



Intelligent to the Core.™

Netronome to Disclose Methods for Heterogeneous Multicore Designs

Presentation at Linley Tech Processor Conference outlines methods to make multicore CPUs work in high-performance embedded communications designs

PITTSBURGH, PA – September 14, 2009 – Netronome Systems, a leading developer of highly programmable semiconductor products that provide intelligent and secure flow processing for virtualized servers and network equipment, today announced that they are among the industry leaders that have been selected to present architecture details for heterogeneous multicore designs at the Linley Tech Processor Conference taking place September 16 – 17, 2009 at the Doubletree Hotel in San Jose, California.

Netronome's presentation will focus on engineering methods that are required to make multicore CPUs work in high-performance embedded communications designs. The presentation will provide solutions to the three most significant challenges of embedded multicore designs: achieving the maximum effective computation per core; overcoming inefficiency in memory utilization; and reducing power consumption by providing the most computation per watt. The presentation will also provide an overview of how the Netronome Network Flow Processors™ can be combined with standard multicore CPUs in a heterogeneous design to meet these challenges.

During the conference, Netronome will be displaying their customer reference platform that is used to validate the benefits of heterogeneous multicore designs. Netronome's customer reference platform accelerates the design and development of scalable, high-bandwidth, programmable data plane solutions that span L2-L7 for carrier-grade and enterprise-class networking products, as well as virtualized networked servers and appliances.

"Engineers gathering information on the newest chips and technologies driving next-generation designs will find The Linley Tech Processor Conference a valuable source of information," said Joseph Byrne, senior analyst, The Linley Group. "New processor designs are needed to provide better security and bandwidth management for ever-faster broadband, wireless, and metro networks."

Netronome's presentation, "Removing Barriers Between Multicore, Security Processing and NPU Designs," will be featured in Session 9 taking place on Thursday, September 17 from 1:30 – 3:00 p.m.

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

About Network Flow Processors

The Netronome NFP-32xx is powered by 40 multi-threaded programmable networking cores that are the first fully programmable processors capable of addressing the increasingly complex requirements of unified computing architectures. Software-defined I/O supports both L2-L3 packet processing and L4-L7 application- and content-aware deep packet inspection. This programmability, coupled with line-rate packet processing, provides the highest level of inspection and throughput available in the industry. In addition, Netronome NFP technology is the only line of processors backward-compatible with the market-leading Intel® IXP28XX processor, thereby protecting customers' immense investments in field-proven and network-hardened software.

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.

NETRONOME SYSTEMS, INC.

144 Emeryville Drive, Suite 230 Cranberry Township, PA 16066
Toll-free: 877.638.7629 Fax: 724.778.3312 netronome.com



Intelligent to the Core.™

About Netronome Systems

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 to more than 20Gbps. They are used in carrier-grade and enterprise-class communications products that require deep packet inspection, flow analysis, content processing, virtualization and security. Netronome is headquartered in Pittsburgh, PA, with core operations in San Jose, CA and Boxborough, MA, and international locations in the United Kingdom, China and South Africa. To learn more about Netronome and its products, please visit www.netronome.com.

Media Inquiries:

Heather Fitzsimmons
Mindshare PR
On behalf of Netronome Systems
Phone: 650.947.7400
Email: heather@mindsharepr.com

###

Jennifer Mendola
Marketing Manager
Netronome Systems
Phone: 724.778.3290
Email: jennifer.mendola@netronome.com