

# Aurora Networks Showcases the Ultimate in Cable at SCTE Cable-Tec Expo 2011

1 November 2011

## Pioneering technologies arm cable operators with next-generation tools to evolve existing networks

**SANTA CLARA, CA - November 1, 2011** - Aurora Networks, Inc., the No.1 optical transport solutions provider for cable operators, will showcase its innovative transport technologies at SCTE Cable-Tec Expo 2011, taking place Nov. 15-17 at the Georgia World Congress Center in Atlanta, Ga.

At the Expo, the company will unveil its latest next-generation multi-service access solution. As part of the company's dedication to continue the evolution of node-generated services, this industry-first technology addresses the demand-growth, headend and hub space limitations and cost-reduction challenges operators face today. Also, the company will showcase its recently expanded end-to-end PON portfolio, including its first full display of the Trident7™ technology derived from its recent acquisition.

Showcasing its proven innovation and expertise, Aurora Networks will demonstrate its unique, industry-leading solutions, including HFC, Fiber Deep, segmentation, RFoG and digital return.

Aurora Networks' booth number at the show is 1668.

### What Aurora Networks says

"Cable operators are always looking for ways to increase network capacity to deliver the ultimate bandwidth-optimizing pathway," said John Dahlquist, vice president, marketing, Aurora Networks. "Our presence at the show will highlight our focus on evolving existing networks and delivering cost-effective bandwidth solutions for next-generation cable services".

### Aurora Networks' Solutions at SCTE Cable-Tec Expo

- **Tools to enable migration to an all-IP environment**

Aurora Networks will display its end-to-end PON solutions that enable cable operators to cost-effectively deliver all optical IP Ethernet-based services to the home or commercial customer. The extensive PON portfolio includes Node PON™, Trident7 products, and a comprehensive selection of Optical Network Terminals (ONTs).

- **Fiber Deep: Cable's first truly green architecture**

With Fiber Deep, the node is deployed much deeper into the network, eliminating the need for RF amplifiers. This cuts about 70 percent of actives found in a power-hungry cable network, and reduces power costs by as much as 50 percent. Fiber Deep also helps cable operators reduce operational and maintenance costs by as much as 65 percent, and serves as a great launch-pad

for next-generation high-demand services.

- **Universal Digital Return: Buy now, upgrade later; support for 5 to 85 MHz**

Universal Digital Return addresses the growing need for more bandwidth in the upstream. Aurora Networks' Universal Digital Return Platform™ supports 1024-QAM, thus providing over 2 Gbps of upstream capacity. Immediately, operators are able to continue leveraging the standard North American split with the option to upgrade at a later date to a higher split of 85 MHz based on their subscribers' needs.

- **Segmentation: High-performance full spectrum, multi-wavelength technology**

Aurora Networks' high-performance full spectrum DWDM transmitters are ideal for node segmentation; a very cost-effective technique to significantly increase capacity-per-subscriber without expensive fiber construction. These transmitters enable a cable network's eventual evolution to full QAM capabilities, including a seamless migration to a future CCAP (Converged Cable Access Platform) deployment if desired, given their support for both analog plus QAM loading and all-QAM loading.

### **About Aurora Networks**

Aurora Networks, the No. 1 optical transport solutions provider for cable operators, 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 408-235-7000 or visit [www.aurora.com](http://www.aurora.com).

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