



Aviat Networks and Symmetricom Advance IEEE 1588v2 Synchronization Over Microwave Backhaul

Aviat Networks Joins Symmetricom's SyncWorld Ecosystem Program to Support Standards-Based Synchronization Technology

SANTA CLARA, Calif., March 22, 2011 /PRNewswire/ -- Aviat Networks, Inc. (Nasdaq: AVNW), a leader in wireless transmission solutions, today announced it is among the first companies to join the Symmetricom®, Inc. SyncWorld™ Ecosystem Program for delivering tested solutions for mobile backhaul synchronization over packet microwave networks. Collaborating with Symmetricom strengthens Aviat Networks' solution portfolio for IP network migration by adding IEEE 1588v2 synchronization capability, which enables the smooth introduction of 4G/LTE. This solution capability is in addition to Synchronous Ethernet (SyncE), which was added to Aviat's Eclipse platform in late 2010.

Maintaining accurate timing and synchronization in mobile networks is critical for successful call "hand off" when mobile users are traveling between cell sites and to ensure overall voice quality and performance is maintained. As mobile operators migrate their backhaul networks to Ethernet to efficiently handle the vast amounts of growing data and video traffic, a reliable method of maintaining synchronization over packet network is required. Precision Time Protocol, standardized as IEEE 1588v2, has become the de facto standard for packet timing.

Aviat Networks and Symmetricom jointly completed extensive performance and interoperability tests to verify the performance of 1588v2 timing over various complex microwave backhaul network configurations under real-world deployment scenarios, including a 10-hop microwave backhaul network supporting Adaptive Coding and Modulation (ACM). The successful result provides assurance to mobile operators currently deploying or planning to deploy IEEE 1588v2 timing over packet microwave.

"As networks migrate to Ethernet backhaul for LTE deployments, Symmetricom is committed to developing industry-leading carrier grade timing and synchronization solutions that ensure a smoother transition to packet based services," says Manish Gupta, vice president of marketing at Symmetricom. "We're delighted to have Aviat Networks join the SyncWorld Ecosystem Program and look forward to further collaboration."

Symmetricom announced today the launch of its SyncWorld™ Ecosystem Program to support precise timing and synchronization requirements for 4G/LTE deployments that ensure seamless integration for service provider networks. The SyncWorld™ Ecosystem Program represents all elements of the mobile value chain from embedded to network equipment manufacturers.

"Our relationship with Symmetricom enriches the solution options available to our customers globally, allowing Aviat Networks to combine a mix of superior wireless and timing technologies with professional support services and end-to-end management to deliver a cost-effective and versatile backhaul solution," says Shaun McFall, senior vice president and chief marketing officer of Aviat Networks.

Aviat Networks will present its Eclipse Packet Node high-speed wireless solution in the Symmetricom booth (#1461) at the International CTIA Wireless 2011 show, in Orlando, Florida, March 22-24.

About Aviat Networks

Aviat Networks, Inc. is a leader in wireless transmission solutions. We apply innovation and IP networking expertise toward building a carrier class foundation for future mobile broadband networks. With more than 750,000 systems installed around the world, Aviat Networks has built a reputation as a leader in offering best-of-breed solutions including LTE-ready microwave backhaul and a complete portfolio of service and support options to public and private telecommunications operators worldwide. With a global reach and local presence in more than 46 countries, Aviat Networks works by the side of its customers allowing them to quickly and cost effectively seize new market and service opportunities. Aviat Networks, formerly Harris Stratex Networks Inc., is headquartered in Santa Clara, California, and listed on NASDAQ (AVNW). For more information or to join the dialogue, please visit:

www.aviatnetworks.com

www.aviatnetworks.com/network-synchronization/

www.twitter.com/aviatnetworks

www.blog.aviatnetworks.com

www.youtube.com/aviatnetworks

About Symmetricom, Inc.

Symmetricom (Nasdaq: SYMM), a world leader in precise time solutions, sets the world's standard for time. The company generates, distributes and applies precise time for the communications, aerospace/defense, IT infrastructure and metrology industries. Symmetricom's customers, from communications service providers and network equipment manufacturers to governments and their suppliers worldwide, are able to build more reliable networks and systems by using the company's advanced timing technologies, atomic clocks, services and solutions. All products support today's precise timing standards, including [GPS-based timing](#), [IEEE 1588 \(PTP\)](#), [Network Time Protocol \(NTP\)](#), Synchronous Ethernet and [DOCSIS@ timing](#). Symmetricom is based in San Jose, Calif., with offices worldwide. For more information, visit:

www.symmetricom.com

<http://www.symmetricom.com/company/syncworld>

<http://www.symmetricom.com/products/ieee-1588-ptp-solutions>

SOURCE Aviat Networks

News Provided by Acquire Media