



Press Release

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USNAP Enabled Products Available Through Home Depot Stores

Full range of Smart Grid enabled products now available for utilities and consumers

Morgan Hill, CA (January 26, 2011) –The USNAP Alliance, an industry consortium of major stakeholders and utilities for the Smart Grid, today announced that a family of USNAP thermostats with Wi-Fi Universal Communications Modules (UCMs), produced by USNAP member Radio Thermostat Company of America, is available through Home Depot stores under the Filtrete Brand from 3M. Additional USNAP products are available through multiple channels from the following USNAP members: Aztech Associates, Bulogics, Comverge, Entek, Intwine Energy, Microchip Technology and Murata Wireless Solutions.

Manufacturers of Smart Grid Devices (SGDs) such as consumer appliances, thermostats, in-home displays, energy management systems and gateways can use USNAP compliant UCMs to connect to a Home Area Network (HAN) using a variety of connectivity options such as ZigBee, Wi-Fi, Z-Wave and FM radio, creating a universal HAN device ecosystem.

"The modular delineation between the UCM and the SGD itself represents a critical step toward reducing the cost and complexity barriers to broad consumer participation in the Smart Grid," stated Barry Haaser, executive director of the USNAP Alliance. "Having recently released our USNAP 2.0 specification, we are just seeing the tip of the energy-aware and smart grid-ready HAN device iceberg."

"Our USNAP offering empowers consumers to remain comfortable, while saving energy and reducing their monthly electric & gas bills," said Dan Goodman, CTO of Radio Thermostat Company of America. With USNAP enabled thermostats, homeowners can simply and remotely manage their heating or cooling preferences from any web browser or mobile device, via Radio Thermostat's secure website or using free mobile applications that are available for the iPhone or iPad. (Android & Blackberry apps coming soon). "Leveraging USNAP, our

customers enjoy the utmost flexibility, whether they plan to use Wi-Fi, Z-Wave or ZigBee modules to connect to security, home automation, and energy management systems, or directly to smart meters", continued Goodman.

The following USNAP enabled products are available from several companies:

Aztech Associates, In-Home Display: Aztech Associates, In-Home Display: The Aztech In-Home Display wirelessly collects data from smart meters without the need for retrofits. The device displays near real-time and historic consumption information while notifying utility customers of time-of-use periods through on-screen messaging and changing colors across its exclusive light bar.

Bulogics, Smart Grid Home Controller: The world's first Smart Grid compatible Z-Wave wireless controller, bridging the wireless technology of Z-Wave Home Area Networks (HANs) to advanced metering infrastructures that utilize any wireless standard including ZigBee Smart Energy (SE) profile. This groundbreaking product features a U-SNAP expansion module for connectivity to ANY wireless standard.

Comverge, IntelliTEMP: A programmable digital thermostat, IntelliTEMP offers the capability to reduce kWh usage by user-defined time and temperature setbacks and/or price signal responses.

Entek, TCRAC and MCRAC Radio Appliance Controllers: General-purpose appliance controllers containing two ea 1 or 3 amp relays for pilot operations and / or one 30 amp relay for controlling water heaters or other large loads. A multiple port USNAP board supports communication interfaces to RDS Radio, ZigBee, Wi-Fi, Trilliant and other popular communications. Optional Power Measurement is available in both models. EnTek models include smart controls and adaptive algorithms.

Intwine Energy, IECT210 and IECT220 Intwine WiFi Thermostats: Enables consumers to remotely monitor and control all home energy usage via a WiFi connection. Intwine solution also enables third party energy providers to offer residential demand response programs over the IP network.

Microchip Technology, Embedded Electronic Controls; Microchip provides a number of embedded control technologies including 8, 16, and 32 bit microcontrollers as well as 802.15.4 (Zigbee), 802.11 (WiFi), and sub GHz radios to enable efficient and cost effective USNAP applications.

Murata Wireless Solutions, SyChip ZigBee U-SNAP Module: a fully integrated, FCC certified, ZigBee PRO module with +20dBm output power, a 2.4GHz antenna, and 1MB of serial flash memory. It offers the best-in-class ZigBee RF performance with a 124dB link budget for long range. The module is optimized for high-performance and low power consumption.

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About USNAP Alliance

The USNAP Alliance is an open industry association developing an industry specification for connecting energy aware consumer products with smart meters, energy gateway and energy system interfaces. The Alliance creates and publishes specifications, provides testing and certification procedures for product conformance and educates consumers, utilities and vendors on the benefits of the standard. Alliance membership is comprised of utilities, manufacturers, consultants and other parties interested in developing or deploying the standard. For more information, or to find out how to join the Alliance, please visit www.usnap.org.

Contact

Barry Haaser
(408) 833 6241
barry@usnap.org