Contact Information:
Kevin Austin
ZNYX Networks
(510) 438-7042
kevin.austin@znyx.com

For Immediate Release

ZNYX Networks Introduces a Fully Integrated, ATCA-based, Packet Processing Platform with Exceptional Egress Capabilities

The ZX1900 enables TEMs to rapidly address high-bandwidth packet processing applications such as Firewalls, Media Gateways and other bump-in-the-wire Security Devices.

Fremont, CA – July 21, 2008 – ZNYX Networks Inc, the leading global provider of embedded high-availability Ethernet switches for CarrierClass™ systems, today announced the release of a low profile 5U system - the ZX1900 Packet Processing Platform. The ZX1900 delivers an "out of the box" switching, routing, and packet filtering system with massive egress capabilities. In addition, the ZX1900 provides the perfect platform for hosting security and deep packet inspection applications running on ATCA blades.

The ZX1900 is a high-level integration of ATCA components targeted to network edge security and gateway applications. The system includes an ATCA hub switch, egress breakout board, chassis with custom back plane, shelf manager, power supply and fans. These components are integrated, tested and supported as a ready-to-run 5U system. The core component is an ATCA hub switch - the ZX7200 with OpenArchitect management software. The ZX7200 provides a data plane environment capable of switching 200 Gigabits of traffic and a control plane environment capable of switching 44 Gigabits of traffic. A proprietary backplane and breakout blade configure the extensive Ethernet switching capacity of the ZX1900 to have 14-ports of 10GigE egress on the data plane, and 2-ports of 10GigE plus 12-ports of 1GigE egress on the control plane. Additionally, the Linux-based, carrier-grade OpenArchitect™ software provides a familiar, extensible, and powerful operating environment for configuration and management of complex networking scenarios.

“The ZX1900 enables the concentration of numerous external long haul fiber, short haul fiber and copper Ethernet connections which can then be fanned out to an extensive number of internal connections,” said Alan Deikman, CTO of ZNYX Networks. “The data plane ports are SFP+ which enables this flexibility in media.”

“Another very important feature of the ZX1900 is the telecommunications-grade separation of data plane and control plane switching environments with a dedicated management CPU for each,” continued Alan Deikman. “This is required to maintain management of an edge device under a security attack such as a denial of service packet flood. The attack only affects the data plane CPU leaving the control plane CPU free to manage the device and enable fully remote recovery.”

The ZX1900 also provides three ATCA slots specifically configured for packet processing blades. Each slot has two option-9/1 data plane interfaces for up to 20 Gigabits of Ethernet throughput per-blade, plus a 1GigE interface on the control plane. This is the highest throughput delivered to an ATCA blade in the industry and provides the perfect environment for today’s high-performance packet processing technologies.

"Telecommunication Equipment Manufacturers (TEMs) that demand the critical security devices required by today's world will benefit by deploying the ZX1900 in a proven ATCA-compatible platform designed, tested and supported for their specific needs," said Rusty Cone, senior vice president of operations at NEI. "The ZX1900 gives TEMs a robust and feature-rich, low-profile packet processing system with massive egress capabilities that meets next-generation edge network requirements. More importantly, if there is ever an issue or question about its integration and interoperability between other ATCA components, the TEM has only one number to call. The ZX1900 is an exciting addition to the carrier-grade communications solution set marketed worldwide by NEI."

Early Access versions of the ZX1900 will be available 3rd quarter with volume shipments in 4th quarter 2008.

About OpenArchitect

OpenArchitect, the Ethernet switch management software developed by ZNYX Networks, provides a scalable Ethernet management 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.

About ZNYX Networks

ZNYX Networks is the leading global provider of embedded Ethernet solutions - high availability switch blades and scalable network elements - for CarrierClass systems. Equipment manufacturers and systems integrators use ZNYX Networks technologies to create solutions with continuous service, high-performance, scalability and strict compliance to telecommunications standards. The ZNYX Networks family of hardware, software, and professional services provides design engineers with a significant "time to market" advantage by leveraging pre-built and pre-tested modular embedded network elements.

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.

###