



data communications

New Product Release

RAD's New TDM Pseudowire Gateway Maximizes Operability over Any Infrastructure

*IPmux-24 Provides Cost-Effective, End-to-End
Performance Measurement and Accurate Clock Synchronization*

May 13, 2008: RAD Data Communications, the telecommunications vendor that developed and first introduced pseudowire solutions to the market nine years ago, has unveiled the IPmux-24 TDM pseudowire gateway, which maximizes operability in transporting legacy traffic over packet-switched networks (PSNs).

Leased Line Solution for Alternative Carriers

The IPmux-24 transparently emulates up to four E1/T1 TDM user traffic data streams over next generation Ethernet, IP and MPLS networks. "Alternative carriers wishing to offer leased-line legacy services over PSNs and incumbent carriers seeking a migration solution to packet-based infrastructure will find the IPmux-24 ideally suited for their needs," states Eyal Gabay, Senior Product Line Manager at RAD Data Communications. "In addition, the IPmux-24 is also a versatile solution for reducing operating costs (Opex) of corporate communications."

Circuit Emulation Lowers Cellular Operator Opex

A new adaptive clock recovery algorithm incorporated into the IPmux-24 greatly improves the ability to maintain high accuracy synchronization under changing traffic network loads. "This is critically important in the cellular environment," Gabay notes. "2G, CDMA and GSM cellular operators can substantially lower their Opex by using the IPmux-24 to run multi-generational mobile backhaul traffic over affordable PSNs using circuit emulation technology."

Supports All Existing TDM Pseudowire Standards

The IPmux-24 introduces a hardware platform featuring a multi-standard TDM pseudowire ASIC processor designed by RAD that supports all existing TDM pseudowire standards: TDMoIP®, CESoPSN, SAToP, and HDLCoPSN. This enables all pseudowire solutions to be optimized in tandem with existing network infrastructure. In addition, the IPmux-24 will support up to three Gigabit Ethernet ports that can be ordered as SFP slots or built-in 100BaseT ports.

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TDM Pseudowire OAM

RAD's TDM pseudowire Operations, Administration and Maintenance (OAM) enables TDM pseudowire performance monitoring while ensuring the correct end-to-end pseudowire provisioning. 802.1Q switching and QinQ (VLAN stacking) support guarantee enhanced Ethernet capabilities, such as Ethernet switching and bridging, to support all types of L2 networks.

MEF Certified

The IPmux-24 TDM access gateway is MEF-9 certified, verifying service compliance at the UNI (User Network Interface), and MEF-14 certified for Ethernet Private Line (EPL) services.

About RAD

Founded in 1981, RAD Data Communications is now marking 25 years of innovation as an industry leader in the development of access solutions for data and telecommunications applications. RAD's solutions serve the data and voice access requirements of service providers, incumbent and new carriers, and enterprise networks, by reducing infrastructure investment costs while boosting competitiveness and profitability. The company's installed base exceeds 10,000,000 units and includes more than 150 carriers and operators around the world. These customers are supported by 23 RAD offices and more than 300 channel partners in 164 countries.

RAD is a member of the RAD Group of companies, a world leader in networking and internetworking product solutions.

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