

Video Conferencing
& Team Collaboration
Solutions Portfolio

TrueConf





Video Collaboration Without Limits

TrueConf connects meeting rooms, workspaces, and mobile devices with Ultra HD video conferencing, powerful team messaging and collaboration capabilities.



TrueConf is a leading European developer of the security-focused video communication software and hardware solutions designed to supercharge remote workflows and keep users' privacy safe. The company has been repeatedly recognized by the world-renowned analytical agencies, such as Gartner, IDC and Frost & Sullivan.



Superior Court of California



Royal Canadian Mounted Police



Ministry of National Defence, Portugal



Université Paris Nanterre



Central Bank of Brazil





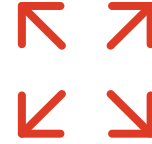
Key Advantages

Affordable Infrastructure



The scalable video coding approach eliminates the need for transcoding multipoint conferences, which significantly reduces infrastructure costs.

Scalability



TrueConf Server makes it possible to hold hundreds of video conferences with thousands of users on a regular PC. Server instances can be federated to scale infinitely.

Ultra HD Video



Enjoy the benefits of your 4K screen in the meeting room during video calls and group conferences and create telepresence experience.

Up to 1,000 Participants



With TrueConf, it's easy to host large-scale virtual events for a multi-hundred audience.

Secure Communications



TrueConf Server operates autonomously within the company's network, providing complete control over your personal information. All communications are also encrypted using AES.

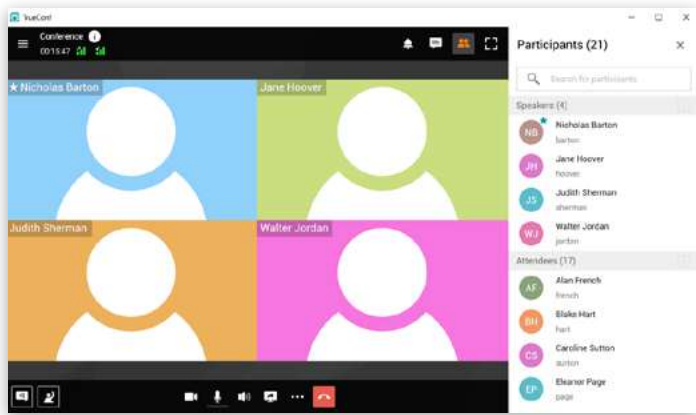
Transparent Pricing



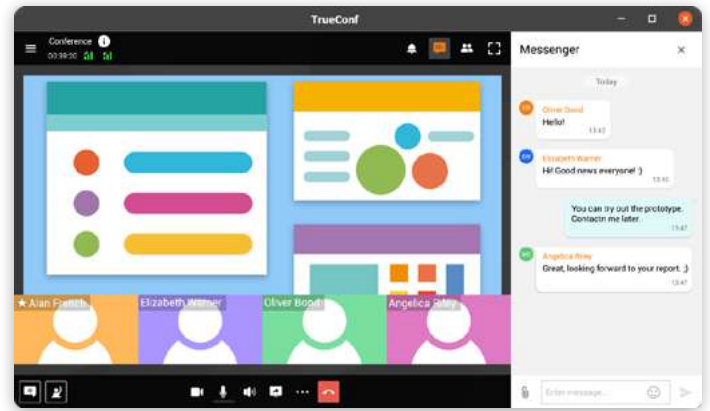
Competitive licensing allows you to connect all corporate users and not overpay for the time they're offline. Client applications for all major platforms are free.



Easy-to-Use Client Applications



For Windows and macOS



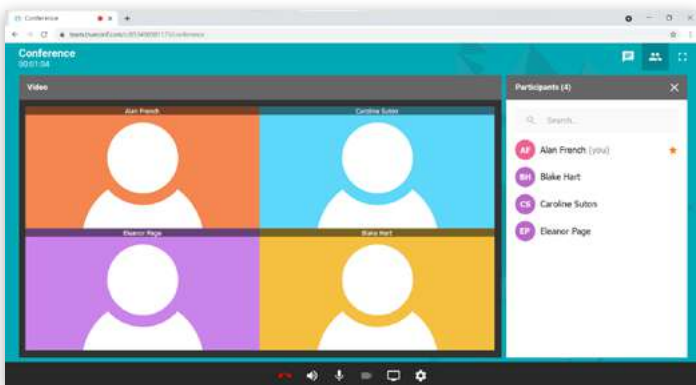
For Linux



For Android



For iOS and watchOS



For browsers



For meeting rooms



Unified Communications



Address Book

Development department (5/7) ▼

- Ariana Wallace
wallace
- Ilan Taylor
taylor

With TrueConf, you can create user groups and easily navigate through the company's departments, while user profiles contain contact information and company details.



