

VidyoDesktop™

Extend personal telepresence to the desktop



VidyoDesktop™ software puts high-quality video conferencing at your fingertips. Now it's easier than ever to join or host person-to-person and multi-party video conferences from a business or home office, or while on the road. With VidyoDesktop, you can extend HD video conferencing to your Windows, Mac and Linux devices.

As an endpoint in your VidyoConferencing™ deployment, VidyoDesktop delivers transcode-free video conferencing without the delay and broken pictures associated with traditional solutions. VidyoDesktop connects with a range of other endpoints from mobile devices to room systems and legacy equipment, and integrates easily with Unified Communications apps. And Vidyo provides all this desktop functionality at a fraction of the cost of other solutions.

Key Features

Unique VidyoDesktop Benefits

- 2X Extreme Definition (XD) displays people and content on one or two 1440p monitors
- 6X HD Decoding displays up to six far-end participants, each at 720p
- Conference with 150+ participants from all types of endpoints, including room systems, desktops, laptops, tablets, and mobiles
- Multipoint Content Sharing: toggle to switch between shares from multiple participants
- Dial directly for point-to-point calls or host dozens of participants from mobile, desktop and room-based endpoints
- Adaptive Video Layering™ dynamically optimizes video streams to capabilities of each endpoint device and network conditions

Incredible User Experience

- Ultra-low latency for natural communication
- Single-click conference initiation
- Display up to 8 participants in continuous presence, ideal for team discussions
- Local layout controls let participants switch between active speaker, continuous presence and content sharing layouts
- Guest links and PIN codes make it easy to conduct and secure B2B conferences
- Share any app or desktop into a conference for efficient real-time collaboration

Performance Highlights

- Transforms Windows, Mac and Linux PCs into high-performance endpoints
- Far-end camera control of Vidyo and third-party room systems
- Pop out shared data to a separate window or second monitor
- Encode up to 720p30 with dynamic optimization for low-bandwidth and high-packet-loss connections
- Great performance over wireless networks and mobile hotspots extends access to remote and mobile participants

Ease of Deployment

- Designed for self-service and ad hoc multipoint collaboration
- Automatic NAT and firewall traversal
- Conference with legacy endpoints via VidyoGateway™, or through the free VidyoWay™ interconnectivity service

Lower Cost of Ownership

- Great performance on everyday IP networks
- VidyoDesktop software clients bundled with every VidyoConferencing solution
- Perpetual floating VidyoLine™ licenses maximize utilization and keep costs down

Specifications

VidyoDesktop™

VidyoDesktop™ Executive

Video		
Native Video Codec	H.264 Scalable Video Coding (SVC)	H.264 Scalable Video Coding (SVC)
Video Encoding	Up to 720p30	Up to 720p30
Video Decoding (to display multiple remote participants)	Up to 2880 x 1800; up to 60 fps	Up to 2880 x 1800; up to 60 fps
Cameras	USB webcams	USB webcams
Select/change audio and video devices on-the-fly	Yes	Yes
Far-end camera control	Yes (Windows and Mac only)	Yes (Windows and Mac only)
# of participants displayed simultaneously	8, plus self-view	8, plus self-view
4x 720p and 6x 720p layout options	Yes	Yes
Dual monitor support	Yes, people and content	Yes, people and content
Audio		
Codec	SPEEX Wideband Audio, up to 32 Khz sampling rate	SPEEX Wideband Audio, up to 32 Khz sampling rate
Automatic Echo Cancellation	Yes; bypassed for devices with built-in echo cancellation	Yes; bypassed for devices with built-in echo cancellation
Select, change & mute devices on-the-fly	Yes	Yes
DTMF signaling for calls to legacy and voice-only endpoints	Yes	Yes
Content Sharing		
Share any application or connected monitor	Yes, multiple concurrent participants	Yes, multiple concurrent participants
Toggle between multiple concurrent content shares	Yes	Yes
Pop out shared content to a new window / second monitor	Yes	Yes
H.239 data sharing with legacy endpoints via VidyoGateway or the VidyoWay service	Yes	Yes
Management		
User accounts established at the VidyoPortal™	Yes	Yes
Global Directory, personal speed-dial list	Yes	Yes
Presence indication in directory	Yes	Yes
Participant name and call statistics display options	Yes	Yes
Client software download	From web or VidyoPortal	From web or VidyoPortal
Languages	English, Chinese (Simplified), Chinese (Traditional), Finnish, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Thai, Turkish	
Licensing	VidyoLine: When connected in conference, consumes a shared concurrent use license	Dedicated: Connections with Executive client licenses do not consume VidyoLines
Security		
Automatic firewall traversal	Yes	Yes
STUN and ICE protocols for NAT traversal	Yes	Yes
SSL and AES-128 bit encryption (with 3rd party certificate)	Yes	Yes
System Requirements		
Supported OS	Windows: 8, 7, Vista, XP; Mac: OS X 10.6 or higher; Linux: Ubuntu 10.04, 10.1, 11.10; Debian 5.0, 6.0.3; Fedora Core 14, 15, 16; and SLC 5, 5.7 <i>For the latest list of supported systems, see www.vidyo.com/products/vidyodesktop</i>	
Minimum Configuration	Windows XP; Pentium 4; 1 GB RAM; 40 MB free disk space	
Recommended Configuration	Minimum: Core 2 Duo 2GHz; 2 GB RAM; 40 MB free disk space Recommended: Graphics capabilities that support HD resolutions on one or more displays	
Devices & Accessories		
	<i>For preferred devices and new recommendations, see www.vidyo.com/support/peripherals/#vidyodesktop</i>	
Webcams	Supported: Standard integrated webcams Preferred: External USB webcams that support 720p30 and higher	
Microphones and Speakers	Supported: Integrated system microphones and speakers, webcam microphones Preferred: Headsets and speakerphones with integrated echo cancellation	



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