MICROSENS
fiber optic solutions
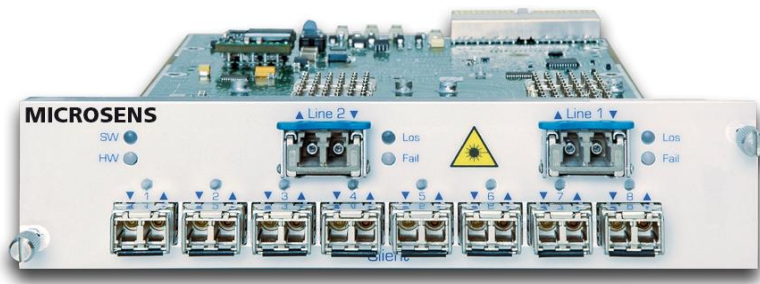a company of the euromicron group

New aggregation module for 10G Transport Platform

MICROSENS introduces Gigabit aggregation module for 10G system

Press INFO

8-channel Gigabit TDM-multiplexer for 10G Transport Platform

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MICROSENS introduces a new aggregation module for 10G Transport Platform, a high performance and flexible carrier-class transmission system. The new module permits the aggregation and transport of up to 8 data client ports (GbE, GFC) onto a 10 Gb/s signal. Thus it enables much more effective xWDM multiplexing and saving the optical channel capacities.

Local interfaces come in a form of SFP slots while line interface can be XFP or FFI (Fixed Fiber Interface) port. Local interfaces support Gigabit Ethernet and Fibre Channel. Line interface can operate with the rate of 10GE or OC-192/STM-64. All interfaces fully support digital diagnostic features.

For critical application the module can be equipped with line protection port (1+1). In this case the module will automatically switch to the alternative connection whenever the primary line is not available.

The module is suitable for short- and longhaul applications (up to 250km without inline amplifiers, up to 700km with amplification) and can be used in CWDM and DWDM networks. Optionally FEC (Forward Error Correction) is possible.

Apart from simple point-to-point connections it can be used in more complex add/drop (daisy chained) configurations (f.ex. for DSLAMs backhauling).

The module is 2 slots wide and can be installed in all chassis of MICROSENS 10G Platform: 2HU - enabling installing of up to 2 double size modules and 6HU - enabling installing of up to 9 double size modules.

Operations and management of the module is provided by HTTP, TELNET (CLI) and SNMP protocols. Inband management feature is implemented for remote monitoring and configuration of the nodes.

This press release, background information and high-resolutions images can be found at:

[**www.microsens.com**](http://www.microsens.com)   **Newslink: 820196**

MICROSENS exhibits:

- Hannover Messe Industry
  16. – 20. April 2007
  Hall 9, Booth A 43

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.