



VidyoDesktop™

Bring Quality Collaboration to Any Desktop



The VidyoDesktop™ app high-quality video conferencing to Windows, Mac, and Linux computers so that everyone can participate at the office, from home, or on the road. VidyoDesktop VE (virtual edition) extends high quality conferencing and collaboration to virtual desktop and thin client environments. VidyoDesktop offers both registered users and guests supreme ease of use with click-to-connect links. With encoding up to 1080p30 on capable platforms, VidyoDesktop transmits high-fidelity video that rivals appliance-based systems, even when displayed on conference room screens. And thanks to Vidyo's exclusive dynamic adaptation technologies, VidyoDesktop sustains a quality experience despite the variable bandwidth and packet loss typical of public Internet and wireless network connections.

Key Features

Version 3

VidyoDesktop Highlights

- Adaptive and preferred encoding modes up to 1080p30 for optimal quality and efficiency
- Receive up to Ultra HD 4K resolution for superb clarity and quality
- Multipoint Content Sharing: toggle to switch between shares from multiple participants
- In-conference group and private text chat
- Supported in Windows, Mac, Linux and select virtual desktop environments

Exclusive Vidyo Technology

- Connects through VidyoRouter™ for multipoint performance with imperceptible latency
- Advanced SVC (UCIF Mode 2s) delivers unmatched quality, reliability, and efficiency
- Patented dynamic adaptation technologies continuously optimize media streams for unmatched fidelity over variable networks and devices

Incredible User Experience

- Simple click-to-connect access for registered and guest users
- Share any app or desktop (even while others are sharing)
- Individual layout control with up to 8 participants in continuous presence or active speaker layouts
- Utilize action packed participant list to add participants on-the-fly, start a chat or control remote user PTZ cameras
- Display shared content in-window, or pop out for resizing or second display viewing
- Wireless content sharing mode to complement VidyoRoom systems (requires WiFi enabled laptop)

Easy to Own and Secure

- Designed for self-service collaboration
- Automatic NAT and firewall traversal
- Guest links, PIN codes and optional encryption make it easy to conduct and secure B2B conferences
- Perpetual floating VidyoLine™ licenses maximize utilization and keep costs down

Specifications

VidyoDesktop™

VidyoDesktop™ VE

Video		
Native Video Codec	H.264 SVC (UCIF Mode 2s)	H.264 SVC (UCIF Mode 2s)
Video Encoding	Up to 1080p30	Up to 1080p30 for full compute platform such as an Intel i7. Performance on thin client based upon hardware characteristics
Video Decoding	Up to UHD 4K (3840x2160); up to 60 fps	Up to 1440p60 on full compute platform such as an Intel i7. Performance on thin client based upon hardware characteristics
Cameras	USB webcams and USB PTZ cameras	USB webcams and USB PTZ cameras
Select/change and control video devices on-the-fly	Yes	Yes
Far-end camera control of remote cameras	Yes (Windows and Mac only)	Yes
# of participants displayed simultaneously	8, plus self-view	Up to 8. Actual number of participants rendered dependent upon hardware capability
Displays multiple participant streams at up to 1080p each	Yes, in a conferencing workspace up to 3840x2160	Yes, dependent upon hardware platform
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 Suppression (AES)	Yes; bypassed for devices with built-in AES	Yes; bypassed for devices with built-in AES
Select, change & control audio devices on-the-fly	Yes	Yes
DTMF signaling for calls to legacy and voice-only endpoints	Yes	Yes
Collaboration		
Private and group text chat	Yes	Yes
Share any application or connected display	Yes, multiple concurrent participants	Yes, for XenApp environments XenDesktop supports sharing of virtual desktop window only
Toggle between multiple concurrent content shares	Yes	Yes
Pop out shared content to a separate window	Yes	N/A
Software content share compliment for VidyoRoom		
H.239 data sharing with legacy endpoints via VidyoGateway or the free VidyoWay interconnectivity service	Yes	Yes
FECC of remote PTZ cameras	Yes, from participant list	No
Management		
User accounts established at the VidyoPortal™ or Active Directory	Yes	Yes
Global Directory with presence and personal speed-dial	Yes	Yes
Participant name and call statistics display options	Yes	Yes
Client software distribution	From web, VidyoPortal or pushed as msi package	Installed by administrator
Language support	English, Chinese (Simplified), Chinese (Traditional), Finnish, French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Thai, Turkish	
Executive license support	Yes, enables an executive licensed user to connect without a VidyoLine license from VidyoPortal	Yes, enables an executive licensed user to connect without a VidyoLine license from VidyoPortal
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, with optional secure conferencing license at VidyoPortal	Yes, with optional secure conferencing license at VidyoPortal
System Requirements		
Supported OS	Windows: 8.1, 8, 7, XP; Mac: OS X 10.6 or higher; Linux: Debian 7.0; Fedora Core 18, 19, 20; openSUSE 12.2, 12.3; Red Hat 7, 6.1, 6.3; Scientific Linux (SL) 6.1, 6.3; Ubuntu 12.04, 12.10, 13.04, 13.10, 14.04	Windows 7 Thin PC or later
Supported Virtual Desktop environments	N/A	Citrix XenApp® version 6.5 or later, Citrix XenDesktop® version 7.1 or later
Minimum System Requirements	System: Core 2 Duo 2GHz; 2 GB RAM; 40 MB free disk space For HD: Graphics capabilities that support HD resolutions on one or more displays	Thin Client Hardware Requirements: AMD or Intel Dual-Core processor at 1.6GHz with 2 GB RAM or better Citrix® Receiver Requirements: version 3.0.0 or later
Devices & Accessories		
	<i>For details, see www.vidyo.com/services-support/technical-support/peripherals</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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