VeriWave 802.11n Test Solutions Adopted by Major WLAN Infrastructure Equipment Vendors; Tool Kit Made Public

Cisco, Motorola, Aruba, Trapeze, Xirrus, Colubris, TeamF1, Standardize on VeriWave Solution to Ensure Performance, Adoption of High-speed Offerings

PORTLAND, OR – December 12, 2007 – With the leading providers of Wireless LAN infrastructure - Cisco, Aruba, Motorola, Trapeze, and leading chip vendors - standardizing on VeriWave test solutions to deliver 802.11n networking infrastructure equipment, VeriWave is making public its 802.11n Tool Kit. As the IEEE 802.11n standard continues to evolve promising substantially higher speeds and improved wireless quality, VeriWave's 802.11n WaveBlade continues to be adopted industry wide to speed time to market while maximizing quality, performance, compatibility and profitability.

Addressing the chief deployment hurdles for any emerging WLAN technology, VeriWave's 802.11n test-blade enables testing of an entire enterprise network installation, including wired LAN segments and existing 802.11 a/b/g WLAN components. The VeriWave solution allow testers to generate traffic from up to 500 wireless 802.11n clients per blade as well as to test complex traffic mixes and End-user Quality of Experience (QoE). Integrating traffic generation/analysis with multi-path channel emulation capabilities on a single platform, this solution is designed for testing consumer Access Points and reference designs, enterprise/carrier-grade Access Points and controllers, and entire WLAN networks.

"802.11n is a disruptive technology, and the migration to all 802.11n networks will take some time," said Vijay Raman, Aruba's head of technical marketing. "That means that hybrid 802.11a/b/g/n networks will be with us for some years. VeriWave's tools allow us to quickly and easily test hybrid 802.11a/b/g/n networks, and to enhance our Adaptive Radio Management technology to automatically optimize Aruba WLANs for peak performance in these environments. VeriWave's WLAN testing equipment provides tremendous flexibility with respect to our development and evaluation programs, and we could not be more pleased with their products."

"802.11n networks promise significant performance gains, yet need to co-exist with the installed base of 802.11 a/b/g devices," says Patrick Parker, chief development officer at Xirrus. "Xirrus has taken a proactive approach to this challenge through extensive testing and customer beta program of its 802.11n WiFi Array. We chose VeriWave's 802.11n

test solution as it delivers the scalability, functionality, and automation capabilities needed to conduct such extensive performance verification."

“To verify the industry-leading 802.11n performance levels delivered by Colubris optimized WLAN switch architecture, we needed an industry-leading test solution,” said Roger Sands, vice president of engineering, Colubris Networks. “VeriWave gives us exceptional performance testing capabilities, plus the flexibility to simulate the applications that are important to our customers, including real-time voice, video and data.”

“We are pleased to partner with VeriWave on their new 802.11n Tool Kit,” said James Reeves, Vice President of Engineering, Trapeze Networks. “As a well-respected leader in enterprise wireless networking, Trapeze knows how important it is to deliver on the promise that 802.11n brings. Our Smart Mobile technology ensures that organizations get the full benefits of 802.11n by enabling them to migrate smoothly to 802.11n without disruption or expensive upgrades to their controllers. This in turn is enabled by our unique award-winning architectural approach. But any advanced development effort requires the proper test tools and procedures, and that’s where VeriWave comes in. They’ve been an important partner in our development.”

"We expect 802.11n adoption rates to be the major driver in wireless networking in 2008, particularly in the SMB area,” says Mukesh Lulla, president of TeamF1, a leading supplier of production-ready software for SMB wireless devices. “As we develop high-performance embedded networking and security software for wireless applications, investing in a test system that can qualify all aspects of our designs is critical. VeriWave allows us to verify 802.11n functionality, performance and scalability. With VeriWave we are able to assess our system’s ability to handle a multitude of diverse applications including web traffic, e-mail, video, voice, and corporate CRM applications. The VeriWave system ensures that our solutions meet the requirements of our key OEM customers.”

Establishing Industry Guidelines and Best Practices

VeriWave is making its comprehensive *802.11n Tool Kit* publicly available to help establish industry guidelines for test procedures and expected results. The kit features four key components:

- “802.11n AP Quick Evaluation Test Plan” - designed to facilitate comparison between legacy 802.11 a/b/g and 802.11n network performance;

- “802.11n Master Test Plan” - establishes guidelines, best practices and baseline evaluation criteria for testing the functional behavior and performance of 802.11n infrastructure equipment;

- “802.11n Capacity and Performance Calculator” - offers a handy tool that allows the user to plug in parameters such as number of expected sessions, channel bandwidth and rates, and see how well the WLAN system stacks up;

- “802.11n Test Solutions: Asking the Right Questions” – a guide to selecting 802.11n test tools.

Availability

The 802.11n WaveBlade is available now for 2x2, 2x3 and 3x3 MIMO configurations and will be available for 4x4 MIMO configurations in early 2008.

The 802.11n Tool Kit is available on VeriWave’s web site: http://www.veriwave.com

About VeriWave

VeriWave is the leading provider of test systems for performance analysis of wireless local area network (WLAN) products. VeriWave’s products are used by equipment manufacturers to accurately analyze the performance of their products, as well as by carriers and enterprise users to make the right choice when selecting WLAN equipment for deployment in their networks. For more information about VeriWave, call (503) 473-8350, or go to www.veriwave.com

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