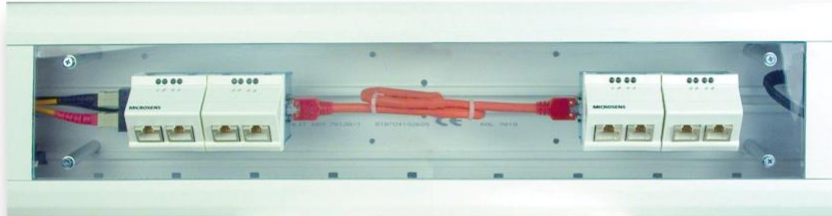MICROSENS expands product portfolio for Enterprise Networks

6 Port Fast Ethernet Installation Switch for higher port numbers

Press-INFO

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With the success of the VoIP telephony the demand for more network ports in the office side is generated. The existing ports are not sufficient to connect all devices from one working place, e.g. computers, printers and telephones, especially since there are often two ore more work places located in one office room.

For these applications MICROSENS presents an extended version of the Fast Ethernet Installation Switch with one additional twisted pair port at the autumn exhibitions. The main feature is the Power-over-Ethernet (PoE) functionality according IEEE802.3af, which is possible on all five twisted pair ports (10/100Base-TX auto negotiation) simultaneous.

Thus all connected devices can be supplied with data and electrical power (PSE = Power Source Equipment). Network extensions with a Wireless Access Point or cascading additional switches are easily possible. The maximum power of 15.4 W for each port allows the powering of the end devices such as IP telephones, Access Points, IP cameras and so on.

For the connection to the central network node the installation switch has an integrated fiber port (100Base-FX), optionally with multimode or single mode fiber interface. With an extended version it is possible to have this uplink port also with twisted pair interface (10/100Base-TX). Then it is possible to supply the switch over this twisted pair port with power (PD = Powered Device).

The switch operates with the store-and-forward technology, where the switching matrix is designed that even with maximum utilisation the maximum speed is possible (non blocking). Functions such as data prioritisation (QoS) and VLANs according IEEE 802.3p/Q are integrated into the switch.

The new management generation supports features like Power-Management, port and packet counter and authentication according IEEE 802.1x. The management can be accessed via SNMP, Telnet, web based, SNMP/Trap and the MICROSENS Device Manager Software.

With the tool less snap in mounting the installation of this switch is fast and simple. This is the most compact system of the world and offers compatibility to almost all kind of cable trunk systems. Also for the sub floor installation this switch is ideal because of its small dimensions. For optimised cabling there are horizontal and vertical versions available.

This new installation switch is part of a wide range of Fiber To The Office products and especially because of the integrated PoE function the field of applications is very large. The additional twisted pair port gives the option for expanding the network. Beside this installation version the switch is also available in a desktop version (Mini Switch).

This press release, background information and high resolution images are available under:

www.microsens.com   **Newslink: 820165**

Short Company Description:

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.