

FREEWAVE TECHNOLOGIES TO DEBUT IO EXPANSION WIRELESS DATA RADIO FAMILY FOR WATER APPLICATIONS AT AWWA ACE 2010

AWWA ACE10, Chicago, BOOTH #362, June 21, 2010 -- FreeWave Technologies, (<http://www.freewave.com>), manufacturer of the most reliable, high-performance spread spectrum and licensed radios for critical data transmission, will be showcasing three new additions to its IO Expansion family that offer several new and improved features for water/wastewater applications in its booth (#362) at AWWA ACE10. The new FreeWave IO Expansion family is ideal for applications in the water purification and wastewater treatment industry, such as measuring and controlling intake pumps, temperature, water levels, flow rates, pressures and chemical levels. The IO Expansion line also is suited for applications in oil and gas automation, agriculture irrigation, and monitoring/control markets.

“The water/wastewater industry will benefit greatly from our new IO expansion line because it provides increased flexibility, accuracy and performance without the need to purchase an entirely new system,” explained Ken Granader, vice president of sales. “Now, customers can leverage their existing investments in wireless IO – and gain up to 192 additional IO points at a fraction of the cost of buying brand new radio systems.”

The IO Expansion Module is known for offering a scalable IO solution with up to 12 IO points per module. Also, up to 15 modules can be stacked on the radio or base module -- allowing up to 192 additional IO points per 15 module stack. This adds significant flexibility to an existing FreeWave Modbus IO network. Now, with the introduction of the Serial Base, expandable IO points can be added to any existing serial network regardless of manufacturer. Along with the peace of mind that goes with 100 percent temperature tested radios, users can rest assured of measurement accuracy. The 0.10 percent accuracy of analog input measurements across the entire operating temperature means that users can be confident in the reported measurements and reduce their process errors. The new form factor is fully enclosed with an integrated DIN rail clip for easy installation and maintenance. In the future, Granader says new functionality and firmware will be added to the platform and be available through firmware upgrades with FreeWave’s Tool Suite configuration software.

New models and additional enhancements to FreeWave's IO Expansion family include:

- Serial Base: IOE-X-4422PC –local IO can be added to any serial equipment or serial wireless network, such as existing non-FreeWave wireless serial networks and existing PLCs or RTUs. Both solutions allow customers to increase the number of IO points without having to upgrade to new hardware.
- Radio Base: FGR2-IO-IOE – provides a wireless base for IO Expansion to any new or existing FGR serial network with up to 60 miles with line-of-sight (LOS).
- Expansion Module: IOE-X-4422-P – offers universally configurable IO expansion to either the Radio Base (FGR2-IO-IOE) or Serial Base (IOEX-4422PC).

The enhanced IO Expansion family for water/wastewater applications is now available. For more information visit, www.FreeWave.com/IO or contact FreeWave at 866-923-9948.

About FreeWave Technologies

Founded in 1993, FreeWave Technologies manufactures the most reliable, high performing, lowest power consumption, spread spectrum and licensed radios for mission-critical data transmission. Through engineering excellence and a relentless commitment to best-in-class manufacturing, FreeWave customers enjoy superior radio up-time, range and the lowest cost of ownership available. Based in Boulder, Colorado, FreeWave designs and manufactures radios that are the leading choice for oil and gas, utility, military and numerous other industrial applications. Organizations that count on radio data communications for operational success – where failure and down-time are not an option – trust FreeWave for custom network design, system engineering and customer support that is unparalleled in the market. For additional information, contact FreeWave directly at 866.399.4930 or at newsinfo@freewave.com. Visit the company's website at www.freewave.com.

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