October 27, 2020

Enhanced performance with modern headend technology

When the telecommunications company, Helinet Telekommunikation GmbH & Co. KG (Helinet), needed to modernise an ageing headend station in Hamm, Germany, they turned to HUBER+SUHNER.

Helinet's objectives were to provide new TV services and expand its range of programmes. With a special focus on redundancy, efficiency and future flexibility, the high-performance headend platforms NEO X-Series and NEO P-Series from HUBER+SUHNER BKtel were selected. Additional features such as a low-power consumption and an easy-to-handle location-independent management system were decisive in making their choice of supplier.

The new, modular NEO X-Series headend in use

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Due to the redesigned network structure, a signal processing of 42 DVB-S/S2 transponders is now possible, whereby transformation to DVB-C signals is performed and aggregated by two NEO X-Series headends. The bundled signal is transferred to an optical transmitter which then feeds the fiber optic network. To ensure that Helinet can always deliver the most important TV programmes – even in the event of maintenance or repairs – the company can remotely switch to the redundant NEO P-Series headend if and when required.

Helinet now has access to a choice of more than 350 TV and radio channels. The concept is not only efficient, it is also future-proof in design. An expansion of the programme feed, as well as the potential to offer new IPTV services is available.

Thanks to the close cooperation between customers, sales, product management and development – as well as dedicated and direct service – the project, including planning, elaboration of the network, installation and commissioning, could be realized in only nine months.

About Helinet

Helinet is an independent holding company of several municipal utilities based in the region of Hellweg-Lippe, Germany. In cooperation with public partners such as municipal utilities and local municipalities as well as private investors, it is committed in Westphalia to the expansion of broadband via fiber optic technology (FTTH, Fibre-to-the-Home).

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