Gigabit internal bridging converter offers an alternative to FO network cards

PRESS RELEASE

Hamm, 23. November 2015 – A new, internal gigabit media converter from MICROSENS GmbH & Co. KG enables simple and fast connection of standard and industrial PCs, as well as thin clients, to optical fiber networks. The converter card is installed directly in an extension slot and is connected with the computer's existing network connection via a short twisted-pair cable. In contrast to the installation of special fiber optic cards, drivers neither need to be installed, nor software systems reconfigured. Installation is purely mechanical. This "soft" migration to fiber optics through to the terminal device saves a great deal of time, especially in retrofitting large networks.

The gigabit bridging converter is available both for standard and industrial PCs with conventional slots, as well as for devices with low-profile slots. Terminal devices delivered with a copper-based on-board network card can thus be upgraded for optical fiber networks without major installation efforts. The solution is suitable for public administrations and authorities, also for all users deciding for in-house cabling based on fiber optics. This means the Fiber To The Desk concept can be realised in a simple way, as the network signal is converted from copper to fiber optics on a purely physical basis.

The advantages of glass fiber optic cabling, such as immunity to interference of the connection and coverage of long distances, are easy to exploit in the industrial environment too. The electrical supply of the converter is either achieved through the ATX power supply, via the internal UBS connection or using PCI Express. The glass fiber interface is realised with pluggable (SFP) transceivers available in different variants for multimode or monomode fibers.

You can find this press release along with background information and high-resolution images at: www.microsens.de

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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 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