



## **VeriWave Introduces “Eco-system” Testing for Wireless Client Devices**

### ***New WaveClient™ Targets Testing of Medical Devices, Industrial Controllers, Handsets***

PORTLAND, OR, May 20, 2008 – VeriWave is extending its mobile performance testing solutions to include wireless client devices used in healthcare, retail, government, communications and industrial applications. The leading provider of benchmarking technology to WLAN equipment vendors is extending its solutions to providers of wireless-enabled patient monitoring systems, VoIP handsets, industrial controllers and point-of-sale devices. Bringing “real world” scenarios into the test lab, VeriWave’s new *WaveClient* test suite is the first to bridge the gap between limited lab tests and potentially disruptive testing in actual user networks.

"As mission-critical applications move to wireless networks, we see an increased demand for consistent quality and higher reliability." says Daniel Corsetti, Senior Analyst at IDC. "This in turn means a greater need to be able to measure how individual devices are impacting, or impacted by, the overall performance of the network."

*WaveClient* allows wireless device manufacturers to create the actual network eco-system surrounding the device – including specific mixes of equipment, applications and traffic conditions – in the lab – and measure how devices will coexist, how well a system will scale, and how consistently traffic will be prioritized.

According to In-stat, shipments of WiFi chipsets are expected to hit 430 million by 2009, with the WiFi Alliance projections estimating more than 100 million used in devices other than Access Points and PCs.

“WiFi is expanding from its traditional use in laptops to mission critical applications, such as patient monitors, disaster recovery, asset tracking, and retail transaction processing,” says Eran Karoly, vice president of Marketing at VeriWave. “In the past, these devices were being tested as stand-alone units in ideal conditions. However, it is essential to test them in the same demanding environment in which they will eventually operate, as is the case in a hospital for example.”

In a recent VeriWave webinar, guest host GE Healthcare cited the most important issues in wireless patient monitoring and VeriWave addressed the challenges facing developers of mission-critical wireless client devices – reliability, the ability to stay “always-on”, generate alarms when necessary while eliminating false-alarms, and to maintain connectivity with the network while mobile.

*WaveClient* responds to one of the major obstacles facing wireless-enabled device testing - the need to verify their behavior in their operational environment. It utilizes the air-rate traffic generation capabilities of VeriWave’s *WaveBlades* to create an entire deployment specific environment consisting of laptops, handsets, scanners, RFID tags and video cameras. The performance of the wireless-enabled device being tested is then measured in a variety of network conditions, all precisely controlled by the user.

### **“Real World” Client Testing: Bridging the Gap between the Lab Net and the Live Net**

“Up until now, testers have had two choices,” says Karoly. “They could either cobble together a few devices in the lab and test with limited scalability, or they could risk putting a device into an actual live network which can not only be disruptive but it makes it very difficult to isolate causes and effects. In one scenario, they don’t get a complete picture of how the new device will impact the live network; in the other they don’t get a clear picture of how to optimize the network to maximize the performance of the device.”

VeriWave’s *WaveTest* Traffic Generators and *WaveClient* tests for vertical industries replace dozens of other devices that would be needed to conduct the same range of tests; while introducing unprecedented scalability, repeatability and control over test variables. Generating and analyzing real world usage scenarios enables:

- Scalability to 1000’s of clients
- Pre-set or user-configured tests for vertical industry traffic
- Repetition and fine-tuning of tests
- Cabled and “open air” tests
- Varying of traffic mix, stress levels, utilization
- Detailed reporting of QoE, QoS, compliance with SLAs
- Fast diagnosis of failures for debug Detailed reporting
- Comprehensive testing from design through deployment

“*WaveClient* will dramatically reduce the cost, time and effort required to thoroughly test a new device,” says Karoly. “Vendors can bring new products to market much faster with much greater confidence in how they will perform. Integrators and users will in turn be able to measure and choose the devices that will perform best in their unique environments. All in all, we eliminate increasingly high-profile surprises.”

### **Pricing & Availability**

The *WaveClient* test suite will be available in June; pricing is based on the number of interface ports required.

## **About VeriWave**

Testing with VeriWave ensures maximum performance for mobile networks, devices and applications in the real world. From development through deployment and beyond, VeriWave helps leading manufacturers, service providers and users measure, analyze and improve speed, quality, interoperability, compliance and other pivotal aspects of mobile performance. For more information about VeriWave, call (503) 473-8350, or go to [www.veriwave.com](http://www.veriwave.com)

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