

*Press Release
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NoviFlow and Ordnance Networks Team Up to Deliver Cloud-Based High-Performance, Scalable Broadband Network Gateway (BNG) Solution for Less

NoviFlow's NoviSwitches Combined with Ordnance's Broadband Aggregation Software Offer Network Operators, Cloud Providers and Enterprises Unprecedented Price/Performance in Truly Scalable, Carrier-Grade BNG/BRAS Solution

SINGAPORE, May 22nd, 2017 – [NoviFlow Inc.](#), a leading vendor of high-performance OpenFlow-based switching and routing solutions, and [Ordnance Networks](#), which provides carriers and the cloud edge with a one-touch, carrier-grade Network as a Service (NaaS) platform, today announced a partnership. Together, the companies deliver a joint BNG/Broadband Remote Access Server (BRAS) solution; the first in a family of performance and cost-optimized Virtual Carrier Services uniting NoviFlow's high performance forwarding planes with Ordnance's next-generation telecommunications software platform.

NoviFlow and Ordnance made the announcement from the [CommunicAsia 2017](#) conference at the Marina Bay Sands in Singapore where they are exhibiting May 23rd to 25th. All interested parties are invited to NoviFlow Stand BG3-07 to see NoviFlow's live Cybersecurity demo.

The joint Ordnance-NoviFlow solution:

- Combines the separation of control and data planes of Software Defined Networks (SDN) with the resource optimization of Network Functions Virtualization (NFV), turning BNG/BRAS functionality into an on-demand service instantly accessible to customers via an online web portal or API.
- Provides carriers with the ability to offer end users self-provisioned products and services, slashing service delivery costs, management complexity, and the time it takes to deliver new products and services to market.
- Delivers Hierarchical Quality-of-Service (H-QoS) as a key feature of the Ordnance-NoviFlow BNG/BRAS solution, built on NoviFlow's *FlowShaper* network processor-based H-QoS and traffic management technology – the same network processors *already deployed* around the world in chassis-based edge routers costing up to 10x more. (See today's news release [NoviFlow Releases FlowShaper.](#))

NoviFlow's line of high-performance fully programmable forwarding planes also leverage the advanced packet handling capabilities of network processors to significantly boost throughput, offer enhanced filtering options at line rates of 1Gbps, 10Gbps, 25Gbps, 40 G and 100 Gbps, and support up to 16 million simultaneous flows.

The *NoviSwitch/NoviWare* programmable match-action pipeline architecture was specifically designed to simultaneously support in a single device multiple network services such as switching, routing, service chaining, firewalling, load balancing, etc.

Dominique Jodoin, President and CEO of NoviFlow explained, “With this partnership, Ordnance and NoviFlow extend the radical CAPEX and OPEX benefits of our technology to an additional segment of the network: the Broadband Network Gateway, providing a compelling alternative to incumbent BNG solutions. Our joint solution offers *NoviSwitch’s* H-QoS and traffic management features, which enable Tier 1 carriers, network infrastructure providers, and enterprises to get the most out of their WAN links. We are honored to collaborate with such a distinguished partner as Ordnance Networks to offer game-changing Virtual Carrier Services that deliver unprecedented feature/performance at reduced costs.”

The [NoviSwitch](#) line features the [NoviWare](#) switching software, NoviFlow’s high-performance OpenFlow forwarding plane software for use in mission-critical deployments. *NoviWare* provides the industry’s broadest support of the OpenFlow specification, including all OpenFlow 1.3 and 1.4 actions, instructions and match fields, and key OpenFlow 1.5 features.

Alexander Turner, Founder at Ordnance Networks said, “Ordnance builds next-generation telecommunications platforms that leverage the latest in network technology to address the challenges associated with the successful operation of Carrier and ISP networks. We see our partnership with NoviFlow truly raising the performance and functionality bar in Virtual Carrier Services. The BNG/BRAS solution is only the first solution in the Virtual Carrier Services NFV family that the Ordnance-Noviflow alliance will bring to market.”

ABOUT NOVIFLOW

[NoviFlow Inc.](#) provides high-performance OpenFlow-based switching solutions to network carriers, data center operators and enterprises seeking greater control, security and flexibility over their networks. NoviFlow has offices in Montreal, Sunnyvale and Seattle, and representatives in Asia Pacific, Europe and the Middle East. For more information, please visit <http://noviflow.com/>. Follow NoviFlow on Twitter [@NoviFlowInc](#).

ABOUT ORDNANCE NETWORKS

[Ordnance Networks](#) provides carriers and the cloud edge with a one-touch, carrier-grade Network as a Service platform that enables rapid software automated service delivery, reducing the need for network engineers to be involved in customer moves, adds and changes. Developed by a team of telecommunications and data center networking veterans, Ordnance has been built as a next generation telecommunications platform designed to leverage the latest in network technology to address a number of challenges associated with the successful operation of a full-service ISP. For more information visit our website at: <https://ordnance.co/>

Press Contact NoviFlow:

Liza Colburn
Phone: +1 781-562-0111
Email: liza@crescendocc.com

Press Contact Ordnance:

Alexander Turner
Phone: +6140842412
email: alex@ordnance.co