Stay in Touch



Presence statuses allow you to instantly view your colleagues' availability and check the devices they are connected from.



Smart Video Layouts



Meeting participants can customize video layout the way they prefer: drag and drop video windows across one or multiple screens, enlarge active speakers automatically or manually, and much more.



Advanced Meeting Controls

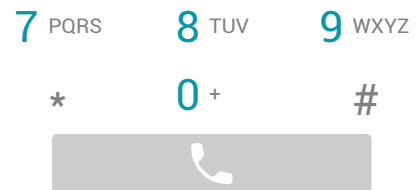
Attendees (2) ⋮

- Alan French
french
- Caroline Su
sutton

Manage participants' AV devices, assign roles to meeting attendees, change video layouts, and control the ongoing event progress on the fly or in real-time meeting manager remotely.



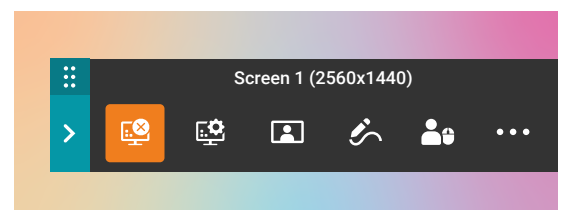
Telephony



You can connect your VoIP service provider or PBX to TrueConf Server and use the dialpad in client apps to access telephony.



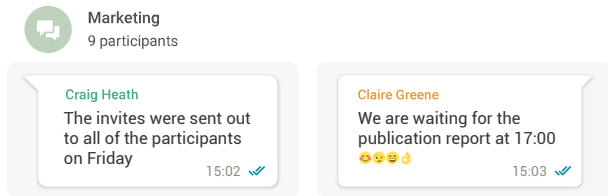
Collaboration & Remote Control



Show slides, share your screen or separate application windows, or take control of the shared screen to provide remote support.

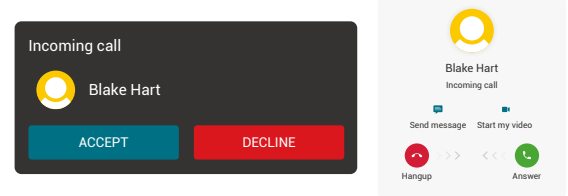
Team Messaging

Persistent Personal & Group Chats



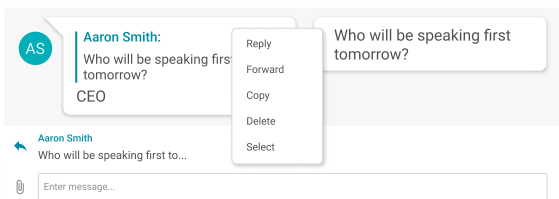
TrueConf team messenger allows you to communicate asynchronously and collaborate with colleagues in the most productive way.

Sign in on Multiple Devices



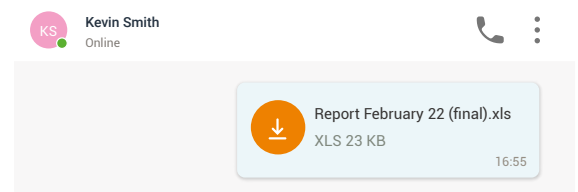
Stay connected on multiple devices simultaneously — make video calls, exchange messages, and collaborate remotely from any convenient location.

Advanced Messaging Capabilities



With TrueConf, you can edit, forward, and reply to messages, delete messages locally and globally for all chat members, and much more.

