



THE LAMBDA NODE 5000 OPTICAL SERVICES PLATFORM PIONEERS USE OF ADVANCED TCA IN OPTICAL NETWORK LAYER

LambdaNode 5000 leads the way in the rapid provisioning of optical services for access, metro and regional applications, offering customers flexibility and investment protection

CHICAGO, IL, JUNE 5, 2006 – Lambda OpticalSystems, the leading developer of intelligent, integrated, all-optical networking solutions, today introduced the LambdaNode[™] 5000 Optical Services Platform, the newest member of the LambdaNode product family. Based on the Advanced Telecom Computing Architecture (AdvancedTCA[®]), the LambdaNode 5000 platform takes a lead role in the rapid provisioning of optical services for access, metro and regional applications.

“Lambda OpticalSystems’ implementation of the standardized AdvancedTCA is an early indicator of a new trend in telecom systems development,” said Michael Howard, principal analyst and co-founder, Infonetics Research. “The ATCA technology enables innovators such as Lambda to focus on their core competencies of dynamic optical networking while reducing the cost and time-to-market of advanced optical services.”

The standardized architecture offers customers increased flexibility, lower cost, and investment protection by enabling the use of commercial, off-the-shelf components. Incorporating leading edge Wavelength Selectable Switching (WSS) technology, the LambdaNode 5000 platform provides unprecedented switching capability that extends from two-degree ring topologies to multi-degree mesh topologies.

“The LambdaNode 5000 Optical Services Platform reinforces Lambda’s commitment to providing carriers with cost effective, agile, high-performance all-optical networking solutions that support customer requirements for rapid customization and deployment,” said Irfan Ali, president and chief executive officer of Lambda OpticalSystems. “The addition of standardized hardware to the LambdaNode family is the next step in our unique approach to the development of next generation, GMPLS-controlled, all-optical networking solutions.”

The LambdaNode 5000 platform complements the features of the LambdaNode 2000, the industry’s first integrated, all-optical switch, while continuing to offer simplified network engineering and operation; dynamic, flexible network configuration; high-availability service protection; differentiated transport services; elimination of costly O-E-O conversions; scalability to 40 Gbps; carrier-class fault and performance management; and protocol and bit-rate independence. Based on these attributes, the LambdaNode 5000 platform is the ideal choice to support legacy ATM and Sonet/SDH networks as well as converged IP, IPTV, Internet-based video, interactive gaming, storage area networking, Ethernet, Lambda Grid, wavelength services, and ROADM applications. The platform will be available for customer trials in Q3 2006.



About Lambda OpticalSystems

Lambda OpticalSystems is committed to the development of next-generation all-optical solutions to transform transport networks. The company's family of all-optical switches with integrated DWDM and GMPLS control plane lets telecommunications carriers, government agencies, and research and education networks deliver high-bandwidth services while maximizing network management efficiency and affordability. For more information, visit the Lambda web site at www.lambdaopticalsystems.com, call 703-689-9500, or email info@lopsys.com

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