



Embedded Automation Announces mBee Products

mBee Modules Enable Rapid Deployment of ZigBee Solutions

Surrey, BC – April 30, 2010

Today, Embedded Automation announced the mBee product line. The mBee product line consists of board-level, firmware and software components which enable OEMs to rapidly add ZigBee functionality to their existing applications and future designs.

“Because adding wireless capability to an application can be a significant effort - selecting components, designing antennas, connecting to I/O and integrating software - we developed a set of components which encapsulate the core functionality. By using the mBee module system, wireless functionality, based on the widely-adopted ZigBee standard, becomes a drop-in feature to an OEM’s solution,” said Ted Singh, Business Development Manager of Embedded Automation. “After selecting the mBee board solution best suited to the product application, we provide software mechanisms and engineering services for full application-level integration. We have proven the mBee modules within our mStation design and now are making the mBee system available to our partners, allowing them to get a jumpstart on their product releases.”

- mBee boards are ultra-small, only 300mm², and are available in three variations: header-less (for direct solder to a PCB), with header (to act as a plug-in module) or with a USB connector. All boards feature an on-board antenna and permit direct I/O integration. Board firmware includes support of ZigBee profiles, including Smart Energy and Home Automation.
- For system-level testing or integration with Microsoft Windows™, the mBee .NET-based application programming interface (API) includes access to all protocol layers, including Network, APS, ZDO and ZCL as well as profile support for Smart Energy 1.0. mBee can act as one or multiple SE profile devices. General clusters as required by the standard (Basic, Identify, Alarms, Time, Commissioning, Power Configuration and Key Establishment) are built-in and once commissioned are handled automatically. mBee automatically handles SE security once commissioned using your network keys.

Press Release



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- All mBee systems include a powerful configuration utility for setup, test and commissioning of ZigBee networks.

mBee modules will be available in limited quantities in Q2 2010, with full availability in Q3 2010.

Embedded Automation is a member of the ZigBee Alliance.

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About Embedded Automation

Founded in 1998, Embedded Automation designs, manufactures, and markets solutions for “Digital Home” under the mHome product family. mHome products are available from Embedded Automation and through the mHome Authorized Dealer Network.

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