

For Immediate Release

Next-Generation Ethernet Services Over Legacy Infrastructure from Telrad, using TranSwitch's PDH Device

Telrad and TranSwitch pioneer standards-compliant EoPDH platform

SHELTON, CT – April .22, 2007 – Telecom vendors can now rapidly deploy EoPDH (Ethernet over Plesiochronous Digital Hierarchy) technology through CPE (Customer Premises Equipment) and an AMC (Advanced Mezzanine Card) module developed jointly by TranSwitch® Corporation (NASDAQ: TXCC), a leading provider of carrier-class semiconductor solutions, and Telrad Networks, a carrier-grade communications equipment vendor. The TAG-10c, available from Telrad, is a 1U CPE platform for EoPDH at the customer site, and the TAG-10a is a standard AMC module, easily integrated into telecommunications equipment.

Telrad provides next generation solutions for connectivity between TDM networks and all IP networks. The TAG-10a and TAG-10c can be used for wireless backhaul and SMB/MTU/DSLAM access and these products are based on TranSwitch's EtherMap®-PDH device. These solutions allow the transport of native Ethernet frames over the well-established PDH (E1/T1/J1, wideband DS3 or channelized DS3) telecommunications infrastructure, which is particularly valuable to carriers worldwide.

"EoPDH paves the pathway for interoperability and the gradual migration of carriers to Ethernet networks," said Meir Bass, CTO of Telrad Networks. "Our TAG-10a and TAG-10c are capable of transporting legacy and next-generation Ethernet services simultaneously over a channelized DS3 signal. This unique functionality, enabled by TranSwitch's EtherMap-PDH, will allow carriers to offer new revenue-generating services without cannibalizing legacy ATM/FR/leased line services."

TranSwitch and Telrad are pioneers in the standards-compliant EoPDH technology, bringing cost-effective Ethernet services closer to the subscriber. This technology allows the complete reuse of existing infrastructure, both equipment and physical medium like copper or fiber. EtherMap-PDH, using GFP/VCAT/LCAS, is a carrier-grade, VLSI device with a robust protocol, better latency, and it delivers higher network availability when compared to ML-PPP.

The EtherMap-PDH device is a protocol converter that transports Ethernet services over existing PDH signal formats. The flexibility of the device enables the mapping of Ethernet frames via GFP/HDLC/LAPS into bonded PDH signals. EtherMap-PDH is compliant with the recently ratified ITU-T G.8040, G.7043 and G.7042 standards. The device can be designed into any platform that has a PDH interface for wireline and wireless applications. It is used in both customer premise equipment and the central office of service providers.

At Telrad, the EtherMap-PDH is providing the most granular VCG (Virtual Concatenation Group) mapping for bandwidth efficiency, as well as integrated VLAN (Virtual Local Area Network) support and LCAS (Link Capacity Adjustment Scheme) for improved robust operation. It allows Telrad to provide flexible and cost-effective solutions for the global carriers they serve. The flexibility of the EtherMap-PDH to support legacy and next-generation services ensures that there is no cannibalization of existing ATM/FR/leased line services.

ABOUT TELRAD NETWORKS: Telrad Networks has been developing carrier-grade communications equipment for more than half a century. Telrad provides development capabilities that focus on integration of core technologies into standardized, Tier-1 carrier-class products. Telrad is devoted to providing a highly flexible development team, allowing its partners and customers a high level of control in the development cycle and product roadmap. For more information, visit www.telrad.com.

ABOUT TRANSWITCH: TranSwitch Corporation designs, develops and markets innovative semiconductors that provide core functionality and complete solutions for voice, data and video communications network equipment. As a leading supplier to telecom, datacom, cable television and wireless markets, TranSwitch customers include the major OEMs that serve the worldwide public network, the Internet, and corporate Wide Area Networks (WANs). TranSwitch devices are inherently flexible, many incorporating embedded programmable microcontrollers to rapidly meet customers' new requirements or evolving network standards by modifying a function via software instruction. TranSwitch implements global communications standards in its VLSI solutions and is committed to providing high-quality products and services. TranSwitch, Shelton, CT, is an ISO 9001:2000 registered company. For more information, visit www.transwitch.com.

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