



VeriWave Unveils “WiMix™”: Industry-first Wireless Performance Testing Targeted to Vertical Markets

Groundbreaking Real-world Traffic Mixes Improve ROI from Design through Deployment of Wireless LANs and Municipal Networks

PORTLAND OR – July 30, 2007 – VeriWave, the leader in wireless networking functional and performance analysis systems, is introducing the industry’s first test suite to accurately and reliably replicate real-world traffic models representative of vertical market usage. With pre-packaged traffic mixes from healthcare, education, office building, hot spot environments, government and law enforcement, VeriWave’s new *WiMix™ Real World Traffic Tests* eliminate the guesswork associated with predicting how specific equipment and network configurations will perform when turned up in live environments. With this knowledge, IT managers, network planners and equipment manufacturers can safeguard end-users’ “quality of experience” (QoE) by subjecting networks to realistic traffic loads and profiles without risking security breaches, capacity and performance issues encountered in testing performance on production networks.

QoE is one of the toughest challenges facing wireless network planners particularly as the mix of applications grows and diversifies. By leveraging real-world traffic mixes and scalability, VeriWave’s groundbreaking approach allows equipment manufacturers, network integrators and service providers to offer solutions tailored to specific industries, and IT managers to verify vendor claims and test network designs without compromising mission critical applications.

Ben Gibson, Director of Mobility Solutions at Cisco says, “Cisco’s Unified Wireless Network is designed to meet a wide range of applications, as well as serving as a foundation for industry-specific solutions. With WiMix and its ability to generate a wide variety of real-world business, government and municipal traffic mixes, we can take our solution validation process to the next level. This unique approach of simulating real-world network behavior in a single, integrated test system helps Cisco drive true, solution-level value to our wireless customers.”

Previous to WiMix, networking manufacturers and integrators had to rely on using a handful of handsets and PCs to simulate the complex interactions between hundreds of different network users, each utilizing the network in a unique way. Through extensive research of live networks and working closely with the industry’s leading equipment manufacturers, VeriWave gained first-hand insights into traffic patterns representative of those found in various businesses as well as the unique challenges of planning and meeting service level agreements within each industry.

“As enterprise-class and metro-scale wireless-LANs grow to significant numbers of infrastructure and client-device nodes, real-world testing and benchmarking is no longer

feasible,” said Craig Mathias, a Principal with the wireless and mobile advisory firm Farpoint Group (Ashland, MA). “WiMix represents a big step forward in developing tools that can give both vendors and end-users a high degree of confidence that a given configuration will work as intended when put into operation.”

Why “Mix”— and How

The new WiMix application leverages the unique capabilities of VeriWave’s WaveTest platform that allow testers to generate and manipulate actual wireless clients and conditions. WaveTest allows users to create, configure and control variables impacting end-user experience and performance, including e-mail traffic, web browsing, CRM applications, audio and video file transfers, video sessions, voice calls, scanners, and RFID asset management and tracking devices. Hundreds of such sessions can be combined in complex traffic scenarios representative of live environments. The WiMix test suite allows the user to set pre-determined Service Level Agreements for each traffic type. At test completion, WiMix reports the ability of the network to adhere to these Service Level Agreements for each of the traffic types .

Eran Karoly, VeriWave’s vice president of marketing, says the costs of being wrong with regard to predicting performance, rise exponentially once equipment goes live in a production network. “Previous to WiMix, no viable alternative existed. With WiMix and the ability to generate a wide variety of real world traffic mixes – retail, government, healthcare and others - suppliers and users alike are able to pre-qualify solutions for specific industries as well as their own individual business environments. This is the first time anyone has taken the behavior of an entire real world network and integrated it into one test system to take the guesswork out of predicting performance.”

Available now, WiMix real world traffic tests can be run on VeriWave WaveTest systems or in VeriWave’s WaveLabs facility in San Jose, CA.

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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