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TOLLGRADE AWARDED CERTIFICATION FOR ITS Euro-DOCSIS 1.1 STATUS MONITORING TRANSPONDER

Tollgrade Transponder Enables Operators to Send HMS Monitoring Data Over Existing Euro-DOCSIS Infrastructure

Pittsburgh, PA, USA, September 29, 2005 – Tollgrade Communications, Inc. (NASDAQ: TLGD), a leader in network assurance test and management solutions for cable and telecommunications providers, announced that it has been awarded Certified status by the ECL Euro-DOCSIS Certification Board for its Euro-DOCSIS 1.1 status monitoring transponder during tComLabs' recently completed Wave 20 testing. Tollgrade's transponder for Euro-DOCSIS merges the benefits of SCTE-HMS status monitoring and Euro-DOCSIS standards, allowing operators the opportunity to lower costs and improve efficiencies in monitoring their cable plant by transporting HMS status monitoring data over the shared, revenue-producing Euro-DOCSIS infrastructure.

"Tollgrade's Euro-DOCSIS 1.1 transponder is the industry's first transponder certified for the Euro-DOCSIS network," said Mark Peterson, president and CEO of Tollgrade. "Tollgrade continues to expand its product line to meet the evolving needs of the status-monitoring marketplace. While transponders for North American DOCSIS® networks are now established products, the next logical step in status monitoring technology for Tollgrade is to introduce a transponder for the Euro-DOCSIS network. The Euro-DOCSIS transponder will allow us to extend Tollgrade's IP service assurance strategy to the European market," added Peterson.

Tollgrade's Cheetah product line provides fault/performance monitoring solutions for HFC, DOCSIS, Euro-DOCSIS and IP networks intended to enable cable technicians to significantly increase their plant operation efficiency. Cheetah systems are designed to provide efficient end-to-end solutions that notify users of equipment failure instantly, warn of impending service interruptions and verify equipment status remotely.

Euro-DOCSIS 1.1 includes the features and capabilities beyond Euro-DOCSIS 1.0 that enable cable providers to deliver and support advanced services such as primary line voice, service level agreements and tiered services to meet demands of residential and commercial applications. The Euro-DOCSIS specification administered by tComLabs in Belgium is a version of the DOCSIS specification established by CableLabs® in the U.S., with variations to address unique technical requirements found in European-based cable operations.

About Tollgrade

Tollgrade Communications, Inc. is a full-system provider of leading hardware and software testing solutions for the global telecommunications and cable broadband industries. Tollgrade designs, engineers, markets and supports test systems, test access and status monitoring products. The Company, which is headquartered in the Pittsburgh suburb of Cheswick, PA, USA, recorded 2004 revenues of \$62.8 million. The Company's web address is www.tollgrade.com.

™ Cheetah is a trademark of Tollgrade Communications, Inc.

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Forward-Looking Statements

The statements contained in this release which are not historical facts are considered "forward-looking statements" 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. These forward-looking statements, which may be expressed in a variety of ways, including the use of forward-looking terminology, relate to, among other things, the launch of new products and Tollgrade's role in current network migration, the ability for Tollgrade to make new products commercially available and the effectiveness of such products, the ability for Tollgrade to market and sell its products in international markets, and expected revenues that may be generated from the sales of such new products. Tollgrade does not undertake any obligation to publicly update any forward-looking statements.

These forward-looking statements and other forward-looking statements contained in other public disclosures of Tollgrade are based on assumptions that involve risks and uncertainties and are subject to change based on the considerations referenced herein. These risks, uncertainties and other factors may cause actual results, performance or achievements to differ materially from anticipated future results, performance or achievements expressed or implied by such forward looking statements. In particular, the following factors, among others, could cause actual results to differ materially from those described herein: (a) possible delays in deployment of these technologies due to customers' delay in deployment of new technologies, inability to obtain customer acceptance of the technology or other unforeseen delays; (b) inability to maintain Euro-DOCSIS certification due to technical modifications that may be required in the future which might require that the products be submitted for re-certification, which certification is not guaranteed and the lack thereof could have an adverse effect on sales in international markets; (c) inability to protect our intellectual property from infringement or the possibility that our technology infringes upon the intellectual property rights of others, adversely affecting our ability to market and sell such technology; (d) our dependence upon a limited number of third parties manufacturing our products or specific technology incorporated into our products; and (e) the uncertain economic and political climate in the United States and throughout the rest of the world and the potential that such climate may deteriorate. Tollgrade wishes to caution each reader of this release to consider the factors discussed in past reports filed by Tollgrade with the Securities and Exchange Commission ("SEC") including, but not limited to, Annual Reports and Form 10-K reports from prior years and prior Form 10-Q reports, including, without limitation, Tollgrade's most recent Form 10-Q filed on August 4, 2005. The factors discussed therein may not be exhaustive and, therefore should be read together with other public disclosures of Tollgrade, including, reports that are filed by Tollgrade with the SEC from time to time, which may supplement, modify, supersede or update the factors listed in such reports.

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