



Splicing in the cable duct

FTTS for faster surfing in rural areas, too

Swisscom has largely opted to use FTTS (Fibre to the Street) in rolling out its fibre-optic network outside conurbations, and Network 41 is one of a small number of partners to have been commissioned to carry out this development and modernisation work. As a result Network 41 is now out and about all over Switzerland: in 2015 alone it already provided a faster network for more than 20,000 households.

In less densely populated areas, FTTS is the faster option for fibre-optic network development as compared to FTTH (Fibre to the Home). Network 41 initially takes care of installing the fibre-optic cable from the central office to the cable duct, which is located approx. 200 m away from the buildings themselves. In the duct, the system technology is installed that transforms the pulses of light transmitted by the optical fibre into electronic

signals. The cables are newly spliced and the existing copper wiring is used for the final section up to the building.

“One particular challenge we face is ensuring that Swisscom customers only experience short service disruptions (telephone, internet and television) - even when cable types up to 80 years old have to be spliced with modern copper cables. So we’re always careful to plan and organise our work in advance, as well as providing our specialists with training to ensure they keep up-to-date with the latest developments,” says Dave Frühauf, a Network 41 project manager.

Network 41 gets the Swisscom network up to speed!

