

## **Tektronix' IMS Solution Proves Successful in Industry Forum Tests**

### **Tektronix Demonstrates Spectra2's IMS Multi-Protocols and Element Emulation at Second IMS Forum® Plugfest™ Interoperability Event**

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Tektronix, Inc. , a leading worldwide provider of communications network management and diagnostics solutions, announced the successful multi-vendor inter-operation of its Spectra2 IMS solution at the IMS Forum's second IMS Plugfest held in June for application and service interoperability. Plugfest II focused on interoperability for VoIP, IP Centrex, IP PBX, SMS and fixed mobile convergence.

Spectra2 provides network operators and equipment manufacturers a comprehensive Single Box IMS Test and Generation solution. The solution offers core IMS testing through support of the SIP and Diameter protocols, and supports signaling and media protocols and codecs for associated PSTN and VoIP access. Spectra2's SIP dynamic parameter management capabilities position the solution as a leading SIP testing platform for IMS and VoIP environments.

Tektronix demonstrated Spectra2's key IMS protocols Diameter and SIP, performed element emulation of IMS functions, including x-CSCF, HSS, SIP and UA, and inter-networked with multiple element vendor participants under load and functional test conditions.

"IMS complexity and interoperability continue to be challenges for network operators and equipment manufacturers. The success of our tests with Spectra2 at Plugfest II validates our first-hand experience in protocol competency and demonstrates the readiness of our solution for the IMS market, which enable us to deliver a solution that helps our customers meet these challenges head on," said Richard Kenedi, General Manager, Network Diagnostics, Tektronix. "As operators introduce new services with their equipment and software partners, we can help them ensure the quality of their services from development through deployment."

Tektronix also participated in the inaugural Plugfest held in January. That Plugfest focused on basic IP voice, routing fundamentals and the interoperability of the IMS transport layer. The IMS Plugfests are a series of open testing events that are designed to foster interoperability by establishing an industry-recognized Interoperability certification for IMS services and applications. The Plugfest testing events are creating industry-recognized interoperability test plans for IMS applications and services, allowing service providers to expedite IMS service rollout.

#### About Spectra2

The Spectra2 solution provides VoIP, IMS and converged network testing features in one system. The solution provides support for passive monitoring, protocol testing and large-scale load generation, delivering versatility and flexibility in an integrated application. Spectra2 is the solution customers turn to for meeting the challenge of converged and next generation networks, whether that includes performing protocol conformance testing, validating interoperability or verifying performance.

#### About Tektronix

Tektronix is a leading supplier of test, measurement, and monitoring products, solutions and services for the communications, computer, and semiconductor industries -- as well as military/aerospace, consumer

electronics, education and a broad range of other industries worldwide. With 60 years of experience, Tektronix enables its customers to design, build, deploy, and manage next-generation global communications networks, advanced and pervasive technologies. Headquartered in Beaverton, Oregon, Tektronix has operations in 19 countries worldwide. Tektronix' Web address is <http://www.tektronix.com/>.

Tektronix provides network operators and equipment manufacturers a comprehensive and unparalleled suite of network diagnostics and management solutions for fixed, mobile, IP and converged multi-service networks. These solutions support such architectures and applications as fixed mobile convergence, IMS, broadband wireless access, WiMAX, VoIP and triple play, including IPTV. Learn more about Tektronix' communications test, measurement and network monitoring solutions by visiting <http://www.tek.com/communications>.

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