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Aviat Selects Software Component Ecosystem for SDN Future

Software Partnerships for Next-Generation Products Enable Network Automation and Advanced Control

SANTA CLARA, Calif., Aug. 10, 2016 /PRNewswire/ -- Aviat Networks, Inc. (NASDAQ: AVNW), the leading expert in microwave networking solutions, today announced strategic partnerships with software vendors and research institutions for the automation and advanced control of microwave networks.

Aviat has chosen Metaswitch Networks to provide feature-rich integrated software solutions with Carrier Ethernet, IP routing and MPLS protocols enabling a seamless transition from today's networks to SDN. "Metaswitch is proud to be selected as the preferred control plane partner by Aviat for its SDN transformation," says Jon Berger, vice president of engineering, network software, Metaswitch. "Our high-performance protocol stacks, combined with our continued investment in implementing next-generation features, were key factors in forming the partnership."

Aviat selected Tail-F to provide the ConfD Management Agent to deliver NETCONF/YANG interfaces, which are today's most efficient management protocol and model for network automation and control. These modern data model-driven network management techniques will enable lowest possible OPEX for Aviat customers. In addition, Tail-F offers predefined integration with the Metaswitch software stack enabling Aviat to bring SDN to market sooner. "Aviat's commitment to standards-based network programmability with NETCONF and YANG by adopting Tail-f ConfD is aligned with what the industry has been demanding to help reduce the operating expense burden of proprietary interfaces," says Fredrik Lundberg, head of Tail-f, Cisco-NFV.

On top of these commercial partnerships, Victoria University is providing research collaboration regarding the use of SDN in microwave backhaul applications. Focus areas include network performance, optimization, reliability and developing a model to incorporate unique characteristics of microwave spectrum utilization into SDN framework. Research project results and findings are currently being incorporated into Aviat's next generation of SDN-based hardware and software solutions including AviatCloud Automation and Virtualization platform.

"SDN will be an essential tool for our customers to simplify operations and reduce OPEX," says Ola Gustafsson, senior vice president and chief product officer, Aviat Networks. "With these partnerships, Aviat is laying the groundwork for advanced automation and control of microwave networks and ability to seamlessly migrate from today's Ethernet and IP/MPLS networks to SDN."

About Aviat Networks

Aviat Networks, Inc. (NASDAQ: AVNW) is a leading global provider of microwave networking solutions transforming communications networks to handle the exploding growth of IP-centric, multi-Gigabit data services. With more than one million systems sold in over 140 countries, Aviat Networks provides LTE-proven microwave networking solutions to mobile operators, including some of the largest and most advanced 4G/LTE networks in the world. Public safety, utility, government and defense organizations trust Aviat Networks' solutions for their mission-critical applications where reliability is paramount. In conjunction with its networking solutions, Aviat Networks provides a comprehensive suite of localized professional and support services enabling customers to effectively and seamlessly migrate to next-generation Carrier Ethernet/IP networks. For more than 50 years, customers have relied on Aviat Networks' high performance and scalable solutions to help them maximize their investments and solve their most challenging network problems. Headquartered in Santa Clara, California, Aviat Networks operates in more than 100 countries around the world. For more information, visit www.aviatnetworks.com or connect with Aviat Networks on Twitter, Facebook and LinkedIn.

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