

## **Tektronix Spectra Version 5.2 Delivers Comprehensive Solution to Verify the Integrity and Compliance of PSTN and IP Network Protocols**

### **Boosts Sigtran Testing Portfolio; Tests Signalling Gateways, Application Server Processes and Application Servers**

PRNewswire-FirstCall  
BEAVERTON, Ore.

Tektronix, Inc. , a worldwide provider of communications network management and diagnostics, announced the availability of new software for the market-leading Spectra™ diagnostics product that offers comprehensive Sigtran and SS7-based signalling conformance testing capabilities for telecommunications carriers, developers and equipment manufacturers. Spectra Release 5.2 adds the ability to emulate, test, generate and evaluate networks and network elements that support the SS7 SCCP User Adaptation Layer (SUA) running over Steam Control Transmission Protocol (SCTP).

As carriers build out next-generation networks, they need testing tools that help ensure interoperability between legacy and VoIP signalling technologies and validate equipment performance across converged networks. Spectra 5.2 software adds SUA Tester, a new application which works in conjunction with Spectra's TCAP Tester and TCAP Generator applications. Spectra 5.2 enables users to easily emulate network elements such as Application Servers (ASs), Application Server Processes (ASPs), Signaling Gateways (SGs), Signaling Processes (SPs) or Signal Transfer Points (STPs) that use SS7 and SUA over SCTP and IP network connections for signalling protocol delivery.

"Spectra 5.2 further increases Spectra's overall Sigtran testing portfolio by providing conformance testing for the new SUA technology," said Richard Kenedi, Senior Director, Diagnostics, Tektronix. "With the full suite of SUA testing features added to existing support for M2PA and M3UA protocol testing, Tektronix provides the most comprehensive suite of protocol monitoring, testing, generation and emulation support to verify the integrity and compliance of IP and PSTN network protocols."

The SUA Tester application generates SS7 SCCP and TCAP signaling traffic to stress test ASPs and SGs. Users can perform functional and conformance testing for ASPs, SGs and AS(s), as well as evaluate SUA protocol performance across SGs, ASPs and AS(s).

The Spectra 5.2 Release is 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](http://www.tektronix.com).

NOTE: Tektronix is a registered trademark of Tektronix, Inc. All other trade names referenced are the service marks, trademarks or registered trademarks of their respective companies.

SOURCE: Tektronix, Inc.

CONTACT: Amy Higgins of Tektronix, Inc., +1-503-627-6497, or  
amy.l.higgins@tektronix.com

Web site: <http://www.tektronix.com/>

---

<http://news.tektronix.com/2005-10-19-Tektronix-Spectra-Version-5-2-Delivers-Comprehensive-Solution-to-Verify-the-Integrity-and-Compliance-of-PSTN-and-IP-Network-Protocols>