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TOLLGRADE FEATURES LATEST SERVICE ASSURANCE SOLUTIONS AT BROADBAND WORLD FORUM EUROPE IN BRUSSELS, SEPT. 30 – OCT. 2

Pittsburgh, PA, September 29, 2008 – Tollgrade Communications, Inc. (NASDAQ: TLGD), a leading supplier of service assurance solutions for the telecom and cable industries, will exhibit its latest IP service assurance solutions at the Broadband World Forum Europe conference taking place in Brussels from September 29 through October 2, 2008. Tollgrade will be among more than 100 of the world's top carriers, content providers and suppliers exhibiting the latest information and communications technology advancements.

Tollgrade will feature the LoopCare™ and Celerity® access network service assurance solutions along with its latest IP triple play test units, the new DigiTest® ICE™ and the Loop Diagnostic Unit (LDU) 50 at Booth #180.

“We have brought to the global market proven solutions that enable telecom operators to provide ‘best in class’ service assurance to their customers while helping to manage the operational efficiency of their repair organizations during transition from their current to next generation broadband networks and services,” said Chris Barton, Tollgrade’s Executive Director of Marketing. “LoopCare and Celerity are industry leading solutions for improving broadband service delivery for networks of all sizes and result in the reduction of unnecessary field dispatches which can ultimately lower operating costs,” said Barton.

Tollgrade has recently introduced its first release of the DigiTest ICE broadband service assurance test probe, which addresses the testing needs of next generation IP networks, providing the ability to segment faults between the access network and customers and visibility of the customer experience. Managed by the LoopCare test management platform, it is designed to support a full suite of physical layer measurements, and DSL synchronizations tests for ADSL, ADSL2+ and G.SHDSL DSLAMs, plus Broadband Internet application layer tests, including ISP emulation to confirm the consumers’ service delivery and provide optimum fault isolation and dispatch. LoopCare’s DSL testing footprint now exceeds over one million broadband lines worldwide.

Also featured is Tollgrade’s LDU 50 test unit, which provides optimum physical testing of lines supporting triple play services served from traditional switched networks, broadband DSLAMs or IP-based Fiber to the Node (FTTN) networks. The Celerity application and the LDU 50 are deployed throughout Europe and in the United States. The LDU 50 enables network operators to reduce the cost of provisioning and maintaining loops carrying voice and broadband data services.

(more)

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 and its products and customer reach span more embedded access lines, more than any other test and measurement supplier. Tollgrade has European offices in the U.K., Belgium and Germany and U.S. offices in Pennsylvania and New Jersey. For more information, visit Tollgrade's web site at www.tollgrade.com.

Forward-Looking Statement

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 expected availability date for new products, and 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 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 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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