

CTDI Press Release

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CTDI Introduces the XCel-4e Rural DSL Extension System

West Chester, PA (December 2, 2008) Communications Test Design, Inc. (CTDI), a global leader in the engineering, manufacturing, and maintenance of telecommunications networks, announced today the release of the XCel-4e, its latest Broadband DSL Extension product.

With the growing demand for broadband internet access, many remote users have limited options for broadband DSL. CTDI's new XCel-4e optimally addresses this demand by delivering 8Mbps DSL service to remote users, including subscribers located more than 100kft from a DSLAM. CTDI is committed to bringing broadband access to rural users by enabling carriers to deliver high-speed service to any subscriber, anywhere in the network.

The XCel-4e system transparently extends existing central office or remote DSLAM-based ADSL2+. Each Xcel-4e system accepts four ADSL2+ subscriber lines from the DSLAM. These four lines are then carried on a single copper pair at a rate of 8 Mbps. Using line-powered repeaters, providers can reach four customers per system at a distance of 40kft from the DSLAM*. For longer loops, CTDI will be introducing a locally powered repeater to deliver ubiquitous broadband - access of up to 8Mbps per user for all subscribers, regardless of location.

As opposed to passive repeaters which simply amplify the signal, the Xcel-4e fully terminates and regenerates the signal allowing it to be repeated multiple times. "The XCel-4e should be exciting for carriers since it enables 8Meg DSL service at any distance, using existing copper plant, with an enticing business case. The release of the XCel-4e also shows CTDI's commitment to our customers through innovation and our investment in R&D.", states Brian Parsons, Director of CTDI's Products Division.

Over the past months, CTDI has successfully deployed the XCel-4e with three customers. These beta trials have included varying cable characteristics and physical geographies. In each case, the end-user achieved more than 8Mbps service, thus providing incremental sales for the carrier through its new high-speed DSL product offering. The XCel-4e is now available from CTDI; for more information, or for additional CTDI Products, visit www.ctdi.com.

*Rates and distance depend on the wire gauge.

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About CTDI

A premier Telecommunications service company headquartered in West Chester, PA., CTDI has provided groundbreaking maintenance and product service solutions to the global telecommunications industry since 1975. Today, CTDI offers the most comprehensive Service Portfolio in the industry that includes: Wireline Repair & Logistics, Wireless Repair & Logistics, Engineering and Installation services, Global Supply Chain solutions and Product Engineering & Manufacturing. Today, CTDI services Original Equipment Manufacturers (OEM) and Carriers from 39 international strategic repair and logistics locations supported by an experienced team of over 3,500 telecommunications professionals. CTDI feels we are the best in the industry at what we do and has a company-wide commitment to achieving service excellence. CTDI has also developed a world-class suite of telecom products through focused engineering and strategic acquisitions, including the SwitchMAX, Phoenix Wireless, Verilink, GoDigital, AccessNode, and eluminant product families. For more information, visit www.ctdi.com.