



**Total Access 5000 Positions Carriers for Move to Converged Networks; Revolutionary Platform Offers IP/Ethernet Core, Reducing Operations Costs for Delivery of Next-Generation and Legacy Services**

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HUNTSVILLE, Ala. - (BUSINESS WIRE) - March 20, 2006 - ADTRAN(R), Inc. (NASDAQ: ADTN), a leading supplier of next-generation network solutions, today announced the Total Access(R) 5000 Multi-Service Access and Aggregation Platform. This platform revolutionizes converged networking by enabling service providers to deliver next-generation services like IPTV and Voice over IP (VoIP) across an all IP/Ethernet core without stranding their legacy service base, thus creating a scalable service delivery model across the network.

"Our access strategy is focused on providing a full suite of broadband platforms enabling a wide range of services. This strategy has been successful with deployments of our products by every major wireline service provider in the U.S. as well as a growing number of global carriers," said Jay Wilson, vice president of product marketing, ADTRAN Carrier Networks Division. "Today, carriers are focused on network convergence, which is driving the evolution of their broadband networks to optimized transport, aggregation and the latest access technologies. The Total Access 5000 is the perfect solution to address these market needs."

Offering a pure IP/Ethernet core, the Total Access 5000 provides both emerging and existing service interfaces over copper and fiber, easily supporting even the most bandwidth intensive applications. It provides a scalable architecture that is designed to migrate with the network, providing flexible copper and fiber termination options. In addition, the Total Access 5000 offers uplink into both legacy and next-generation core networks, including support for both TDM and VoIP switches. Its ability to convert traditional voice and legacy data to IP provides carriers with a platform that seamlessly integrates with IP Multimedia Subsystems (IMS) standards.

"Today, carriers are looking for ways to increase revenues and lower operational costs as they roll out advanced, IP-based services," said Jeff Heynen, directing analyst, Broadband and IPTV, Infonetics Research. "ADTRAN is addressing this need with the Total Access 5000. This product intelligently supports both emerging and legacy services using an IP/Ethernet core, allowing carriers to quickly and easily transition to converged networks."

The Total Access 5000 supports a wide range of network applications including IP DSLAM, broadband loop carrier, Fiber to the Node (FTTN), Metro Ethernet services via both fiber and bonded copper, access and aggregation, media gateway and future support for fiber to the premises (FTTP). Key global, standards-based technologies are being integrated into the product, such as Ethernet in the First Mile (EFM), ADSL2+, VDSL2, Resilient Packet Ring (RPR), Pseudowire Emulation Edge-to-Edge (PWE3), and Gigabit Passive Optical Networking (GPON).

The Total Access 5000 is supported by ADTRAN's Total Access Element Management System (EMS) for integrated operational support. This industry-proven system utilizes an all-Java architecture to provide configuration, performance, network assurance, accounting, and security functions for ADTRAN's Total Access Systems, OPTI(R) systems, and MX products.

The Total Access 5000 is available in a 23-inch chassis for domestic applications as well as a 19-inch chassis for international applications. This product is currently shipping.

About ADTRAN

ADTRAN, Inc. is one of the world's most successful network access equipment suppliers, with an 18-year history of profitability and a portfolio of more than 1,400 solutions for use in the last mile of today's telecommunications networks. Widely deployed by carriers and enterprises alike, ADTRAN solutions enable voice, data, video, and Internet communications across copper, fiber, and wireless network infrastructures. ADTRAN solutions are currently in use by every major U.S. service provider and many global ones, as well as by thousands of public, private and governmental organizations worldwide.

For more information, contact the company at 800 9ADTRAN (800 923-8726) or via email at [info@adtran.com](mailto:info@adtran.com). On the Web, visit [www.adtran.com](http://www.adtran.com).

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