June 4, 2014

Aviat Networks Improves End-to-End Equipment Latency by up to 30 Percent

Symbol Repeater Reduces Latency, Improves Reliability over Long-Distance Microwave Routes for Carrier 12Horizons

CHICAGO, June 4, 2014 /PRNewswire/ -- THE TRADING SHOW -- Aviat Networks, Inc. (NASDAQ: AVNW), the leading expert in microwave networking solutions, today announced the addition of the Symbol Repeater feature to its Eclipse platform for low latency microwave networks. This results in end-to-end equipment-related latency improvement of up 30 percent depending on route and configuration. When used in conjunction with the Adaptive Intelligent Repeater (AIR), the Symbol Repeater provides class leading low latency performance for adaptive IF, Digital and Symbol Repeater functionality while supporting hitless Space Diversity path protection. This functionality has been operating successfully since early 2014.

"Aviat allows us to deliver the lowest latency offerings available in the market with unmatched reliability," says Olivier van Weeren, sales director of 12Horizons. "We are proud to be the first carrier to provide a Microwave Radio Frequency link between Frankfurt and Zurich, connecting the critical datacenters in these financial hubs at unprecedented speeds. We chose Aviat after an exhaustive review of options in the low-latency market. In addition, TWS with its strong history of building low-latency networks for leading financial technology companies was key to ensuring that we had the fastest and most reliable network." 12Horizons is a newly established low-latency connectivity provider, based in Singapore and Barcelona. TWS Technologies International, a leading systems integrator to fixed and mobile operators in the Benelux region of Western Europe, was enlisted to build, manage and maintain the network.

"For the low-latency customer who insists on using carrier-grade technologies, we only recommend the Aviat Eclipse platform," says John Viester, director at TWS.

Aviat's Symbol Repeater adds adaptive functionality to regain lost Signal-to-Noise Ratio (SNR) on a dynamic basis, thereby achieving the benefits of repeating without adding modem (modulator-demodulator) latency. With the adaptive Symbol Repeater, symbol regeneration is included in the repeating circuitry, adapting to the level of microwave signal degradation as it is repeated to the next site. This removes the need to use full modem processing at intermediate sites over a route.

The Symbol Repeater functionality has been built on Aviat's latest generation of FPGA-based IP core designed exclusively for low latency networks. This architecture enables Aviat to achieve further reductions in modem terminal latency as well as advanced data interface processing with increased throughput and optimized form factors. Aviat's full service design, engineering, installation, service and support capabilities, ensures customers achieve optimum carrier-class low latency network performance.

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 750,000 systems installed around the world, 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.

SOURCE Aviat Networks, Inc.