

Tektronix Announces Next Generation Service Assurance Platform for Converged Networks

Tektronix Takes Established UA Platform to Next Level to Address Multi-Service, Multi-Technology Performance Monitoring

PRNewswire-FirstCall

BEAVERTON, Ore.

Tektronix, Inc. , a leading worldwide provider of communications network management and diagnostics solutions, announced the next generation of its market-leading Unified Assurance platform to address the service assurance performance monitoring and management needs of multi-technology, multi-service fixed and wireless network operators. Unified Assurance for Converged Networks (UACN) provides end-to-end service level views for all user sessions across multiple access and core network technologies.

Building upon its successful VoIP performance management solutions, the Tektronix UACN platform will initially focus on voice services delivered over IP next generation networks. The UACN framework is highly extensible and will include support of video, mobile, data and legacy networks and services in subsequent releases.

"Service providers are evolving their performance monitoring strategies from an element and alarm management approach to a service level performance and quality of experience focus," said Doug Dickerson, Vice President and General Manager, Network Management, Tektronix. "As they make this transition, service providers are dealing with tremendous complexity. They have services that run across multiple networks, including converged IP networks, and they need visibility from one end to the other. With UACN, we have taken an innovative and proactive approach to meeting service providers' evolving performance monitoring and management needs. We will continue to evolve UACN to match our customers' changing needs for managing next generation networks and advanced services to help them differentiate themselves."

Today's communications market is fiercely competitive. With the transition to network convergence, operators can stay competitive by rapidly offering personalized, value added services to their customers, while reducing operating costs and effectively managing capital expenditures. UACN represents an evolution in flexibility, scalability and usability that will better equip service providers with monitoring solutions that enable this transition by providing real-time visibility into service performance, customer quality of experience and customer response to new services. With this information, operators are brought closer to their customers, enabling them to have greater control over their revenue streams.

UACN: Framework for a Converged Network Performance Monitoring Strategy

Leveraging its experience in delivering network, service and customer assurance solutions to mobile and fixed operators around the world, Tektronix' UACN framework has been designed to match service providers' network and OSS transformation initiatives by providing a complete end-to-end view of service level performance across different networks. The UACN framework incorporates all of the advanced features supported by Unified Assurance applications available today and substantially builds on them to better support the business, analytics and operational needs of service providers.

UACN's Orion Service Assurance for Voice Services will enable operators to measure the performance of voice services delivered to their customers, including determining uptake rates, failure rates and performance trends over time for specific target markets and sub-markets. In addition, impact analysis tools give operators information on the extent to which markets and customers are affected by network issues. Unlike other

monitoring systems, UACN Service Assurance for Voice Services supports the real-time informational needs of business processes for multiple departments within the network operator's enterprise -- from operations, to network planning and engineering, to marketing and sales.

A new application to the UACN framework is the Interconnect Services module that allows extended visibility of voice service performance for calls that transit into or out of the operator's network over IP next generation networks. The Interconnect Services module incorporates features tailored to help service providers monitor and manage the quality of services delivered to or received from interconnect partners and key wholesale customers over application layer or IP peering arrangements in next generation networks.

Features include:

- Proactive, quantitative reporting of interconnection performance by destination and carrier
- Proactive traffic monitoring to ensure high levels of ASR, NER and MOS are maintained to maximize billable minutes and customer satisfaction and mitigate regulatory and service related complaints
- Ability to assess route quality filtered by country code, region and carrier to identify opportunities and alternatives for least cost routing
- Quick analysis of service and network problems through the drill down capability into the Failed Call Log Summary and Call Trace

The UACN framework applications are presented and managed through a new, user-friendly, customizable GUI that offers a complete array of service-specific performance indicators for easy assessment of service status, along with the ability to quickly drill down to underlying network issues. Continuously updated service performance summary displays of KPIs can be viewed side by side with graphical views of select KPI performance over time. Reports, alarms and alarm groups can also be easily customized and personalized through dashboard "portlets" and securely accessed using standard web browsers.

UACN incorporates an advanced software architecture built on SOA and NGOSS principles and provides open interfaces for rapid integration with third-party legacy applications to more easily support OSS transformation initiatives. As functionality is added to the UACN platform, matching the current mobile and fixed network, service and customer assurance applications, existing customers will be able to easily migrate from their existing UA implementations to take advantage of the increased functionality and usability UACN provides.

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>.

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.

First Call Analyst:

FCMN Contact: beth.p.woodward@tektronix.com

SOURCE: Tektronix, Inc.

CONTACT: Carol DeMatteo of Tektronix, Inc., +1-469-330-4588,
carol.dematteo@tek.com

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

<http://news.tektronix.com/2007-06-18-Tektronix-Announces-Next-Generation-Service-Assurance-Platform-for-Converged-Networks>