Polycom® VSX™ 6000
Features and Benefits

	Audio
G.722.1 Annex C (based on Polycom Siren™ 14)	• 14 kHz crystal clear, wideband audio, while only using 24-48 Kbps of bandwidth, depending on the data rate of the call • Eliminates fatigue associated with straining to hear every word • Near CD-quality sound for dynamic audio performance • Superb clarity to hear the subtleties of every word • Rated the best audio algorithm in the industry; outperforming MPEG4 in all tests • Included with every VSX system • For more detailed information, see www.polycom.com/siren14
Polycom StereoSurround™	• 2 channels of 14 kHz crystal clear audio • Superb clarity to hear the subtleties of every word • Easily decipher multiple, simultaneous conversations • Distinguish which side of the room people are talking from, just like in a real meeting
SoundStation VTX 1000® Integration*	• Use the SoundStation VTX 1000 as the microphone for the video system, as well as a standalone audio conferencing phone, and eliminates the VSX tabletop microphone array • Enables POTS voice-only callers to be added to a video conference • Maximize the value of audio and video equipment investments when used together • Enhanced voice pickup range compared to other microphone solutions - you can additionally use the SoundStation VTX 1000 extension microphones for even greater pickup • Video dial, mute, call hangup and call redial from the SoundStation VTX 1000 keypad • Upgrade an audio call between SoundStation VTX 1000s when integrated with your VSX to video by simply pressing one button • Supports StereoSurround
VSX Microphone Array	• 360° audio pickup • Padded feet filter out table-top noise • Sensitive enough to pick up whispers, smart enough to eliminate unwanted background noise • Versatile and attractive design for table top, wall or ceiling mount • Only one VSX microphone array needed to support StereoSurround • Gated enhanced stereo pickup
Audio Error Concealment	• Reduced audio drop-out on noisy networks • Smooth, consistent verbal communications without interruptions • Corrects audio from any system seamlessly • Activates automatically, only when needed

** SoundStation VTX 1000 integration not available in all territories.*
Contact your Polycom representative for availability.

POLYCOM®

	Video
H.264 Video	• Use less bandwidth to conduct video calls of equal quality when compared to calls using the H.263 standard • Unparalleled video quality for lower line rate applications • More bandwidth is available for other business • Cost savings to any organization • Supported at data rates from 64Kbps to 768Kbps
Pro-Motion™ H.263 – receive only	• Full-screen, TV-like video quality with fluid, precise motion handling • Greater image detail with 50/60 fields per second • Most natural video communications experience possible
XGA Monitor Support	• Use a XGA display for main display or 2nd display • Clearly see content in XGA resolution • Flexibility in configuration, allowing users the display of their choice • Supports up to 1024 x 768 resolution
Support for 16:9 or 4:3 Format	• User selectable display format • 16:9 aspect ratio with Dual Monitor Emulation is perfect for widescreen displays • High resolution graphics displays for content presentation • Option to zoom video to fit the 16:9 display
Video Error Concealment	• Reduced video drop-out on busy IP networks and the Internet • Smooth, continuous video without interruptions • Maintain active face-to-face contact • Accomplish meeting objectives without worrying about the video integrity • Activates automatically, only when needed
	Content Sharing
People+Content™, H.239	• Polycom People+Content or standards based H.239 to insure interoperability • Dual images allows the far end to see the content and the speaker at the same time • Using Polycom's Visual Concert VSX, easily attach a laptop and display PC content (audio and video) during a video call • Perfect for outside speakers/visitors to easily add content to a video conference
People+Content IP	• Using a light utility on your PC, simply connect to your V500 and PC content is shown to all conference participants • This feature can be used by anyone in the conference, even remote voice-only participants!
Adjustable Bandwidth for Content	• Choose variable bandwidth allocated to People or Content • Allows setting quality preference of a 90% / 10% split between People and Content or sharing bandwidth equally between People and Content (50% / 50%) • User adjustable setting can be accessed both during a call and outside of a call

