



FOR IMMEDIATE RELEASE

The Entire Line of MeshNetics' Industry-Leading ZigBee Modules Is Now ZigBee PRO *MeshNetics Offers a Unique Combination of Hardware and Software from a Single Vendor*

San Jose, CA – April 15, 2008 – MeshNetics, a leading provider of ZigBee modules and embedded software for OEMs and system integrators, announced today at the Embedded Systems Conference in San Jose, California, the successful completion of the ZigBee PRO certification of their line of ZigBit™ RF modules. The ZigBit modules already lead the industry in such important characteristics as range performance, power consumption, and compact form factor. The ZigBee PRO compliance of MeshNetics ZigBeeNet stack software, verified by National Technical Systems (NTS), a ZigBee qualified testing lab, ensures that the latest ZigBee PRO feature set is available in combination with the best-in-class hardware performance.

"The recent ZigBee PRO certification of our ZigBeeNet stack comes as a logical continuation of our 'single vendor' approach," said Alexey Rybakov, Managing Director, MeshNetics ZigBit Business Unit. "That means when a customer buys a ZigBee module from us, they receive a complete package that includes the hardware, software and technical support – all from a single source. So far MeshNetics is the only ZigBee module vendor who can offer this."

Osman Sakr, chief technology officer of NTS commented, "NTS has worked closely with the ZigBee Alliance to help develop the ZigBee PRO certification program. We are pleased to assist manufacturers such as Meshnetics, in bringing ZigBee products to the market and having them officially certified to verify that they meet the standards developed by the ZigBee Alliance."

The new ZigBeeNet embedded software stack provides a software development platform for reliable, scalable and secure wireless applications running on MeshNetics ZigBit modules. ZigBeeNet is designed to support a broad ecosystem of user-designed applications addressing diverse requirements and enabling a full spectrum of software customization. Primary application areas include smart energy, home automation, commercial building automation, automated meter reading, asset tracking and industrial automation.

Incorporating three years' worth of wireless system design experience, field work, and actual user feedback, the ZigBeeNet stack offers full ZigBee PRO functionality without sacrificing developer's convenience and ease-of-use. ZigBeeNet's target audience is system designers, embedded programmers and hardware engineers evaluating, prototyping, and deploying wireless solutions and products built around the ZigBit hardware platform.

The key features of the ZigBeeNet include:

- Full ZigBee PRO and ZigBee compliance
- Easy-to-use C API and serial AT commands available
- Ultimate data reliability with true mesh routing
- Large network support (hundreds of devices)
- Optimized for ultra low power consumption (5-15 years battery life)
- Extensive security API including AES 128 support
- Over-the-air software update capability
- Flexible and easy-to-use developer tools

ZigBeeNet is available for immediate download as a ZigBee development kit software upgrade at www.meshnetics.com/support. The software development kit includes (1) extensive documentation, (2) standard set of libraries comprising multiple components of the stack, (3) sample user applications in source code, as well as (4) a complete set of peripheral drivers (also in source code) for the supported platforms.

MeshNetics' line of tiny ZigBit RF modules includes regular and amplified versions. Both versions support multiple antenna options. All modules are based on Atmel's best-of-breed silicon. The ZigBit modules carry FCC, IC and CE certifications and are RoHS-compliant. As a single-source provider of hardware and software solutions, MeshNetics provides software updates, dedicated design-in support, and RF design assistance. For more information on MeshNetics 802.15.4/ZigBee modules and ZigBee software please visit www.meshnetics.com.

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**ZigBee: Wireless Control That Simply Works**

The ZigBee Alliance is an association of companies working together to enable reliable, cost effective, low-power, wirelessly networked, monitoring and control products based on an open global standard. The ZigBee Alliance membership comprises technology providers and original equipment manufacturers worldwide. Membership is open to all.

Additional information can be found at www.zigbee.org.

About NTS

National Technical Systems, Inc. is a leading provider of engineering services to the defense, aerospace, telecommunications, automotive and high technology markets. Through a world-wide network of resources, NTS provides full product life-cycle support, offering world class design engineering, compliance, testing, certification, quality registration and program management. For additional information about NTS, visit our website at www.ntscorp.com or call 800-270-2516.

About MeshNetics

MeshNetics makes the industry's highest performance IEEE802.15.4/ZigBee wireless modules with the best-in-class range, longest battery life, and the smallest footprint. MeshNetics is a single source of ZigBee modules, networking software, technical support, and design services. This combination of products and services achieves faster time-to-market and significant cost savings for OEMs and system integrators. MeshNetics products are used to create reliable, self-healing wireless networks that enable solutions in building automation, energy efficiency, HVAC, AMR, predictive maintenance, asset tracking and other application areas. All MeshNetics ZigBee networking software is free to download. For more information, please visit www.meshnetics.com.

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