

## Press Release

### euromicron committed to smart building communications standard

#### Subsidiary Microsens is a new member of the IP500® Alliance

**Frankfurt/Main, Hamm – November 3, 2015** – *euromicron AG aims to promote a single smart building communications standard and, to underscore this commitment, has joined the IP500® Alliance with its subsidiary Microsens GmbH & Co. KG. Microsens will equip its decentralized micro access points with IP500 wireless modules and so support the establishment and wider use of IP500 wireless networks. These integrate all building automation components and so ensure interoperability, in particular among security-related applications.*

euromicron AG, an all-round solution provider for communications, transport, data and security networks, has joined the IP500 Alliance with its subsidiary Microsens GmbH & Co. KG. The industry initiative, which was founded in 2007, brings together more than 30 prestigious vendors of smart building solutions and, in many years of work, has developed a platform that enables all building automation components to be integrated in a wireless communications network. Based on internationally recognized standards such as IEEE 802.15.4, IPv6, 6LowPAN, IPsec, BACnet and AES128, IP500 networks guarantee seamless interoperability between different security-related applications, such as fire alarms, alerting, video surveillance or access control. The platform is available to all members of the IP500 Alliance as a turnkey solution and can be integrated in existing products in the form of special wireless modules.

The euromicron subsidiary Microsens, one of the leading German specialists for fiber-optic network technology, will equip its decentralized micro access points with these IP500 wireless modules. These access points are operated in conjunction with an intelligent Microsens micro switch and can be administered using a central network management platform (NMP). The result is WLAN access points that enable stable connection of all smart building components to the overarching wireless network infrastructure. By implementing the platform, Microsens is promoting wider use of IP500 networks and so helping to establish a single communications standard in the field of smart building solutions.

“As one of the leading German system integrators, we see great potential in establishing this overarching communications platform,” is the reason given by euromicron Executive Board member Jürgen Hansjosten for why the group’s subsidiary Microsens has joined the IP500 Alliance. “Such a platform is vital to ensure that all smart building components interact seamlessly. For example, the IP500 standard enables possible gaps in the connection in wireless networks for low-power sensors to be systematically avoided.”

“This move by euromicron means we now have a big player among the system integrators in our alliance,” was how Helmut Adamski, CEO & Chairman of the IP500 Alliance, welcomed the decision by euromicron’s subsidiary Microsens to join. “euromicron mainly has its sights set on smart building solutions for office buildings and industrial environments. And that’s precisely the focus of the IP500 Alliance.”

**About euromicron:**

euromicron AG ([www.euromicron.de](http://www.euromicron.de)) is an all-round solution provider for communications, transport, data and security networks. euromicron’s network infrastructures integrate voice, video and data transport wirelessly, via copper cable and by means of fiber-optic technologies. euromicron builds leading applications, such as security, control, healthcare or surveillance systems, on the basis of these cutting-edge network infrastructures. Founded on its expertise as a developer and producer of fiber-optic components, euromicron AG is a strongly growing, highly profitable group that is listed on the stock market, has a medium-sized character and focuses on operational growth, integration and further market penetration, internationalization and expansion.

**About MICROSENS:**

MICROSENS GmbH & Co. KG ([www.microsens.de](http://www.microsens.de)) has stood for fiber-optic solutions since 1993. As one of the pioneers of fiber-optic transmission systems, the international company caters for all areas of fiber-optic technology. From solutions for future-proof office networking and high availability in harsh environments, the product range extends to large-scale location networking and linking of data centers to high-performance wide area networks. MICROSENS ensures efficient, high-speed and secure data transfer in all these application areas. MICROSENS is an internationally successful manufacturer which distributes its products worldwide. Apart from its headquarters in Hamm, Westphalia, MICROSENS has sales offices in France and Poland so as to meet the differentiated requirements of local customers ideally.

**About the IP500 Alliance:**

The IP500® Alliance ([www.ip500.org](http://www.ip500.org)) is an international industry Association launched by leading manufacturers (OEMs), users and operators. It has set itself the target of jointly defining, developing, and providing a secure and vendor-neutral wireless communication platform for smart sensing devices for building, home as well as city applications. The new IP500® platform will thereby fulfill all of the technical requirements for secure, interoperable and cross-disciplinary networking of smart devices according to worldwide standards, like IPv6 / 6LowPAN (IETF) and 802.15.4 (IEEE). Today the IP500 Alliance has global OEMs as active members setting the international wireless Standard for smart Security & Safety devices in IoT 3.0 applications.

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