

Nigeria to benefit from 100 gigabit-per-second fiber-optic network

Alcatel-Lucent and MTN Nigeria will be boosting connectivity in Nigeria by launching a superfast, 100 gigabit-per-second fiber-optic network.



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MTN Nigeria, which covers more than almost 90% of Nigeria's land mass, will deploy a 100G network that re-uses existing 10G optical assets thereby preserving MTN past investments while ensuring future proof and state of art solution.

Nigeria's growing economy is fueling a proliferation of mobile subscribers, which number about 275 to every one landline in the country. As a result, Nigeria has a significant need for reliable, mobile broadband access to support growing demand for bandwidth hungry services such as streaming video plus the ever-increasing need from enterprises for storage and data center connections. The new network also gives MTN the capacity and flexibility to offer wholesale services to other service providers in the region.

Lynda Saint-Nwafor, CTO of MTN Nigeria said: "MTN realised we needed to upgrade our network to meet customer expectations for ultra-broadband connectivity and high reliability within Nigeria's very competitive marketplace. We wanted a state of the art solution that met three main criteria: increased network reliability, a high degree of scalability to prepare the network for 400G and beyond, and preservation of our existing 10G investment. Alcatel-Lucent's demonstrations showed that they could meet all of our criteria and we look forward to deploying the network overlay in 2014."

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