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For Immediate Release

BroadLight Participates in FSAN's Seventh GPON Interoperability Event

Santa Clara, CA – November 7, 2008 – BroadLight, the industry's leading supplier of GPON semiconductors and software, today announced that it has participated in the Full Service Access Network (FSAN) interoperability test event in Piscataway NJ, hosted by Telcordia. At the event, BroadLight submitted their BL2348 System-on-Chip (SoC) for GPON ONT/Residential Gateways, which is shipping in high volumes today to leading equipment companies around the world.

The event was organized by Telcordia in cooperation with FSAN (an affiliation of international network operators and telecom vendors), Corning Cable Systems and TraceSpan Communications. The event allows vendors to verify their understanding of the relevant industry specifications and to validate implementations early in the development process; thereby avoiding costly changes later in a GPON product's commercial life. In all, 13 system and device vendors participated, interconnecting GPON products and reference designs at Telcordia to test interoperability.

"We are very satisfied with the success of this test event, which shows that plug and play GPON interoperability will soon become a reality and demonstrates the maturity GPON technology. This success has been achieved thanks to the excellent preparation of Telcordia and the close collaboration of all participating GPON system and device vendors" said Regis Coat of France Telecom, co-chair of the FSAN Interoperability Task Group

"FSAN is currently working to unify OMCI-related service provisioning interoperability methods. The progress made at the Telcordia-hosted test event was a major step in demonstrating that the GPON standard (ITU-T G.984) allows full OMCI interoperability across a wide range of GPON implementations," added Paolo Solina of Telecom Italia, co-chair of the FSAN Interoperability Task Group.

"Telcordia continues to demonstrate our commitment to facilitating the FSAN operator and vendor community's goal of providing a rich marketplace of interoperable GPON solutions in an environment that helps minimize the risks investment for the operator

community,” said Rudi Schubert, Director, Telcordia Network Product Integrity. “The continued growth in participating companies is an excellent indicator of the importance of not only GPON technology but also interoperable GPON solutions to the broadband access marketplace.”

The event involved 13 GPON equipment and integrated circuit device vendors including Alcatel-Lucent, BroadLight, Cambridge Industries Group, Conexant Systems, Inc., Freescale, Hitachi, Huawei, Ikanos Communications, Motorola, PMC-Sierra, RAD Data Communications, TXP Corp., and ZTE.

The main goal of Test Event was to demonstrate GPON equipment management interoperability via the ONT Management & Control Interface (OMCI), with focus on best practices documented in the draft ITU-T G-PON G.984.4 Implementers’ Guide (G.984.4impl). The ITU G.984 GPON standard enables line rates of 2.5 Gbps in the downstream direction (central office to customer) and 1.2 Gbps in the upstream direction (customer to central office). Detailed test cases were carried out to verify the ONT equipment management, including OMCC establishment, Management Information Base (MIB) synchronization operations, ONT capability discover, and ONT software image updating.

“As the industry continues to move toward IP service creation and delivery, interoperable GPON equipment is critical to enabling cost reductions through volume production and increased market competition, thereby helping to increase the availability of high capacity, fully converged, IP service networks,” said Rudi Schubert, Director, Telcordia Network Product Integrity.

The test infrastructure used at this event included the optical distribution network (ODN) fiber and the fiber distribution terminals of the Corning Cable Systems ClearCurve™ solution, plus the TraceSpan provided G-PON monitoring and diagnostic capabilities of the GPON Xpert™ Multi-Layer Analyzer.

About FSAN

The Full Service Access Network (FSAN) Group is an interest group for the world's leading telecommunications services providers, independent test labs, and equipment suppliers to work towards a common goal of truly broadband fiber access networks. For more information: <http://www.fsanweb.org/>

About BroadLight

BroadLight is a fabless semiconductor company supplying semiconductor devices and solutions to equipment vendors for FTTH applications around the globe. Its technology spans from optical access to home networking which enables the delivery of highly integrated, low-cost, end-to-end (E2E) solutions from the central office to the customer premise. As a result, BroadLight is the leader in GPON semiconductor devices and software and is currently powering some of the world’s largest PON deployments.

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