across multiple bands to meet the worldwide application needs of industries such as oil and gas, water and wastewater, electric power, and the military. The current platform of XetaWave radios includes Xeta9 (902-960 MHz) dual band ISM/MAS, Xeta9-XX Double X (902-960 MHz) offering speeds up to 8.8 Mbps, Xeta1 (150-232 MHz), Xeta2 (216-232 MHz), Xeta3 (VHF/UHF 225-380 MHz), Xeta4 (406-512 MHz) – full duplex, Xeta14 (1.4 GHz), Xeta24 (2.4 GHz), Ethernet and Serial IO and Data Concentrator. All XetaWave radios are 100% designed, manufactured, and tested in-house at its headquarters in Louisville, Colorado. For more information, visit www.xetawave.com or call 303-447-2745.