

Abrechnungszentrum Emmendingen

Innovative thinking and dynamic action!



It is quite common for health insurance companies to out-source processes regarding the billing and data management to competent partners such as the Abrechnungszentrum Emmendingen. There, the tremendous data volume is transferred into processes such as payment transactions, accounting or financial reporting. To cope with a huge data growth, but at the same time maintain data security and privacy, the Abrechnungszentrum Emmendingen started to establish a new data center and infrastructure renewal in a previously used data center in 2010. Following the corporate motto “innovative thinking - dynamic action” the Abrechnungszentrum Emmendingen counts on the flexible and modular tML[®] cabling system of tde-trans data elektronik GmbH.

As a full-range provider of billing and data management in health care, the Abrechnungszentrum Emmendingen offers a portfolio consisting of individual services for the accounting processes in public health insurance and other social security institutions. More than 500 staff members deal with 57 million prescriptions of more than eight million members each year, representing almost ten percent of all obligatory health insured. For optimal business processes in form of highly available business operations and short recovery times in cases of

emergency, the latest technologies and modern infrastructure are necessary.

In order to guarantee data protection and data security at the highest level as well as increase the technical capacity of the systems and to be prepared for the further growth of data volume, the Abrechnungszentrum Emmendingen started to build a new data center while at the same time restructuring the existing one in 2010. In the course of these changes, the existing cabling had to be extended or rebuilt.

“Our decision to use tde’s system was based on the technology of the cabling system, the high quality of the products and the company’s references,” said project manager Michael Kranzer. tde supported the Abrechnungszentrum Emmendingen in planning and implementing the new cabling structure.

The 19” racks in the data centers of the Abrechnungszentrum Emmendingen were equipped with both fiber optic as well as 10-GbE-enabled twisted pair tML[®]-modules. This means that up to 48 ports per rack unit, partly in a mixed system of fiber optic and TP modules were installed. The optical modules have a MPO / MTP[®] connector on the reverse side and six LCD 50/125 OM3 in the front. The TP modules allow data transmission at 10 Gb per second over six RJ45 connectors per module. The installation of 19” tML[®] patch panels ensures the right management of the patch cables.

Thanks to the pre-fabricated components, tde’s installation team only had to connect the components, splicing or crimping was not necessary. The installation work was carried out during the commissioning of the new data center simultaneously with other jobs such as the refrigeration or the electrical installation in the rack systems.

Michael Kranzer is satisfied with his new data center and the co-operation with tde: “Our experience with the new cabling system has been overwhelmingly positive. We have already no-

Reference report

ticed the targeted improvements. The collaboration was superb from the first contact and the planning process through to the implementation. It was very constructive, reliable and accordingly, successful.”