File Sharing



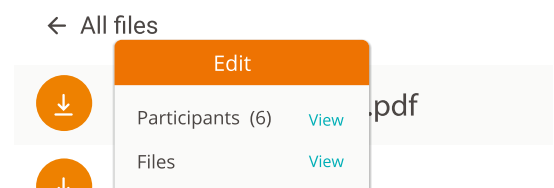
Share links, images, and files with colleagues, or use emoji for more personalized communication.

Message Status Tracking



Special statuses let you see if your message has been delivered and read.

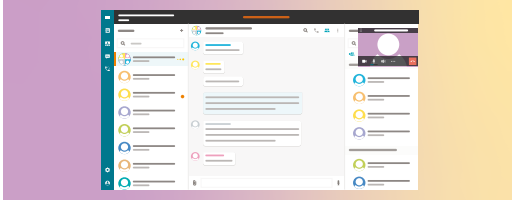
Secure Data Storage



All private chats and media files are securely encrypted and stored locally within your corporate network.

Efficient Remote Teamwork

Fresh and Intuitive UI



Adaptive user-centric interface and improved navigation: all important tools are clearly visible and can be accessed instantly.

Conference Scheduler

DATE AND TIME

Without schedule (virtual room)

Scheduled (meeting)

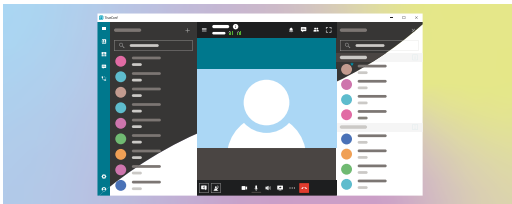
Start time: Duration: Time zone:

Weekly recurring meeting

MON	TUE	WED	THU	FRI	SAT	SUN
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Set date and time, duration and recurrence for the scheduled conferences.

Themes and Personalization



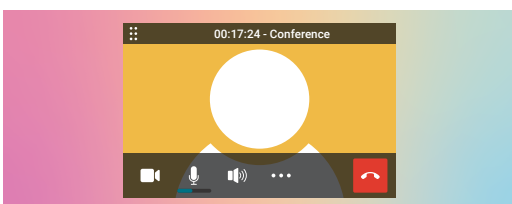
Choose between light or dark app themes, set your preferred video layout background or frame colors.

Privacy Features



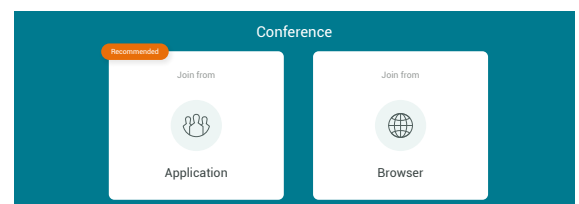
AI-powered virtual background and background blurring.

Compact Mode



Mini widget for quick conference control when the application is minimized.

