CloudShield

COMPANY PRESS RELEASE

CLOUDSHIELD® INTRODUCES NEW PLATFORM AIMED AT SIGNIFICANTLY CUTTING DEVELOPMENT TIME AND LOWERING COSTS FOR NETWORK APPLICATIONS

Programmable CS-2000 allows solutions providers to extend the reach of their existing applications and quickly bring new applications to market with Total Packet Inspection and wire-speed performance

SUNNYVALE, Calif. — June 21, 2004 — CloudShield® Technologies, Inc. today announced the CS-2000 Open Network Services Platform (ONSP) for developers of high-speed, high-capacity deep packet processing applications. By providing an innovative, universal platform on which to build their network applications, the CS-2000 ONSP provides the fastest path to market for solutions providers and systems integrators – saving them and their customers considerable time and money.

With the CS-2000 ONSP, solutions providers can quickly develop and deploy valuable services to their customers including DDOS mitigation, worm mitigation, intrusion prevention, virtualized firewalls and traffic measurement and control capabilities. The CS-2000 ONSP is a programmable system that offers total packet inspection and analysis, and 100% traffic visibility for multi-gigabit network applications. Historically, OEMs have been forced to build their own ASIC-, FPGA- or NPU-based systems at costs into the tens of millions of dollars and can require years of development time. The CS-2000 provides a ready platform that can deliver ASIC-like performance for a wide-range of network security, traffic management and network management applications used in service provider, government, and large enterprise networks.

"We sought a hardware partner that provides our customers with the performance and scalability necessary to deliver innovative security solutions at a reasonable cost," said Tom Arthur, President and CEO of Arbor Networks. "Our Peakflow SP integration with the CS-2000 enables service providers to filter Denial of Service attacks in carrier class networks, at line-speed."

The CS-2000 combines the following industry-leading solutions:

- ***RAVE™ –*** an easy-to-use data plane programming language for the CS-2000 platform that facilitates the rapid development of scalable high-performance packet processing applications;
- ***CloudShield Packet Operating System (CPOS™) –*** a run-time operating system that orchestrates the CS-2000 platform data plane resources to perform the packet operations (packet read, table lookup, string search, variable update, packet capture, packet write, etc.) called within RAVE applications; and,
- ***CloudShield Silicon Database (CSDB™)***- a high-speed memory-resident data base situated directly in the data plane. Silicon Database access times are nearly instantaneous with look-up tables scaling to millions of entries. Database management can be controlled programmatically, through a command line interface, or through a client graphical user interface and table updates are dynamic with individual entries added, deleted, or modified between packets to ensure 100% protection.

"Where we are seeing the most need is in the federal and service provider markets where high performance networks exist and services either need to be enhanced to meet increased capacity

demands or new services are needed which can not be quickly or easily developed," said Rusty Cumpston, CloudShield's CEO. "The CS-2000 provides them with a ready platform using off-the-shelf hardware technology that delivers industry-leading performance without the hardware development complexity and cost. Our partners – whether they are federal systems integrators, solutions providers or large end-users – are finding that our platforms provide them with the fastest way to bring new applications on-line, enabling them to go after more business and extend the reach of their existing products."

The CS-2000 ONSPs offer up to 5 Gigabits per second of deep packet processing capacity in a single 2RU chassis with prices starting at $49,000.

About CloudShield
CloudShield Technologies provides multi-gigabit programmable open platforms for network services. With CloudShield platforms, partners can rapidly develop and deploy network applications and solutions that require complete traffic visibility and deep packet inspection for high-speed, high-volume deployments. More information about CloudShield can be found at www.cloudshield.com.

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