

## **Light + Building: MICROSENS presents IP-based Smart Office concept**

### **Products and scenarios for state-of-the-art, efficient building management**

**Hamm, 11 February 2016** – Smart building technology is one of the core topics at this year's Light + Building trade fair in Frankfurt/Main (March 13 through 18, 2016). Smart building functionalities ensure greater security, energy efficiency, ergonomics and cost-effectiveness in modern buildings. The basic condition for them is a powerful all-round concept that unites the various building automation systems in an efficient and user-friendly way. Visitors can experience the "Smart Office Solution" for state-of-the-art, efficient building management in action at the MICROSENS stand (E52) in Hall 9.

MICROSENS' decentralized Smart Office concept brings network intelligence to the application's direct vicinity and so creates an unprecedented level of performance and security. Based completely on IP, the concept uses standard IT cabling infrastructure that exists in every office building and so offers an open, standards-compliant solution. The sensors, actuators and system management communicate via secure, encrypted IP network protocols. The Smart Office Concept uses the existing IP network with Power over Ethernet, both for controlling the devices and for supplying them with power. As a result, even lighting with energy-efficient LEDs can be fully integrated in the all-round concept. The Smart Office concept can be scaled and expanded as desired. Existing rooms can be integrated gradually and depending on needs. That enables gentle migration to state-of-the-art building management.

Apps – small software components such as are familiar from the smartphone – replace with Smart Office the need for time-consuming and complex programming. Users can tailor their workplace to their individual requirements. The building technology is enabled on a user-specific basis and tracked in a fully automated manner, which thus offers completely new possibilities as regards, security, convenience and cost-effectiveness.

You can find this press release along with background information and high-resolution images at: [www.microsens.de](http://www.microsens.de)

### **About MICROSENS**

Since 1993, MICROSENS GmbH & Co. KG has been standing for fiber optic solutions. As one of the pioneers of fiber optic transmission systems, the internationally active company covers all performance sectors of fiber optic technology. Starting with solutions for future-proof office networking and high-availability in rough environments, the product portfolio ranges from large-scale site networking and interconnection of computing centers up to high-performance Wide Area Networks (WANs). In all these fields of application, MICROSENS provides and ensures efficient, fast, and secure data transfer. As an internationally successful manufacturer, MICROSENS distributes its products on a worldwide scale. In addition to the company headquarters in Hamm in Westphalia (Germany), MICROSENS also has sales

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subsidiaries in France and Poland to optimally fulfil the diverse requirements of its customers on-site.

**About euromicron**

euromicron AG is an all-in solution provider for communications, transmission, data and security networks. The network infrastructures of euromicron integrate voice, image and data transfer in wireless mode, via copper cabling, and by means of fiber optic technology. euromicron develops its market-leading applications, such as security, control, health care or surveillance systems, on the basis of these future-safe network infrastructures.

Based on the competence as a developer and manufacturer of fiber optic components, euromicron AG constitutes a company group with a strong growth and revenue potential. The company is listed at the stock exchange and is marked by its nature as a medium-sized enterprise. It focuses on operative growth, integration, as well as on market penetration, internationalisation, and expansion. Further information at [www.euromicron.de](http://www.euromicron.de)

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