



iVIEW™ Desktop

For Microsoft® Office Live Communications Server

Increase productivity with desktop multimedia conferencing

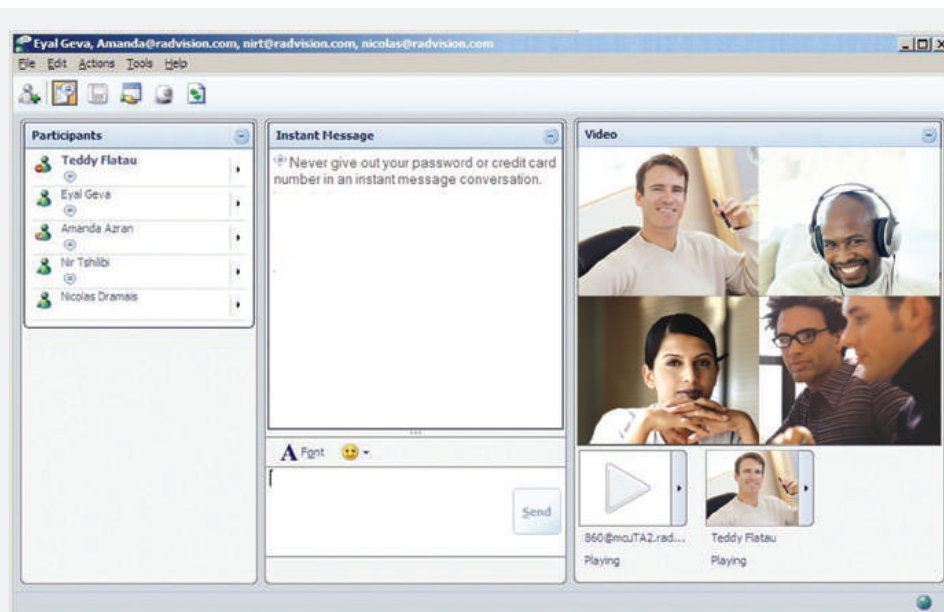
Imagine logging on to your desktop computer, and immediately seeing that your associates are online. With no more than a simple click, you can launch a high quality multipoint voice, video and data conference call.

Today, organizations across the globe are using Microsoft® Office Live Communications technology for company-wide Instant Messaging (IM) and point-to-point voice and video calls.

With the power of RADVISION's iVIEW™ Desktop, enterprises can now bring multimedia conferencing and multi-device functionality to Live Communications architecture. iVIEW Desktop

enables multiparty voice, video, and data conferencing with full connectivity to all voice and video devices used throughout the enterprise. iVIEW Desktop is a highly scalable, software-based solution, enabling gradual growth – from small pilot installations to large-scale, multi-site deployments. With smart bandwidth and resource management, iVIEW Desktop optimally utilizes existing network resources for cost-effective multimedia communications.

iVIEW Desktop leverages RADVISION's market-proven multipoint conferencing technology and market-leading SIP and H.323 toolkits. This ensures full compliance and interoperability with all types of communication devices.

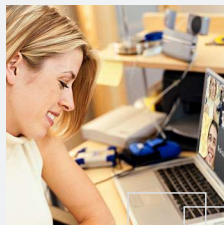
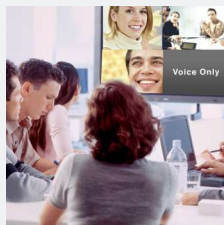


Did you know?

More and more enterprises today are discovering the power of Instant Messaging (IM)-based communications for productive enterprise-wide collaboration. According to independent analyst research, IM is the fastest growing communication channel in history.

- 92% of all enterprises are now using IM
- By the year 2007, analysts expect 95% of North American information workers to use enterprise IM systems

Osterman Research 2004



iVIEW Desktop Benefits

Voice, video and data collaboration

iVIEW Desktop delivers "turbo-charged IM" – taking you beyond standard keyboard chat – to a world where you can simultaneously hear and view multiple participants and share data applications from the same window. Invite 'Buddies' to a chat session to simply escalate it to a multimedia, multiparty conference.

Easy-to-use, familiar Microsoft applications and Active Directory Integration

iVIEW Desktop is a one-click conferencing solution that couldn't be easier. iVIEW supports intuitive presence-based conference initiation, as well as simple dialing models. Microsoft® Outlook integration allows for simplified scheduling, with no need to learn new applications. iVIEW Desktop tightly integrates with the enterprise Active Directory server, removing the need for a separate user directory.

