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RADVISION EXPANDS SIP SERVER DEVELOPMENT PLATFORM

New Version Enables Advanced VoIP Communication Functionality With New SIP Events Server, TLS Implementation for Advanced Call Security, and Enhancements to Back-to-Back User-Agent Module

Spring VON Tradeshow (Booth 409) and Glen Rock, New Jersey, March 29, 2004 -- RADVISION (Nasdaq: RVSN) today announced version 2.0 of its award-winning SIP Server Platform. This new version includes unique features, product enhancements, and full support of the latest version of the SIP standard (RFC 3261- baseline SIP).

The SIP Server Developer Platform v2.0, with its new enhancements, is a service creation platform that provides developers with a powerful tool for building SIP-based communications products. The platform features RADVISION's powerful standards-based SIP stack as well as a robust fully functional SIP Server with APIs for easy implementation of complex services and features. The platform supports all leading operating systems currently used in SIP Server architectures, including VxWorks, Red Hat Linux, Windows NT/2000/XP, and Solaris.

This new version features a new Events Server add-on module, providing specific implementation of Presence Server and Watcher Information (Winfo) event templates, as well as a general interface for implementing any SIP event package. Event servers are significant in that they enable enhanced communication of state and other key information between SIP devices.

“Our SIP Server Platform radically simplifies and accelerates development of advanced SIP-based communications products by providing a standards-compliant, robust, and high performance implementation of the various aspects of SIP server functionality,” said Boaz Raviv, General Manager of RADVISION's Technology Business Unit. “We have consistently provided our customers with the product, features, and professional services required to develop advanced technologies and solutions that keep the RADVISION name in the forefront of the industry today.”

The RADVISION SIP Server Developer Platform provides a complete framework for developing all types of SIP Server applications. Products developed using the RADVISION SIP Server Platform include:

- Proxy Servers (stateless and stateful)– carrier class, enterprise, or other
- Registrars, Redirect Servers, Presence, and Winfo Servers
- Load Balancers
- Call State Control Function (CSCF) Servers in 3G mobile (3GM) networks
- 2.5G mobile network infrastructure equipment
- Firewall and NAT traversal systems
- Back-to-Back User Agents --Transparent B2BUA, Third Party Call Control (3PCC)
- Application servers and service creation platforms
- Session border controllers
- Conference bridges
- Softswitches
- Gateways

Key Features in version 2.0 of RADVISION's SIP Server Developer Platform:

RFC 3261 Compliance

The SIP Server Developer Platform v2.0 complies with the latest version of SIP (RFC 3261- baseline SIP) and supports all SIP Server high-level and low-level functionality as specified in the standard. Additionally many other SIP-related specifications are supported as detailed in the product spec sheet.

Back-to-Back User Agent (B2BUA) Enhancements

RADVISION has led the way in enabling the implementation of a Back-to-Back User Agent (B2BUA), providing tight call control and allowing implementation of a wide range of SIP applications including PoC servers, Call Center and IP-PBX applications. This new version of the RADVISION B2BUA also delivers an implementation of Third-Party Call Control (3PCC) state machine enabling applications developed using the RADVISION solution to connect a call between two parties and transfer a connected call to a third party.

Events Server Add On

The Events Server is a general implementation of specific event notification, as discussed in RFC 3265, and provides a complete implementation of a Notifier. This add-on module provides a general SIP-extensible framework exposing APIs to the application, allowing handling of any type of SIP event package (including user-defined packages) and enabling the building of a general purpose SIP Events Server. In addition to this general-purpose framework, the add-on module provides the specific implementation of a Presence Server and the template event package of Winfo.

Advanced Call Security through TLS

TLS (Transport Layer Security) is a security protocol that is typically layered on top of connection-oriented transports, such as TCP. TLS allows client-server applications to securely communicate over TCP and prevent eavesdropping, tampering, or forging messages or identities.

Connection Persistency

In many cases, a SIP Server can maintain multiple messages, transactions, and dialogs with another SIP Server or Gateway calling for reuse of a single TCP connection. By enabling persistent connection the server can avoid repeated opening and closing of TCP connections, and thereby saving the extra messaging overhead of the TCP handshake (and even more so in TLS connections).

Future Proof through IPv6 and IPv4 Support

The SIP Server Developer Platform fully supports both IPv4 and IPv6 as underlying protocols and can be used seamlessly with either type of network. IPv6 support is particularly important for cellular networks since the IPv4 address space is not sufficient.

Integrated Server Components

The SIP Server Developer Platform introduces the unique concept of Server Components for enhanced extensibility, which can be customized to any system or environment. Server Components are application plug-in software modules that implement non-SIP-specific aspects of server functionality. The SIP Server Platform interacts with Server Components through a well-defined open interface. RADVISION provides a default implementation for all components. However, the application developer or a third-party can easily extend or replace the components to further tailor the SIP Server Platform to specific system requirements.

Availability

RADVISION's SIP Server Developer Platform v2.0 is currently available worldwide.

About ENSEMBLE

RADVISION's ENSEMBLESM is a comprehensive architecture of solutions and applications for the development of voice and video over IP and 3G wireless products. The RADVISION solution is also complemented by the company's highly experienced professional services offerings, ideal for assisting in the design and development of a solution and substantially reducing time-to-market.

About RADVISION

RADVISION (Nasdaq: RVSN) is the industry's leading provider of high quality, scalable and easy-to-use products and technologies for videoconferencing, video telephony, and the development of converged voice, video and data over IP and 3G networks. For more information please visit our website at www.radvision.com