# NEC to Highlight Expanded Reach of OpenFlow-enabled SDN during Open Networking Summit 2013

**Seven vendors supporting OpenFlow V1.0 to be featured in integrated demos with ProgrammableFlow(R) networking suite, demonstrating multi-vendor interoperability, scalability and support of diverse environments**

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**Irving, Texas & Tokyo - April 5, 2013** - NEC Corporation of America (NEC), a wholly- owned subsidiary of NEC Corporation (TSE: 6701), will demonstrate southbound interoperability and multi-site controller capabilities of its award-winning ProgrammableFlow Controller with switches from seven leading vendors during the Open Networking Summit 2013 on April 15-17 in Santa Clara, CA. Enhancements to the controller architecture will provide customers with multi-data center controller support in a more scalable solution.

The companies participating in interoperability demonstrations at the NEC booth # 103 include: Arista Networks (Arista 7050 Series); Brocade (Brocade MLXe Series); Centec Networks (V330); Dell (Dell Networking S4810); Extreme Networks (Summit X670(R)); Intel (Intel(R) Open Network Platform); and Microsoft Corp. (Windows Server 2012 with NEC extensible virtual switch PF1000).

"Many of our customers operate in multi-vendor environments, engaging with other vendors who also support the OpenFlow standard. Thanks to a joint commitment to open standards, we can deliver our solutions in environments that include networking devices from these other vendors," said Don Clark, director of Business Development, NEC Corporation of America. "In turn, we're expanding the reach of the ProgrammableFlow network suite in multi-site deployments. As a result, customers benefit from a broader vendor choice, higher availability, traffic optimization at each site/across all sites, as well as increased scalability and visibility."

"NEC was the first company to commercialize ProgrammableFlow using OpenFlow technologies," said Hiroyuki Watanabe, deputy general manager, Enterprise Networks Division, NEC. "These technologies are now the cause of a paradigm shift in the opening of networks. The very idea of OpenFlow is invigorating the marketplace and we are confident in its potential for growth, while verifying connectivity with a number of vendors. Going forward, NEC aims to continue building connectivity with the world's leading vendors, actively pursuing open-source initiatives and contributing to the resolution of business challenges through the development of new products and solutions."

First launched in 2011, the ProgrammableFlow network suite was the first commercially available SDN solution to leverage the OpenFlow protocol enabling complete network virtualization, allowing customers to easily deploy, control, monitor, and manage multi-tenant network infrastructure. Endorsed by customers, ProgrammableFlow provides the first comprehensive suite that includes both physical and virtual switches as well as an SDN controller and applications. Ideally suited for corporate and service provider data centers, the ProgrammableFlow Controller provides a cost-effective, high-performance, highly scalable SDN platform.

In addition to its booth demonstrations, NEC will be participating in several presentations during ONS 2013, including:

- **Tutorial 2 - Market Opportunities, Monday, April 15, from 2-2:45 p.m.**
  - **Don Clark**, Director, Business Development, NEC Corporation of America, and NEC customer **Mike Steineke**, Vice President of IT, Edgenet, will present "OpenFlow-based SDN for the Enterprise."
- **Plenary Session "Leading Incumbents' Approach to SDN," Tuesday, April 16, from 11:30-12:30 p.m.**
  - **Shunichiro Tejima**, Senior Vice President, Carrier Network Business Unit, NEC Corporation, will discuss "Evolving to a Software Defined Carrier Network."
- **Case Study Breakout, Tuesday, April 16, from 4:30-6 p.m.**
  - Featuring **Hiroyuki Watanabe**, General Manager, NEC Corporation, and NEC customer **Keisuke Nagase**, Professor and Deputy Director, University Hospital, Kanazawa University, who will present "University Hospital Case Study: OpenFlow Deployment to Campus LAN."

- **Sponsor Theater Presentation on Expo Floor, Tuesday, April 16 from 2-2:20 p.m.**
  - Featuring **Don Clark**, Director, Business Development, NEC Corporation of America, speaking on "Transforming the Network to Seize Business Advantage."

More information on NEC's ProgrammableFlow SDN can be found at www.necam.com/sdn.

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## NEC Press Contacts

Seiichiro Toda
NEC Corporation
+81-3-3798-6511
E-Mail: s-toda@cj.jp.nec.com

Linda Graham
NEC Corporation of America
214.262.3766
E-Mail: Linda.Graham@necam.com

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