

Corporate Contacts:

Tsipi Kagan
Chief Financial Officer
RADVISION
Tel: 201-689-6340
cfo@radvision.com

Adi Paz
Sr. Director, TBU Marketing
RADVISION
Tel: +972-3-767-9636
adip@radvision.com

Investor Relations:

June Filingeri
Comm-Partners LLC
Tel: 203-972-0186
junefil@optonline.net

RADVISION ROLLS OUT ENHANCEMENTS TO AWARD-WINNING 3G-324M DEVELOPER PLATFORM FOR BUILDING 3G SERVERS/NETWORK DEVICES

Advanced Modules Enable Creation of Carrier-Class 3G Servers with All the Advanced Functionality Necessary for the Delivery of 3G Video and Multimedia Services

FAIR LAWN, New Jersey, April 4, 2005 -- RADVISION (Nasdaq:RVSN) today announced a suite of significant new server development-oriented modules for version 3.0 of its 3G-324M Developer Toolkit. These new modules address core functionalities and features required for the creation of carrier-class servers specifically suited for powering real-time 3G multimedia and video services.

New server-oriented features and modules of version 3.0 address:

- Distributed Computing Architecture – by enabling 3G-324M call control to run on different processors than those used for media processing, developers can now create and deploy a highly scalable and redundant distributed network architecture
- Passive Call Monitoring - necessary for lawful intercept/CALEA, network testing, and call recording/video mail services
- High Availability – Enables the implementation of a hot standby network architecture where calls are maintained in the event of a server going off line for maintenance, upgrade, or failure
- Quick Call Set Up Time - Support of the popular WNSRP proposed standard for exceptional fast call set up
- Shared Common Cores Across Multiple Communication Protocols – v3.0 of the 3G-324M toolkit features a shared core with other RADVISION developer solutions, enabling the developer to easily add other communications protocols such as SIP, RTSP, MEGACO, and H.323 to an IMS or 3G-324M-powered server
- Session Reset Signaling – enabling a call management server to tell a terminal in the network to reset a call and initiate other services on that call such as announcements, video mail, or IVR (Interactive Voice Response)
- Improved Synchronization Between 3G-324M and Underlying Networks - addresses issues relating to 3G-324M-based calls interworking with other network protocols (e.g. PSTN, ATM or other 3G networks)

“3G real-time services such as video streaming and video telephony, based on the 3G-324M protocol, are just now going mainstream through pilots and general deployments in 3G networks around the world” said Adi Paz, Senior Director of Marketing and Product Management for RADVISION’s Technology Business Unit.

“As 3G services move from the concept and trial stage to real pilots and general deployments touching millions of handsets and users, the level and functionality required in today’s 3G servers are much more carrier class with demands for high availability, distributed architecture, and standards-based implementation of features.”

“Our new modules for the development of 3G-324M servers address these requirements and give our developer partners a powerful toolkit for creating carrier-class, high-performance network devices that will enable new services and features on the 3G network,” Mr. Paz continued.

Develop and Deploy Scalable, Distributed Server Architecture

Traditionally, a single processor performs both call control (H.245) and media/signaling processing (H.223). With version 3.0 these two functions can be performed on separate processors, allowing the development and implementation of a highly scalable, reliable call architecture where the signaling is handled in a single processor, blade, or server which then controls multiple processors, blades, or independent servers where the actual H.223 and media handling are done.

Passive Call Monitoring

The Passive Monitor is a new set of APIs that allows the analysis of single call legs by looking at bit stream recordings and listening in on calls in real time. This enables the creation of many passive applications such as, call recording, surveillance/lawful interception, call analyzer applications, and testing tools.

High Availability

New APIs found in version 3.0 of RADVISION’s 3G-324M Developer Platform enable the development of hot standby servers. These servers are passive participants in every call so, should the active server be brought down for maintenance, upgrades, or failure, the passive server becomes active and calls are not dropped.

WNSRP Support for Faster Call Set Up Time

Version 3.0 of RADVISION’s 3G-324M Developer Platform features full support for embedding the proposed WNSRP standard into 3G servers. This new proposed 3G-324M-related standard currently under consideration by the ITU and endorsed by much of the 3G industry, speeds up the handling of H.245 messages in 3G-324M by using a windowing mechanism that can send several different messages at the same time. It ensures that all messages are received and are in the correct order. Without WNSRP up to ten signals would have to be sequentially sent before a 3G-324M session could be established. WNSRP works in a similar manner to NSRP. It adds a response window that enables an overlap of the round trips required by H.245 messages, thus reducing substantially call setup time.

Common Core with Other Communication Protocols

All of RADVISION's developer platforms feature that same underlying core. This enables developers who use the RADVISION 3G-324M Developer Platform to easily and intuitively implement SIP, H.323, RTSP, MEGACO, or any other IP communication functionalities into the server platform easily with minimal relearning of new interfaces or APIs. In this increasing world of convergence, devices and servers are required to support multiple protocols and standards. For example, 3G implements both 3G-324M and SIP and the IMS architecture specifies both SIP and MEGACO, in addition to 3G-324M, as supported protocols.

Being able to leverage common cores across many different products and developer solutions enables quicker time to market, reduced costs and overhead and easier development through a standards developer interface and architecture.

Enhanced Codec and H.245 Capabilities Support Through the Generic Extensibility Framework (GEF)

This new add-on module contains simple APIs for codecs defined by H.245 Generic Extensibility Framework, such as MPEG-4, AMR, H.264, and H.239. This new functionality enables the rapid development of applications requiring the latest enhancements to the standards.

Session Reset for Enhanced Call Functionality

Version 3.0 also features session reset functionality, enabling a call management server to tell a terminal in the network to reset a call and initiate other services on that call such as announcements, video mail, or IVR (Interactive Voice Response).

Improved Synchronization between 3G and Other Networks

Now that 3G-324M-powered devices are widely used for real-time communications, servers are required to handle 3G-324M streams with other networks or protocols. This has led to a number of synchronization challenges that version 3.0 addresses. First, one of the byproducts of cross network communications is that the bytes in a call can easily fall out of alignment. To address this new issue, version 3.0 of the RADVISION 3G-324M Developer Platform enables advanced synchronization of bit-shifted streams such as when trying to access a switch through a PRI or ATM interface. Additionally, some servers do not signal the terminal when a call hangs. In these cases the RADVISION-powered system can detect extended loss of synchronization between a handset and a server and reset the call.

Availability

Version 3.0 of RADVISION's 3G-324M Toolkit is now available worldwide.

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