

## **MICROSENS enters strategic partnership with Avaya - micro-switches as control centres for the Smart Building technology**

**Hamm, May 12, 2016 – The euromicron subsidiary MICROSENS has entered a strategic partnership with Avaya, a leading global provider of business communication software, systems, and services.**

The combination of the Smart Switching technology produced by the euromicron subsidiary MICROSENS and the market-leading network infrastructure solutions offered by Avaya allows the setup of intelligent, scalable, and highly functional building networks, including the complete integration of the building automation.

Jürgen Hansjosten, member of the management board of euromicron AG: "For the euromicron group, the strategic partnership of MICROSENS and Avaya constitutes a high-performance combination, enabling us to further establish ourselves in the market for intelligent building technology."

In the world of work and automation processes of today, technical systems are advancing increasingly towards IP technology. In the meantime, admission control, time stamping, heating/ventilation, conference technology, lift control systems, and lighting installations are now equipped with an IP connection in addition to telephony and cameras. The term 'Internet of Things' or IoT covers all these components, which are closely networked and additionally interact with each other automatically.

The integration of the micro-switches from MICROSENS into the open Avaya SDN Fx architecture makes it possible to connect applications, devices, and users to any part of the network in a secure and error-free way without major configuration efforts. SDN Fx is based on the innovative Avaya Fabric Connect principle and offers a new form of network automation and simplified programmability in modern building networks.

In addition to these functions, the Smart Switching technology by MICROSENS takes over comprehensive functions of building automation and displays the control centre in the Smart Office. This makes it possible, for instance, to automate office or conference rooms and configure them user-dependently with regard to the environmental temperature, light intensity, or colour of the light. Network accesses is only enabled after successful authentication. Conference rooms can be assigned automatically, unused sections of buildings can be switched into power-saving mode. The integration of numerous sensors and actors into the building automation network offers an abundance of new

## **PRESS RELEASE**

Contact:

**MICROSENS GmbH & Co.KG**  
Phone +49 (0) 2381/9452-0  
Fax +49 (0) 2381/9452-100  
[info@microsens.de](mailto:info@microsens.de)

**Jessica Theyssen**  
Marketing Communications  
Manager  
Phone +49 (0) 2381/9452-242  
[marketing@microsens.de](mailto:marketing@microsens.de)

functions, which gives rise to considerable cost savings in addition to high convenience.

The combination of MICROSENS micro-switches and Avaya SDN Fx presents a unique, secure, and high-performance network solution for building automation and constitutes a basis for our concept of intelligent building technology. The seamless interaction of all components permits a more productive and agile business environment with a high degree of automation and guarantees the user maximum energy and cost savings. This strategic partnership now provides us with a technology of the next generation, which combines the best features of both the Ethernet and IP world.

Jürgen Hansjosten, member of the management board of euromicron AG: "Our partnership provides the framework for a very effective Smart Building solution and the entry into a worldwide market. Our solution offers a wide range of innovative features, which differ significantly from the offers of other providers. We are glad to have found a strong partner in Avaya, together with whom we can exploit the options offered on the market for intelligent buildings and further expand them."

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

**About euromicron:**

As a company group, euromicron AG ([www.euromicron.de](http://www.euromicron.de)) combines medium-scale high-tech companies from the sectors of digitalized buildings, critical infrastructure, and Industry 4.0. As a German specialist for the Internet of Things, euromicron enable their customers to network business and production processes and to successfully venture the path to a digital future. From the design and implementation over the operation up to combined services, euromicron implement customer-specific solutions and, thus, provide the necessary IT, network and security infrastructures. In this way, euromicron enable their customers to migrate the existing infrastructures to the digital age in a stepwise mode. The expertise of euromicron supports the customers of the company in increasing their flexibility and efficiency as well as in the development of new business models which set the cornerstone for the corporate success of tomorrow. The technology corporation, which has been registered at the stock market since 1998 and has its headquarters in Frankfurt am Main, employs approximately 1,800 employees at 30 company sites. The euromicron group includes 14 subsidiaries in total, among them the brands Elabo, LWL-Sachsenkabel, MICROSENS, and telent. In the business years 2015, euromicron AG achieved a total turnover of 345 million Euros.