



Video Communications as Easy as a Phone Call

Avaya Video Telephony Solutions powered by Polycom® – Desktop Edition

Avaya Communication Manager users can now easily add video to their voice communications, without changing their voice or video infrastructure. This opens up a new realm of collaboration possibilities.

Desktop video conferencing can be a very productive way to enhance workgroup collaboration, but these solutions have been fraught with usability issues...until now. All too often, users have become frustrated by connection complexity, operational issues and per usage costs of video based communications and have chosen to abandon the technology or not to deploy it at all. Now, there is an affordable solution that makes video conferencing an excellent choice for many types of collaborative enterprise communications.

Avaya, a leader in Converged Communications including IP Telephony, and Polycom, a leader in the video conferencing market, have jointly created a solution that takes the familiar user interface of the telephone and applies it to desktop

video conferencing. By integrating Avaya IP Softphone with the Polycom ViaVideo® product, Avaya Communication Manager users can now press a button on a familiar desktop telephone or click an icon on their PC and add video to an existing voice call, automatically... and without a difficult, new user interface to learn.

Cost-Effective, Converged Communications Increases Collaboration

Desktop video conferencing systems have historically been expensive and hard to justify. Today, these issues are changing as cost effective, high quality webcam and video software technology is now making its way into enterprise-focused, IP-based desktop video conferencing. Solutions such as Polycom ViaVideo provide enterprise-class video quality at a reasonable price, as they require little additional access hardware or expensive proprietary infrastructure other than a desktop or laptop PC.





As converged communications and IP telephony are also moving beyond the early adopters into the mainstream of today's enterprise, real time collaboration thru video conferencing is now another compelling communication choice. Enterprises are taking advantage of the cost savings and applications-enablement afforded by converging their voice and data networks. They can now transform their business with high productivity communications tools like Avaya Video Telephony Solutions powered by Polycom.

Avaya Video Telephony Solutions powered by Polycom

Desktop Edition

Avaya and Polycom have provided a comprehensive integration of market leading technologies to make it simple to add video to a voice call. By combining Avaya IP Softphone with the Polycom ViaVideo into a simplified desktop application, users can easily initiate point-to-point video calls on their personal computers that are associated and controlled by an existing Avaya Communication Manager IP Telephony session. Productivity-enhancing features of Avaya Communication Manager, such as mute, hold and call transfer, can be seamlessly applied to the video session once the voice session is established. Workgroup collaboration is extended and enhanced easily and cost-effectively. Users can leverage the Instant Messaging and Presence capabilities of Avaya IP Softphone and determine whether or not other Video Telephony users are available for video calls. Users no longer have to know and use a separate ISDN phone or an IP address to make a video call. All they have to do is dial the other person's phone number.

Specific solution capabilities include:

- Adds Polycom ViaVideo video conferencing to an Avaya IP Softphone call
- Audio portion of call can be directed to an Avaya IP or Digital Telephone, or PC sound card
- Avaya IP Softphone automatically detects whether Polycom ViaVideo client is present
- Users can drop video portion of call without affecting audio portion
- No special configuration of Avaya Communication Manager is required for solution to operate
- Able to leverage existing Avaya Communication Manager features

Solution Components

Avaya IP Softphone R5.1

This Windows-based client application supports integration with Avaya Communication Manager telephony software and emulates a telephone on an appropriately configured PC. It supports several modes of operation and integrates with a variety of applications including Microsoft Outlook and Lotus Notes.

Video integration is supported in the following modes of operation:

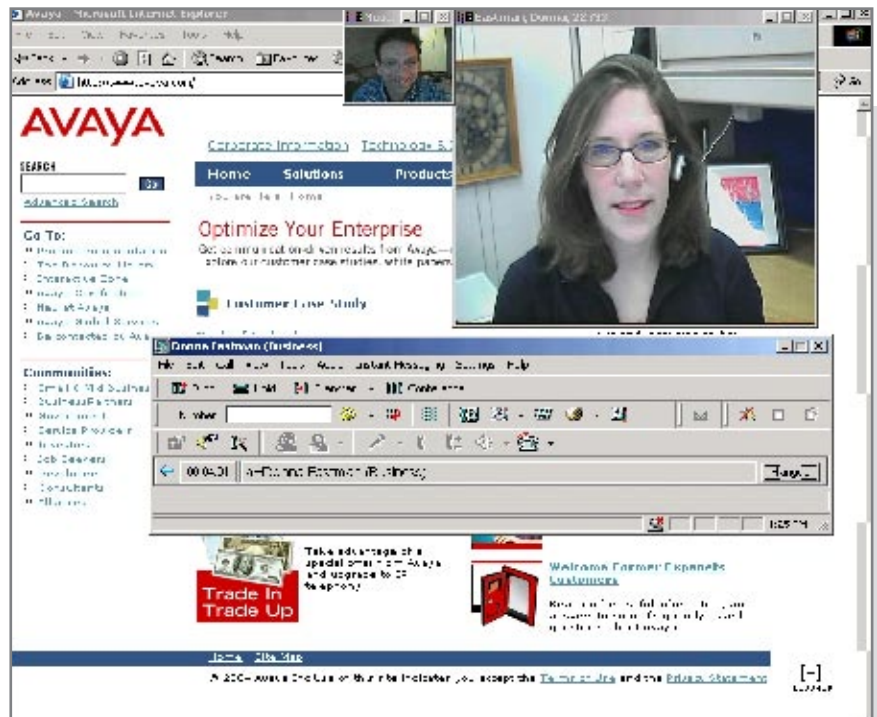
- **Shared Control:** Allows the PC user to perform call control while using the desktop IP or Digital telephone for audio. The same phone they use today for their voice calls.
- **Road Warrior:** Allows the PC user to perform call control while using the PC sound card for audio.

