

Five-fold speed boost for NetCologne's broadband network



Nokia has deployed its G.fast solution to extend the Fibre to the Home (FTTH) network of NetCologne, the largest regional telecommunications provider in Germany with over 28,000 kilometres of laid fibre-optic cables.

“Our G.fast technology allows NetCologne to extend fibre service into buildings to give end-users the option of accessing up to five times faster access speeds, reaching up to 1Gbps. Powered by Nokia software-defined access networks, NetCologne innovates with flexible cloud operations and brings new digital services to market rapidly in the greater Cologne/Bonn/Aachen area,” the company told *Broadband Journal*.



Nokia's Lightspan Access Node SX/DX G.fast distribution point unit

As a provider of network infrastructure to NetCologne for the last 25 years, Nokia is now set to support extensive upgrades to 30,000 Fibre to the Building (FTTB) installations, upgrading the last drop from VDSL2 to G.fast technology. Nokia G.fast 212MHz technology will not only bring ultra-broadband speeds to NetCologne's customers, the technology upgrade will also increase operational efficiency as zero touch provisioning cuts roll-out costs and configuration time in half. Once NetCologne's FTTB footprint is transitioned to G.fast, the Nokia Altiplano cloud platform will allow the operator to obtain better insights into increasing volumes of operational data and automate operations across the entire access network.

Horst Schmitz, Head of Technology, NetCologne, said: “We provide the city of Cologne and associated regions with leading-edge telecom services. Nokia delivered a highly customisable solution that is ideal for the next step in our network plans; bringing gigabit connectivity cost-effectively into buildings. On top, the cloud platform improves our automation capabilities today and for any future devices added to the network over time.”

NetCologne is a pioneer in fibre optic expansion and super-fast Internet. With more than 28,000 kilometres of cables laid and continuous expansion, its fibre optic network is one of the most modern in Europe. It is the largest regional telecommunications provider in Germany.

For more information, see www.nokia.com