Aurora Networks Further Enhances CCAP Benefits

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Combined with benefits of CCAP framework, company highlights its distributed architecture for added operational efficiencies

SANTA CLARA, CA – October 15, 2012 – Aurora Networks, Inc., the number one optical access solution provider for cable operators, has been closely following the Converged Cable Access Platform (CCAP™) initiative as the industry looks to cost effectively evolve its networks as the shift to all-IP continues to gain momentum. The company has seen cable operators look for a strategy that incorporates existing investments to meet today's bandwidth challenges. The CCAP architecture is a solid start towards solving the industry's growth dilemma.

The main goal of CCAP is to develop an architecture that results in a more dense and powerful system that provides greater service flexibility while using less headend and hub resources. The evolution to the peak of operational efficiency will be defined by changes in industry standards, trends and operator agendas, including controlling capital and operational expenses, managing the environmental footprint of headends, and simplifying operations. In addition, as the industry approaches DOCSIS® 3.x, operators need to have a network in place now that they will not need to rebuild to support new standards.

As CCAP products continue to be introduced, Aurora Networks recommends additional considerations to create an optimum network:

Node QAM
Driven by customer demand for advanced services that require more bandwidth, Node QAM technology (remote placement of an Edge QAM in the cable optical node platform) goes hand-in-hand with the goals of the CCAP architecture. In addition to the aligned goals, Node QAM takes advantage of the robustness of digital transport to further reduce operating expenses by moving the conversion from IP to RF to where it is needed. Moreover, Node QAM channels are agnostic to the type of traffic that they modulate, providing complete service flexibility for an operator.

EPON Protocol-over-Coax (EPoC)
Implementing EPoC will enable cable operators to offer ultra high-speed data services to their customers. By placing the EPoC module in the node, operators will be able to gain the advantages associated with a distributed Digital HFC architecture, including significant headend resource and operating expense benefits, key CCAP goals.

What Aurora Networks Says

"The CCAP initiative should do wonders for the cable industry," said John Dahlquist, vice president of marketing, Aurora Networks. "But there is room for improvement in terms of efficiently operating a network. That is why, by moving to a more distributed architecture, Aurora Networks is encouraging the industry to go above and beyond what is being asked now, so that in the future, cable operators' advanced networks will continue to be ahead of the curve and able to capitalize on providing premium services without negatively affecting the bottom line."

About Aurora Networks

As the number one optical access solution provider for cable operators, Aurora Networks is dedicated to the evolution of the broadband industry by providing optimized solutions that enable operators to accommodate ever-growing capacity needs. Along with its superior customer service and support, Aurora Networks is delivering innovation for the future. To learn more about Aurora Networks' core solutions, please call 408-235-7000 or visit www.aurora.com.