



Intelligent to the Core.™

Netronome to Present at 2010 Linley Tech Spring Conference

Flow processing experts to discuss the need for specialized processors for cloud computing and I/O virtualization at leading semiconductor technology conference

PITTSBURGH, PA – May 18, 2010 – Netronome, the leading developer of network flow processors, today announced that two of their I/O virtualization experts are among the industry leaders presenting at the Linley Tech Spring Conference taking place May 18 – 19, 2010 at the Doubletree Hotel in San Jose, California. Two separate presentations will discuss the need for specialized processors to meet the evolving network processing requirements created by virtualization and cloud computing. At the conference, Netronome will also showcase applications and use cases for network flow processors in next-generation data center product designs.

On Tuesday, May 18 from 1:00 – 2:30 p.m., Daniel Proch, Netronome’s director of product management, will present “I/O Virtualization: Driving Embedded x86 Designs to 100 Gbps.” This presentation will describe a heterogeneous multicore architecture that scales application performance and security processing of embedded IA/x86 designs. This multi-layer processing design provides increasingly granular levels of L2-L7 processing with load balancing to cores that are optimized for specific workloads. In addition, the presentation will provide a real world use case with quantitative CPU, I/O and power results.

“The IA/x86 is the leading multicore processor in embedded network and security applications,” said Mr. Proch. “My presentation will describe a heterogeneous multicore architecture that scales these designs to 100 Gbps by tightly coupling the application CPUs with network flow processors over a virtualized PCIe data path.”

Nabil Damouny, the company’s senior director of strategic marketing, will present “The Cloud Needs a Specialized Processor” on May 18 from 2:55 – 5:00 p.m. Mr. Damouny’s presentation will describe the I/O requirements for the convergence of virtualized servers and networking. Further, the presentation will offer several next generation data center design alternatives, illustrating the need for a specialized cloud processor.

“With the rise of cloud computing, next generation data centers are beginning a significant overhaul, driving equally significant evolutions in networking and server I/O designs,” said Mr. Damouny. “My presentation will demonstrate that next generation data center designs require a specialized processor to meet the I/O virtualization demands of the applications and services they will host.”

For more information, visit http://www.linleygroup.com/Seminars/conference_spring.html.

About Network Flow Processors

Netronome Network Flow Processors are the industry’s only processor specifically designed for tight coupling with embedded multicore Intel® and x86 processors. The NFP-3240 brings breakthrough performance to a broad range of demanding network, security and content processing products used in 40 Gbps and 100 Gbps networks. It is the only line of processors backward compatible with the market-leading Intel IXP28XX. Netronome’s processors are supported by comprehensive tools, and a broad ecosystem of premier partners and suppliers.

About the Linley Group

The Linley Group is the leading provider of independent technology analysis of semiconductors for networking, communications, mobile, and wireless. The company provides in-depth technology reports and interactive seminars. For free access to analysis of recent news subscribe to “Linley Wire” and “Linley on Mobile,” at www.linleygroup.com/npu/wire.html.

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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. To learn more about Netronome and its products, please visit www.netronome.com.

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