

## Press Release

### **euromicron enables secure high-speed data transfer for Barmenia Versicherungen**

#### **Implementation of high-performance fiber-optic infrastructure components**

*As broadband needs grow, so do the requirements demanded of the digital infrastructure. As an experienced network specialist, the euromicron Group delivers precisely tailored solutions in this field. For example, the subsidiaries MICROSENS and euromicron Deutschland recently modernized fiber-optic routes for transmitting highly sensitive data for the insurance company Barmenia.*

**Frankfurt/Main / Hamm / Neu-Isenburg, April 11, 2017** – Enterprises need a reliable and powerful fiber-optic infrastructure to be able to transport their data quickly and securely. The euromicron Group unites extensive expert know-how in the field of fiber optics and leverages it to create innovative, customized network solutions for successfully accomplishing the digital transformation. The euromicron subsidiaries MICROSENS and euromicron Deutschland recently implemented high-performance infrastructure components that enable secure high-speed data transfer for the Wuppertal-based Barmenia Versicherungen, one of Germany's largest insurance companies. This new installation had become necessary because the previous infrastructure was outdated and could no longer cope with growing bandwidth needs. The modernization measures were implemented on two exclusively leased fiber-optic links connecting an external data center with Barmenia's headquarters in Wuppertal.

As part of the project, technicians from euromicron Deutschland replaced the existing wavelength division multiplexing system with the multiplexing platform MSP 1000 from MICROSENS. The modular system enables transmission capacities of several 100 Gigabit/s and so fully meets Barmenia's high bandwidth requirements. Since just under 50 percent of the company's Internet traffic is also handled over the two fiber-optic links, an optical early-warning system was also installed to protect the highly sensitive data: the MICROSENS Optical Power Monitor. The device monitors the optical power on the optical fibers and makes manipulation attempts and damage visible right away.

After the project had been completed, Dr. Uwe Fasting, Head of the Infrastructure and Architecture Management department at Barmenia, was highly satisfied: "The rapid response and competent support from euromicron Deutschland and MICROSENS was outstanding and truly inspired us. The switchover was made in a very short time and without any hitches whatsoever. We therefore feel sure that we'll be given excellent support at all times."

“The project is a fine example of what synergy effects can be produced by collaboration between euromicron’s subsidiaries,” emphasizes Jürgen Hansjosten from euromicron’s Executive Board. “Our group’s combined expertise ensures projects go smoothly and creates genuine value added for customers at all levels – from planning, supply of the network components to system integration. Thanks to this extensive solution portfolio, we can respond to all requirements flexibly and efficiently and also accomplish complex customized solutions in a very short space of time.”

Photo: The optical transport platform MSP 1000 from MICROSENS



#### **About euromicron AG:**

euromicron AG ([www.euromicron.de](http://www.euromicron.de)) is a group that unites medium-sized high-tech companies from the fields of Digital Buildings, the Smart Factory and Critical Infrastructures. As a German specialist for the Internet of Things, euromicron enables its customers to network business and production processes and successfully move to a digital future. From design and implementation, operation, to related services – euromicron implements customized solutions and creates the IT, network and security infrastructures required for them. As a result, euromicron lets its customers migrate existing infrastructures gradually to the digital age. euromicron’s expertise helps the company’s customers increase their agility and efficiency, as well as develop new business models that lay the foundation for commercial success down the road. The technology group is headquartered in Frankfurt/Main, has been listed on the stock exchange since 1998 and employs around 1,800 people at 32 locations. The euromicron Group comprises a total of 17 subsidiaries, including the brand names Elabo, LWL-Sachsenkabel, MICROSENS and telent. euromicron AG generated total sales of €325.3 million in fiscal year 2016.

#### **About MICROSENS:**

MICROSENS GmbH & Co. KG ([www.microsens.de](http://www.microsens.de)) has stood for fiber-optic solutions since 1983. 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 euromicron Deutschland:**

euromicron Deutschland GmbH ([www.euromicron-deutschland.de](http://www.euromicron-deutschland.de)) is a subsidiary of euromicron AG. With its headquarters in Neu-Isenburg and a comprehensive, nationwide network of branch offices, it is one of the leading German system houses in the future market of the Internet of Things. Its business focuses on cross-industry all-round solutions in the field of Smart Building solutions from the fields of networks, IT security, security systems and smart services. Its customers include well-known European carriers and utilities, private enterprises from the fields of transportation and logistics, public enterprises and authorities, institutions and establishments in the healthcare sector, banks and insurance companies.

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