



**MEDIA ALERT:**

**Kontron and Astute Networks to Showcase Streaming Video Demonstration at GSMA Mobile World Congress Exhibition**

**WHAT:** Kontron and Astute Networks Streaming Video Demonstration  
**WHEN:** February 16 - 19, 2009  
**WHERE:** Kontron Booth #2.1B14  
GSMA Mobile World Congress Exhibition, Barcelona, Spain

**DETAILS:**

Kontron, a leading global provider of embedded and open modular solutions, and Astute Networks, Inc., the leading provider of bladed storage solutions optimized for the most demanding applications on the edge of the network, will be presenting a streaming video "read/write" benchmark demonstration at the GSMA Mobile World Congress exhibition in Barcelona, Spain, Feb. 16-19, 2009. The demo is aimed at telecom and network equipment providers (TEMs/NEPs) interested in content delivery solutions utilizing AdvancedTCA® (ATCA) technology. The demo will be displayed in Kontron's booth #2.1B14.

The streaming video will feature the Kontron OM9020, a 2U, two-slot ATCA platform, the Astute Networks Caspian R1100 Edge Storage Blade and the Kontron AT8030 ATCA Intel® based 10GbE node server. The content delivery solution can achieve performance figures of 68K read I/Os per second configured with 375 MB per second read, and 62K write I/Os per second configured with 360 MB per second write using large-block transfers. In comparison, a standard dual processor ATCA server can only attain 15K I/Os per second at 80 MB per second. Conversely, the Kontron AT8030 ATCA 10GbE server node is designed with three Intel® Core™2 Duo processors, each of which is an independent diskless server with its own dedicated memory.

The combined Kontron and Astute Networks solution provides iSCSI over 10GbE support and 1.5 TB of RAID 5 protected storage, capable of sharing 300 standard-definition movies across a large number of subscribers. Even more interesting to TEMs and NEPs is that this two-bladed platform offering can easily scale up to a redundant 14-slot ATCA platform that

supports 1,800 movies within 9 TB of storage deployable for central office environments.  
Any similar proprietary configuration would require nearly three times the space and power.

**About Astute Networks, Inc.**

Astute Networks is the leading provider of bladed storage solutions for edge applications such as Telecom Network Control, IPTV/VoD, Military C4I, and video surveillance. Our focus is to provide you the most reliable storage platform with the highest performance, greatest rack densities, and power efficiencies - while being easy to deploy and maintain. Our solutions enable you to achieve lower lifecycle costs, faster time to market and higher competitiveness for you and your company. Astute Networks is located in San Diego, California and is backed by venture capital firms including Tallwood Venture Capital, Sevin Rosen Funds, Scale Venture Partners, KeyNote Ventures, U.S. Venture Partners and Narra Venture Capital. Additional information is available at [www.astutenetworks.com](http://www.astutenetworks.com). Astute Networks - Edge Storage Made Simple™

**About Kontron**

Kontron designs and manufactures standard-based and custom embedded and communications solutions for OEMs, systems integrators, and application providers in a variety of markets. Kontron engineering and manufacturing facilities, located throughout Europe, North America, and Asia-Pacific, work together with streamlined global sales and support services to help customers reduce their time-to-market and gain a competitive advantage. Kontron's diverse product portfolio includes: boards and mezzanines, Computer-on-Modules, HMI and displays, systems, and custom capabilities. Kontron is a Premier member of the Intel® Embedded and Communications Alliance. The company is a recent three-time VDC Platinum vendor for Embedded Computer Boards. Kontron is listed on the German TecDAX stock exchange under the symbol "KBC". For more information, please visit: [www.kontron.com](http://www.kontron.com).

###

**Astute Networks Contact:**

Kirsten Garvin  
Director of Product Marketing  
Tel: +1 (858) 673-7700 ext. 258  
Email: [kgarvin@astutenetworks.com](mailto:kgarvin@astutenetworks.com)

**Kontron Contact:**

Peter Matz  
Product Marketing Manager  
Tel: +1 (450) 437-5682 x2415  
Email: [Peter.Matz@ca.kontron.com](mailto:Peter.Matz@ca.kontron.com)