



Intelligent to the Core.™

Netronome Expands DPI Capabilities Through Partnership With Qosmos

*Netronome Flow Processors and Qosmos Network Intelligence Software
scale deep packet inspection to 100 Gbps*

SAN FRANCISCO, RSA Conference 2011, February 16, 2011 – [Netronome](#), the leading developer of network flow processors, and Qosmos, the leading provider of Network Intelligence (NI) technology, today announced a joint solution to scale deep packet inspection (DPI) from 1 Gbps to 100 Gbps while simultaneously offering the richest detection set for thousands of applications and protocols. The integrated solution is the result of a strategic partnership between the companies and is designed for manufacturers of security applications.

“Vendors are integrating Qosmos technology to capture and translate details about network data in real time, improving the performance, security and profitability of their solutions,” said Qosmos CEO Thibaut Bechetoille. “The unabated, explosive growth in data demands cost-effective solutions scaling to unprecedented bandwidths. Together with Netronome’s flow processing technology, we can identify applications and protocols, and extract packet metadata while moving the flow processing actions from software to Netronome’s hardware-based flow processors.”

Networks are now required to be context aware and secure. This comes at a time when bandwidth is increasing from 1 Gbps to 10 Gbps and 100 Gbps and inspection is more difficult because of a rapidly evolving set of protocols and applications. The joint solution combines the industry’s highest-performance programmable flow processor and the leading suite of network intelligence software to deliver a best-of-breed design. This production-ready reference design removes the tradeoffs that previously existed between network performance, security and intelligence. The solution is ideally suited for designers of cyber security platforms, wireless infrastructure and test & measurement equipment.

“Netronome pioneered flow processing and is committed to providing its customers the silicon, hardware, software and building blocks to securely process flows at the speeds required for next generation platforms,” said Jarrod Siket, senior vice president of sales and marketing at Netronome. “This exciting partnership with Qosmos expands our offering to include both current and emerging protocols, frequently updated, from the recognized leader in Network Intelligence and DPI software.”

About Qosmos Network Intelligence Software

Qosmos’ unique Network Intelligence software provides unprecedented visibility into data traffic. The software and development kits allow designers to recognize thousands of protocols and metadata attributes for the most accurate picture of network activity. The software is fully customizable, and continuously updated with the latest applications and protocols.

About Netronome Flow Processors

Netronome powers the Qosmos Network Intelligence DPI software with the NFP-3240 network flow processor. Its 40 programmable cores run at 1.4GHz to deliver 56 billion instructions per second for stateful, flow-based, L2-L7 signature detection. It is the first network flow processor to combine

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high-performance network, content and security processing into a fully programmable device. The NFP is backed by the industry's largest suite of development tools including an optimizing C-compiler and is the only processor that is backward-compatible with the market-leading Intel IXP-28XX network processor.

Product Availability

Joint solutions combining Netronome's flow processors with Qosmos ixEngine software are available now and in trials at several major OEM vendors. More information is also available during the RSA Conference 2011, at booth 2333 taking place February 14 – 17 in San Francisco.

About Netronome

[Netronome](#) is a leading developer of highly programmable semiconductor products that are used for intelligent flow processing in network and communications devices. Netronome's solutions include network flow processors and acceleration cards that scale from 10 to 100 Gbps. They are used in carrier-grade and enterprise-class communications products that require deep packet inspection, flow analysis, content processing, virtualization and security. Netronome's products are developed in labs in Santa Clara, CA, Boxborough, MA and Pittsburgh, PA.

About Qosmos

Qosmos specializes in unique network intelligence technology that provides unprecedented visibility into data traffic. The company delivers software development kits and intelligent IP probes which recognize thousands of protocols and metadata attributes for the most accurate picture of real-time data activity on networks. Going beyond traditional Deep Packet Inspection (DPI) technology, Qosmos treats the network as a real-time database, able to identify, query and extract specific data with unparalleled precision and detail.

Qosmos products are used by Network Equipment Providers, Software Vendors and Systems Integrators to build next-generation solutions where real-time intelligence is critical, such as cyber security, lawful interception, traffic optimization, content billing, service assurance, market research and more. They enable applications, services and networks themselves to be more secure, efficient and profitable.

www.qosmos.com

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