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**SPIRENT® COMMUNICATIONS VALIDATES IPTV AND IMS
NETWORKS AND SERVICES AT GMI 2008**

Next-Generation Networks Benchmarked with Industry Leading Test Solutions

Sunnyvale, Calif. - (October 28, 2008) — Spirent Communications (LSE: SPT) today announced its participation at GMI 2008, a global MultiService Forum (MSF) interoperability event, with solutions for IMS-based IPTV service integration and interoperability tests. As a global provider of performance analysis and service management solutions, Spirent has been supporting GMI events since their inception in 2002. This year's emphasis on IMS-based IPTV service gives Spirent an opportunity to showcase its extensive experience in both IPTV and IMS testing.

Spirent is powering the deployment and delivery of next-generation networks and is aligned with GMI's mission to "make Next Generation Networks work". Participating at three of GMI 2008's host locations – the labs of Verizon, NCS and BT/Vodafone – Spirent has contributed more than \$1.6 million in test equipment and 800 hours of professional services expertise. By supporting several test scenarios, Spirent is demonstrating key testing functionality over an IMS architecture including end-to-end Quality of Service (QoS) of VoIP calls, performance of emergency location-based applications such as E911 services, performance of the mobile core network and quality of IMS-based and non-IMS based IPTV delivery. In addition, Spirent was responsible for the development and implementation of test cases for evaluating video quality and related metrics, and IP network impairments based on ITU-T G.1050-2007.

"Delivering high-quality IPTV services over an IMS architecture is particularly demanding because it is technically complex, occupies a significant amount of network bandwidth and even small amounts of network impairments can significantly affect the end-user

experience,” said Jack Douglass, director of video technologies at Spirent Communications. “IMS-based IPTV must support both broadcast and on-demand TV services with the same quality of experience consumers currently have with traditional cable and satellite services. Our expertise in video and IPTV testing, coupled with its leadership in the IMS space, makes Spirent a perfect fit for this GMI event.”

Spirent is providing award winning test solutions to support GMI’s Next Generation Network (NGN) interoperability efforts. [Spirent TestCenter™](#) – an integrated test platform that accelerates conformance, functional and performance testing for converged networks – with its Video Quality Analyzer – allows for the assessment of over 100 metrics related to delivering high quality IPTV. Spirent GEM helps emulate ‘real-world’ IPTV network impairments based on ITU-T Recommendation G.1050-2007 and ANSI TIA-921A. Spirent Abacus is being used for IMS VoIP testing and emergency call services, while Spirent Avalanche is facilitating IPTV multicast video and Web services testing and [Spirent Landslide](#) is testing GSM/UMTS core networks.

Communications industry leaders such as Cisco, Brocade, Alcatel-Lucent and others, who are advancing the next-generation network evolution, depend on multi-functional, comprehensive solutions from Spirent to help ensure that the multi-play networks and multi-technology platforms of tomorrow deliver the Quality of Experience (QoE) which service providers are demanding today. Testing the converged network is a strategic imperative for service providers and network equipment manufacturers to reduce churn and increase revenue potential.

For more information visit: <http://www.spirent.com>

About GMI 2008

GMI 2008 – the Global MSF Interoperability event – will link major carrier labs on three continents in a major demonstration of multi-vendor interoperability between a significant number of NGN elements supporting Implementation Agreements developed in support of the MSF Release 4 Architecture and practical deployment scenarios of interest to major carriers. GMI 2008 uses a networked distributed test

environment comprising five host sites: Verizon, NCS and UNH-IOL in the USA, BT/Vodafone in Europe, and China Mobile in Asia.

About Spirent Communications plc

Spirent Communications (www.spirentcom.com) is a global provider of integrated performance analysis and service assurance systems that enable the development and deployment of next-generation networking technology such as Internet telephony, broadband services, 3G wireless, global navigation satellite systems, and network security equipment. Spirent Communications' solutions are used by more than 1,700 customers in 30 countries, including the world's largest equipment manufacturers, service providers, enterprises and governments. Based in Sunnyvale, CA, Spirent Communications has 1,500 employees worldwide.

Spirent Communications plc Ordinary shares are traded on the London Stock Exchange (ticker: SPT). The Company operates a Level 1 American Depositary Receipt ("ADR") programme with each ADR representing four Spirent Communications plc Ordinary shares. The ADRs trade in the US over-the-counter ("OTC") market under the symbol SPMYY and the CUSIP number is 84856M209. Spirent Communications' sales to the United States government are made through Spirent Federal Systems Inc. www.spirentfederal.com

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