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## **Sensicast Announces MIND Platform for Unprecedented Speed and Flexibility of Wireless Sensor Development**

*Modular Development Platform Permits OEM Choice of Radio Frequency and Mesh Networking Protocol with Single Development Effort*

**NEEDHAM, MA and CHICAGO, IL - June 6, 2005** - Sensicast Systems, provider of wireless sensor networking products and solutions, today announced its Modular Interchangeable Networking Device (MIND) platform. The platform, unveiled at the Sensors Expo & Conference this week, enables the development of the most flexible wireless mesh networked sensors in the shortest amount of time. The MIND platform helps sensor developers select among a combination of frequencies, sensors, applications, and networking protocols. These choices can be made following a single sensor development effort, enabling multiple products to be simultaneously developed and marketed based on the needs of the market being addressed.

Sensicast's MIND platform is a flexible, extensible platform that permits OEMs to develop a single sensor interface module. This module is then connected to Sensicast radio modules, which are capable of either 900MHz or 2.4GHz operation. They are then utilized either with the recently-released ZigBee protocol, or for a more industrial-strength solution, the SensiNet™ networking protocol. Mesh routing characteristics can also be selected by the OEM.

"This modular development platform not only allows our OEM customers the luxury of a single development effort for multiple products, but it also increases the choices that their customers have in selecting the most appropriate mesh networking system. We believe that a variety of mesh networking architectures will be required to meet the needs of various markets. Sensicast's vision is to provide the most flexible and modular development environment, shortening the development cycle to a few months and enabling a number of products to be released simultaneously," said Peter Stein, vice president of marketing at Sensicast Systems.

Sensicast partners have developed products using the MIND platform for a variety of temperature monitoring applications in the industrial, medical and food industries, as well as analog voltage and current nodes for use in building and industrial automation. More devices are in process for enabling wireless serial ports and certain chemical agent monitoring applications.

"We have already developed a number of products on the MIND platform and will continuously introduce new products each quarter," said Don Wiencek, president of B&B Electronics. "We are excited about the opportunity to offer a wide variety of products to our customers and, with little additional investment, expand that offering to include multiple frequencies and networking stacks to cover needs from the lightweight to industrial-grade. The platform permits us to easily address customers

with varying requirements in our markets ranging from industrial automation to building controls.”

Wireless sensor developers can begin development with the MIND platform by purchasing a Sensicast OEM Development Kit for \$4,995. The kit includes everything required to develop a complete wireless mesh solution, including development break-out boards with sample embedded application software, radio modules, comprehensive hardware documentation, the SensiMesh Gateway Software, a published Application Programming Interface (API) to the Gateway for custom applications and a sample user interface application for quick and easy development.

All products developed with the MIND Platform are fully supported by Sensicast’s SensiMesh® Gateway and Server software. The SensiMesh Software provides for superior network monitoring and management functions, regardless of the underlying wireless mesh networking protocol deployed. Additionally, SensiMesh provides for the easiest way to integrate with existing automation systems through standard, well-known interfaces.

Sensicast is at booth 357 at Sensors Expo in Chicago. For more information, contact Peter Stein at 781/453-2555 x202 or [sales@sensicast.com](mailto:sales@sensicast.com)

#### **About Sensicast**

Founded in 2002, Sensicast ([www.sensicast.com](http://www.sensicast.com)) provides complete wireless sensor networks to a wide range of industries. At the core of Sensicast’s sensing solutions is the comprehensive Sensicast Modular Interchangeable Networking Device (MIND) platform. Utilizing the SensiNet™ mesh networking protocol and SensiMesh® gateway server software, Sensicast’s MIND Platform provides the simplest, most cost-effective way to develop and deploy reliable network solutions for intelligent wireless monitoring. Sensicast is focused on providing complete solutions for system integrators and a development platform for original equipment manufacturers. Sensicast is a privately held company with Ardesta, LLC as its primary investor.

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