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Brain4Net Released SD-WAN Solution for Enterprises with Self-Managed MPLS Network

Cambridge, MA (August 3, 2016) – Brain4Net, an innovative SDN/NFV solution vendor, today announced it has released B4N SD-WAN Transport, a comprehensive enterprise-level solution aimed to enhance incremental upgrade of existing network infrastructure and its evolution to Next Generation WANs based on SDN and NFV technologies.

Brain4Net, in cooperation with leading server and bare-metal switches hardware vendors, offers enterprises a comprehensive SDN- and NFV-based solution for building Next Generation WANs. By providing a deep-rooted engineering approach to building agile and assured networks, clients are able to retain existent network functionality.

“B4N SD-WAN Transport is aimed to help Enterprises with geographically distributed structure to gradually migrate to agile

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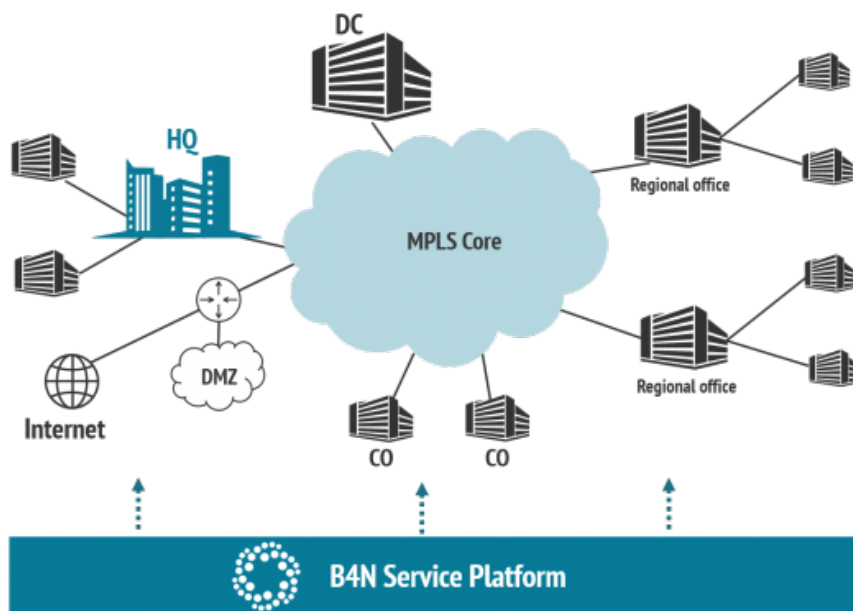
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and orchestrated networks based on open hardware ecosystem and gain a higher level of automation and cost efficiency”, – said **Oleg Schapov, CEO and Founder of Brain4Net**. “We had successfully completed a number of PoCs in large organizations and now the solution is ready for testing in customers’ infrastructure and commercial use.”

B4N SD-WAN Transport helps enterprises with self-managed MPLS networks achieve a high level of automation, while using bare-metal equipment by leading ODMs. This solution targets companies with large geographically distributed networks – countrywide infrastructure with MPLS Core and set of regional Metro Aggregation Networks (MAN).

B4N SD-WAN Transport utilizes [B4N Service Platform](#)



components and approved bare-metal switches by Brain4Net Partner Ecosystem members, including Edge-Core Networks, Noviflow, Centec, Corsa, and more. This approach allows Brain4Net experts to offer an open hardware that ideally fits the customer needs.

Network services provided by [B4N Controller](#), a high-performance OpenFlow-based SDN controller, supports most of traditional L2/L3 technologies stack, broad range of bare-metal switches,

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Northbound APIs for integration with 3rd party Orchestration systems and supplies one of the best performing services in the market. Solution leverages the B4N SwitchOS product capabilities for bare-metal switches to provide clients with the latest network services in the industry.

The basis of B4N SD-WAN Transport solution is a set of networks services including all of the L2VPN topologies (e.g. Point-to-Point, Point-to-Multipoint, Multipoint-to-Multipoint), dynamic routing protocols (OSPF, MP-BGP), QoS, Multicast services, and tools for integration with OSS/BSS, security services and more. Solution supports automatic topology discovery, routing based on Segment Routing principles, Fast Failover functionality and built-in Traffic Engineering.

Brain4Net offers staged plan of migration to business-centric networks, that helps customers implement innovations, while retaining existent network functionality. This solution supports integration with legacy networks at L2/L3 and provides additional NFV-based solutions for automation of L3VPN service provisioning and smooth migration of MPLS Core to SDN-based architecture.

About Brain4Net Inc.

Brain4Net Inc. is an innovative SDN/NFV solution provider for Enterprises and Service Providers. The [B4N Service Platform](#) provides a comprehensive network orchestration & control solution 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.

For more information about Brain4Net Inc.: <https://brain4net.com>

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