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	User Interface
Support for API Control Commands	• Custom control touch panel integration including AMX® or Crestron® is made easy with extensive support for API command set • Integrator's Reference Manual for VSX Series details over 200 commands for special applications • Sample control templates are available for touch panel integration that provides basic functionality right out of the box
Calendar & Call Scheduler	• Quick and easy access to a monthly calendar with current date and time posting • Schedule individual or repeat meetings to dial automatically • Create and save multipoint team meetings
Customizable Home Page	• Display only the necessary buttons on the Home Page • Unique design to meet your organization's needs • Simplified graphical interface for novice users • Easy to understand icon driven menu navigation decreases learning curve • Kiosk node allows you to create a look and feel that suits your application • Leads to increased use of video
Dual Monitor Emulation	• Use Dual Monitor Emulation for the most efficient use of a single display • Makes effective use of 16:9 displays • View near and far video windows at the same time • Alternate layout views supporting near end, far end and content
User Selectable Camera Icons	• Use icons that represent your industry • Intuitive icons match the input device • Custom name gives the icon clear meaning • Selection – 5 libraries to choose from • Decreases learning curve
Display Configuration Choices	• Allows you to configure displays for your application • Single or dual displays • XGA or NTSC / PAL • 4x3 or 16x9 formats • Decide what shows on each display, near end, far end, content or VCR output
	Platform Versatility
Integration with Microsoft® Live Communications Server (LCS) via SIP	• Integrates directly with Microsoft collaboration infrastructure • Registers and authenticates with Microsoft LCS 2005 • VSX users can be added to Microsoft Communicator • Presence information sent to LCS indicating video buddies' availability • You can use your Buddy list to launch calls from the VSX 6000 user interface
Multiple cameras supported	• Provides flexibility and choice • Second camera can be easily added, and selected in the user interface • Add document camera, VCR/DVD or any other second video source to bring another dimension to any video conference
Secure FTP, Telnet and Web	• VSX systems are the most secure video conferencing solutions in the industry • Now, all access to the VSX system can be secured including accessing the VSX system via web-browser as well as secure telnet and ftp access via SSH for secure system administration and application connectivity
Advanced Encryption Standard (AES)	• Communications are confidential and secure • Authentication by the National Institutes of Standards means it's credible

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	• Built-in, no extra hardware required
H.460 NAT/Firewall Traversal	• Standards compliance for traversing NATs and Firewalls • Session border controller (V2IU) is only needed at the central location and all VSX systems with H.460 can communicate through the single V2IU • Uses H.460.18 for signaling traversal and call establishment and H.460.19 for media traversal
IP (H.323, SIP or SCCP), Serial Connectivity	• H.323 and SIP are standard; choose the H.320 interface best for your application • SCCP – integration with Cisco Call Manager (in 128 MB systems) • Choose the right option for your specific network connection • Supports UPnP and NAT for automatic setup of conferences conducted through firewalls • Wide range of IP QoS services to insure call quality and integrity • Optional H.320 interface is a Quad BRI module
Multiple Use RS-232 Port	• RS-232, DB9 port • Transparent data pass-thru • Peripheral options from Polycom Custom Products
E-Mail dialing format when dialing across IP security boundaries	• Easy and intuitive E-mail video dialing • Operates with Polycom's V2IU™ Firewall Traversal Appliance • Deployable to wide range of customers, suppliers and partners
	Interoperability
Part of Polycom's Unified Collaborative Communications	• Remote management through Global Management System™ • MGC Click & View™ offers a variety of layout templates for a multi-point call right from the system's handheld remote • Extended conferencing with Polycom PathNavigator™ • Schedule, invite participants and manage conferences easily with Polycom Conference Suite • Expand meeting capabilities by adding voice-only participants using the SoundStation VTX 1000 conference phone • Use the Polycom SE200 for management, scheduling and gatekeeping
Configurable MTU packet size	• Allows administrators to set the MTU packet size, based on needs of their network • Optimizes packet size minimizing overhead and network congestion • Default setting is 1260
Standards-based	• Solid, reliable platform • Qualified by independent test labs • Interoperates with other vendor's systems • Easy to install even in a multi-vendor environment • See technical specifications for complete list of standards
FIPS 140-2 Certified	• Secure FTP, Telnet and Web • VSX and V-series systems are the most secure video conferencing solutions in the industry • Now, all access to the VSX system can be secured including accessing the VSX system via web-browser as well as secure telnet and ftp access via SSH for secure system administration and application connectivity
Baseline Mode	• Set your system to baseline mode, H.261 and G.711, for maximum interoperability with legacy video conferencing systems • Accessible via web, FTP or on-screen UI for easy access by the network administrator • Can be turned on and off as needed

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