



News Release
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Easy-to-use, cost-efficient energy management with Virtual Extension wireless mesh networks and TI technology

TI smart grid solutions are the preferred choice of VEmesh Wireless Mesh Networks

DALLAS, TX and Givatayim, Israel (June 10, 2009) – Creating a more reliable, simple to install, cost-efficient way to monitor and track energy consumption for utilities, Virtual Extension has selected Texas Instruments Incorporated's (TI) (NYSE: TXN) embedded processing technology as the preferred solution to power its VEmesh Wireless Mesh Networks. TI's [ultra-low power microcontroller](#) (MCU) and [RF technology](#) helps boost performance, minimize cost, reduce board space and speed time to market of VEmesh network applications. Optimized for applications requiring high performance, such as [automated meter reading \(AMR\)](#), Virtual Extension's innovative Diversity Path Mesh™ technology transmits simultaneously a multitude of radio paths, creating a robust wireless network for 100 percent area coverage. With this technology, utilities can realize savings in terms of data collection, theft prevention, remote operation and prepaid services. For more information, please visit TI's metering microsite at www.ti.com/metering09075 and www.virtual-extension.com.

“By using TI solutions in VEmesh products, next generation wireless network users are able to take advantage of state-of-the-art technology with high reliability, extended range and efficient cost-performance,” said Yariv Oren, CEO, Virtual Extension. “This will be increasingly important as Virtual Extension Diversity Path Mesh is adopted as the preferred technology platform for wireless mesh networks.”

“TI's MCU and RF technology combined with the high performance of VEmesh products offers customers cutting-edge wireless network solutions,” said Mark Buccini, director, metering/AMI, TI. “With our wide-range of optimized solutions, TI is strongly committed to advancing smart metering technology.”

TI's broad portfolio drives smarter grid solutions

TI's comprehensive [utility metering portfolio](#) includes devices targeted at electricity, water and gas metering, as well as power line communications (PLC) and radio frequency (RF) interfaces for advanced meter infrastructure (AMI) that allow customers to design smart grid solutions. From highly optimized application specific embedded processors, low power RF, power management and RFID, TI offers the most complete solution set for smart metering.

Pricing and availability

The VEmesh Wireless Mesh Networks have been deployed in the US, Europe, Asia and Israel in a variety of applications including electricity, water and gas smart metering, remote highway illumination and lighting, agriculture and irrigation, factory automation, energy and environment, vending machines, security and surveillance, and building automation. The complete line of these solutions is now available

in addition to an evaluation kit priced at \$2,500 USD. For more information on the VEmesh Wireless Mesh Networks, please visit www.virtual-extension.com.

Find out more about TI's smart grid solutions by visiting the links below:

- TI's metering microsite – www.ti.com/metering09075
- TI MSP430 – www.ti.com/msp43009075
- MSP430 tools page – www.ti.com/msp430tools09075
- TI's microcontrollers – www.ti.com/mcu09075
- TI's low power RF – www.ti.com/lprf09075
- MCU tools videos – www.ti.com/mcuvideos09075
- TI E2E MCU community – www.ti.com/e2emcu09075
- TI eStore – www.ti.com/estore09075
- TI energy blog - www.ti.com/tienergy09075
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About Virtual Extension

Operating since 2000, Virtual Extension has pioneered Diverse Path Mesh technology for Wireless Sensor Networking. The company's OEM customers rate its products as having the best range, resiliency and simplicity of deployment. Virtual Extension provides a system that literally enables removing the wires from an existing sensor and replacing them with self-organizing wireless devices. Virtual Extension's design wins power a diversity of Wireless Sensor Networking applications and Automated Meter Reading, including pipeline security applications, agricultural applications, remote lighting, and industrial control and monitoring. For more information, go to www.virtual-extension.com.

About Texas Instruments

Texas Instruments (NYSE: TXN) helps customers solve problems and develop new electronics that make the world smarter, healthier, safer, greener and more fun. A global semiconductor company, TI innovates through design, sales and manufacturing operations in more than 30 countries. For more information, go to www.ti.com.

Trademarks

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