



## **ADAX AND KONTRON PARTNERSHIP DELIVERS HIGH PERFORMANCE MicroTCA SIGNALING SYSTEM**

### ***Server Performance on AMC Form Factor***

**04 December 2008, Reading, UK** – Adax, an industry leader in high performance signaling infrastructure, and Kontron, a global provider of embedded and open modular solutions for the communications market, have announced a partnership to deliver high performance telecom signaling systems. This collaboration has begun with the benchmark testing of the Adax HDC3 signaling controller on the Kontron OM5080 MicroTCA system using the AM4010 Processor AMC. The results of this show that when tested against two typical rack mount servers this AMC platform offers comparable performance levels whilst providing a reliable solution with greater flexibility and scalability.

The combined solution is ideal for telecom equipment manufacturers (TEMs) for edge and access applications, radio network controllers (RNCs) and mobile switching centers (MSCs) who need to design redundant systems without any single point of failure.

The tests were designed to determine how much CPU resource is required to maintain the signaling links at full Erlang and to demonstrate that there is still enough processor power in reserve to run an application. As an example: with the system running close to theoretical throughput with a 124 link configuration and MSU size of 32 Bytes, the CPU usage of the AMC system was 11%, and with a message size of 128 Bytes the CPU usage was 6%.

The results showed that the Adax/Kontron solution performs with ease and that the CPU utilization on the lower spec AMC system was comparable with the larger rack mounted servers, demonstrating how well the small form factor is adapted to high performance in compact carrier-grade systems. *A full copy of the benchmarking report is available for download: <http://www.kennetiq.com/adax-benchmark/>*



Commenting on the partnership, Irene Hahner, at Kontron: "In today's ever-changing business environment, Kontron must be able to offer our customers what they need, when they need it. As the only vendor who can support a single software driver and a common API we believe our partnership with Adax provides our customers with the advantage they crave in a crowded market."

"Meeting the demands for faster time-to-market and leading-edge technology has become a necessity and as a result we are delighted to partner with Kontron," explains Robin Kent, director of operations at Adax Europe. "Its MicroTCA platform is well suited for applications with high demands on traffic and throughput and our boards are able to perform many thousands of transactions per second, maximising performance and ensuring no degradation of service for the customer. When combined, the end-user can take advantage of a solution which offers both high performance and cost-saving benefits."

Get the full copy of the benchmark report: <http://www.kennetiq.com/adax-benchmark/> or contact Adax at: [marketing@adax.co.uk](mailto:marketing@adax.co.uk) for further information.

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#### **About Adax Europe Limited**

Adax Europe Limited specialises in signaling infrastructure for today's converging networks, covering all protocols and popular hardware formats to provide the right solution for any signaling requirement. Adax high performance products are available for PSTN, GPRS, 3G and IMS networks.

Adax signaling solutions deliver the high performance, total scalability, fast time to market and rapid return on investment that are essential for telecom companies to stay ahead in a competitive and ever changing industry. Solutions include signaling communications controllers for SS7, ATM and IP; integrated signaling protocol stacks and blades for SS7 and SIGTRAN; and multi-purpose signaling gateways for SS7 and IP interworking.

Adax customers include some of the world's premier telecom suppliers such as Alcatel-Lucent, Ericsson, Nokia Siemens Networks and Tekelec; and value added service (VAS) providers and system integrators such as NetHawk, Bharti Telesoft, and ip. Access.

For more information please visit [www.adax.com](http://www.adax.com) or contact Paul Stallard at Berkeley PR on 0118 988 2992 / [adax@berkeleypr.co.uk](mailto:adax@berkeleypr.co.uk).

#### **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, HMIs 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)

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