

# Polycom® V500™

## Features and Benefits



G.722.1 Annex C (based on Polycom Siren™ 14)	<b>Audio</b> <ul style="list-style-type: none"><li>• 14 kHz crystal clear, wideband audio, while only using 24-48 Kbps of bandwidth, depending on the data rate of the call</li><li>• Eliminates fatigue associated with straining to hear every word</li><li>• Near CD-quality sound for dynamic audio performance</li><li>• Superb clarity to hear the subtleties of every word</li><li>• Rated the best audio algorithm in the industry; outperforming MPEG4 in all tests</li><li>• Included with every V-series and VSX system</li><li>• For more detailed information, see <a href="http://www.polycom.com/siren14">www.polycom.com/siren14</a></li></ul>
Audio Error Concealment	<ul style="list-style-type: none"><li>• Reduced audio drop-out on busy IP or ISDN networks</li><li>• Smooth, consistent verbal communications without interruptions</li><li>• Corrects audio from any system seamlessly</li><li>• Activates automatically, only when needed</li></ul>
H.264 Video	<b>Video</b> <ul style="list-style-type: none"><li>• Use less bandwidth to conduct video calls of equal quality compared to calls using the H.263 standard</li><li>• Unparalleled video quality for lower line rate applications</li><li>• Remote office advantage since less bandwidth is needed</li><li>• Cost savings to any organization</li><li>• Supported at data rates from 64Kbps to 768Kbps</li></ul>
Pro-Motion™ H.263 – receive only	<ul style="list-style-type: none"><li>• Full-screen, TV-like video quality with fluid, precise motion handling</li><li>• Greater image detail with 50/60 fields per second</li><li>• Most natural video communications experience possible</li></ul>
Video Error Concealment	<ul style="list-style-type: none"><li>• Reduced video drop-out on busy IP networks and the Internet</li><li>• Smooth, continuous video without interruptions</li><li>• Maintain active face-to-face contact</li><li>• Accomplish meeting objectives without worrying about the video integrity</li><li>• Activates automatically, only when needed; drops out when not needed</li></ul>
	<b>Content Sharing</b>
People+Content™, H.239	<ul style="list-style-type: none"><li>• Polycom People+Content or standards based H.239 to insure interoperability</li><li>• Dual images allows the far end to see the content and the speaker at the same time</li></ul>
People+Content IP	<ul style="list-style-type: none"><li>• Using a light utility on your PC, simply connect to your V500 and PC content is shown to all conference participants</li><li>• This feature can be used by anyone in the conference, even remote voice-only participants!</li></ul>
Adjustable Bandwidth for Content	<ul style="list-style-type: none"><li>• Choose variable bandwidth allocated to People or Content</li><li>• Allows setting quality preference of a 90% / 10% split between People and Content or sharing bandwidth equally between People and Content (50% / 50%)</li><li>• User adjustable setting can be accessed both during a call and outside of a call</li></ul>

## User Interface

Calendar & Call Scheduler	<ul style="list-style-type: none"><li>• Quick and easy access to a monthly calendar with current date and time posting</li><li>• Schedule individual or repeat meetings to dial automatically</li><li>• Create and save multipoint team meetings</li></ul>
Customizable Home Page	<ul style="list-style-type: none"><li>• Display only the necessary buttons on the Home Page</li><li>• Unique design to meet your organization's needs</li><li>• Simplified graphical interface for novice users</li><li>• Easy to understand icon driven menu navigation decreases learning curve</li><li>• Kiosk Mode allows you to create a look and feel that suits your application</li><li>• Leads to increased use of video</li></ul>
Dual Monitor Emulation	<ul style="list-style-type: none"><li>• Use Dual Monitor Emulation for the most efficient use of a single display</li><li>• Makes optimum use of a 16:9 display</li><li>• View near and far video windows at the same time</li><li>• Alternate layout views supporting near end, far end and content</li></ul>
User Selectable Camera Icons	<ul style="list-style-type: none"><li>• Use icons that represent your industry</li><li>• Intuitive icons match the input device</li><li>• Custom name gives the icon clear meaning</li><li>• Selection – 5 libraries to choose from</li><li>• Decreases learning curve</li></ul>

