



## **VeriWave Introduces Mobility and Roaming Performance Test for Wireless LANs**

*Automated Tests Scale to Hundreds of Mobile Clients*

PORTLAND, OR — May 8, 2006 — VeriWave, Inc., the leading provider of performance analysis test systems for wireless local area networks (WLANs), has released its *WLAN Roaming Test* application measuring the performance of WLAN systems as clients roam between Access Points (APs). With wireless and wired networks converging and delay-sensitive applications such as Voice over WLANs (VoWLANs) on the rise, VeriWave's new roaming test allows equipment manufacturers and enterprises to accurately measure and fine-tune the performance of enterprise scale wireless networks which are designed to support thousands of mobile devices.

The latest in VeriWave's WaveApps series of applications, the *WLAN Roaming Test* introduces the ability to conduct automated, repeatable tests of roaming capabilities throughout the development, quality assurance, and deployment of large-scale WLAN systems. Metrics that can be established include roaming delay, call quality during roaming and the network's overall ability to support large numbers of mobile clients. With VeriWave's WaveTest 90 traffic generator emulating hundreds of mobile clients, the *WLAN Roaming Test* delivers:

- Automated, repeatable testing and metrics reflecting both client-initiated and controller-initiated roaming ("Thin AP" and "Thick AP" architectures);
- Scalability to test hundreds of WLAN clients emulating complex, real world roaming scenarios, including fast roaming;
- Detailed insight into performance metrics such as maximum roaming client load, roaming delay and packet loss;

- Flexibility to configure and examine varying conditions such as signal strength, distance impairment, security, and encryption;
- Cohesive extended test cycles including regression testing;
- Simplified setup and extensive, executive-level reporting.

“Mobility is one of the main selling points for wireless LANs, which makes testing in this area absolutely essential,” said David Newman, president of Network Test Inc., an independent benchmarking and engineering services firm. “VeriWave’s new roaming application helps address the need for scalable, rigorous roaming tests.”

### ***WaveApps & the WaveTest 90***

WaveApps tests such as the *WLAN Roaming Test*, and the recently announced *802.11 WLAN Performance Benchmark Test*, utilize the powerful traffic generation and analysis capabilities of *WaveTest 90*, the first scalable, automated, qualitative WLAN testing system. By emulating thousands of independent WLAN clients, *WaveTest 90* speeds development cycles and reduces the time and costs associated with development, Quality Assurance (QA), production, and deployment of WLAN equipment. The *WaveTest 90* measures critical network metrics such as capacity, roaming and mobility, security and Quality of Service (QoS).

With mobility in general and voice applications in particular, being the main impetus to the deployment of WLANs in enterprise installations, the need to validate the ability of such a system to handle mobile clients becomes paramount. Says VeriWave’s CTO Tom Alexander, “Every day the pressure on vendors to be first to market with superior, affordable products grows. In such a rigorous development environment, the existence of highly scalable and repeatable testing is absolutely essential to profitability.” Co-author of draft IEEE 802.11.2, outlining qualitative benchmarking of WLAN performance, Alexander says manufacturers targeting VoWLAN applications are leveraging the *WLAN Roaming Test* to secure an early lead in one of the industry’s most demanding, fast-growing segments.

## **Pricing & Availability**

The *WLAN Roaming Test* is available now at a list price of \$6,000. The application runs on the WaveTest 90 and WaveTest 20 Traffic Generator / Analyzer.

## **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](http://www.veriwave.com).

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