



...Building the Telecommunications Infrastructure

Contact Information:
Brian Leeland
ZNYX Networks
(510) 249-0800
brian.leeland@znyx.com

For Immediate Release

ZNYX Networks Launches Second Generation of AdvancedTCA[®] Ethernet Switch Blades

***Modular Design Offers Unprecedented Opportunities for
Telecommunication Equipment Manufactures to Add Value***

EXPO COMM MEXICO 2005 – Mexico City, Mexico – February 8, 2005 – ZNYX Networks Inc, manufacturer of the ZX5000, the first AdvancedTCA[®] (ATCA) switch to be deployed by a major telecommunication carrier, today announced its second generation of switches for the ATCA chassis - the ZX6000 and ZX7000 family of ATCA Modular Switching Platforms. This product family provides an ATCA chassis with a PICMG 3.0 Gigabit Ethernet base fabric, multiple options of PICMG 3.1 Gigabit Ethernet data fabric, extensive Ethernet uplink options and sites to host value-added modularity.

The ZX7000 48-port Gigabit Ethernet switch provides data fabric PICMG 3.1 Option 1 (1 Gigabit Ethernet link) or Option 2 (dual 1 Gigabit Ethernet link) to the payload slots; base fabric PICMG 3.0 (1 Gigabit Ethernet link) to each payload slot; one or two in-band GigE management ports and switch-to-switch interlink; and, on a 16-slot chassis, 4-8 GigE external uplink ports or, on a 14-slot chassis, 6-8 external uplink ports. The uplink ports can be configured for front or rear access, or routed to on-board PMC/PTMC sites.

The ZX6000 24-port Gigabit Ethernet switch provides base fabric PICMG 3.0 (1 Gigabit Ethernet link) to each of the payload slots, one or two in-band GigE management ports and switch-to-switch GigE interlink. The 6-8 external ports, depending on chassis size, can be configured for front or rear access or routed to on-board PTMC sites.



The PMC/PTMC sites provide extensive configuration and value-add modularity. Both Gigabit Ethernet access and PCI bus access are supported. Each site can host a PTMC option 5 (dual Gigabit Ethernet link) module that is directly connected to the switch fabric. Thus, value-added services that require high Ethernet bandwidth such as Security gateways (IPsec, NAT, Firewalls, etc.), system boot services for the line cards, and packet process functionality (MPLS, IPv6 to IPv4 tunneling, etc.) can be hosted on the ZX7000 or ZX6000. Or, a site can host a PMC module which is connected via the PCI bus to the switch management CPU. This gives Telecommunications Equipment Manufacturers access to the wide variety of functions available in the PMC market such as modules for media conversion (ATM, T1/E1, or T3 to Ethernet), storage and memory. The ZX7000 has two PMC/PTMC sites and the ZX6000 has four.

“This next generation switch family provides unprecedented flexibility in meeting the demands of today’s complex telecommunication architectures,” said Connie Austin, President and CEO of ZNYX Networks. “Carriers are demanding higher capacity and higher density solutions without sacrificing flexibility. The extensive input we received from them over the last two years refined our vision for the ZX6000 and ZX7000 and resulted in a perfect solution for this demanding market.”

OpenArchitect[®], the control plane management software developed by ZNYX Networks, provides a scalable management and Ethernet routing software platform and delivers comprehensive L3 routing capabilities, L4-7 filtering, plus Class-of-Service features. In addition, OpenArchitect offers an extensible Linux API environment capable of supporting open-source, 3rd party or proprietary protocol stacks and routing applications. OpenArchitect/HA, a layered application for dual switch chassis, provides a high-speed, fault-tolerant, end-to-end “IP transparent” failover solution for “hot-swappable” Ethernet-based payload blades on a switch-to-switch, VLAN-to-VLAN, or port-to-port basis.

ZNYX Networks is displaying the ZX6000 and ZX7000 in the Intel[®] EXPO COMM MEXICO 2005 booth – 2430.



Early Access versions of the ZX6000 and ZX7000 are available immediately. Volume shipments begin in the second quarter of 2005.

About ZNYX Networks

ZNYX Networks is the leading global provider of high availability embedded Ethernet solutions for CarrierClass™ systems. Equipment manufacturers and systems integrators use ZNYX Networks technologies to create solutions with continuous service, high-performance and strict compliance to telecommunications standards. The ZNYX Networks family of hardware, software and professional services products provide design engineers with pre-built and pre-tested embedded network and switch solutions that offer significant “time-to-market” advantages.

Privately held, ZNYX Networks is headquartered in Fremont, California, with advanced research centers in Santa Barbara, San Francisco and Ottawa, Canada. Sales and professional service offices are in North America, Europe and Asia. For more information, see www.znyx.com, e-mail sales@znyx.com or phone (510) 249-0800.

###

OpenArchitect™, OpenArchitect/HA™ and CarrierClass™ are trademarks of ZNYX Networks, Inc. Other company or product names may be trademarks of their respective holders.