## Platform Versatility

Integration with Microsoft® Live Communications Server (LCS) via SIP	<ul style="list-style-type: none"><li>• Integrates directly with Microsoft collaboration infrastructure</li><li>• Registers and authenticates with Microsoft LCS 2005</li><li>• VSX and V-series users can be added to Microsoft Communicator</li><li>• Presence information sent to LCS indicating video buddies' availability</li><li>• You can use your Buddy list to launch calls from the V500 user interface</li></ul>
Simple Plug and Play Installation	<ul style="list-style-type: none"><li>• Integrated microphone and camera</li><li>• Sleek, set top format to use on top of TV or flat panel display</li><li>• Headphone jack for privacy</li><li>• Personalized graphical user interface makes it easy to use</li><li>• Install wizard guides available for easy installation</li><li>• Use TV grade displays (NTSC/PAL)</li><li>• Use TV speakers for external audio</li></ul>
IP (H.323 or SIP) or ISDN/IP Models	<ul style="list-style-type: none"><li>• Choose the right configuration for your specific network connection</li><li>• Supports UPnP and NAT for automatic setup of conferences conducted through firewalls</li><li>• Wide range of IP QoS services to insure call quality and integrity</li></ul>
Advanced Encryption Standard (AES)	<ul style="list-style-type: none"><li>• Communications are confidential and secure</li><li>• Authentication by the National Institutes of Standards means it's credible</li><li>• Built-in, no extra hardware required</li></ul>
H.460 NAT/Firewall Traversal	<ul style="list-style-type: none"><li>• Standards compliance for traversing NATs and Firewalls</li><li>• Session border controller (V2IU) is only needed at the central location and all VSX and V-series systems with H.460 can communicate through the single V2IU</li><li>• Uses H.460.18 for signaling traversal and call establishment and H.460.19 for media traversal</li></ul>
E-Mail dialing format when dialing across IP security boundaries	<ul style="list-style-type: none"><li>• Easy and intuitive E-mail video dialing</li><li>• Operates with Polycom's V2IU™ Firewall Traversal Appliance</li></ul>

	<ul style="list-style-type: none"> <li>• Deployable to wide range of customers, suppliers and partners</li> </ul>
	<p><b>Interoperability</b></p>
Part of Polycom's Unified Collaborative Communications	<ul style="list-style-type: none"> <li>• Remote management through Global Management System™</li> <li>• MGC Click &amp; View™ offers a variety of layout templates for a multi-point call right from the system's handheld remote</li> <li>• Extended conferencing with Polycom PathNavigator™</li> <li>• Schedule, invite participants and manage conferences easily with Polycom Conference Suite</li> <li>• Use the Polycom SE200 for management, scheduling and gatekeeping</li> </ul>
Configurable MTU packet size	<ul style="list-style-type: none"> <li>• Allows administrators to set the MTU packet size, based on needs of their network</li> <li>• Optimizes packet size minimizing overhead and network congestion</li> <li>• Default setting is 1260</li> </ul>
Standards-based	<ul style="list-style-type: none"> <li>• Solid, reliable platform</li> <li>• Qualified by independent test labs</li> <li>• Interoperates with other vendor's systems</li> <li>• Easy to install even in a multi-vendor environment</li> <li>• See technical specifications for full list of standards</li> </ul>
Baseline Mode	<ul style="list-style-type: none"> <li>• Set your system to baseline mode, H.261 and G.711, for maximum interoperability with legacy video conferencing systems</li> <li>• Accessible via web, FTP or on-screen UI for easy access by the network administrator</li> <li>• Can be turned on and off as needed</li> </ul>
FIPS 140-2 Certified	<ul style="list-style-type: none"> <li>• Provides ultimate security including Secure Telnet, Secure TLS in Web, Telnet, FTP, Secure Web (HTTPS), Security Mode</li> <li>• Optimal for networks that demand FIPS security validation on devices</li> </ul>