

Press Release

euromicron's subsidiary telent supplies system technology for the high-speed fiber-optic network of Stadtwerke Münster

Fiber to the home with high-performance Huawei system technology

Frankfurt/Main / Backnang, June 4, 2019 – telent GmbH – a euromicron Group company – is supplying Huawei system technology for ultra-fast fiber-optic connections (fiber to the building or FTTB) to 60,000 buildings with 160,000 residential units in Münster on behalf of the municipal utility Stadtwerke Münster. telent will act as system integrator and service partner for active technology to support broadband expansion in the cathedral city in Westphalia over the next eight years.

Following successful completion of testing in the first pilot area in the city's Kreuz district at the start of April 2019, the project's second expansion stage will commence this year. Under the master agreement, around 2,500 buildings in two districts of the city will be initially connected to the state-of-the-art fiber-optic network. Further districts will follow successively. The municipal utility can offer its customers bandwidth of up to 500 Mbit/s over this fiber-optic network under the label "Münster: Highspeed"; the system solution's active components already support bandwidths of more than 1 Gbit/s. That means customers of Stadtwerke Münster will be able to surf at some of the fastest data rates in Germany.

In its capacity as general contractor, telent is responsible for handling the active system technology in the project: from creation of the technical concept for the network, installation and commissioning of the active technology, to maintenance and troubleshooting services and training for the utility's project partners. As part of the project, telent is setting store by future-proof broadband technology from the world market leader Huawei for the IP core backbone network and GPON-based (Gigabit passive optical network) FTTx access network. Uniform, cross-system network management software for all system components enables optimum and smooth network operation. Huawei's system technology is designed to be ready for future requirements as part of fiber-optic expansion.

In the face of competition with other vendors, euromicron's subsidiary telent impressed with its complete and detailed end-to-end solution concept. It comprises a technically and commercially mature transport system for the IP backbone network based on two high-performance IP/MPLS core routers and GPON technology in the access network. Flexible and optimized access solutions for FTTH expansion based on GPON and FTTB mini DSLAMs based on G.fast technology are used in multi-family buildings.

The new network will initially supply the Kreuz and Hansa districts with cutting-edge fiber-optic technology; successive expansion of further districts in the city is envisaged. "We chose telent as our technology and service partner because the company impressed us with the technology

it offered and its know-how,” says Jan-Niklas Lensing, Head of the Broadband Project at Stadtwerke Münster.

“We’re delighted to have won the contract for this forward-looking project. In this broadband project with Huawei technology, we will supply the customer with a new generation of leading-edge broadband technology for a future-proof high-speed network. The decision in favor of us shows that we can clinch deals even when up against strong competitors – thanks to our comprehensive know-how, latest technology and a broad network of partners,” adds Alexander Scharf, Senior Account Manager at telent.

Dr. Frank Schmitt, CTO of euromicron AG, comments: “When it comes to innovative, secure network technology, telent has a long track record of being a reliable partner to cities and municipalities who no longer want to wait for others to take the initiative to expand the fiber-optic network. Award of this contract is also a demonstration of the trust in the euromicron Group’s strategic alignment. We’re delighted to be backed by Huawei, a strong technology partner with whom we can leverage and increase the opportunities presenting themselves in the FTTx market.”



Photo 1: Main building of the utility Stadtwerke Münster (© Stadtwerke Münster)



Photo 2: The Prinzipalmarkt square in Münster (© iStock/querbeet)

About euromicron AG:

euromicron AG (www.euromicron.de) is a medium-sized technology group that unites 16 companies from the fields of Smart Buildings, Smart Industry, Critical Infrastructures and Smart Services. Rooted in Germany, euromicron operates internationally with its around 1,900 employees at 40 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. euromicron AG generated total sales of €318.0 million in fiscal year 2018.

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



About telent

telent GmbH – a euromicron Group company – offers tailor-made technology solutions and smart services in the field of critical infrastructures (KRITIS). telent plans, builds and operates the network infrastructures its customers require to ensure secure enterprise communication, using cutting-edge products and systems from various prestigious vendors. In networking and automating digital business processes, telent mainly relies on its extensive expertise in the fields of cybersecurity, state-of-the-art IP and radio networks, the IoT (Internet of Things) and network management and asset management systems. The company contributes its know-how to creating suitable IoT infrastructures in order to enable faster implementation of applications for the smart city, smart energy and smart transportation, as well as solutions for industry and the public sector in Germany. www.telent.de

About Stadtwerke Münster

As a public utility in Münster, Stadtwerke Münster supplies electricity, natural gas, heat and drinking water and gets people to where they want to go with its buses. Stadtwerke Münster is also expanding its fiber-optic network with cutting-edge technology, initially in the Kreuz and Hansa districts and then later throughout Münster. The fastest network in Münster, with maximum data transfer rates of 500 Mbit/s, will offer customers a new Internet experience. <https://www.muenster-highspeed.de/>

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