

Press release

euromicron implements intelligent building technology at Coreum - World of Construction Machinery

The operating company praises sovereign mastery of the shortened schedule

The Coreum - World of Construction Machinery, of the Kiesel group which opened in October 2018 was equipped by euromicron Deutschland GmbH with state-of-the-art network and safety engineering. In all three buildings of the campus, the IoT specialist installed high-quality network infrastructure components, IP video cameras and IT security solutions. Even a shortening of the schedule by several weeks couldn't jeopardise the project.

Frankfurt/Main / Neu-Isenburg, December 6, 2018 – euromicron Deutschland GmbH, one of Germany's leading system houses in the future market of the Internet of Things, has equipped the Coreum - World of Construction Machinery, with state-of-the-art network and safety engineering. The Coreum campus, which opened in October 2018, is designed as a centre for exhibitions, trainings and conferences and was constructed on a 160,000 m² area in Stockstadt near Frankfurt/Main, Germany.

Centrepiece is a forum, which houses congress and meeting rooms including gastronomy and an indoor digging space and the technical service centre of the Kiesel group. Furthermore, the Coreum encompasses a factory building, a logistics center and a 80,000 m² outdoor construction machine park with demo-construction sites. Whereas the storehouse came into existence already in 2012, the forum and the factory building were completed in 2018. In these newly industrial building, euromicron installed a complete fibre optic network infrastructure between the engineering rooms and beyond a data network with copper cabling, fibre optic routes, server racks and Wi-Fi access points. Among all campus buildings including the storehouse, fibre optic links together with active network components were established. Moreover, top-quality IP video surveillance cameras were installed in the new buildings and linked into the network. State-of-the-art firewalls see to the required IT safety on campus and they enable a sophisticated management of access rights. The order volume is a six-figure amount.

The network and safety solution realized in the Coreum is based on the cloud-based Cisco Meraki architecture, which distinguishes itself by intuitive usability and which allows the centralized appliance and administration of company networks via dashboard. As Cisco Gold Partner and an official Cisco Meraki Partner, euromicron Deutschland provides the solution as a Managed Service for an all-inclusive price.

Users receive a turn-key network platform in which all the required network tools and management applications are integrated. In the Coreum, these are 24 access and core-switches, 52 Wi-Fi access points, 28 security cameras and 2 firewall gateways. The all-inclusive price includes service and support, and updates with new features in the ongoing operation.

The biggest challenge of the Coreum project was the shortening of the schedule: caused by the 60 year anniversary of the Kiesel group the originally planned opening date of the World of Construction Machinery was preponed by several weeks. This task was mastered competently by the euromicron specialists and to the fullest satisfaction of the client: "All installation work was performed in a highly professional manner, the immediate operational readiness and complete functionality of all lots by euromicron was impressive", emphasizes Björn Hickmann, general manager of the Coreum GmbH. "The implementation of the IT infrastructure of the World of Construction Machinery had commanded our respect previously; all the more the fast and secure execution convinced us. Currently we are having conversations about a continuation of the collaboration in the area of construction and digitisation."

„With the infrastructure of network and safety engineering of the Coreum - World of Construction Machinery, euromicron Deutschland proved itself again as a reliable system integrator for holistic solutions in the field of Smart Building technologies, which can master the most challenging project tasks even when pressed for time." sums up Bettina Meyer, Spokeswoman of the Executive Board of euromicron AG. "We will gladly support the Kiesel company group in the future in their further expansion with our know-how in the area of Digital Buildings".



Photo 1: The bird's eye view of the Coreum, world of construction machines (© Coreum GmbH)



Photo 2: One of the highlights of the exhibition, training and conference centre is without doubt the indoor digging space in the forum (© Coreum GmbH)



Photo 3: The 80,000 m² outdoor construction machine park with demo-construction sites makes the fascination of construction machines tangible (© Coreum GmbH)

About euromicron:

euromicron AG (www.euromicron.de) is a medium-sized technology group that unites 16 companies from the fields of Digital Buildings, Smart Industry, Critical Infrastructures and Smart Services. Rooted in Germany, euromicron operates internationally with its around 1,800 employees at 30 locations. Backed by its expertise in sensor systems, terminal devices, infrastructures, platforms, software and services, euromicron is able to offer its customers end-to-end solutions from a single source. As a result, euromicron helps small and medium-sized enterprises, large companies and public-sector organizations enhance their agility and efficiency, prevent security risks and develop new business models. As a German specialist for the Internet of Things (IoT), euromicron enables its customers to network business and production processes and successfully achieve digitization.

Social media profiles and RSS feeds: www.euromicron.de/aktuelles/social-media

**About euromicron Deutschland:**

euromicron Deutschland GmbH (www.euromicron-deutschland.de) is a subsidiary of euromicron AG. With its headquarters in Neu-Isenburg and a comprehensive, nationwide network of branch offices, it is one of the leading German system houses in the future market of the Internet of Things. Its business focuses on cross-industry all-round solutions in the field of Smart Building solutions from the fields of networks, communication, IT security, security systems and smart services. Its customers include well-known European carriers and utilities, private enterprises from the fields of transportation and logistics, public enterprises and authorities, institutions and establishments in the healthcare sector, banks and insurance companies.

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