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Integra Telecom Taps Tollgrade's DigiTest[®] ICE[™] Test Technology for System Wide Deployment

PITTSBURGH, August 22, 2008 – Integra Telecom Inc., a facilities-based, integrated communications carrier for business, has selected Tollgrade Communications' (NASDAQ: TLGD) broadband service assurance probe - DigiTest[®] ICE[™] - for deployment in a system wide test initiative to further improve performance delivery for Integra's services. A first release of DigiTest ICE became generally available in the U.S. market earlier this summer.

DigiTest ICE is Tollgrade's latest generation broadband service assurance test probe, which has been size and cost reduced to address the requirements of both Central Office-based services and next generation IP network remote cabinets. This solution is uniquely designed for installation at the remote FTTN site – inside the cabinet – placing it closer to the customer where it is able to segment faults between the access network and customer and visibility of the customer experience.

The compact ICE test probe is managed by Tollgrade's LoopCare[™] Test OSS, a key software component of this deployment. It is designed to support a full suite of physical layer measurements and prequalification tests for ADSL and ADSL2+ service delivery.

"As Integra continues to grow, we are constantly striving to maintain our high standards of quality customer service and reliability across our entire system," said Steven Fisher, Integra's Vice President of Operations. "Upon completion, this test system will further ensure the service reliability of our entire network, a key metric of our customer service programs," he added.

"We worked closely with Integra to identify the right testing solution for its expanding footprint and service offerings," said Paul Lloyd, Tollgrade's Director of Product Management. "DigiTest ICE and LoopCare will provide the capability of identifying, validating and locating trouble sources in the customer's current and next generation telco networks, therefore reducing unnecessary service dispatches," he added.

This test system deployment initiative is expected to be completed before the end of 2008.

(more)

About Integra Telecom

Integra Telecom Inc. provides voice, data and Internet communications to thousands of business and carrier customers in 11 Western states, including: Arizona, California, Colorado, Idaho, Minnesota, Montana, Nevada, North Dakota, Oregon, Utah and Washington. The company owns and operates a best-in-class fiber-optic network comprised of metropolitan access networks, a nationally acclaimed tier one Internet and data network and a 4,700-mile high-speed long haul network. The company has earned some of the highest customer loyalty and customer satisfaction ratings in the telecommunications industry. Primary equity investors in the company include Warburg Pincus, Banc of America Capital Investors and Boston Ventures. Integra Telecom and Electric Lightwave are registered trademarks of Integra Telecom Inc. For more information, visit www.integratelecom.com.

About Tollgrade

Tollgrade Communications, Inc. is a leading provider of network service assurance products and services for centralized test systems around the world. Tollgrade designs, engineers, markets and supports centralized test systems, test access and status monitoring products, and next generation network assurance technologies for the broadband marketplace. Tollgrade's customers range from the top RBOCs (Regional Bell Operating Companies) and Cable providers, to numerous independent telecom, cable and broadband providers around the world. Tollgrade's network testing, measurement and monitoring solutions support the infrastructure of cable and telecom companies offering current and emerging triple play services. Tollgrade, headquartered near Pittsburgh in Cheswick, Pa., and its products and customer reach span more embedded access lines than any other test and measurement supplier. For more information, visit Tollgrade's web site at www.tollgrade.com

Forward-Looking Statements

The foregoing release contains "forward-looking statements" regarding future events or results within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, including statements concerning the Company's current expectations regarding the Company's ability to introduce next generation network technologies into existing customer infrastructures and to execute its strategies. The Company cautions readers that such "forward-looking statements" are, in fact, predictions that are subject to risks and uncertainties and that actual events or results may differ materially from those anticipated events or results expressed or implied by such forward-looking statements. The Company disclaims any current intention to update its "forward-looking statements," and the estimates and assumptions within them, at any time or for any reason. In particular, the following factors, among others could cause actual results to differ materially from those described in the "forward-looking statements:" (a) the inability to gain market or specific customer acceptance of our new products within the customer base; (b) the inability to complete or possible delays in completing certain research and development efforts that may be required for product release, implementation and general availability; (c) our dependence upon a limited number of third party subcontractors to manufacture certain aspects of the products we sell, including the products which are the subject of this release; and (d) the inability to make changes in business strategy, development plans and product offerings to respond to the needs of the significantly changing telecommunications markets and network technologies.

Other factors that could cause actual events or results to differ materially from those contained in the "forward-looking statements" are included in the Company's filings with the U.S. Securities and Exchange Commission (the "SEC") including, but not limited to, the Company's Form 10-K for the year ended December 31, 2007 and any subsequently filed reports. All documents are also available through the SEC's Electronic Data Gathering Analysis and Retrieval system at www.sec.gov or from the Company's website at www.tollgrade.com.

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