



HOW SMART TECHNOLOGY WILL CHANGE THE WAY WE LIVE AND WORK



Add smart technology to your fibre optic network

The exponential growth of various SMART technologies, all communicating over fibre optic networks, creates a growing need for network automation and management.

The past five years we have seen major changes in our business models. These changes of the past are now the megatrends for the future and driven by constantly emerging new SMART technologies.

In the automated world we live in, we control houses and buildings via Internet and have access to everything, everywhere! Advanced networks are key in this development. For making your fibre optic networks SMART, TKF Telecom is introducing its new brand ACE+. By adding SMART technology, like sensors, tags and software solutions to our existing ACE

concept, we can enhance, automate and help controlling your network.

TKF brings you the following SMART solutions:

- Automated ODF using Robotics
- Automated OTDR Measurement
- SMART cabinet control (access and status)
- Passive component identification
- Open source software to interact with operators NOC



ACE+ SOLUTIONS

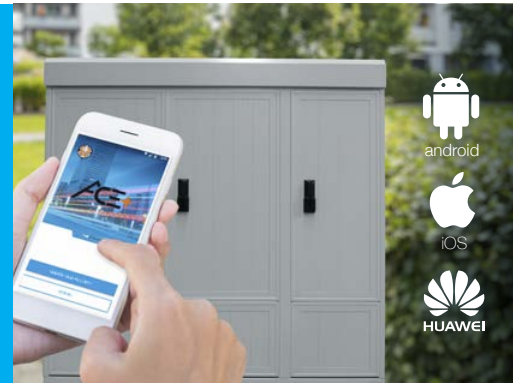
ENHANCE, INTEGRATE AND CONTROL YOUR NETWORK

SMART PASSIVE INFRASTRUCTURE CONTROL (SPIC)

By adding SMART technology, you convert any regular street cabinet to a SMART, remotely managed and controlled cabinet. The lock and the important sensors like tilt, temperature and opening can remotely be checked, managed and automated, offering operators and service employees improved reliability, efficiency and safety.

Main benefits:

- Easy installation and maintenance
- Plug & play components
- Intuitive interfaces for users and administrators
- Low power solution
- Rugged solution to withstand vandalism



ROBOTIC MEASURING SOLUTION (RMS)

RMS is an automated solution that enables to fieldtest and monitor the quality of FTTH deployments of street cabinets. The patching robot moves from port to port to execute a complete OTDR measurement at each position.

Main benefits:

- Significant time saving solution compared to manual testing
- Undisputable testing and output quality
- All measurement files in SOR format
- Detailed commissioning report (Excel)

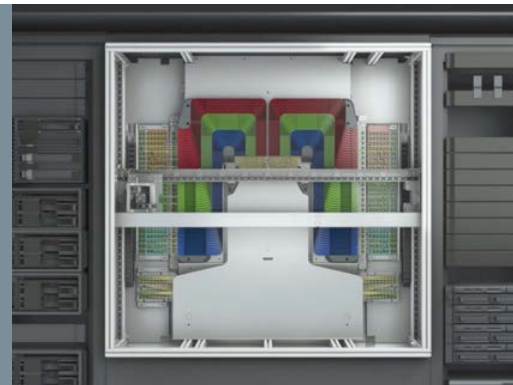


ROBOTIC PATCHING SOLUTION (RPS)

Flexible infrastructure plays a vital role in the digitized future. RPS is an automated fibre patching solution for fibre optic networks, data centers, nodes and POP's, replacing manual ODF's. The software of the advanced Robotic Patching Solutions enables features that are not possible in the networks of today.

Main benefits:

- Enhanced safety and security
- A time saving solution
- Less truck-rolls
- Eliminates human failure
- Database always up-to-date and correct



MEET THE TKH GROUP AND ITS CORE TECHNOLOGIES

TKH Group NV (TKH) is an internationally operating group of companies specialized in creating and supplying innovative Telecom, Building and Industrial Solutions. All TKH technologies are interlinked into total solutions for these three business segments.



TKF CONNECTIVITY SOLUTIONS

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