Scale up with multi site distributed servers

iVIEW Desktop is a fully scalable solution that supports thousands of concurrent sessions. You can effectively manage multi-site installations by distributing small conferencing servers across dispersed branches throughout your enterprise. This facilitates optimal network resource utilization, including conferencing servers, gateways, and bandwidth, while keeping network complexity completely transparent to users.

Full connectivity – today and tomorrow and everywhere

With RADVISION Gateway technology, iVIEW Desktop supports full connectivity from your desktops to any standard telephone, 3G mobile videophone or room video system.

Software-based for lower costs

By implementing iVIEW Desktop on top of standard Microsoft Windows servers, IT management costs are greatly reduced. iVIEW Desktop integrates with existing Live Communications clients (Windows Messenger, Istanbul), removing the need for an additional client while reducing end-user training costs.

Extensible and Customizable

Supporting standard protocols and open APIs, iVIEW Desktop can be customized to optimally integrate with enterprise workflow applications.

Technical Specifications

Conference types supported

- **Ad hoc** – Conference is created on-the-fly based on the availability of resources (ports, bandwidth).
- **Scheduled** – Conference is scheduled in advance and the required resources (ports, bandwidth) can be allocated in advance or allocated on a first-come, first-serve basis as users join the conference.

Conference creation options

- **Conference Assistant** – From a Microsoft® Live Communications Client (Windows Messenger, Istanbul), start an instant messaging (IM) session, invite the conference assistant 'buddy' and turn that chat session into a multiparty voice video and data conference.
- **Schedule an Outlook meeting** – Send an Outlook online meeting invitation. The meeting invitation will contain all the information needed to join the conference including dial-in instructions.

Conference dial-in and dial-out options

- Dial-in from any phone¹
- Dial-in from any 3G Video phone²
- Dial-in from any IP based video room system³
- Dial-in from any ISDN based video room system⁴
- Invite Windows Messenger and Live Communications Client ("Istanbul") users
- Dial-out to room systems⁵
- Dial-out to phones or 3G video-phones⁶



¹ Requires an optional voice Gateway

² Requires an optional 3G Gateway

³ Requires an optional room system connectivity kit

⁴ Requires an optional ISDN Gateway

⁵ Requires an optional room-system connectivity kit (ISDN systems also require an optional ISDN Gateway)

⁶ Requires an optional voice / 3G Gateway

Built-in Conference Layouts

- Voice Only
- Full screen - active speaker shown
- Split screen – four participants shown

Optional Enhanced conference layouts⁷

- Enhanced and simultaneous view of conference participants with a choice of 26 different layouts that can vary in choice from 16, 1+12, 2+8, 9, 1+7, 3+4, 1+5, 4,3,2 and 1
- Unique Picture-in-Picture display
- Dynamic Layout according to the number of conference participants
- Participant name display as text overlay on top of the video
- Active speaker indication on top of the video
- Symmetrical and asymmetrical up and down streams for optimal bandwidth utilization, and ADSL networks

Call Signaling Protocols

- SIP
- H.323 V4.0⁸

Video Coding Formats

- H.261
- H.263

Audio Coding

- G.711
- G.722.1
- G.723.1
- G.729

Multiparty Data Conferencing⁹

- Application/screen sharing
- Whiteboard
- File transfer
- T.120 based
- Integrated with Microsoft Live Communications client (code name "Istanbul")

Supported Resolutions

- QCIF
- CIF

Firewall Traversal¹⁰

- SIP signaling and multipoint audio video and data traversal through multiple firewalls and NAT networks

Supported Microsoft Office Live Communications Server (LCS) Versions

- Live Communications Server 2003
- Live Communications Server 2005

Outlook Integration Requirements

- Microsoft Outlook 2000 with Service Pack 3
- Microsoft Outlook 2002 (Office XP)
- Microsoft Outlook 2003

Natively Supported Desktop Endpoints

- Windows Messenger 5.1
- Live Communications Client (code name "Istanbul")
- eConf version 4.0

Server System Requirements

- Windows 2003 Server
- iVIEW Communication Manager(iCM):
Pentium IV at 2.8 GHz with 512MB memory and 500MB of free disk space
- iVIEW Conferencing Server (up to 30 ports)
Pentium IV at 2.8 GHz with 512MB memory and 500MB of free disk space
- iVIEW Conferencing Server (up to 100 ports):
Dual Xeon at 3.0 GHz with 1GB memory and 1GB of free disk space



