



**FOR IMMEDIATE RELEASE**

**MeshNetics Unveils ZigBee<sup>®</sup>/Ethernet Gateway at Embedded Systems Conference**  
*MeshNetics Introduces Solution to Bridge ZigBee and IP Networks*

**San Jose, CA – April 4, 2007** - MeshNetics, an award-winning ZigBee technology provider, unveiled its new ZigBee/Ethernet gateway at the Embedded Systems Conference in San Jose, CA, on April 4, 2007. The compact weatherproof gateway serves as a bridge between ZigBee-based Wireless Sensor Networks (WSNs) and IP-based enterprise networks.

"We believe that the ultimate value of wireless sensor networks lies in the data collected from sensors," said Mr. Vasily Suvorov, CEO of MeshNetics. "Our new ZigBee/Ethernet gateway helps transfer data over the IP network, making it readily available to LAN users. The gateway can also be used to connect disparate ZigBee networks via a wired line, thus extending the overall coverage. The ZigBee/Ethernet gateway is another important step in MeshNetics' mission to be the last mile of extended internet."

At the heart of the ZigBee/Ethernet Gateway is the ZigBit 802.15.4/ZigBee module, based on the latest Atmel chipset, which includes the popular ATmega 1281 MCU and the new Atmel AT86RF230 RF transceiver. The AT86RF230 boasts -101dBm of Rx sensitivity and up to +3dBm of Tx power. This combination, called the "link budget," is related to its range of operation. The difference in link budget – just 9 dBm – nearly triples its range. Thanks to its outperforming link budget, the AT86RF230's range is almost 3 times that of its competitors. The ZigBit module packs these impressive characteristics into less than a half square inch of space.

As a provider of both hardware and software, MeshNetics bundles comprehensive commissioning tools with the ZigBit Ethernet Gateway. Users can easily set up the gateway, and start managing the WSN via Ethernet. The WSN and IP network management is done using the set of AT-Commands. The gateway can also double as a WSN coordinator or router. Each ZigBee/Ethernet Gateway includes accessories, software and documentation.

The general availability of the ZigBee/Ethernet gateway is scheduled for the third quarter of 2007. For more information on the ZigBee/Ethernet gateway please contact MeshNetics at [info@meshnetics.com](mailto:info@meshnetics.com), or visit [www.meshnetics.com](http://www.meshnetics.com).

**ZigBee<sup>®</sup>: 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](http://www.zigbee.org).

**About MeshNetics**

MeshNetics is a leading technology provider specializing in 802.15.4/ZigBee short-range wireless sensing and control. MeshNetics helps its partners and customers to accelerate time to market by jointly developing and deploying M2M solutions for building automation, HVAC, automated meter reading, predictive maintenance, transportation, asset tracking, and more. MeshNetics has developed a comprehensive portfolio of products and services that includes 802.15.4/ZigBee OEM module, the ZigBit; the eZeeNet networking stack software; evaluation and development kits; SensiLink middleware; and customization services. MeshNetics bases its long-term strategy on open standards, and is a member of the ZigBee Alliance and OPC Foundation. For more information, please visit [www.meshnetics.com](http://www.meshnetics.com).

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