Vidyo*Cloud*™

Rapidly deploy video collaboration without sacrificing quality

Business Challenge

Cloud videoconferencing is one of the fastest-growing cloud UC applications. As an IT manager, you may be looking to the cloud to rapidly deploy video collaboration. But until now, you had to accept the status quo of mediocre quality as the trade-off for the flexibility, scale, and affordability that cloud delivery provides.

**VidyoCloud is changing the status quo.
Quality matters.**

Solution Overview

For organizations that need high quality video conferencing and want to avoid burdening their IT staff and resources, VidyoCloud™ is a hosted video collaboration solution with a global footprint that provides the highest quality available in any network environment. And for large, geographically dispersed organizations, VidyoCloud's numerous points of presence around the world provide the best performance for your remote users across distance and time zones.

In fact, VidyoCloud delivers industry-leading performance at the extreme ends of the quality spectrum. In network challenged environments, like mobile and wireless, VidyoCloud offers unsurpassed error resiliency, and can even adapt to 20% packet loss – more than double the industry average. In robust network environments that leverage 4k and 5k displays, VidyoCloud delivers the most stunning quality imaginable, up to 16x better than the status quo 720p.

Additionally, for organizations with large corporate offices, VidyoCloud goes a step further: superior hybrid support can mitigate bandwidth utilization where there are large concentrations of users. VidyoCloud's infrastructure uniquely supports VidyoRouter cascading, which provides immediate, continuous adaptive, bandwidth optimization, and supports mixed-mode cloud & on-premises. This helps you save on expensive WAN bandwidth.

IT Benefits

- Easily deploy, scale and support
- Reduce capital costs to support endpoint growth in small rooms, desktops, and mobile devices
- Meet enterprise security standards with TLS, SRTP, H.235, and AES 128-bit encryption
- Support interoperability with third-party H.323 and SIP based systems , and Microsoft Skype for Business
- Enable external participants to participate in video meetings
- Count on superior performance over the public Internet and wireless with patented dynamic adaptation technology

End-User Benefits

- Click-to-connect simplicity plus built-in calendaring support
- Experience up to 4K quality video and shared content
- Connect from virtually any desktop or mobile device
- Dial-in support for voice only callers
- Host multiparty conferences or call participants directly for ad hoc sessions
- Pop out content sharing into a separate window or display
- Allow Microsoft Skype for Business users to easily join VidyoCloud meetings, and support bi-directional content sharing

Specifications

	VidyoCloud™
Guest Participant Support	Yes
User Directory	Yes
Presence	Yes
Personalized Domain	Yes
Conference Moderation	Yes
Hybrid On-premise support	Yes
Recording	Optional. Cloud-based storage and ability to download files.
Calendering	Outlook, Google Calendar, .vcs file
Call Type	Direct and multipoint calls support
Video	
Desktop	H.264 UCIF Mode 2s up to 1080p transmit / 4k receive
Mobile	H.264 UCIF Mode 2s up to 540p transmit / 720 receive
Browser	**Plugin:** H.264 UCIF Mode 2s up to 720p transmit / 2880 x 1880 receive
	WebRTC: VP8 up to 1080p transmit / 1080p receive
Room Systems	**VidyoRoom:** H.264 UCIF Mode 2s up to 1080p transmit / 4k receive
	H.323 / SIP: H.264 AVC up to 720p, H.263 up to CIF
Audio	
Vidyo endpoints	SPEEX Wideband Audio, up to 32 Khz sampling rate
WebRTC	OPUS
H.323 / SIP	G.711, G.722
PSTN	G.711
Content Sharing	
Vidyo endpoints	H.264 UCIF Mode 2s up to 4k
WebRTC	VP8 up to 1080p
Microsoft Skype for Business	Bidirectional content sharing via RDP
H.323 / SIP	H.264 AVC up to 720p
Security	
Vidyo endpoints	AES-128 SRTP, TLS
WebRTC	AES-128 SRTP, TLS
H.323 / SIP	AES-128 SRTP, TLS, H.235
NAT/Firewall Traversal	ICE, TURN, STUN, RTP-over-TCP
Web Proxy Support	Vidyo endpoints, Web RTC
Supported Endpoints	
VidyoDesktop	Windows, Mac, Linux
Vidyo Neo	Windows, Mac
VidyoMobile	iOS, Android
VidyoWeb	**Plug-in:** Windows, Mac **WebRTC:** Chrome, Firefox
VidyoRoom	HD-40, HD-100 RevD, HD-230, HD-3
Third Party	H.323, SIP, Microsoft Skype for Business 2015 for desktop, mobile (Office 365 and on-premises), Microsoft Lync 2013, 2010
PSTN	750 mins per month, 10 concurrent callers, 1 dial-in number in over 45 countries *(additional minutes, capacity, and dial-in numbers available as add-on)*

Get a 21 day free trial at **https://vidyo.com/ft**

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