



Press release

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Booth G06

Nexans and TeliSwitch Automatic Optical Distribution Frame (AODF) put a robot in charge of fiber optic cross connections

Innovative AODF enables remote optical switching and testing to reduce the risk of human error and cuts network downtime with the potential to achieve payback in less than 12 months

Paris, February 18, 2014 – Nexans and TeliSwitch have formed a partnership to promote the innovative suite of Automatic Optical Distribution Frame (AODF) solutions that offers the potential for FTTH operators to dramatically reduce their network reconfiguration and service times, especially for PoP (Point of Presence) installations in remote, hard to reach locations. This TeliSwitch unique patented AODF technology, which relies on a robot to make totally repeatable and reliable physical patch-cord connections around a specialized cylindrical geometry, can be deployed as part of a fully integrated turnkey solution utilizing the Nexans range of FTTH cables, connectors, patch-cords and splitters.

Visitors to Booth G06 at this month's FTTH Council Europe will be able to see how the AODF has been designed from a blank sheet of paper to eliminate the problems associated with traditional Optical Distribution Frames (ODFs) that require unrelenting attention to prevent the fiber routing spaghetti becoming unmanageable.

At the heart of the AODF is a robot that provides a secure and reliable cross connection at the first physical layer in the fiber-optic network – with the patch-cord connector always installed in the right socket. Remote operation eliminates routine site visits by engineers for network reconfiguration & equipment recovery, cutting service times and costs. Testing can also be carried out remotely during low-traffic periods, such as at night, and in case of network failure it allows for a shorter mean-time-to-repair (MTTR).

The AODF is adapted to Point of Presence, concentration points or multi-operator sharing points (PMI) with different variants available for indoor and outdoor installations while another range of solutions scales higher for metro networks and data centers. The AODF solution is not only based on the hardware, it also covers the software for effective integration into the service provider's workflow as well as offering the possibility for a complete rethink of network design and processes.

"The AODF solution offers in particular, enhanced reliability, reduced service times and costs. Thanks to the remote configuration, the payback period could be less than 12 months", says Jean-Christophe Monatlik, Marketing and Development Manager, Nexans. "We are already planning field trials with Stokab, the Swedish telecoms operator owned by the City of Stockholm and a provider of dark fibers".

Further information about AODF is available in this short video presentation:

<http://www.youtube.com/watch?v=S3aQssKnptA>

About Nexans

Nexans brings energy to life through an extensive range of cables and cabling solutions that deliver increased performance for our customers worldwide. Nexans' teams are committed to a partnership approach that supports customers in four main business areas: Power transmission and distribution (submarine and land), Energy resources (Oil & Gas, Mining and Renewables), Transportation (Road, Rail, Air, Sea) and Building (Commercial, Residential and Data Centers). Nexans' strategy is founded on continuous innovation in products, solutions and services, employee development, customer training and the introduction of safe, low -environmental- impact industrial processes.

In 2013, Nexans became the first cable player to create a Foundation to introduce sustained initiatives for access to energy for disadvantaged communities worldwide.

We have an industrial presence in 40 countries and commercial activities worldwide, employing close to 26,000 people and generating sales in 2013 of nearly 6.7 billion euros. Nexans is listed on NYSE Euronext Paris, compartment A.

For more information, please consult: www.nexans.com

Contacts:

Press

Angéline Afanoukoe

Tel. : +33 (0)1 73 23 84 12

Angeline.afanoukoe@nexans.com

Investor relations

Michel Gédéon

Tel.: +33 (0)1 73 23 85 31

Michel.gedeon@nexans.com