

CTDI Press Release

Contact: James O'Hara, CTDI Director of Marketing
(610) 793-8145 (johara@ctdi.com)

David Culver, Boyd Tamney Cross
(610) 254-7426 (dculver@btcmarketing.com)

FOR IMMEDIATE RELEASE

Field Tests Show New DSL Extension System from CTDI Provides Telecom Industry's Greatest Extended DSL Reach for Rural Areas

XCel-4e system's unique rural DSL extension capabilities align with goals of American Recovery and Reinvestment Act's \$7.2 billion Broadband Initiative.

WEST CHESTER, Pa. – March 30, 2009 – Independent field tests recently conducted in four states have demonstrated that the XCel-4e DSL extension system from Communications Test Design, Inc. (CTDI) provides greater extended DSL reach for rural areas than any competitive extension product at comparable speeds. The new XCel-4e optimally addresses demand for broadband Internet access by delivering 8 Mbps DSL service to remote users, including subscribers located more than 100 kilofeet (kft) from a DSLAM. The tests were conducted over a five-month period in California, Illinois, Nebraska and New Mexico.

The XCel-4e's capabilities make it ideal for inclusion in rural DSL extension projects for which \$7.2 billion in federal funding is being made available as part of the American Recovery and Reinvestment Act, signed by President Barack Obama on February 17, 2009. The Act's Broadband Initiative, aimed at providing ubiquitous broadband throughout the country, will provide grants to competitive local exchange carriers, independent telephone companies, power utilities and other organizations.

XCel-4e Service & Cost Benefits: 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 standard rate of 8 Mbps. Using line-powered repeaters, providers can reach four customers per system at a distance of more than 100 kft from the DSLAM*. 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. For loops longer than roughly 75 kft, CTDI offers an express powered repeater to deliver ubiquitous broadband access targeted at 8 Mbps per user for all subscribers, regardless of location.

The XCel-4e is a cost effective addition to any rural broadband DSL extension system, requiring no fiber, less equipment, including less cable and fewer structures for CPE equipment, and less installation manpower.

“The recent field tests demonstrate that the XCel-4e is an exceptionally robust broadband DSL extension product,” said Brian Parsons, Director of CTDI’s Products Division. “Carriers that are considering submitting grant applications and proposals for the stimulus package’s Broadband Initiative may find the XCel-4e to be a perfect fit for their broadband expansion plans. CTDI has already invested its time and resources into understanding the Broadband Initiative, and our goal is to partner with our customers any way we can to expedite the grant-writing and application process.”

For more information about the XCel-4e, results of the field tests or the American Recovery and Reinvestment Act’s Broadband Initiative, visit www.ctdi.com or call (610) 793-8587.

* Rates and distance depend on the wire gauge.

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.