

nPulse Helps Appliance Developers Leverage Powerful Hardware Acceleration

ARCHIVAL CONTENT

Announces new development toolkit for security and network monitoring applications

RESTON, Va., Nov. 28 (SEND2PRESS NEWSWIRE) – nPulse Networks Systems, a leading integrator of hardware acceleration tools for open-source network monitoring and security applications, announced today that it has released a new toolkit for application developers. The “Catapult toolkit” is a development platform designed for AMD Opteron server systems.

The kit comprises an nPulse programmable network adaptor, bundled with a tuned operating system kernel, optimized packet capture libraries and embedded drivers for the adaptor. Users simply install the card into an Opteron-based server, and the server will boot automatically into a familiar development environment offering full access to all of the advanced packet-handling features and performance of the nPulse adaptor cards.

Developers can focus on the design of their software application, confident that all possible packet handling tasks, including capture, analysis and filtering, can be off-loaded to nPulse hardware. Regardless of network speed or loading, 100% of the network traffic will be captured, and the full power of the host CPU will be reserved for optimal application performance.

“Many of our customers would like to take advantage of the processing power and packet manipulation capabilities of today’s advanced network adaptors,” says Randy Caldejon, CEO of nPulse Networks, “but designing and tuning these systems often requires a deep understanding of the hardware design of the card. That is not good use of an application developer’s time. With the nPulse Catapult toolkit, they can boot directly into a familiar development environment, confident that the full CPU offload and network acceleration power of the adaptor are being leveraged by their application.”

“In large heavily aggregated networks the performance demands on security and analysis systems are immense,” says Rich Groves, Principal Engineer at Time Warner Cable. “This Catapult approach would have saved me hours of performance tuning and let me get down to business finding bad guys and fixing networks.”

For those who prefer a fully pre-configured server platform, nPulse also offers Catapult, a complete, multi-core host system with the Catapult toolkit already installed. The nPulse Catapult solutions are available for 1Gbit/sec and 10Gbit/sec platforms.

About nPulse Networks LLC

nPulse is a global leader in the hardware-acceleration of open-source-based solutions for network monitoring, network security, traffic analysis and data management. With its customers and partners, nPulse works every day at the leading edge of network monitoring and security technology, providing deep insight into “network vital signs”. nPulse Networks is headquartered in Reston, Virginia, and also maintains development centers in Charlottesville, VA and in Pisa, Italy.

For more information, visit www.npulsenetworks.com.

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