

## **Brain4Net, NoviFlow and Edgecore Networks to Demonstrate Comprehensive SDN/NFV Solution for Metro Networks at MEF16 Proof of Concept Showcase**

*Brain4Net, inc, an innovative SDN/NFV based solution vendor, NoviFlow Inc, a leading provider of high-performance OpenFlow-based networking solutions, and Edgecore Networks, a leading provider of traditional and open network solutions, today announced their solution is among 14 of the most promising SDN-based technical concepts according to MEF consortium research. The companies will lead a live demonstration at the MEF16 global networking event (7-10 November 2016, Baltimore, MD) and showcase a comprehensive orchestrated solution for Metro Networks.*

Cambridge, MA ([PRWEB](#)) November 07, 2016 -- MEF16 Proof of Concept Showcase provides an opportunity for service providers and vendors to spotlight innovations that promise to advance the Third Network services and technology landscape.

Brain4Net, NoviFlow and Edgecore will present SDN-based CE 2.0 services packaged with value added Cloud/NFV applications by leveraging LSO concepts demonstrating the future of Metro Aggregation Networks (MAN). The showcase demonstrates an end-to-end solution for Communications Service Providers (CSPs) that helps them to extend Carrier Ethernet (CE) services with value-added virtual network services. The demonstration consists of two integrated parts:

- OpenFlow-based solution for Metro Aggregation Network that provides a full set of Carrier Ethernet services within given Metropolitan area
- High-performance SDN-based Telco Data Center network fabric comprised of bare-metal switches and virtual switches, integrated with the Metro network infrastructure

All of the integrated parts compose end-to-end unified switching fabric spreading from CSP's Access Network to the "egress ports" of Telco Data Center. It enables CSPs to deliver customer traffic from the access network to the NFV platform in the CSP PoP and tightly integrate metro network services with value added NFV or other cloud applications.

The demo topology consists of several models of a mix of open network switches and network appliances, including

- Edgecore Networks AS5712-32X open network and OCP Accepted 10GbE switch;
- NoviFlow 2122/2116 switches;
- and x86 Network Appliance with virtual Brain4Net OpenFlow-switch [B4N SwitchOS] installed.

The topology shows the use case described above as well as interoperability among a range of switching platforms –open network switches and x86-based switches from different vendors-- working in single Metro SDN-domain & CSP PoP and forming a unified infrastructure for Carrier Ethernet and NFV services.

The solution provides the following business advantages:

- Reduce CAPEX by using open network switches instead of costly and (in most cases) over-functional MPLS-routers in Metro networks;
- Reduce OPEX by automation of network service provisioning, end-to-end service management, and hardware unification;

- Employ effective cross-sale strategies by incorporating Customer VPN services with value-added VNFs;
- Embody the “Digitization” and “Network Transformation” strategies in most cost effective manner;
- Avoid vendor lock-in.

"We are pleased that respected global technology community selected our proof of concept proposal and shortlisted Brain4Net for on-site demonstration at MEF16", – said Oleg Schapov, CEO and Founder of Brain4Net. "On November 8 in Baltimore we plan to demonstrate the way how SDN/NFV-based Metro Aggregation Networks will be able to consolidate main technology trends, such as 5G, Mobile Edge Computing, transformation of Telco PoP to Telco DC, etc. By leveraging both SDN and NFV technologies, our approach enables CSP to build the service-oriented network infrastructure with endless potential of services, while delivering carrier grade resilience and fault tolerance".

“NoviFlow is pleased to collaborate with Brain4Net and Edgecore on this very innovative Proof of Concept demonstration at the MEF16. Brain4Net creates SDN-based solutions that demonstrate the far-reaching potential of SDN, and NoviFlow is providing the high performance scalable forwarding plane solutions supporting these applications in real-world deployments,” - said Dominique Jodoin, president and CEO of NoviFlow.

“Edgecore is pleased to collaborate with Brain4Net and NoviFlow on the Proof of Concept demonstration at MEF16 of an open network infrastructure for delivering Metro Ethernet services,” - said Jeff Catlin, VP Technology of Edgecore Networks. “This is another example of open networking solutions based on our OCP Accepted switches, with SDN and NFV software from partners like Brain4Net and NoviFlow, providing innovative benefits for telecom operators.”

#### About Brain4Net, inc.

Brain4Net Inc. is an innovative SDN/NFV solution provider for Enterprises and Service Providers. B4N Service Platform (the company’s flagship product) allows providing comprehensive network orchestration and control solutions for multi-vendor network infrastructure. The firm’s approach helps organizations bring agility to the network, improve network service chaining, and reduce both CAPEX and OPEX for network infrastructure deployment and operations.

Established in March 2015, Brain4Net stands out as SDN/NFV software vendor with broad technology partners ecosystem. Moving Telco industry and open source communities forward, Brain4Net is an active member of MEF, ONF, OPNFV, Intel Network Builders, Open Compute Project, Telecom Infra Project. Through co-leadership at MEF OpenCS NFV group, Brain4Net actively shares the expertise of OpenFlow-based CE 2.0 services with MEF community members. The company’s NFV expertise combined with extensive experience in complex services orchestration enhances the Third Network focused work groups.

For more information, visit [www.brain4net.com](http://www.brain4net.com).

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#### About NoviFlow

NoviFlow Inc. provides high-performance OpenFlow-based SDN networking solutions to telecom carriers, data center operators and enterprises seeking greater control and flexibility over their networks. NoviFlow has offices in Montreal, Sunnyvale and Seattle.

For more information, please visit <http://www.noviflow.com>.

Follow NoviFlow on Twitter @NoviFlowInc.



#### About Edgecore Networks

Edgecore Networks Corporation is a wholly owned subsidiary of Accton Technology Corporation, the leading network ODM. Edgecore Networks delivers wired and wireless networking products and solutions through channel partners and system integrators worldwide for the Data Center, Service Provider, Enterprise and SMB customers. Edgecore Networks is the leader in open networking providing a full line of 1GbE, 10GbE, 25GbE, 40GbE, 50GbE and 100GbE open and OCP switches that offer choice of NOS and SDN software for data center, telecommunications and Enterprise network use cases.

For more information, visit [www.Edge-Core.com](http://www.Edge-Core.com).



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