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Aviat Networks Introduces Industry's Highest Capacity Microwave

WTM 4000 Provides up to 2.5Gbps Uncompressed Throughput per Radio Transceiver, Purpose-Built for SDN

MILPITAS, Calif., Feb. 16, 2017 /PRNewswire/ -- Aviat Networks, Inc. (NASDAQ: AVNW), the leading expert in microwave networking solutions, today announced a new platform of radios called WTM 4000. With up to 2.5 Gbps uncompressed throughput per radio transceiver, the highest capacity ever delivered in a microwave radio, WTM 4000 offers a breakthrough in microwave backhaul performance for wireless networks. WTM 4000 is also the industry's first purpose-built IP-SDN radio with an integrated IP/MPLS software stack and built-in support for SDN protocols like NETCONF/YANG and OpenFlow for standards-based network automation.

Based on the industry's most advanced microwave RF Integrated Circuit and multi-core modem technologies the WTM4000 platform will have variants spanning all microwave frequency bands from 6 to 42GHz. Using a new Adaptive Dual Carrier (A2C) feature, WTM 4000 can enable two channels over a single radio transceiver—which leads to two times the capacity of typical radios. Overall, WTM 4000 achieves lower power consumption, decreased weight, reduced cost per megabit and higher reliability.

WTM 4000 also enables maximum flexibility with its zero-footprint capability for mounting on building walls or outdoor infrastructure like lampposts—perfect for enterprise and urban small cell connectivity. Not only does it allow for more installation options but also drastically cuts equipment requirements and costs for shelters, cabinets, air conditioning and other indoor gear.

Additionally, WTM 4000 offers a Pay-For-Use (PFU) software scheme that allows operators to pay for software enabled capability only as they use it. PFU simplifies the management of hundreds of software licenses network-wide, significantly reducing operations complexity and lowering total cost of ownership (TCO).

"I am encouraged to see Aviat's focus on network automation and SDN," says Richard Webb, research director at IHS Markit. "Automation will be an essential tool to simplify networks and reduce OPEX. Support for SDN protocols will be essential to meeting operator goals of standards-based, network-wide automation across microwave and fiber technology as well as core and access network domains."

"Aviat Networks customers want lower TCO and solutions that can support them as their networks evolve," states Michael Pangia, president and CEO, Aviat Networks. "With the WTM 4000, Aviat is setting a new bar for microwave radio capacity - with innovative features for TCO reduction—and a bridge for IP/MPLS and SDN-based solutions of tomorrow."

About Aviat Networks

Aviat Networks, Inc. works to provide dependable products, services and support to our customers. With more than one million systems sold into 170 countries worldwide, communications service providers and private network operators including state/local government, utility, federal government and defense organizations trust Aviat with their critical applications. Coupled with a long history of microwave innovations, Aviat provides a comprehensive suite of localized professional and support services enabling customers to drastically simplify both their networks and their lives. For more than 70 years, the experts at Aviat have delivered high performance products, simplified operations, and the best overall customer experience. Aviat Networks is headquartered in Milpitas, California. For more information, visit www.aviatnetworks.com or connect with Aviat Networks on Twitter, Facebook and LinkedIn.

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