Aurora Networks further increases the flexibility of digital return

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Taking this future-proof return solution to the next level with another first in digital return technology

Aurora Networks, a Pace company, and a leading developer and manufacturer of advanced, next-generation Optical Transport and Access Network solutions for broadband networks that support the convergence of video, data and voice applications, today announces that it can increase a cable operator's return-on-investment with the introduction of its high-density upgradeable digital return path receiver technology. This solution complements Aurora's Universal Digital Return™ transmitter technology that has now been widely deployed in cable networks around the world.

For many years, digital return has been the technology of choice for many operators looking for a future-proof solution that meets all of their network requirements. With the introduction of DOCSIS® 3.1 systems, the importance of a solid, robust, high-performance return path is even greater; digital return is the logical answer.

The new Universal Digital Return receiver technology, including the DR3450N, is a very compact solution, doubling today's density- to 48 return segments per 3RU. It has the built-in upgrade capability to support up to twice the return path bandwidth and single or dual return segments per wavelength; saving cost and optimizing a cable operator's network investment. With the digital return transmitter technology, cable operators can deploy a 5-42 MHz system today and then, with just a "press of a button," have a system which will support a 5-85 MHz return path. No expensive "rip-and-replace" needed.

The solution also includes the BP3400C – an optical backplate. This backplate further increases the flexibility of the digital return receiver; it enables one module to support four single RF return segments ("1-fer" technology) or two dual RF return segments ("2-fer" technology) - in addition to the bandwidth- doubling capability). The multi-functional "universal" design saves capital investment, minimizes the need for external cables, simplifies operation and with the hot plug-in/out functionality, simplifies installation.

What Aurora Networks Says
"Digital return has long been the solution of choice for cable operators as they upgrade their networks to support the ever increasing capacity demands of their subscribers," said Scott Weinstein, vice president of marketing, Aurora Networks. "Digital return, unlike analog technology, maintains its performance over the extended bandwidth, remaining independent of link budget."

About Aurora Networks

Aurora Networks, a Pace Company, is a leading developer and manufacturer of advanced, next-generation Optical Transport and Access Network solutions for broadband networks that support the convergence of video, data and voice applications. Using its understanding of cable networks, the company delivers solutions such as its fiber deep architecture and digital return technology, to help solve critical network bandwidth capacity constraints. Aurora's solutions offer best-in-class functionality, providing savings in power, space and operating expenses, whilst leveraging existing network investments. To learn more about Aurora Networks' core solutions, please call +1 408-235-7000 or visit www.pace.com.

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