



## **Resolute and BroadLight Team Up to Enable Carrier Grade Circuit Emulation Services over GPON**

*Combining Next-Generation PON and CES technology, the joint solution allows system providers to rapidly design low-cost, converged technology for T1/E1 access applications.*

Modi'in, Israel and Mountain View, CA – May 31, 2005 – Resolute Networks Ltd. and BroadLight Inc. today announced a joint technology solution that enables Gigabit Passive Optical Network (GPON) equipment manufacturers to incorporate T1/E1 voice, leased line and frame relay services in Fiber to the Premises (FTTP) access networks. The cost-optimized, end-to-end Circuit Emulation Services (CES) solution enables standards-compliant, transparent delivery of TDM services through central office and customer premises GPON equipment. The two companies estimate that the requirement for T1/E1-based services over GPON will reach a total of more than 250,000 links serving small and medium business worldwide by 2008.

The joint CES-over-GPON solution is based on BroadLight's BL2000 integrated GPON System on Chip and Resolute's standards-based pseudo-wire CES modules. The solution will enable 1 to 4 T1/E1 ports on the Optical Network Termination (ONT) side and circuit emulation aggregation at up to OC-3 rates (155 Mbps) at the Optical Local Termination (OLT) in the central office. Resolute and BroadLight are co-marketing the CES over GPON (CESoGPON) solution to telecommunications system vendors and service providers worldwide.

"CESoGPON extends our TDM service offering of native TDMoGEM on our E2E GPON and enables PON systems to unify both low-cost residential and business service applications" says Didi Ivancovsky, Founder and VP Products at BroadLight. "Transport of converged TDM and data traffic significantly reduces OLT and ONT system complexity and cost, and enables rapid deployment of business services."

"CES deployments represent a strong move by telecommunication operators to address small to medium size business clients' demand for cost effective TDM services," states Gady Vekslar, VP Business Development at Resolute Networks. "Resolute's pseudo-wire CES technology, combined with BroadLight's leadership in the emerging GPON market, will accelerate the deployment of GPON-based TDM services by the large operators."

Both companies will showcase their product portfolio at SUPERCOMM 2005. Resolute will demonstrate its CES technology at the Metro Ethernet Forum (MEF) SUPERDemo, Booth # 48085. Resolute will also be presenting: "Circuit Emulation - Evolution, Not Revolution" at the MEF Theater, Tuesday, June 7 at 11:30. BroadLight will exhibit its comprehensive end-to-end (E2E) PON solutions at its Booth # 73012. BroadLight will also participate in the ITU-T

interoperability initiative. The ITU-T FTTP Pavilion (Booth # 76088) will feature passive optical network (PON) equipment built according to the ITU-T G.983 and G.984 series of Recommendations.

### **About BroadLight**

BroadLight delivers the industry's only end-to-end solution (from the customer premises to the central office) for equipment vendors designing passive optical networks (PONs). The company's completely integrated product line consists of standards-based digital and analog optical transceivers, communication semiconductors and software solutions that enable its customers to deliver ITU-T PON equipment to carriers and services providers worldwide. This end-to-end 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 is headquartered in Mountain View, Calif. and has an R&D facility in Israel. More information about the company can be found at [www.broadlight.com](http://www.broadlight.com).

### **About Resolute Networks**

Resolute Networks Ltd. is the leading provider of standards-compliant sub-system and OEM solutions for circuit-emulation applications. Resolute's solutions are based on the company's silicon and sub-system technology optimized to support high performance converged telecommunication services over Ethernet, MPLS and IP infrastructures. Based in Modi'in, Israel, Resolute Networks has a worldwide presence and markets its products in North America, Europe and Asia. For more information, visit [www.resolutenetworks.com](http://www.resolutenetworks.com).

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