Polycom ViaVideo I or II camera with V5.1.1 Software

This is a fully integrated personal video communication system consisting of a high-quality camera and multimedia processor in a compact and portable form factor that connects to the USB port of a PC. ViaVideo allows you to effectively video conference and run other desktop applications at the same time.

Avaya Integrator for Polycom Video

This is a software module, free of charge, that adds Polycom ViaVideo to IP Softphone. It performs the integration functions that allow IP Softphone to interface with ViaVideo.



A fully integrated personal video communication system consisting of a high-quality camera and multimedia processor in a compact and portable form factor that connects to the USB port of a PC

An affordable solution that makes video conferencing an excellent choice for many types of collaborative enterprise communications

SPECIFICATIONS	
Video:	Solution Requirements:
<ul style="list-style-type: none"> • H.261, H.263 • Multiple Monitor Support (if supported by PC video card) • Brightness Control • Low light, backlight compensation • Video privacy shutter • Video mute 	<ul style="list-style-type: none"> • Avaya Communication Manager or Avaya DEFINTY® R9.5+* • Avaya IP Softphone R5.1 • Avaya IP Softphone R5 User License • Polycom ViaVideo I/II Camera • Polycom ViaVideo Software V5.1.1 or higher • Avaya Video Directory Server: A video dial plan server running MySQL and PHP is required for video endpoints to register with. Avaya will provide the MySQL directory schema and a sample PHP script for access to the database. An internet video dial plan server is available for testing.
People Video Resolution:	Minimum PC Hardware Requirements:
<ul style="list-style-type: none"> • CIF (352x288 pixels) • QCIF (176x144 pixels) • Supports 32-320Kbps at up to 15 frames per second (fps) • Supports 320-512Kbps at up to 30 fps 	<ul style="list-style-type: none"> • USB Support • 400 MHz Intel® Pentium® II compatible with MMX™ • 256K RAM (Road Warrior mode)/128K (Shared Control Mode) • 342MB available disk space • Headset/headphone or computer speakers • Broadband IP Network Access (64 Kb or greater) • 6 Mb Video Memory • 256 colors or better • USB (1.1 or 2.0) port • 1024x768 SVGA Monitor Resolution
Camera:	Minimum PC Software Requirements:
<ul style="list-style-type: none"> • 1/5 inch color CCD sensor • VGA resolution: (640x480 pixels) • Field of View (FOV): 56 degrees • Brightness Control • Low light, backlight compensation • Manual Focus, Tilt, Swivel • Video privacy shutter 	<ul style="list-style-type: none"> • Microsoft® Windows 2000 or Windows XP • Microsoft® Internet Explorer V6.0 or higher • Microsoft® DirectX® Version 8,1 or higher
Network Interface:	
<ul style="list-style-type: none"> • IP LAN <ul style="list-style-type: none"> – Cable Modem – DSL 	
<small>* Use of digital phones for audio requires Avaya Communication Manager 2.0 and higher.</small>	

About Avaya

Avaya enables businesses to achieve superior results by designing, building and managing their communications networks. Over one million businesses worldwide, including more than 90 percent of the FORTUNE 500®, rely on Avaya solutions and services to enhance value, improve productivity and gain competitive advantage.

Focused on enterprises large to small, Avaya is a world leader in secure and reliable IP telephony systems, communications software applications and full life-cycle services. Driving the convergence of voice and data communications with business applications – and distinguished by comprehensive worldwide services – Avaya helps customers leverage existing and new networks to unlock value and enhance business performance.

reach
AVAYA
a higher plane
of communication

IP Telephony

Contact Centers

Unified Communication

Services

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