

*Press Release  
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## **NoviFlow and Ordnance Networks' Cloud-Based Broadband Termination Platform Enters Commercial Deployment**

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

**SINGAPORE, June 26, 2018** – [NoviFlow Inc.](#), a leading vendor of high-performance SDN network operating software (NOS), cybersecurity middleware and programmable network solutions, and [Ordnance Networks](#), which provides carriers and the cloud edge with a one-touch, carrier-grade Network platform, today announced that their joint BNG/Broadband Remote Access Server (BRAS) solution has entered commercial deployment for high-bandwidth NBN connectivity to an Australian national ISP. NoviFlow and Ordnance are demonstrating the joint solution live at CommunicAsia in booth #5N6-01.

The *Ordnance Broadband Network Gateway* is the latest in a family of performance and cost-optimized Carrier Services uniting NoviFlow's high performance forwarding planes with Ordnance's next-generation telecommunications software platform.

The joint Ordnance-Noviflow Broadband Network Gateway 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 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.

To cater to small-to-medium providers (up to 20000 subscribers), Ordnance has deployed the platform across Australia and is offering an "as-a-service" option. The service offering can be used to extend the reach of an existing network, or as part of a hybrid solution, with a dedicated Ordnance deployment. Ordnance plans to expand this offering into New Zealand and the US within 6 months.

NoviFlow's *NoviWare* NOS leverages the advanced packet handling capabilities of programmable forwarding planes to significantly boost throughput, offer enhanced filtering options at line rates of 1Gbps, 10Gbps, 25Gbps, 40 G and 100 Gbps, and support up to 6 million simultaneous flows and 6.5 Tbps

of packet forwarding capacity. *NoviWare* was 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, “The Ordnance and NoviFlow Broadband Termination Platform extends the radical CAPEX and OPEX benefits of SDN technology, providing a compelling alternative to incumbent BNG solutions. The platform increases capacity, scales smoothly, and leverages *NoviSwitch*’s H-QoS and traffic management features, enabling Tier 1 carriers, network infrastructure providers, and enterprises to get the most out of their WAN links.”

David Hooten, Founder of 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.”

“The rapid development and advanced feature set of Ordnance’s Next Generation BNG is a testimonial to the design power and time-to-market reduction of a true SDN solution,” said Jesper Eriksson, VP of Sales and Product Planning. “NoviFlow switches deliver the full implementation of a programmable match-action pipeline, which enables the crafting of leading-edge solutions specific for each application space. For an Application Developer like Ordnance, NoviFlow’s GatewayMapper controller reduces the complexity of a switch pipeline and exposes services as a simple API call. This toolchain has enabled Ordnance to deliver a state-of-the-art BNG to the Australian market.”

#### **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/>

#### **ABOUT NOVIFLOW**

[NoviFlow Inc.](#) provides high-performance OpenFlow-based switching solutions to network carriers, data center operators, government agencies 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](#).

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