

VidyoDesktop™



VidyoDesktop software turns any Windows or Macintosh computer into an HD VidyoConferencing™ system. From all-in-one touch screens for executive desktop applications, to laptops and netbooks for mobile applications, VidyoDesktop takes full advantage of Vidyo's patented technology, yielding imperceptible latency and high network error resiliency to deliver point to point and multi-point telepresence experiences anywhere the Internet reaches. With the VidyoDesktop, users can individually control the dynamics of their audio and visual experience during the conference. A user may choose from multiple layout options separately from any other user in the same conference. The VidyoDesktop provides features such as application-sharing and "preferred, voice-activated speaker" window, plus a variety of camera and audio controls.

VidyoDesktop Benefits:

- Transforms any PC into a high performance telepresence endpoint – no special hardware
- Supported on Windows and Macintosh
- Integrates with VidyoRoom, H.323 & SIP endpoints
- Simple to use with intuitive graphical user interface and automatic software installation & updates
- Built-in NAT & firewall traversal

VidyoDesktop is easy to use and manage via the VidyoPortal™, integrates seamlessly with all VidyoRoom™ products, and integrates with legacy H.323 and SIP endpoints via the VidyoGateway™. All registered users are assigned a personal Meeting Room that can be PIN-protected, thus making it possible for meetings to be held anytime — whether impromptu or by prior arrangement. Finally, the same reservation-less conferencing capabilities are available for video that have long been available for voice and the Web!

Features and Functionalities:

User Interface

- Intuitive graphical user interface for touch screen or mouse control
- Control personal screen layouts, orientation and size
 - Real full-screen support
 - Lock tool bar while in full screen mode (Windows)
 - Extended Toolbar menu options (Mac)
 - Control number of viewable participants
 - Toggle between all participants equal and preferred larger voice-activated speaker (N+1 layout where N=up to 8 participants + 1 self view)
 - View other user's shared application – integrated in the video screen (docked) or on a separate window (undocked)
 - Toggle among different shared applications
 - Toggle among Picture-in-picture, full size and no self-view
 - Picture-in-picture self-view mode is the default when entering into a conference call
 - Option to start call in full screen mode¹
- Extended System Tray menu options¹
 - User can Login to another portal
 - Sign-in to New Portal feature allows users to easily switch between VidyoPortal clients
 - User can Logout of portal





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- Vidyo's Software Update notification appears when Logging into the portal
 - User can Update Now or Later
- Privacy mode – user can “mute” transmission of video and/or audio
- Dial pad for DTMF signaling (to support calls to legacy and voice endpoints)
- Icon indication for secured calls
- Multilingual support for Mac and Windows – English, Finnish, French, German, Italian, Japanese, Korean, Polish, Portuguese, Simplified Chinese, Spanish (defined by Vidyo Portal but settable from VidyoDesktop)

Video Features

- Supports H.264 SVC
- Encodes up to HD 720p30 and decodes up to HD 1080p30 on Intel-based computers
- Automatic Adaptation to network conditions and CPU utilization
- Supports off-the-shelf webcams
- Select and change video devices on the fly
- Far end camera control (Windows only) allows a desktop participant to Pan/Tilt/Zoom a camera in a remote VidyoRoom

Audio Features

- Built-in Acoustic Echo Cancellation (AEC)
 - Set to off by default for recommended devices as these devices have their own AEC
- 16KHz audio
- Supports off-the-shelf USB audio devices
- Select and change audio devices on the fly
- Microphone gain automatically resets to 25% when a new device is selected³
 - Microphone Automatic Gain Control can be turned on or off within VidyoDesktop
- Microphone Gain/Speaker Volume indicator reflects the loudness or softness of a device
- DTMF signaling for calls to legacy and voice-only endpoints²

Data Sharing

- Every VidyoDesktop and VidyoRoom client can share an application window simultaneously
- Each VidyoDesktop and VidyoRoom client can choose which share to view dynamically
- Full desktop sharing on Windows based platforms
- VidyoDesktop media player lets users stream video clips from their desktop during a Vidyo call (Windows only)
- Data share undock-able into separate window for dual monitor support and desktop space management
- H.239 data sharing with legacy H.323 endpoints supported (via VidyoGateway)

Maintenance

- Client software available as stand-alone installation file

NAT & Firewall Traversal

- Automatic Firewall Traversal Mode
- Web Proxy support



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VidyoDesktop Specifications:

SUPPORTED OS

Windows PC

- Windows XP
- Windows Vista
- Windows 7

Macintosh

- Mac OS X “Leopard” 10.5 or higher

Linux 9.1 and 10.4 (BETA)

MINIMUM CONFIGURATION (ENCODES CIF AND DECODES UP TO SD)

Windows PC

- Windows XP
- Pentium 4
- 1Gb RAM
- 40 Mb free space on HDD

Macintosh

- Mac with Intel Processor
- Mac OS X ‘Leopard’ 10.5 or higher
- 2GB RAM
- 30MB hard drive space
- Latest Firefox/Safari and Apple software updates
- VidyoPortal version 1.3.0.21 or later

RECOMMENDED CONFIGURATION (ENCODES SD AND DECODES UP TO HD)

Windows PC

- Core 2 Duo 2GHz
- 2Gb RAM
- 40 Mb free space on HDD

Macintosh

- Mac with Intel Processor
- Mac OS X ‘Leopard’ 10.5 or higher
- 2GB RAM
- 30MB hard drive space
- Latest Firefox/Safari and Apple software updates
- VidyoPortal version 1.3.0.21 or later

RECOMMENDED WEBCAMS:

Windows PC

- Logitech WebCam® Pro 9000,
- Microsoft Lifecam

Macintosh

- Internal iSight
- Logitech Vision Pro (recommended for best experience)

RECOMMENDED USB HEADSET OR ECHO-CANCELLING SPEAKERPHONES:

Windows PC & Macintosh

- Logitech USB ClearChat Headset Series
- Plantronics USB Headsets
- ClearOne Chat-50 or Chat-150 speakerphone
- Phoenix Duet or solo speakerphone

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