

Tektronix Expands VoIP Monitoring Solutions to Enable Service Providers to Deploy, Monitor and Maintain Enterprise VoIP Services

Tektronix' Active Test Solutions Combine with its Monitoring Suite to Enable Total Core-to-Premise Visibility

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Tektronix, Inc. , a leading worldwide provider of communications network management and diagnostics solutions, announced the expansion of its assurance suite of VoIP monitoring solutions to include new active test probes and capabilities that enable service providers and cable companies to effectively deploy, monitor and maintain VoIP services to their enterprise customers.

The Active Assurance product enhancements represent a key new element of Tektronix' market-leading Unified Assurance performance monitoring portfolio to provide network core-to-premise visibility into VoIP, data and Fax-over-IP service delivery at the network, service and customer layers for a complete end-to-end performance monitoring solution. These enhancements enable service providers to recognize and address problems that may arise at the premise, providing better understanding of their enterprise service customers' quality of experience.

"As VoIP service adoption begins to span large-scale deployments in the enterprise, providers need to ensure VoIP reliability and quality exceed service level agreements and customer expectations," said Doug Dickerson, Vice President and General Manager, Network Management, Tektronix. "Tektronix' active test solutions provide the carrier visibility into the enterprise in order to rapidly identify, isolate and resolve service issues. This enables our service provider and cable customers to provide their enterprise end users the best possible VoIP service quality."

Tektronix' New Enterprise-Specific VoIP Monitoring Solutions

The new high-performance test probes extend Tektronix' comprehensive service and network monitoring from core, edge and access networks to directly within customer premises. Unique to the industry, Tektronix complements this extended reach into the enterprise by adding wideband or high-definition VoIP codec support to active speech quality tests. With the new capability, providers can perform Fax-over-IP testing over narrow and wideband codecs from an enterprise site to other sites both on-net and off-net.

-- The PowerProbe® 100 active test probe, designed for large enterprise on-site installation, generates and responds to active test calls on any standard VoIP interface, including analog connections in hybrid VoIP/Legacy PBX installations. Because probes can receive test calls at an assigned phone number, tests can traverse firewalls and session border controllers to validate VoIP service quality as experienced by actual callers, while ensuring the security and encryption valued by enterprise IT organizations are not compromised.

-- Tests controlled by the web-based Tektronix DirectQuality® R7 test automation OSS enable complete VoIP service validation: speech quality tests provide PESQ MOS, and R-Factor over both standard and wideband VoIP (G.722) standards, in addition to a complete range of underlying analog and IP impairments such as echo, noise, voice-path delay, call volume and clipping. Tests can also verify and troubleshoot caller ID and voicemail issues, IP network performance as well as Fax / FoIP connection and transmission performance.

-- The PowerProbe 50TG active test responder with active media-stream test generation provides comprehensive VoIP and IP quality of service validation for small enterprise sites. The PowerProbe 50TG can respond to calls from other 50TGs as well as PowerProbe 100's for site-to-site automated mesh-style service testing and on-demand troubleshooting to identify site-specific issues.

About Tektronix' Unified Assurance Portfolio

Tektronix' industry-leading Unified Assurance network management suite provides integrated, end-to-end performance monitoring solutions for customer, service and network assurance. UA supports a full range of monitoring capabilities across next generation mobile and IP networks, including active test products for VoIP, voice and video. The Tektronix solutions support carrier troubleshooting, provisioning and service quality initiatives, accurately reflecting the true subscriber experience.

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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