

## Easy entry into optical transport networks: Microsens presents its modular MSP 1000 platform

**05 March 2013 Hamm – Microsens now offers a cost-efficient means of establishing future-oriented optical transport networks. The German company presents the MSP 1000 platform based on CWDM/DWDM technology for this purpose. The centrepiece of the modular system is a 4-U chassis that can be equipped with a broad range of function modules. Telecommunication providers, computing center operators and companies with large networks can, thus, establish up to 22 transmission channels in one chassis. This allows them to flexibly and quickly adapt the capacities and options of utilization of their backbone connections to new demands.**

### **Individually configurable**

The chassis of the MSP 1000 platform accommodates up to fourteen application modules, all of which are accessible from the front of the chassis and can be exchanged during ongoing operation. Microsens offers a wide range of active and passive components, including 1-channel or 2-channel transponders, optical amplifiers, as well as multiplexers in CWDM and DWDM technology. Various service protocols with data rates from 100 Mbps to 10 Gbps can be transmitted, e.g. Fast Ethernet, ESCON, ATM OC-12/OC-48, 1/2/4/10G Fibre Channel, SDH STM-1/4/16 or also Gigabit and 10G Ethernet. Pluggable XFP, SFP or SFP+ transceivers ensure additional flexibility with the transponder modules. A stacking module allows several chassis to be combined to form a logical system. Depending on the application area, a redundant power supply in AC/DC or also in mixed voltage operation is possible. The network management module of the MSP 1000 platform includes an intelligent Web server and provides the operating parameters and configuration settings for all modules to the Microsens NMP management software or to a superordinate network management system via SNMP.

### **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-safe office networking and high-availability in rough environments, the product portfolio ranges over 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 ([www.euromicron.de](http://www.euromicron.de)) is an all-round solution provider for communications, transport, data and security. euromicron's network infrastructures integrate voice, video and data transport wirelessly, via copper cable and by means of fiber-optic technologies. euromicron builds its leading applications, such as security, control, healthcare or surveillance systems, on the basis of these cutting-edge network infrastructures. Founded on its expertise as a developer and producer of fiber-optic components, euromicron AG is a strongly growing, highly profitable group that is listed on the stock market, has a medium-sized character and focuses on operational growth, integration and further market penetration, internationalization and expansion.

You can find this press release along with background information and high-resolution images under: [www.microsens.com](http://www.microsens.com)

## **PRESS RELEASE**

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