MICROSENS: News for CeBIT 2007

Upgrading to Power-over-Ethernet and Protecting Investments

PRESS INFO

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Injectors for the supply of Power-over-Ethernet

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The IP protocol is future and the integrated power supply for this is called Power-over-Ethernet (PoE). Ever since standard IEEE Std 802 3af™ was adopted four years ago, PoE is about to change the world of network and communications technology absolutely. An increasing number of manufacturers of communications equipment support the power supply of their devices via the data ports.

Conversion of existing data networks to PoE does not necessarily have to be associated with an investment in PoE switches. MICROSENS offers the possibility of simple upgrading by means of the new 24-Port-PoE- Injector. Thereby the power injector is arranged between the existing edge switches and patch panels on the central side taking over the power supply compliant with IEEE 802.3af (PoE).

The installation of the high-capacity 24-Port-PoE -Injector is realized in the simplified plug-and-play manner. A powerful internal 400 W power pack with 230 VAC input enables the device feed the maximum power of 15.4 W per port to each of the 24 ports as specified by the IEEE standard. Nevertheless it has been designed extremely compact with its 1 U height

Furthermore, the PoE-Injector provides the possibility of a redundant power supply. This is a clear advantage for the IP-telephony. Optional this power pack incorporates integrated UPS functions that ensure maximum availability even for challenging IT applications. Moreover, the battery capacity can be enhanced by using external battery cells.

The PoE-Injector enables extensive management functionalities and the access is possible via Telnet, Web or SNMP at choice. Detailed information and configuration options are available up to the redundant power pack. Furthermore, monitoring of the respective power consumption of the connected terminal equipment is ensured via the management. PoE devices may be switched on and off or also simply restarted remotely. You will In the event of a fault messaging occurs via SNMP trap or email.

Alternatively, supply is also possible via an 1-Port-PoE-Injector aside from this 24 port version. This version is deployed wherever PoE is needed selectively only. Both versions generally allow supplying Ethernet devices with power and data via only one cable over a distance of up to 100 m. MICROSENS offers a complete migration concept for using already installed equipment together with the already existing PoE devices for the workplace such as PoE-Switches and PoE-Bridges. Completed is this portfolio with a PoE-Splitter which enables the connection of non PoE compatible devices such as web cams or legacy network equipment.

This press release, background information as well as high resolution photo materials can be found at:

www.microsens.com **Newslink: 820179**

Company profile

MICROSENS is a world leader in production of fiber optic data transmission systems. The companies' expertise covers all applications using fiber optics, ranging from local area networks (LAN), via access networks right up to industrial and metro networks (MAN).

Heavy investments into the latest manufacturing equipment together with most advanced technology guarantee leading edge solutions. MICROSENS offers creative solutions using high quality components in order to meet customer requirements at the highest level in an application orientated and cost effective way.

Since its foundation in 1993, MICROSENS, which is based in Hamm, Westphalia (Germany), has concentrated with increasing success on the development and production of active components for data communication networks.

MICROSENS sells its solutions worldwide via the headquarters and the representative sales offices in France, Poland and Singapore. The product range is sold and supported locally by certified Sales Partners. All delivered products meet international regulations and standards, such as Gigabit Ethernet, SONET/SDH, Fibre Channel etc..

The tremendous growth of the company leads to an international awareness as a manufacturer of active fiber optic systems. Due to the fact that MICROSENS has its own production facilities orders can be processed quickly and efficiently according to the customers requirements.

In autumn 2006 a further step for the future success was made. Due to the investment of the new main shareholder MICROSENS now belongs to the fast growing and high profitable **euromicron group**, which has a focus on networking and fiber optic technology with its several investments in the IT industry.