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Netronome and Titan IC Systems Partner to Offer 40 Gbps Content Processing
Joint solution sets new benchmarks for programmable content and network processing in embedded communications designs

SANTA CLARA, CA (April 26, 2010) – Netronome, the leading developer of network flow processors, today announced a partnership with Titan IC Systems, a world leader in hardware engines for content and network processing. The partnership combines the companies' innovative technologies to deliver a new solution to designers of network and security products that require granular, programmable content processing with line-rate throughput for 40 and 100 Gbps networks. The solution features the seamless integration of Netronome's NFP-3240 network flow processors and Titan IC's Regular Expression Processor (RXP) technology.

"The close coupling of regular expression (RegEx) and network processing into a single programmable platform bridges the gap between flow and content processing tasks," said Dr. Sakir Sezer, CTO of Titan IC. "Customers will benefit from a reduction in programming complexity and a significant improvement in overall system performance."

The joint solution combines Netronome's award winning 40 Gbps network flow processor with Titan IC's RXP technology. The integrated solution is specifically designed for the most demanding L2-L7 networking products that require application awareness, content inspection, security processing, line-rate throughput and programmable processing. Applications for the solutions include: stateful firewalls, deep packet inspection engines, content and URL filtering gateways, intrusion prevention systems, and secure switches and routers. The solution includes hardware reference designs for the secure switch and router market, as well as PCIe-based acceleration cards and ATCA/AMC form-factors for network and security appliances.

"The integrated solution leverages Netronome's high performance flow identification and reassembly technology as well as Titan IC's flexible concurrent pattern matching architecture," said Johann Tönsing, chief architect and senior vice president of software engineering at Netronome. "The resulting designs are capable of processing many flows and regular expressions in parallel to deliver a deterministic solution for high throughput content processing."

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 to more than 40 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 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.

About Titan IC Systems

Titan IC Systems is a world leader in the development of hardware engines for content and network processing. The solutions offered include the Hyperion 10G accelerator card, the Regular Expression Processor (RXP) and Parallel String Matcher (PSM) for use in all aspects of network security including: Intrusion Detection/Prevention, application detection, anti-virus, content/URL filtering and Deep Packet Inspection. Titan IC Systems has its headquarters in Belfast, Northern Ireland. For more information see www.titanicsystems.com.

NETRONOME

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



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Media Inquiries:

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

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

Godfrey Gaston
CEO
Titan IC Systems
Phone: +44289097 1717
Email: g.gaston@titanicsystems.com

NETRONOME

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