



VidyoMobile

For the first time, multipoint video conferencing is as universally accessible as voice communication. VidyoMobile™ software turns any iOS or Android smartphone or tablet device into a high performance VidyoConferencingSM system. VidyoMobile takes full advantage of Vidyo's patented Adaptive Video Layering (AVL) technology, yielding natural, low-latency, high quality multipoint or point to point telepresence experiences anywhere that the WiFi, 3G or 4G network reaches. AVL technology also delivers native rate and resolution matching, optimizing performance on a per endpoint basis so that your VidyoMobile users can connect seamlessly with VidyoDesktop, VidyoRoom and VidyoGateway connected H.323 and SIP based endpoints, irrespective of the capability of any other device in the conference. Leveraging the Scalable Video Coding tool set and AVL technology, Vidyo delivers the most robust network error resiliency in the industry, making it an ideal solution for harsh wireless data network environments.

The VidyoMobile app is simple to install and use, with all pre and in-call controls handled from the same application and user interface. VidyoMobile users have full control over their layout and can choose which participants they want to view, dynamically change between portrait and landscape orientations as well as preferred speaker and continuous presence modes. Since multiple participants can share data into the conference at the same time, VidyoMobile offers a content dock where shared data may be previewed and selected or returned to the dock and hidden off screen, all at the user's touch.

VidyoMobile Benefits:

- Transforms everyday mobile devices into high performance telepresence endpoints
- Supported on Android and iOS
- Works over WiFi, 3G and 4G wireless networks
- Integrates with VidyoRoom, VidyoDesktop and H.323 & SIP endpoints
- Simple to install and use with intuitive graphical user interface
- Built-in NAT & firewall traversal

Features and Functionalities:

User Interface

- Intuitive user interface designed for smartphone and tablet sized touch screens

In-conference

- Full control over video layout
 - Dynamic Continuous Presence or Active Speaker switching
 - Dynamic portrait or landscape orientation switching
 - Participant "pinning" and "docking" to control which participants are on screen
 - On-demand participant dock for thumbnail browsing and selection of participants to be displayed
 - On-demand content dock for thumbnail browsing and selection of shared content to be displayed
- Supports device's native gesture controls such as "pinch" for zoom and "swipe" to pan
- Participant and content docks are badged with the number of participants/content in each dock
- Self-view mode controlled same way as other participant videos
- On-screen participant name presentation





VidyoMobile takes full advantage of Adaptive Video Layering technology to seamlessly integrate with desktop and room system endpoints for low latency, high quality video experiences that are optimized for each participant in the conference

Pre-conference

- User detail view provides user status and email address
- Room detail view provides room occupancy status, lock status, and PIN status
- Users can lock/unlock their room and set/clear room PIN
- Add/remove users from personal contact list

Video Features

- Multipoint conferencing with data share viewing
- Point-to-point calling with data share viewing
- Dynamic adaptation to changes in network and CPU conditions via Adaptive Video Layering
- H.264 Scalable Video Coding (SVC)
- Decode up to HD 720p and encodes up to VGA (device dependent)
- Switching between front and rear facing cameras (may not be supported on all devices)
- Privacy mode (muting local video capture)

Audio Features

- Supports multipoint and point-to-point conferencing
- Leverages built-in microphone and speakers with device's acoustic echo cancellation
- 16KHz audio
- Independent microphone and speaker muting controls

Content Sharing

- Content share dock for management of multiple participant content sharing
- Content share viewing with panning and zoom-in/zoom-out support
- Content viewed as large screen overlay, in Preferred Speaker window or as part of continuous presence layout
- H.239 content sharing from legacy H.323 endpoints supported (via VidyoGateway)

Management

- Client accessible via the web and downloaded from central location
- User accounts established at the VidyoPortal
- Can use same login credentials on VidyoMobile as VidyoDesktop
- Users manage contact lists locally
- Full access to VidyoPortal directory for name based look up
- Presence indication for users in database
- On-screen frame rate and resolution call statistics available per participant
- Manage device's mic and speakers in pre-call interface
- Call detail records generated at the VidyoPortal

Security

- Compatible with VidyoRouter Cloud Edition for native firewall traversal
- STUN and ICE protocols supported for NAT traversal
- Support for SSL and AES-128 bit encryption (requires 3rd party certificate)

VidyoMobile Specifications:

SUPPORTED OPERATING SYSTEMS

Android
iOS

RECOMMENDED CONFIGURATION

Android v3.0 OR iOS v4.x
ARM Cortex A9 1Ghz dual-core Processor
512 MB RAM

RECOMMENDED ANDROID DEVICES

Motorola Xoom
Motorola Atrix

RECOMMENDED IOS DEVICES

iPhone4
iPad2

VidyoMobile makes
telepresence universally
accessible with support
for devices people already
own and carry over every
day WiFi, 3G and 4G
wireless networks





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