



PRESS RELEASE

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RADVISION RAISES THE BAR IN MULTIPOINT CONFERENCING WITH NEW VERSION OF MCU AND OPTIONAL MULTIMEDIA PROCESSING CARD

New MCU v3 and MVP Card Provides Unparalleled Video Processing, Full SIP Support, and Advanced Multipoint Conferencing Features and Functionality

Networld+Interop, Las Vegas, April 29, 2003 – RADVISION (Nasdaq: RVSN) today announced its new MCU version 3 and MVP multimedia processor, delivering powerful multipoint conferencing and advanced media processing features and functionality to its *viaIP*[™] line of videoconferencing network infrastructure solutions. This new MCU is being publicly shown in RADVISION's suite at Networld+Interop in Las Vegas (suite ER-18, across from booth 6840) and will be generally available by the end of Q2, 2003.

Featuring major advancements in supporting emerging protocols (SIP and 3G-324M), end points (Tandberg DuoVideo and Microsoft[®] Windows[®] Messenger), and delivering advanced processing, screen layouts, data collaboration, and call management, the new MCU v3 represents an industry breakthrough in videoconferencing with support for emerging standards, new features, and high-quality media processing.

“RADVISION has been working diligently to provide the videoconferencing and video telephony markets with a powerful MCU solution to raise the standard of real-time voice, video and data collaboration,” said Gadi Tamari, CEO of RADVISION. “With this new MCU and media processing card, our powerful *viaIP* solution will deliver, both to enterprises and service providers who offer managed videoconferencing services, the features, functionality and increased quality to make visual communications an easy-to-use, cost effective and powerful component of any communications strategy.”

Wide Protocol Support

The new MCU v3 supports all existing and newly ratified video standards, including traditional IP (H.323), ISDN (H.320), IP (SIP), and Cellular (3G-324M), enabling an enterprise to implement a visual communications solution ideal for today's existing networks and end points and provide a migration path to new emerging standards such as SIP and 3G-based video telephony.

With the MCU v3, the RADVISION *viaIP* is the first videoconferencing product line to fully support SIP, enabling enterprises to incorporate SIP-based end-points such as Microsoft's messenger into an existing IP or ISDN videoconferencing network. Leveraging RADVISION's advanced architecture, every port in the RADVISION MCU v3 can be dynamically used to support either an H.323 or SIP call, thereby avoiding the high cost of purchasing and provisioning additional, protocol-specific, ports or an additional protocol-specific MCU.

The MCU v3 also features version 4 of the H.323 protocol stack, the most recent and feature rich version of the IP protocol, with specific functionality ideal for IP videoconferencing applications.

Support Of Virtually Any End Point

This MCU is another step in RADVISION's goal of supporting any end point in the industry. RADVISION works closely with end point manufacturers to ensure that its platform supports the signaling protocols and advanced features of new and exciting end points as they emerge on the scene.

For example, the MCU v3 features modifications necessary to fully support multipoint and multiprotocol multimedia conferencing using Microsoft's Windows XP, its SIP-based IM end points (Windows Messenger), and its new IM Real-Time Communications (RTC) server, as announced in a separate press release yesterday. The RADVISION *viaIP* with MCU v3 and WM/RTC interoperability has been selected as a finalist for Network+Interop's BEST OF INTEROP award in its convergence category due to this support.

Another example of full support of advanced features and new endpoints is support of Tandberg's DuoVideo solution both in RADVISION MCU v3 and its recently announced *viaIP* gateway v2. The MCU v3 supports both an end-to-end DuoVideo video session and also bridges between a Tandberg end point running DuoVideo and other, non-Tandberg terminals. In this case, the user on a non-TANDBERG terminal will be able to choose whether he want to see the video stream (people) or data stream (presentation) portion of the conference.

Advanced Processing

RADVISION's new optional MVP leverages the latest generation of Texas Instruments' (TI) programmable DSP (Digital Signal Processor), providing a processing system with unparalleled power and advanced features, functionality, and quality for both video and audio signals. Examples of these new processor-enabled features include: bandwidth optimization (QoS); discrete conference stream to each end point depending on user settings and system capabilities (e.g., continuous presence to high bandwidth systems and single-speaker image to low bandwidth systems such as 3G video phones); H.261 to H.263 transcoding, frame rate transcoding; resolution transcoding; downspeeding; advanced speed matching; and support of the G.722.1 voice compression algorithm which provides the best standards-based audio stream possible with minimal bandwidth overhead (8 – 16 Kbps vs. 64 Kbps).

Additionally, by virtue of the company's use of general purpose DSPs, the platform is software upgradeable and will dynamically support new compression algorithms, such as H.264, as they are ratified. This is in stark contrast to using custom-designed voice and video chips which are not upgradeable but rather have hard-wired functionality embedded in silicon, requiring a new chipset to implement new technology requirements.

Advanced Screen Layouts

With the new MVP media processor, the MCU v3 also delivers a host of new layout options, including an increased number of continuous presence options, industry first picture in picture layouts, zoom in on active speaker, dynamic layout where the display adjusts as people leave/join the conference, color highlight of active speaker, and text identification of speakers. The system also features a lecture mode by which an instructor can view multiple students in auto-switching mode on the screen while students see only the instructor.

Unparalleled Web-Based Data Collaboration

The MCU v3 also features full support for industry-standard T.120 data collaboration without dependence on a video end point. Prior to this, a data collaboration stream was associated with a video end point. With the new MCU v3, users without a video end point are provided with a Web link with which to participate in the data collaboration component of the session through his/her Web interface (note: for active participation, a user can dial in to the MCU conference using a telephone and participate in voice-only mode).

Open API For Development Of Custom Applications

As part of the ongoing effort to keep the RADVISION MCU as flexible as possible, the MCU v3 contains an extensive XML API that allows third-party developers, such as technology partners, third-party application developers, and communications service providers, to develop integrated applications for the MCU and RADVISION videoconferencing platform.

Powerful Call Management

The MCU v3 provides a number of new call management features and a new Web GUI that makes a videoconference session easy to set up and administer. The conference chair controller may summon a video operator by clicking on a menu-button during a video call. Additionally, individual users who are granted authorization by the call administrator will be able to change the call layout on the fly, use H.243 for conference control, manage participant Q&A and voting, and dynamically move speakers to other quadrants when in continuous presence mode. The MCU v3 also supports conference breakouts, where two or more people can leave a conference for an audio sub-conference and, when finished, rejoin the ongoing videoconference.

Network Resource Management

Another unique feature of the MCU v3 is its bandwidth optimization support by reducing the amount of unnecessary video streams. The RADVISION MCU v3 reduces network bandwidth use by ordering end points/terminals whose video output is not currently displayed on the conference session (e.g., voice activated display) to stop sending video. All other MCUs currently on the market today keep all terminals sending video streams at the same time, regardless of whether the video output is used in the dynamic display of the multipoint call. In this application, the MCU v3 acts as a policeman on the network, sending start and stop "send video" commands to the terminals, saving bandwidth resources for both the enterprise and service provider's network.

Availability

RADVISION MCU v3 and its optional MVP (Multimedia Video Processor) will be generally available in Q2, 2003

About RADVISION

RADVISION LTD. (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.

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