

**ADTRAN Demonstrates Industry's First End-to-End G.shdsl Deployment Solution; Total Access-TM-System Speeds Availability of New Technology**

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HUNTSVILLE, Ala.--(BUSINESS WIRE)--June 6, 2000--ADTRAN, Inc. (NASDAQ: ADTN) announced today that it is demonstrating the first complete, last-mile deployment solution for the industry's newest DSL standard, G.shdsl, using the Total Access System. G.shdsl is the draft ITU standard (G.991.2) for Symmetric High Bit-rate Digital Subscriber Line (SHDSL) technology. Carriers deploying G.shdsl will be able to deliver symmetric data rates up to 2.3 Mbps over a single copper pair at distances 15 - 20% greater than current 2B1Q-based SDSL technology. G.shdsl's spectral compatibility means no binder group restrictions, making it much easier for carriers to deploy. Also, G.shdsl works well over existing copper lines with all impairments and impedances, reducing the need for costly truck dispatches.

ADTRAN's G.shdsl deployment solution consists of two components: Total Access 3000 configured as a DSL Access Multiplexer (DSLAM) with ADTRAN's new 8-port G.shdsl access module, and Total Access 850 Integrated Access Device (IAD). The Total Access System with G.shdsl provides carriers a flexible, modular, end-to-end solution that extends DSL reach, is spectrally compatible with other DSLs, and is interoperable for guaranteed operation in multivendor environments.

"We're pleased to offer a G.shdsl solution to the market," said Kevin Morgan, Director of Product Management for ADTRAN's Carrier Networks Division. "The potential of this new, high-speed, symmetric technology is becoming increasingly attractive to carriers. Using ADTRAN's Total Access System for G.shdsl deployment allows the carrier to capture more of the lucrative small to medium-sized business market."

ADTRAN's new 8-port G.shdsl Access Module will be its fifth generation of products using TC PAM line coding, the same line coding adopted for HDSL2. The G.shdsl module is compatible with both ATM and Frame Relay networks. Configured with twenty-eight, 8-port G.shdsl Access Modules, Total Access 3000 will support 224 subscriber line interfaces in six inches of rack space. Compact enough to fit easily into a crowded Central Office (CO) or Remote Terminal (RT), and with enough capacity to handle rapidly expanding DSL service requirements, Total Access 3000 will significantly reduce deployment costs and increase revenue opportunities. Since it is temperature-hardened, it can be deployed in a wide variety of outside plant enclosures. The modular, scalable design of the Total Access System carries over to the Total Access 850 IAD, which will make supporting G.shdsl as simple as swapping a card.

ADTRAN will demonstrate its G.shdsl deployment solution at Supercomm, June 6 - 8, in Booth 527.

About ADTRAN

Established in 1985, ADTRAN, Inc. is a leading provider of deployment and access solutions for carrier and enterprise networks. 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, HDSL2, DSL, ISDN, wireless transport, and network management. According to Dataquest and IDC, ADTRAN holds revenue-leading positions in the Integrated Access, Frame Relay/DDS, and ISDN Extension and HDSL/T1/E1 markets. ADTRAN customers include the Regional Bell Operating Companies, interexchange carriers, GTE, domestic independent service providers, Competitive Local Exchange Carriers, corporate end users, international customers, and original equipment manufacturers.

For more information, contact the company at 800 9ADTRAN (800 923-8726) or via e-mail at info@adtran.com.
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