FreeWave Technologies Unveils WavePoint, a Fast, Flexible and Secure Wireless Machine-to-Machine (M2M) Platform for Industry and Government

WavePoint enables private, industrial wireless networking with a low cost of ownership and ultra-fast throughput to support oil and gas, utilities, government and defense, and more

LAS VEGAS, March 26, 2014 – IWCE (Booth # 8116) -- FreeWave Technologies (http://www.freewave.com), an innovator in industrial-grade, secure M2M wireless networking solutions, today announced WavePoint™; a versatile high speed wireless networking platform that securely communicates industrial data over long distances to enable M2M, broadband and SCADA applications (https://www.freewave.com/products/allproducts/WavePoint.aspx). Customers can now leverage the cost-effective and easy-to-deploy WavePoint solution and achieve greater productivity by extending broadband connectivity to remote locations, from one unified and secure platform. WavePoint is designed to meet the specific challenges of integrating difficult-to-reach field locations by providing powerful wireless IP routing capabilities combined with the choice of frequencies and network deployment capabilities to suit any application scenario. WavePoint can support any network infrastructure, enable remote video access, empower multiple Ethernet and serial devices simultaneously, eliminate (or consolidate) telecom access circuits (T-1/E-1 and DS3) and device integration is truly “plug-and-play.”

Share this: FreeWave Technologies unveils the future of #wireless #M2M & #broadband with #WavePointM2M (https://www.freewave.com/products/allproducts/WavePoint.aspx) #IWCE2014

“The WavePoint product portfolio is purpose built for the growing data needs of our customers and provides an economical, easy-to-deploy, fast, secure and flexible platform that addresses a wide range of applications with a quick ROI,” explained Ashish Sharma, CMO of FreeWave Technologies. “With the ability to combine multiple frequency bands, along with wireless IP routing and support for a wide variety of industrial SCADA protocols, management services, and
flexible network design elements within one cohesive solution, WavePoint is able to meet the broad range of networking and communications needs of today’s expanding enterprise.”

For more than 20 years, FreeWave has delivered the most reliable and secure narrowband long range communication solutions based upon its knowledge and experience in challenging Radio Frequency (RF) environments. WavePoint is the next-generation of FreeWave’s wireless solutions to provide customers with a variety of network configuration options and support for up to four wireless OFDM broadband modules per unit, operating in the 900 MHz, 2.4 GHz and 5 GHz ISM and U-NII bands and options for 3G and Wi-Fi operations. Since a single WavePoint platform enables multi-purpose communications and can operate in multiple frequencies, customers can easily integrate it with existing Local Area Networks (LAN), Wide Area Networks (WAN) and more, thus protecting their existing network infrastructure investments. But WavePoint isn’t just fast and flexible, it’s also highly secure. The platform defends against unauthorized access using security protocols based on Advanced Encryption Standard (AES). It complies with today’s IT-centric security policies and its cutting edge broadband wireless functionality combined with enterprise-grade IP networking technology can easily extend the corporate IT network to remote and difficult to reach locations.

With WavePoint, organizations can deploy several essential network elements, such as wired network access, cellular network backhaul, local area communications, high speed backbone communications, Wi-Fi Hotspot access, and mobile mesh networking – all through a single platform. This not only provides the ability to enable data-intensive applications over long distances, but allows organizations to empower field personnel and smart devices through wireless access to back office systems, streamline the integration of new equipment into existing infrastructures and drastically simplify overall networking integration and deployments.

“The underlying force behind M2M and our increasingly connected world is the communications technologies that bring it all together,” explained Sam Lucero, senior principal
analyst at IHS. “Mobility, productivity and connecting geographically distributed resources provides a strong case for wireless as a strategic business tool for the future.”

For more information about FreeWave and its new WavePoint platform, please visit (http://www.freewave.com) or follow the company on Twitter, LinkedIn, Google+ and Facebook.

About FreeWave Technologies
Based in Boulder, Colorado, FreeWave Technologies (www.freewave.com) pioneers the next generation of industrial-grade, secure M2M wireless networking and communications solutions. These proven solutions are deployed across commercial industries by leading oil and gas producers, government and defense contractors, agriculture equipment manufacturers, utility operators in both electric power and water/wastewater, and more. For more than 20 years, industry leaders have depended on FreeWave to wirelessly communicate critical information across networks faster, more reliably and securely, than any other company in its marketplace without fail. For more information, contact FreeWave at 866-923-6168 or at moreinfo@freewave.com.

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