

Tektronix Delivers Enhanced Testing for Converged and VoIP Networks BICC Support and Doubling of RTP Large-Scale Load Generation Ensure Robust Network Testing on Spectra2

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Tektronix, Inc. , a worldwide provider of communications network management and diagnostics solutions, announced the availability of new Spectra2 Release 4.4 software that doubles the VoIP and converged network RTP large-scale load generation features of the market-leading Spectra2™ VoIP testing solution. Additionally, release 4.4 introduces scripting of Bearer Independent Call Control (BICC) call models in its Monitor, Tester and Generator applications.

Spectra2 combined with the WTI RTP board is a state-of-the-art load solution that can perform large-scale media tests, allowing users to evaluate busy hour call capacity by simulating load under ever-increasing, real-world operating conditions. Because users need the ability to emulate real-world conditions in order to test and diagnose the quality and reliability of voice services, large-scale load capacity is critical. Existing WTI RTP users can see immediate load performance improvements with a software upgrade to Spectra2 Release 4.4 without the need for a hardware upgrade. The WTI RTP board uses a wideband trunking interface to generate real-time transport protocol streams with media, and integrates with Tektronix' array of VoIP protocol suites.

The Spectra2 BICC Testing Package provides the ability to emulate the BICC Service Node (SN) for IP media bearer testing and BICC STC transport. BICC is designed to help carriers migrate from the PSTN to IP-based networks without loss of legacy network features and services. BICC is derived from ISUP and represents a critical step toward broadband multimedia networks, enabling the seamless migration of circuit-switched TDM networks to IP and high-capacity broadband multimedia networks. BICC also benefits users implementing the IMS (IP Multimedia Subsystem) architecture, which defines how IP networks should handle voice calls and data sessions, and supports the convergence of wireline, wireless and IP/broadband networks and services. The addition of BICC support for the Spectra2 allows carriers to ensure delivery of existing revenue-generating voice services in a converged network.

"Since its introduction, the Spectra2 large-scale load solution has been the leading VoIP generation testing platform," said Richard Kenedi, Senior Director, Diagnostics, Tektronix, Inc. "With BICC support plus double the RTP load generation capacity, Spectra2 Release 4.4 software remains on the cutting edge of technology required to meet the needs of carriers and equipment manufacturers. The value to our customers is a single-box testing solution that provides high-capacity load generation for signaling and media in multi-service networks."

Spectra2 Release 4.4, along with the Spectra SS7 testing solution, are part of Tektronix' Internet Protocol Diagnostics (IPD) product portfolio that provides network equipment manufacturers and service providers easy-to-use test and measurement tools for the analysis and QoS measurement of media over IP and protocols in the core of converged multiservice networks.

About Tektronix

Tektronix, Inc. is a test, measurement, and monitoring company providing measurement solutions to the communications, computer, and semiconductor industries worldwide. With more than 55 years of experience, Tektronix enables its customers to design, build, deploy, and manage next-generation global communications

networks and advanced technologies. Headquartered in Beaverton, Oregon, Tektronix has operations in 19 countries worldwide. Tektronix' Web address is www.tektronix.com.

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