Aurora Networks Unveils First Digital Return Module for Germany's BK Fibre Nodes

Aurora Networks Unveils First Ever Digital Return Module Specifically Designed for Germany's BK Fibre Nodes

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Product simplifies segmentation and is the first to solve EuroDOCSIS™ 3.0 upstream channel bonding performance issues

SANTA CLARA, CA - May 3, 2011 - Aurora Networks, Inc., today announced the release of its Digital Return module for the BK Fibre Node that will enable cable operators in Germany, and neighbouring countries, to better meet bandwidth requirements driven by high-demand services.

Specifically customized for the region's installed base, Aurora Networks' Digital Return module is the first digital return solution for Germany's unique BK architecture. As shown with its field-proven 5-65 MHz Digital Return module for the NC2000 and NC4000 node platforms, this new module provides cable operators the support they need when launching upstream channel bonding with EuroDOCSIS 3.0 services. Digital return delivers increased performance and operational savings. In addition, with Aurora's unique "2-fer" technology for full segmentation, it is a compelling fiber-efficient solution.

Aurora Networks' "2-fer" technology supports two independent 5-65 MHz return segments on a single wavelength; "2-fer" technology has been a solution deployed widely throughout the world by major cable operators from the USA and Canada, to Latin America, Asia, Europe and now available for BK-equipped networks.

Aurora Networks is displaying the Digital Return module for the BK Fibre Node in its booth, No. P18, hall 10.1 at the ANGA Cable Show, 3-5 May in Cologne, Germany.

What Aurora Networks says

"Since 2005 Aurora has provided many advanced, cost-effective solutions to top-tier operators in the German market," said John Dahlquist, vice president, marketing. "By customizing our highly successful digital return technology to meet Germany's BK system requirements, we are equipping operators with the tools they need to future-proof offerings for EuroDOCSIS 3.0 and beyond without the need for expensive equipment swap out."

Key Digital Return Applications

- **More Efficient Segmentation** – With up to two unique RF input channels per digital return transmitter wavelength, up to 15 wavelengths with CWDM, and up to 40 wavelengths with DWDM, Aurora Networks digital return technology provides the flexibility for very fiber-efficient solutions to

segment BK Fibre Nodes. In addition, through cable's first and only SFP-based digital return technology, the process of wavelength selection, sparing and service restoration is greatly simplified.

- **Ability to Drive Fiber Deeper**– Aurora Networks digital return technology is optimized to drive fiber deeper into the network, securing more bandwidth while at the same time reducing RF amplifier cascades and their associated high operational costs. Performance is independent of distance, and reaches of up to 200 km are feasible without regeneration.

- **Gateway to Deploy EuroDOCSIS 3.0 Services** – Both the higher modulation and channel bonding requirements of EuroDOCSIS 3.0 services have placed greater demands on the upstream path. When setup with the recommended installation practices, Aurora Network's digital return technology will fully support EuroDOCIS 3.0 services with both 64-QAM and four or more bonded channels. In addition, it will also support any future 256-QAM return technology.

- **Reduced Operational Costs** – Aurora's unique digital return technology is truly a "set it and forget it" upstream solution that eliminates normal maintenance expenses associated with analog laser solutions.

About Aurora Networks

Aurora Networks is evolving cable by focusing on innovative solutions that build future-proof networks to accommodate the cable subscriber services of today and tomorrow. Aurora Networks is the only pure-play optical transport solution provider that is focused solely on cable operators. Using its proven understanding of cable networks, Aurora Networks delivers unique solutions - such as its Fiber Deep architecture and digital return technology - to address specific issues of the cable industry. A technology leader driven by innovation and industry-firsts, Aurora Networks enables leading cable operators across the globe to compete with a cost-effective, optimized launch pad for next-generation cable services. To learn more about Aurora Networks' core cable solutions, please call +1 408-235-7000 or visit www.aurora.com.