



QUALITY YOU CAN DEPEND UPON

GGRZ counts on Nexans to provide cabling infrastructure for a reliable, future-proof data centre

If you want to ensure your data centre is reliable and future-proof, there's no better way than by partnering with the world's leading cabling solutions provider. That's why GGRZ, a German IT-company, relied on Nexans to provide the IT-infrastructure for an important customer's new premises.

Executive Summary

CUSTOMER GGRZ

LOCATION Münster, central Germany

REQUIREMENT Provision of a high-quality data network

EQUIPMENT LANmark-7 GG45, LANmark-OF high density fibre panels

Established in 2003 and based in Münster, central Germany, GGRZ (Gemeinsames Gebietsrechenzentrum) specialises in IT-systems, infrastructure, consultancy and training. Seventy-seven people work in the Münster headquarters.

Need for a high-quality data network

GGRZ Münster was asked to provide systems for the new premises of an important asset management client, Westfälisch-Lippische Vermögensverwaltungsgesellschaft (WLV), also situated in Münster. Having outgrown its previous location, WLV wanted the best and most modern solution for its new data centre – one that would support its needs for many years into the future.

With their partner Netsystem, GGRZ Münster worked to deliver the server cabinets, patch fields and cabling needed for the server room and infrastructure.

Nexans meets difficult challenges of data centres

The data centre is of paramount importance to enterprise customers today. It is basically a warehouse for all electronic data. Companies face a number of challenges in managing data centre expansion – it's not only the heart of the entire



The relocation of WLV was a great success, thanks to the cost-effective, high-quality solutions provided by Nexans.

data network, but also the focal point of new applications and system development. The most important challenges include demands for more network storage capacity and increased processing capability.

As Nexans has a solid reputation in data centre applications, GGRZ relied on the company's high-performance solutions for WLV's new data network.

Successful relocation of WLV's data network

WLV's cabling infrastructure requirements were very high. Therefore, both OF-3xt glass fibre cables, offering flexibility, scalability and ensuring the system supports 10 gigabit Ethernet applications over distances up to 600 metres, and Cat-7 high-performance copper cables were installed. LANmark-7 provides backwards compatible performance and features the revolutionary 2-in-1 GG45 snap-in connector.

Nexans also installed high-density fibre-optic panels that support up to 96 ports in a single panel, thereby reducing the cabinet space required allowing additional room for future expansion. Fewer distribution points also facilitate easier maintenance and tracing of breakdowns. The Nexans cable solution has a very clear structure, and provides greater scalability and flexibility with maximum redundancy.

"This structure ensures that the data centre network delivers excellent availability with built-in, added capacity so the company is well-protected against downtime. This helps protect our investment and accommodate future growth as well," says Roger Schwentker, Chief Technology Officer (CTO) at GGRZ.

"The quality of data cables, plugs and connectors is very high. Nexans products are well thought-out and made."

Roger Schwentker,
Chief Technology Officer, GGRZ

Challenges

- » Need for high-quality solution for WLV's new data network
- » Growing pressure on storage capacity
- » Increasing demand for processing capacity

Solutions

- » LANmark-7 copper solution
- » LANmark-OF glass fibre solution

Benefits

- » Greater scalability in the data centre
- » Faster deployment of high-quality connections
- » Improved flexibility
- » Future-proof, resilient solution
- » Protection against downtime

Nexans fulfilled the key criteria for quality standards and physical characteristics, and delivered exactly what was required. "The quality of data cables, plugs and connectors is very high. Nexans products are well thought-out and made," Schwentker concludes.

Nexans stays ahead of current and future needs

GGRZ and Netsystem have equipped WLV's new data centre with complete confidence, supported by high quality Nexans cabling and infrastructure solutions that meet and exceed all current and future needs. ■