

Adax debuts signaling controller for ATM to IP Interworking

Spring 2006 VON, Booth 634, San Jose, CA, March 15, 2006 - Adax Inc., an industry leader in high performance telecommunications signaling infrastructure, today introduced the ATMIII PCI Mezzanine Controller (ATMIII-PMC). This is the company's third generation of highly reliable ATM broadband signaling controllers. The ATMIII-PMC offers enhanced ATM to IP Interworking, full OC3 switching between two (2) ATM ports, as well as two (2) GbE ports one of which may be directed to either the network or the host bus. This new functionality improves termination and switching capabilities, enabling carriers to support both broadband ATM and IP applications simultaneously. Combined with Adax's comprehensive SIGTRAN and lower layer software, the ATMIII facilitates the interworking and transition of bearer and signaling data to IP core networks.

As the telecommunications industry migrates from ATM and SS7 to new IP networks, carriers must rely on signaling controllers like the ATMIII-PMC to support multiple protocols simultaneously. The architecture of the ATMIII-PMC offers an ideal interface to process both ATM and IP signaling and bearer traffic. The board and driver provide advanced Interworking capabilities, including IP routing and forwarding over ATM, as well as AAL2/5 to UDP/IP interworking. The ATMIII on-board 64-bit RISC processor runs control path protocols (SSCOP/SSCF) while the network processor handles all the data paths providing host applications the data they require with minimum system impact. Compatibility with existing Adax APIs guarantees a seamless transition to the ATMIII-PMC for user applications.

Barry Zuckerman, Adax President and CEO, says, " This is the advanced interworking product our customers have demanded. Seamless software compatibility and new software options give them time to market advantage, bringing new applications on-line with existing middleware while linking legacy systems into the optical network. Moreover, it provides the transition path with deployment-ready SS7/SIGTRAN software to the all-IP networks for data and signalling."

The ATMIII-PMC features two OC3/STM-1/STS-3c ports, and two 10/100/1000 Ethernet ports. The PCI Mezzanine Controller (PMC) form factor allows easy integration to



Signaling Solutions for Converging Networks

CompactPCI carrier boards and Single Board Computers (SBCs), ensuring full slot space utilisation, and providing maximum configuration options.

These architecture improvements, combined with the flexibility and scalability of the entire Adax product line, make the ATMIII-PMC an ideal solution for building ATM to IP gateways, as well as 3G RNCs, MSCs, SGSNs, and Node Bs.

General availability of the ATMIII-PMC is scheduled for May 2006.

About Adax

Specializing in signaling infrastructure since 1982, Adax provides high performance SS7, ATM, IP and Interworking products to the world's leading telecommunications companies. Adax communications controllers, protocol software, signaling blades, and signaling gateways offer Network Equipment Providers unparalleled flexibility and efficiency in meeting the challenges of convergence and 3G networks. Typical application areas for Adax products include Signaling Gateways, Media Gateways, Softswitches, GPRS and 3G nodes, Base Station Control, and Billing Mediation. Adax is headquartered in Berkeley, California, with additional offices in the United States, Europe, and Asia

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