

Z-Wave Announces Advanced Energy Control Framework at Metering Europe

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Breakthrough in Home Energy Management at Amsterdam Event

Copenhagen/Amsterdam, 23. September 2008 – The Z-Wave Home Control standard expands its reach with the announcement of the Advanced Energy Control Framework (AEC), a specification for advanced energy management technologies that empower homeowners to make informed decisions for energy consumption and monitor home devices. Z-Wave's AEC will integrate smart metering, consumer notification, automated load shedding and home controls to enable real-time energy management and to help reduce energy demand, lower utility costs and provide active control over home energy consuming devices. Zensys presents the AEC at the Metering Europe-Event in Amsterdam (Booth J15) between the 22nd and 24th of September, 2008.

“The Z-Wave Advanced Energy Control Framework is a breakthrough in home energy management that will allow homeowners to actively monitor utility costs and demand response in order to save energy and money while reducing their carbon footprint,” says Mark Walters, chairman of the Z-Wave Alliance. “Some utilities are looking to use smart meters to dynamically adjust billing rates based on energy consumption. With AEC we can notify the homeowner of these changes so they can make informed decisions on how they want to consume energy. With Z-Wave and AEC the power to conserve is in the hands of homeowners, not the utilities.

Transparency and management reduce energy costs

Most consumers receive only one electricity meter reading per month, providing little insight into their daily energy consumption and habits. With Z-Wave's AEC, consumers can view their energy consumption anytime and anywhere in order to determine when they are using the most energy, and then can work to reduce overuse. Homeowners can also respond to utility billing structures, such as time-of-use pricing and tariff schedules, to minimize energy usage at peak times.

“With its undisputed strength in interoperability and its range of available products, Z-Wave does not only provide for the simple communication from an electricity meter to a gateway and a wireless display in the home”, says Roar Seeger, CEO of Modstroem, a Danish utility company. “It also enables the control of devices in the home that actually consume the power. Especially this second aspect is essential for Modstroem's advanced service and key to actually achieving energy reduction without compromising comfort for the consumer.”

Z-Wave's large selection of interoperable home energy control devices enables AEC solutions for a range of consumer scenarios, from simple energy monitoring with smart meters and home displays, to fully integrated device networks including thermostats, home control panels, gateways, sensors, controlled lighting, window coverings and other electrical devices. All the data is collected through an easy-to-understand central Z-Wave control interface that provides homeowners with the information they need to best manage their energy consumption.

Metering Europe: movement in the utility market

This year, the tenth anniversary of the Metering, Billing/CRM Europe takes place in Amsterdam, Netherlands. Since the European member states have opened their electricity and gas markets to competition, the demand for solutions which enable an efficient use of energy and lower the costs increases rapidly. So the investments in smart metering technologies are on the rise. Against this background Zensys will present its Advanced Energy Control Framework in Amsterdam and explain the benefits of the new solution with regard to energy efficiency and the management of consumption.

You will find more information about the Metering Europe under: www.metering-europe.com.

About Z-Wave

Z-Wave[®] is the first technology to bring affordable, reliable and easy-to-use wireless control to every aspect of daily life – the home, consumer electronics, healthcare, and energy use, to name a few. Z-Wave is an award-winning, proven and interoperable wireless mesh networking technology that allows a wide array of devices in and around the home to communicate including lighting, appliances, HVAC, entertainment centers, and security systems. Z-Wave brings many benefits to everyday life including remote home monitoring, home healthcare, safety and security, and energy conservation. Z-Wave certified products are currently available from leading consumer brands in more than 300 products. Z-Wave is the recipient of the 2006 Wall Street Journal Technology Innovation Award in the wireless category, the CNET “Best of CES Award” in the enabling technologies category, along with PC World’s 2006 World Class Award, which recognizes the 100 best technologies and products of the year. For more information about Z-Wave please visit www.z-wave.com

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