Light + Building 2016

MICROSENS Presents the Core Component of the Special Exhibition Digital Building

Hamm, March 18, 2016 - Today, the Light + Building 2016 trade fair has come to an end. The special exhibition "Digital Building" was a highlight for the visitors. The core component of this exhibition was provided by MICROSENS. The IP infrastructure specialist additionally presented its intelligent lighting concept – Smart Lighting.

For six days, the trade fair presented the latest technologies, trends, and products and how these can be integrated into Smart Building concepts. A highlight of the event was the special exhibition "Digital Building". In a separate pavilion, the visitors were able to experience digitalization in the building by means of innovative automation technologies. In changing scenarios, they could convince themselves of the smooth interaction of the technologies in live mode.

MICROSENS laid the foundation for this: The euromicron subsidiary provided the necessary systems for the setup of a highly flexible communication network on the basis of Ethernet/BACnet/TCP-IP. This technology entails the benefit that all elements installed in the building, such as video-surveillance systems, fire alarm boxes, elevator systems, blinds, lighting, or heating systems, can be addressed, controlled, and integrated as required. "IP data networks exist in every working environment. Why should the building automation not simply be connected to the existing network in a decentralized manner? Automatisms serve to achieve cost saving potentials, reduce operating costs, and to considerably increase user convenience at the same time," states MICROSENS co-founder Thomas Kwaterski when explaining the central customer benefits.

At their own booth, MICROSENS also presented the integration of building automation into IP networks, including the innovative lighting solution Smart Lighting. The LED lamps are powered over the network data cable via Power-over-Ethernet. Special Smart Lighting controllers integrate the lighting completely into the network infrastructure. The lighting is controlled via decentralized switches which run small control programs. With the help of these apps it is not only possible to control Smart Lighting, but also to implement complex building automation applications over the network. A super-ordinated software platform allows the user to configure and monitor all system components. Statistics as the basis for efficient room and resource management additionally provide valuable information on the allocation of rooms and energy consumption.

PRESS RELEASE

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For further information, please see the website of the vendor at www.microsens.com.

Press photographs are available on the Website of Light & Building.

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:

Die euromicron AG (www.euromicron.de) vereint als Gruppe mittelständische Hightech-Unternehmen aus den Bereichen Digitalisierte Gebäude, Kritische Infrastrukturen und Industrie 4.0. Als deutscher Spezialist für das Internet der Dinge versetzt euromicron ihre Kunden in die Lage, Geschäfts- und Produktionsprozesse zu vernetzen und den Weg in die digitale Zukunft erfolgreich zu gehen. Von der Konzeption und Implementierung über den Betrieb bis hin zu verbundenen Serviceleistungen realisiert euromicron kundenspezifische Lösungen und schafft die dafür notwendigen IT-, Netzwerk- und Sicherheitsinfrastrukturen. So ermöglicht euromicron ihren Kunden vorhandene Infrastrukturen schrittweise in das digitale Zeitalter zu migrieren. Die Expertise von euromicron unterstützt die Kunden des Unternehmens dabei, Flexibilität und Effizienz zu steigern sowie neue Geschäftsmodelle zu entwickeln, die den Grundstein für den Unternehmenserfolg von morgen legen. Der seit 1998 börsennotierte Technologie-Konzern mit Hauptsitz in Frankfurt am Main beschäftigt rund 1.800 Mitarbeiter an 30 Standorten. Zur euromicron Gruppe gehören insgesamt 14 Tochterunternehmen, darunter die Marken Elabo, LWL-Sachsenkabel, MICROSENS und telent. Im Geschäftsjahr 2015 erwartet die euromicron AG einen Gesamtumsatz von etwa 345 Millionen Euro.
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