



Press Release

For Immediate Release

Aegis Lightwave Joins the Full Service Access Network (FSAN) Group

Woburn, MA — December 14, 2011 — Aegis Lightwave, an emerging leader in fiber-optic tunable receivers, today announced that it has joined the FSAN group as a Vendor member. Aegis' membership was sponsored by several telecom network operators to allow Aegis to fully contribute to the development of next-generation passive optical network (NG-PON) specifications for the access segment of worldwide fiber-optic communication networks.

The FSAN membership is the culmination of several years of technology development and collaboration with multiple partners and FSAN members to demonstrate the practical implementation of tunable receivers in Fiber-to-the-Home (FTTH) network architectures. Tunable receivers from Aegis enable NG-PON systems to flexibly multiply the bandwidth to each FTTH subscriber by up to a factor of 8 and at negligible additional cost to the carrier. Early systems trials have validated the simplicity of integrating tunable receivers in PON systems and have demonstrated working software protocols to support features unique to tunable receivers, such as demand-driven bandwidth deployment, remote network management and coexistence with currently deployed PON systems.

"We are proud to join a cadre of forward-looking technologists and visionaries who are paving the way to a richer bandwidth experience through leading-edge fiber-optics," said Jeff Farmer, General Manager, Aegis Lightwave. "Aegis will contribute its deep knowledge of tunable technologies to help realize next-generation network architectures coming out of the FSAN."

As of November 2011, the FSAN includes 85 member companies, including 26 telecom operators. The Optical Access Network (OAN) Working Group of the FSAN recently completed the XG-PON1 specification which is now being standardized at the International Telecommunication Union (ITU) under the G.987 series. The FSAN is now initiating a new study under the banner of NG-PON2 which, according to the FSAN website, will "study new architectures that might involve some affordable plant evolutions, to take the benefit of the maturing WDM technologies and the necessary adaptations for access."

About Aegis Lightwave, Inc.

Aegis Lightwave, a subsidiary of II-VI Incorporated, builds cost-effective solutions for intelligent optical networks that are used for video, data communications, telecommunications and other fast growing markets. Aegis delivers state of the art intelligent fiber-optic sub-systems to an international customer base of optical networking systems manufacturers that enable service providers to cost effectively deploy high bandwidth video services such as High Definition TV, IPTV, and Video-on-Demand. The company is located in Woburn, Massachusetts, USA. More information can be viewed at www.aegislighthouse.com.

###

Media and Analyst Contact:
Mark Lourie
Executive Director of Marketing
(781) 569-1607
mlourie@aegislighthouse.com