

**ADTRAN Introduces `Total Access 750' Integrated Access Device (IAD) for Emerging Carrier Market**

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The New Total Access(TM) 750 System is the First Carrier Class Solution for Voice and Data Termination over a Single T1

ADTRAN, Inc. (Nasdaq:ADTN), introduced today its Total Access 750 product line designed primarily for the emerging competitive carrier market. Clearly the fastest-growing segment of the telecommunications industry, the competitive carriers are now provided a cost-effective means to offer combined voice and data traffic over a single T1 line for small to medium-sized businesses.

Before the introduction of the Total Access 750 system, competitive carriers have had limited options for carrier class technology at the customer site, including expensive and cumbersome products with limited flexibility and complicated maintenance requirements. ADTRAN's new modular product solves these problems.

For competitive carriers, the Total Access 750 system's most compelling features include delivery of up to 24 POTS, or telephone lines; a V.35 port for high-speed data transmission; ISDN basic rate; a Fractional T1 port for direct connection to a business' PBX system; TR-08 signaling for compatibility with a carrier's Central Office switch; and more in a small, modular, high-density platform.

"With the Total Access 750 system, service providers are given a powerfully adaptive `grow-as-you-go' architecture for integrated services," said Tom Stanton, ADTRAN Vice President of Carrier Network Marketing. "In addition to the modularity, scalability and flexibility of the system, the Total Access 750 platform comes at the most competitive price in the industry when compared to similar products. It offers this broad feature set from a remarkably compact chassis."

The Total Access 750 chassis is the size of a sheet of paper measuring only 3.5 inches by 8.5 inches by 11 inches. It uses a minimum amount of rack or wall space at the customer's premises or in a remote terminal. With today's enterprise equipment room space often coming at a premium, the ability to do more in a small area is critical.

The modular approach of the Total Access 750 system allows carriers the flexibility to easily mix voice and data units based on the specific requirements of each customer application. For instance, a Competitive Local Exchange Carrier (CLEC) might place the Total Access 750 platform in a customer's premises for delivery of 16 phone lines and high-speed Internet access, all at the lowest cost per port in the industry. The scalability of the Total Access 750 platform allows for more cost-effective configuration options and capital investment, because it is based on customer demand rather than inflexible hardware requirements. For example, if only eight phone lines and Internet access are needed initially, those modules can be purchased with the confidence that a broad range of readily available voice or data modules can be added later.

The Total Access 750 chassis combines up to six voice modules that carry four phone lines each for a total of 24 available lines. Modules for data transmission are also available, including a V.35 interface for data transport and direct connection to the end-user's network router. A Fractional T1 Drop-and-Insert port on the rear of the unit

provides a convenient method of connecting a company's PBX system and partitioning the exact amount of transmission bandwidth desired. The Total Access 750 system also provides DDS and ISDN access modules.

The efficient design of the Total Access 750 system also provides the industry the first "maintenance friendly" system of its kind. For example, the modular design gives service providers easy access to the voice and data modules, power supplies, and battery backup system. An individual module may be exchanged without disrupting other units, and the 4-phone-lines-per-module design ensures that a maximum of only four users is affected if a module has to be replaced. Until now, service providers have been locked into non-modular systems hosting a minimum of eight to 12 phone lines per board.

Another unique feature of the system is the automatic gain provisioning for the analog channel units. This feature automatically adjusts the strength of the voice signal to the appropriate level for the distance it travels. Previously, this signal strength was adjusted manually for each circuit. By providing that adjustment automatically, the Total Access 750 platform expedites installation and decreases the chance of provisioning errors.

"Once again, ADTRAN has anticipated the needs of a very important segment of the market," Stanton said. "The Total Access 750 system leverages the industry-leading end-to-end technologies that ADTRAN has developed through the years and offers NEBS Level 3 and UL 1950 compliance. It's just another reason that ADTRAN continues to be a vital business partner for telecommunications service providers."

The Total Access 750 system is one member of a family of carrier class integrated access devices that also includes the Total Access 3000 and the Total Access 1500 product lines. The Total Access 3000 system integrates all of ADTRAN's industry-leading loop technologies into a single intelligent, broadband platform. The other members of the Total Access family can also be managed through the Total Access 3000 platform. The Total Access 1500 system is a mid-size integrated access device providing up to 96 circuits and three main services - voice transmission, special data services and compatibility with xDSL transmission technologies - also from a high-density, compact chassis.

The Total Access 750 system also complements ADTRAN's Enterprise T1 products including the number one market leading TSU series. The Total Access 750 system with 24 voice channels will list for \$2,545 with general availability scheduled for June 1999.

About ADTRAN

Established in 1985, ADTRAN, Inc. is a leading provider of network deployment and access solutions for delivering today's digital telecommunications services over existing copper infrastructures.

Today, ADTRAN technologies support more than two-million local loops worldwide. More than 500 ADTRAN products support all major digital technologies, including T3, T1, E1, Frame Relay, DDS, HDSL, xDSL, ISDN, and wireless transport. In the carrier network and enterprise markets, ADTRAN produces a complete end-to-end solution that provides the greatest network efficiency and lowest possible telecommunications costs.

According to Dataquest and IDC, ADTRAN holds revenue-leading positions in the Frame Relay/DDS, ISDN Extension and HDSL/T1/E1 network and access markets. ADTRAN customers include the Regional Bell Operating Companies, interexchange carriers, GTE, domestic independent service providers, corporate end users, international customers and original equipment manufacturers.

For more information, contact the company at 800 9ADTRAN (800/923-8726), 256/963-8000, or via e-mail at info@adtran.com. On the web, visit www.adtran.com.

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