



## Netronome Demonstrates OpenFlow on Flow Processors at Open Networking Summit

Leading developer of network flow processors joins Open Networking Foundation and participates in inaugural software-defined networking event

**Palo Alto, CA - October 18, 2011** – Netronome, the leading developer of [network flow processors](#) today announced that they are demonstrating a standards-based OpenFlow implementation on their processors at the first [Open Networking Summit](#), sponsored by the Open Networking Foundation (ONF) and the Stanford Clean Slate Program. Netronome's membership and participation in the ONF supports its shared vision with leading networking companies to drive the innovation and adoption of scalable and open software-defined networking for virtualized cloud and data center networks.

Netronome's Network Flow Processors (NFP) are the industry's first commercially available silicon that is purpose-built for flow-based applications. This makes the NFP-3240 family of processors uniquely suitable for implementing the OpenFlow specification in 40 Gbps designs. The NFP features 40 highly-programmable cores running at 1.4 GHz, the industry's most comprehensive suite of L2-L7 sample software, and easy-to-use development tools. Combined, this enables OEM designers of complex networking and security applications to provide granular, software-defined policy control for millions of simultaneous flows.

The Open Networking Summit is taking place October 17-19 at Stanford University in Palo Alto, California. The three-day event focuses on the origin, current state and potential of OpenFlow and software-defined networking. The event features presentations and demonstrations from networking OEMs, universities, fabless semiconductor companies, and large-scale carrier and enterprise data center operators.

Netronome's demonstration illustrates four benefits of using network flow processors for OpenFlow designs in switches, routers, load balancers and cyber-security platforms.

- **Programmability:** Netronome's processors enable software-defined, line-rate L2-L7 packet processing with support for complex combinations of all fifteen match fields defined by the OpenFlow 1.1 specification.
- **Scalability:** Netronome's 40 processing cores deliver a flexible and scalable architecture for implementing OpenFlow compliant parsing, matching and actions, scaling to millions of flows and supporting complex actions at high data rates.
- **Interoperability:** Interoperability with third party OpenFlow compatible equipment and controllers.
- **Open Architecture:** Netronome's flow processing architecture provides an open, heterogeneous processing platform to manipulate network traffic on various types of processors and with easy integration with standard Linux-based x86 applications.

"OpenFlow and software-defined networking have the potential to enable network innovation, create choice and help realize new capabilities that address persistent problems with networking," said Johann



Tonsing, chief architect at Netronome. “Our demonstration shows why network flow processors are an ideal choice for OpenFlow designs. We are excited to be contributing members of the Open Networking Foundation and look forward to supporting the adoption of OpenFlow.”

For more information about the Open Networking Summit, visit:  
<http://opennetsummit.org/conference.html>.

### Supporting Resources

Follow Netronome for the latest news and information at:

- Netronome on Twitter [@Netronome](#)
- Netronome on [Facebook](#)
- Netronome on [LinkedIn](#)

### About Netronome

Netronome is a fabless semiconductor company and a leader in flow processing. Netronome’s solutions include a family of network flow processors, flow processing acceleration cards, and platforms that scale from 1 to 100 Gbps. They are used by networking equipment OEMs worldwide 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, Pittsburgh, PA, Cambridge, UK, and Centurion, South Africa. To learn more about Netronome and its products, please visit [www.netronome.com](http://www.netronome.com).

###

### Media Inquiries:

Heather Fitzsimmons  
Mindshare PR  
On behalf of Netronome  
Phone: 650.947.7400  
Email: [heather@mindsharepr.com](mailto:heather@mindsharepr.com)

Jennifer Mendola  
Marketing Communications Manager  
Netronome  
Phone: 724.778.3290  
Email: [jennifer.mendola@netronome.com](mailto:jennifer.mendola@netronome.com)