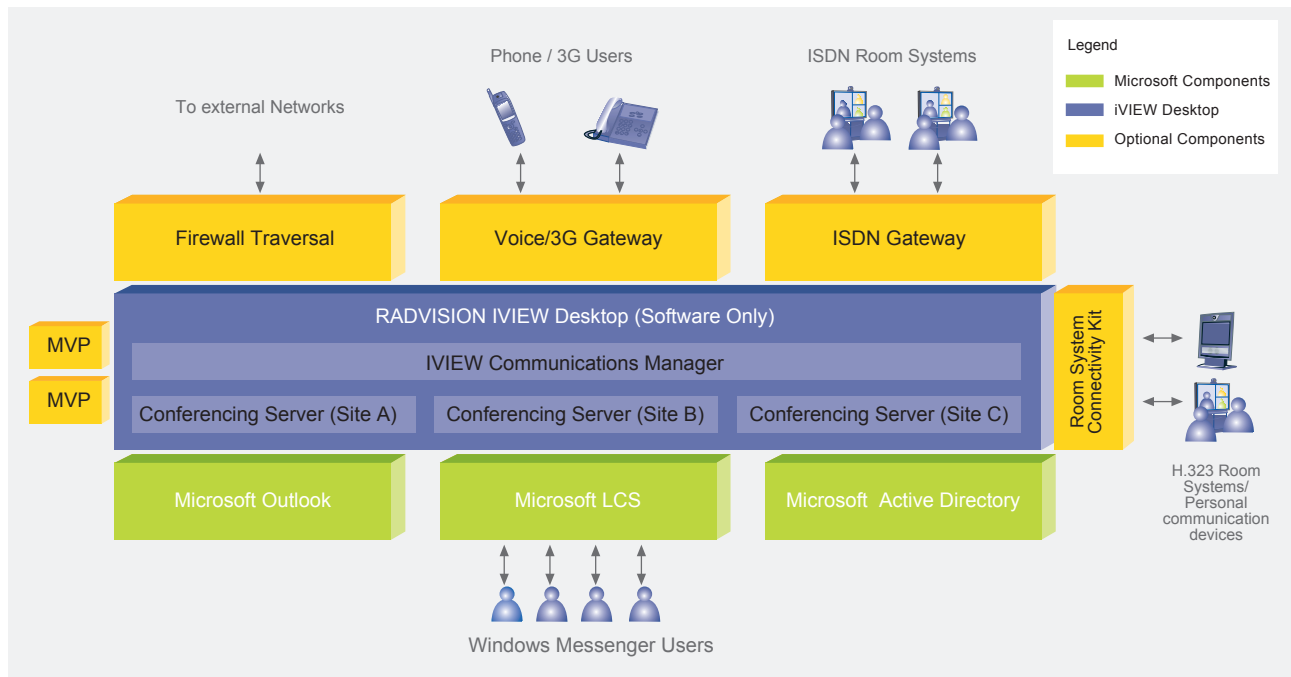
⁷ Requires an optional Media Video Processing (MVP) module

⁸ Requires optional room system connectivity kit

⁹ Required an optional Data Collaboration Server (DCS) module

¹⁰ Requires optional firewall traversal devices

iVIEW Desktop Architecture



iVIEW Communications Manager

- Manages distributed conferencing servers
- Integrates with Microsoft Office Live Communications Server, Microsoft Active Directory and Microsoft Outlook
- Full network management, including: optimal conference resource allocation, bandwidth management, distribution management, fault management and more.

Distributed conferencing servers

- Enable multimedia (voice, video, and data) collaboration.
- Can be distributed over a multi location network to minimize network congestion and maximize network efficiency.

Optional Room System Connectivity Kit

Facilitates connectivity to H.323 room systems and personal communication devices.

Optional ISDN and Telephony Connectivity

3G and ISDN (H.320) gateways for voice and video connectivity

Optional Media Video Processing (MVP)

Digital Signal Processing (DSP) based module for enhanced conference layouts, video protocol transcoding and rate matching.

Optional Firewall Traversal

For multimedia (voice, video, and data) connectivity over multiple firewall and NAT boundaries where there is no Virtual Private Network (VPN).

About RADVISION

RADVISION (Nasdaq:RVSN) offers one of the broadest and most complete set of video, voice, and data conferencing network solutions for advanced IP video communications in enterprises, global organizations, and service provider networks. The RADVISION solution provides the core infrastructure and network management, security, administration, and QoS tools necessary to roll out a high-quality IP-based communications architecture while maintaining overall network performance. And, to ensure maximum ease of use, the RADVISION solution also features a number of software modules, called iVIEW, that seamlessly integrates videoconferencing with an organization's existing workflow applications such as Microsoft Office 2003 and Windows Messenger - making multimedia calling as easy as scheduling an Outlook meeting, dialing a telephone, or starting an IM conversation. For further information go to www.radvision.com

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