



Smarter Sensors In Silicon

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Crossbow Technology Introduces EcoWizard Energy Monitoring System

Next Generation Solution Enables Intelligent Energy Conservation

San Jose, CA – October 28, 2009 – Crossbow Japan Ltd., a subsidiary of Crossbow Technology, Inc. (www.xbow.com), along with strategic partner Sumitomo Precision Products Co., Ltd. announced today the availability of the [EcoWizard Wireless Energy Monitoring System](#). EcoWizard enables users to analyze and monitor energy consumption in real-time using intuitive visualization tools allowing intelligent and efficient energy conservation.

Using leading-edge wireless sensor networking technology EcoWizard offers various energy measurement modes such as watt-hour by RS485, current transformer, and pulse inputs, while significantly reducing the installation costs associated with current solutions. The newly developed data viewer provides numerous options and increased functionality with simple graphical displays of past and present energy consumption (electricity, temperature, etc.).

Crossbow Japan, who has been supplying customized wireless energy solutions to the Japanese market for several years, has now expanded its offering to the public sector with the introduction of EcoWizard. This energy sensing and monitoring system is a cost-effective solution for users in many countries who are now faced with strict energy conservation policies and legislation. The need for a solution that quickly and easily facilitates energy savings is here. Crossbow's expertise in sensing and wireless network solutions have shaped EcoWizard and launched an advanced system for smart and effortless energy monitoring and conservation.

System Features

Complete Hardware Monitoring Solution -

Sensors for electric power consumption, water, gas, temperature, humidity, light, etc. including pulse input wireless nodes enabling data acquisition from typical gas or water gauges.

Multi-functional Software Package -

The flash-based application is simple to operate, allowing intuitive data viewing. The graphical displays enable identification of total and individual local power consumption instantly. Data can be exported to CSV format, permitting easy report creation. The system offers real-time

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monitoring and data logging, with built-in alert capability when sensor data exceeds the predetermined threshold.

Low-cost Installation -

Compared to current wired systems, installation or layout changes take a significantly shorter time, leading to increased cost savings. Crossbow's XMesh enables a multi-hopping ad-hoc network between sensor nodes to relay data back to the base station. If the wireless connection is interrupted, the system will automatically re-route to ensure complete data transfer from all nodes to the base station. The sensor nodes are built on the NeoMote product from Sumitomo Precision Products who have deployed over 30,000 nodes for customized industrial sensing.

Pricing and Availability

EcoWizard is priced competitively. The system will be immediately available for purchase in November 2009. Sales inquiries may be directed to sales@xbow.com.

About Crossbow Japan

Established in 2005, Crossbow Japan Ltd. is a joint partnership of Crossbow Technology, Inc. San Jose and Sumitomo Precision Products Co., Ltd. located at the Sumitomo Precision Products' complex in Amagasaki, Hyogo, Japan. Sumitomo Precision Products has been developing and manufacturing industrial grade wireless sensor networks under the license of Crossbow Technology, whose sales are conducted by Crossbow Japan, Ltd. Founded in 1995, Crossbow Technology, Inc. is the leading end-to-end solutions supplier of wireless sensor networks for diverse applications such as industrial automation, building monitoring, home automation, environmental control, structural monitoring and asset tracking.

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