



Reaching for the skies with pioneering technology

Living with perspective – this is the slogan of the HOCHZWEI complex to be completed in the Allmend area of Lucerne by the end of 2012, in the immediate vicinity of the new Swissporarena.

Constructed under the ownership of Credit Suisse, the two high-rise residential buildings comprise 283 rental apartments and comply with the rigorous requirements of greenproperty, Switzerland's first seal of quality for sustainable buildings. In order to ensure sustainability in the area of gas, water and power consumption too, the energy service provider ewl (energie wasser luzern) commissioned Network 41 to design and install the network for the deployment of intelligent meters.

This laid the foundation for future technologies such as smart metering. The installation was based on the structural concept which defined the exact positioning of the technical components. This ensured that EMC requirements (electromagnetic compatibility) were met.

The engineering conception complies with the network standard 10 GB Base-T. Quality testing of cable functionality was carried out to the European standard (LinkWare Cable Test Management Software).



Switchboard with configured rack



Quality check