



2901 Tasman Drive, Suite 218  
Santa Clara, CA 95054  
408.982.4210  
408.982.4220 (Fax)

## **For Immediate Release**

### **BroadLight Awarded Patent for Native Service Transport over PON Networks**

*BroadLight's PON Innovation Set the Guidelines for GPON Framing*

**June 11, 2008 – Santa Clara, Calif.** – BroadLight, the leading supplier of GPON semiconductors and software, today announced that it has been awarded a patent for natively transporting voice and data over Passive Optical Networks. This patent, which was filed in 2002 with a Foreign Application Priority Data in 2001, defined the infrastructure for a PON frame length of 125usec which led to an overall decrease in deployment costs, increase in bandwidth and improvement in quality of service for the triple play.

“BroadLight has established a strong competitive advantage by having more intellectual property rights and systems-level expertise than any other GPON semiconductor supplier in the industry,” said Didi Ivancovsky, Founder and VP of Marketing for BroadLight. “Our PON expertise goes back nearly a decade and has contributed greatly to the industry establishment of GPON.”

This US Patent, number 7,376,144, describes a method of how to natively transport services such as voice and data over PON. This method eliminates the need to convert services into a single protocol at the transmitting end and then having to convert them back to their original service type at the receiving end.

#### **About BroadLight**

BroadLight delivers the industry's only end-to-end (E2E) solution (from the customer premises to the central office) for equipment vendors designing ITU-T compliant passive optical network (PON) systems. The company's completely integrated product line consists of standards-based communication semiconductors and software solutions that enable its customers to deliver BPON and GPON equipment to carriers and services providers worldwide. This E2E solution provides customers with a lower risk development cycle and enables them to significantly speed time-to-market. As a result, BroadLight technology has been adopted by leading manufacturers who are currently providing equipment for some of the world's largest fiber PON roll-outs.

###

**BroadLight Public Relations**

Kelly Karr

408-718-9350

[kkarr@broadlight.com](mailto:kkarr@broadlight.com)

BroadLight and the BroadLight logo are trademarks of BroadLight, Inc. All other trademarks are the property of their respective holders.