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ADAX DOUBLES SIGNALING CAPACITY WITH EIGHT TRUNK SS7 CONTROLLER

HDCIII board boosts network performance and reduces costs for all system types

12 February 2007 – Signaling provider, Adax, is launching the HDCIII board, a high density SS7 controller for NGN convergence platforms offering up to eight trunks and therefore increased connections per system. The board will help operators manage their expanding system requirements, driven by exponential growth in subscribers, making them more scalable whilst reducing costs.

The HDCIII boasts up to eight T1, E1 or J1 trunks, and offers a combination of up to 128 MTP2 Low Speed Links (LSLs) and eight High Speed Links (HSLs). PMC, AMC, PCI/X and PCIe versions of the board will be available, all using Adax's common software driver and consistent API to enhance flexibility and scalability, reduce time to market for new services, maximise application portability and protect investment.

Robin Kent, Director of Operations at Adax Europe, comments: "It took 100 years to get the first billion telecom subscribers, but the continual high demand from developed and emerging markets, such as Brazil, Russia, India and China (BRICs), means that the next billion will appear in just ten years. Recognising that this huge growth is on the horizon, Adax is launching the HDCIII controller to support equipment manufacturers and operators with a robust, highly scalable, portable and reliable signaling infrastructure."

The HDCIII on-board processor performs many thousands of transactions per second, placing minimal load on the host, maximising application performance and ensuring no degradation of service for the customer. With up to 128 MTP2 LSLs and eight HSLs the board has one of the highest densities on the market, and with a large amount of redundancy built in, it can run more connections concurrently than comparable devices. As a result, it is particularly suitable for carrier-level applications that require high capacity and



throughput, such as VAS applications as well as SGs, MGCs, SGSNs, GGSNs, MSCs, HLRs/VLRs and BSS nodes.

Kent concluded: "Flexibility is key when developing telecommunications infrastructures for the future, and we recognise this need throughout our product development. With the HDCIII, all hardware formats, such as PMC, AMC, PCI and PCIe, are supported by a single architecture and software driver so that applications are portable across all systems and all features can be managed through a single API. Furthermore, since the HDCIII has a consistent API with the previous generations of HDC cards, current customers can easily upgrade their applications/systems/architecture with minimal development time."

Further Technical Specifications

- 8 software selectable trunks of full E1, J1 or per card.
- Driver and API maintained with previous generation HDC boards.
- AMC, PMC, PCI/X and PCIe versions supported from a single driver.
- The HDCIII is a single chip TDM signaling solution. On-board processor and streams environment for local MTP2 and LAPB/D protocol execution, reduces CPU overhead and maximises performance.
- Up to 128 MTP2 low speed links (LSLs) per card with high line utilisation.
- Up to 8 MTP2 high speed links (HSLs) per card.
- Software Drivers for Linux, Solaris X.86 and Solaris SPARC as standard. Other OS support on request.

About Adax Europe Limited

Adax Europe Limited develops and manufactures a complete set of telecommunications signaling hardware and software for today's converging networks, covering all signaling protocols and popular hardware formats to provide the right solution for any signaling requirement. These are sold to some of the world's premier telecom equipment suppliers, value added services (VAS) providers and systems integrators.

Adax signaling products enable customers to deploy and manage any application, node or system quickly and efficiently, irrespective of the underlying network interface or architecture. In turn, customers can reduce capital and operational expenditure by creating a high-performance and future-proofed signaling infrastructure that is flexible and scaleable to meet new demands.

Customers include Alcatel-Lucent, Apertio, Bharti Telesoft, Ericsson, IP Access and Motorola. For more information please visit www.adax.com or contact Dan Bowsher or Laura Scott at Berkeley PR on 0118 988 2992 / adax@berkeleypr.co.uk.