



## PRESS RELEASE

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### Millennial Net Inc. receives multiple 2008 “Best of Sensors Expo” Awards

*Two wireless sensor networking products get recognized at the major sensor event for the second year in a row.*

Burlington, MA - June 16, 2008 - Questex Media Group has acknowledged Millennial Net for the second consecutive year by awarding the Company with two “Best of Sensors Expo” Awards at the Sensors Expo & Conference in Rosendale, IL. Fifth generation wireless sensor networking system MeshScape® 5 received Bronze Award in Communications & Networking category and second generation wireless thermostat Wi-Stat II received its second Honorable Mention Award in Control Products category.

The Sensors “Best of Sensors Expo” awards honored the most exciting new products that were on display at the Sensors Expo & Conference, which took place at the Donald E. Stephens Convention Center in Rosemont, IL. All entries were judged on the basis of potential impact, application, distinctiveness, timeliness, and availability.

“Wireless sensor network applications are gaining momentum as the technology matures and user acceptance builds on successful deployments and demonstrated performance in real world environments”, said Martin Hanssmann, CEO Millennial Net.

**The MeshScape 5** wireless sensor network protocol uses patent pending virtually-on frequency hopping technology. It also uses patented Persistent Dynamic Routing (PDR) techniques to form a self-configuring, wireless mesh network. PDR uses a node-initiated network formation for efficient topology discovery, and utilizes “best route” information for network re-formation, making MeshScape 5 an ideal wireless protocol for use in commercial and industrial applications. It is designed to overcome challenges of ever-changing RF environments and is perfect for monitoring and control applications such as building automation, energy management, environmental monitoring, factory automation, healthcare and wellness monitoring and process automation. New innovations over previous generation include:

- **Virtually-On** technology to enable mesh nodes to run at low power for battery operations over several years.
- **Active Frequency Hopping** to avoid potential interferences for robust operation in highly noisy environments.
- **Low Latency** capability to reduce the end-to-end packet delivery time to below seconds within a multi-hop environment, even with battery operated mesh node.
- **Highly Scalable Dynamic Addressing** to ease installation and commissioning for large and complex networks.

**Wireless thermostat Wi-Stat II** is designed for easy retrofitting of existing HVAC infrastructures. It connects to existing HVAC wiring to harvest power and to control the HVAC unit and works with the company's Wi-EMS energy management system to provide Web-based remote monitoring, control, and maintenance of building environments. This second generation product joins a growing family of devices, based on Millennial Net's MeshScape wireless sensor network technology, utilizing standard 802.15.4 unlicensed radio band.

Wi-Stat II completely transforms the way energy use is being currently managed by introducing three major innovations that reduce the cost and disruption of existing facilities needing to conserve energy immediately:

1. Wi-Stat II operates bi-directionally within the wireless sensor network to take intelligent control action. This provides local autonomy and robustness from disruptions in external communications.
2. Wi-Stat II is the only thermostat replacement to provide 802.15.4 wireless communications for buildings with pneumatic interfaces for HVAC controls. The Wi-Stat II supports both pneumatics and wired interface options to rapidly and affordably upgrade existing systems for energy management, and provides a migration path to future elimination of pneumatics, if desired.
3. Many users are intimidated by sophisticated technologies, when they simply want to be comfortable, and are more accepting of simpler conventional user interfaces. Therefore, the Wi-Stat II is available in three options: 1) pre-integrated with a Honeywell 5130 as the local user interface; 2) ready to be integrated to a user supplied conventional thermostat; 3) to be operated without an integrated thermostat.

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**About Millennial Net**

Millennial Net is a leading worldwide provider of commercial and industrial wireless networking systems and products for the energy management and automation markets that enable users, OEMs and systems integrators quickly and cost-effectively implement wireless monitoring and control applications. The company's advanced products and services can help customers save time and costs through wireless remote monitoring and management of critical devices. They also provide data for more informed decision-making, better control and increased revenue opportunities. Millennial Net's patented ad hoc, self-organizing wireless mesh networking MeshScape® system leads the industry in power efficiency, support for dynamic systems and mobile sensors, reliability, and scalability. Millennial Net also leads the industry in real-world deployments with networks installed across commercial building and industrial environments. Millennial Net is headquartered in Burlington, MA and owned by PHC Holding, GmbH (PHC). PHC is a privately-held company headquartered in Esslingen, Germany. For more information, visit [www.millennialnet.com](http://www.millennialnet.com).

**About Questex Media Group, Inc.**

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