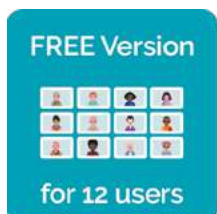
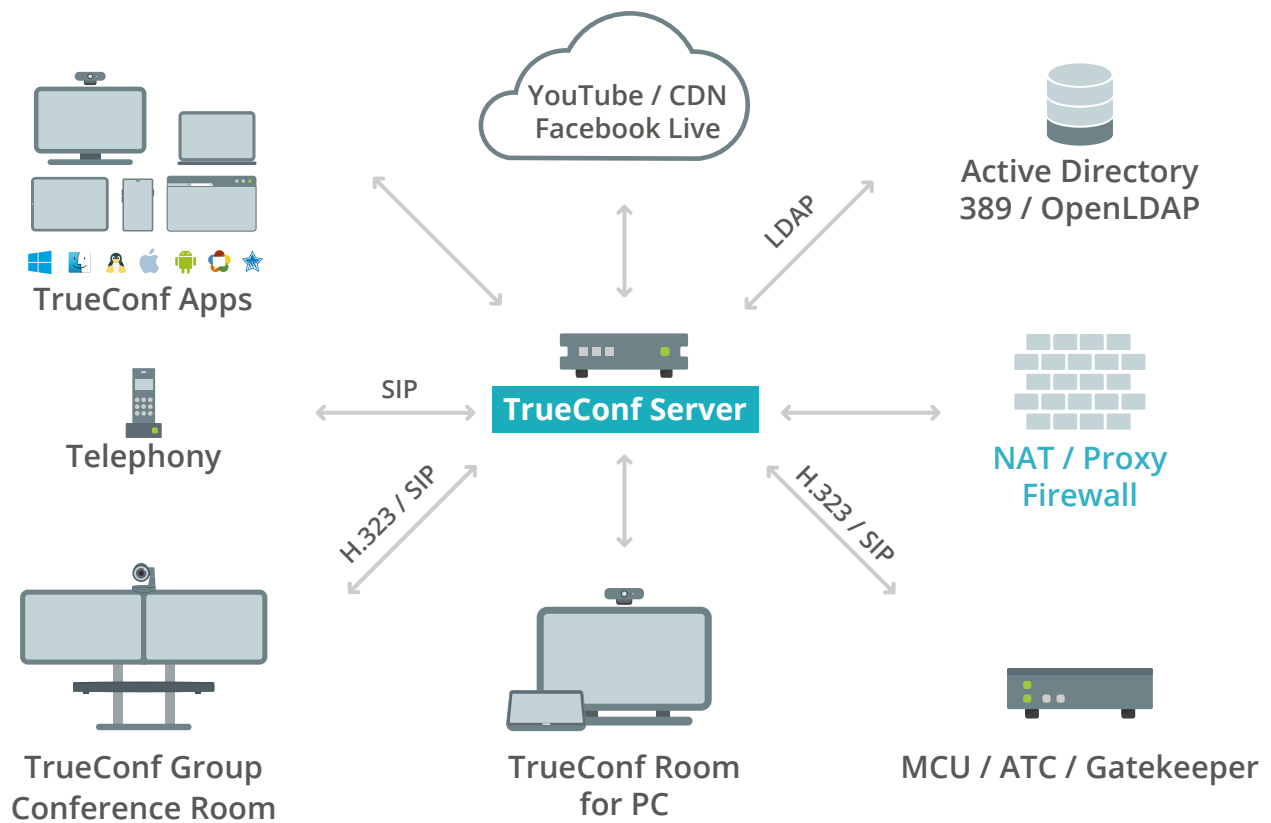
Join Meetings via a Link



Join conferences in your browser from desktops or mobiles – no downloads or plugins required.

On-Premises TrueConf Server

TrueConf Server is a secure platform for 4K video conferencing and team collaboration. This pure software solution is based on state-of-the-art technology with infinite scalability and interoperability possibilities.



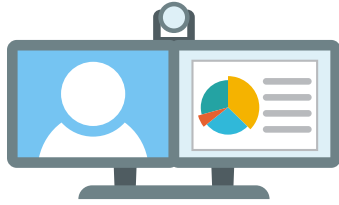
- Up to 49 on-screen participants
- Up to 1,000 users per conference
- Up to 10,000 accounts per server
- Built-in H.323/SIP gateway
- Recording and streaming support
- UltraHD calls and conference
- Active Directory & LDAP integration
- Built-in web conferencing platform
- Runs on Windows, Linux, virtual machines and in a Docker container

trueconf.com/go/tcs



Out-of-the-box Interoperability

Standards-Friendly



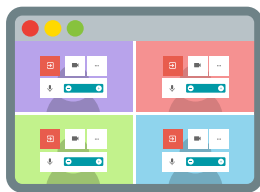
The built-in gateway provides complete integration with third-party endpoints, MCUs and gatekeepers via SIP, BFCP, H.323, H.239, FECC, and other protocols

Active Directory



Connect Active Directory or any other LDAP compatible catalog to TrueConf Server. All user info and user groups will synchronize automatically.

Remote Management



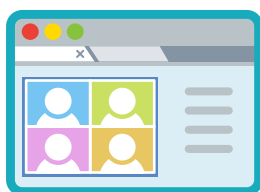
Allows administrators to manage and troubleshoot conferences in real time: assign roles, create custom layouts, change active mics and cameras, invite missing users, etc.

Personal Area for Users



Dramatically saves time for system administrators by helping users to do typical tasks such as conference scheduling and address book management.

Web Conferences



Native WebRTC support and great UI help users host web conferences efficiently. We also take care of mobile users and browsers which don't support new standards.

Web Meeting Connector



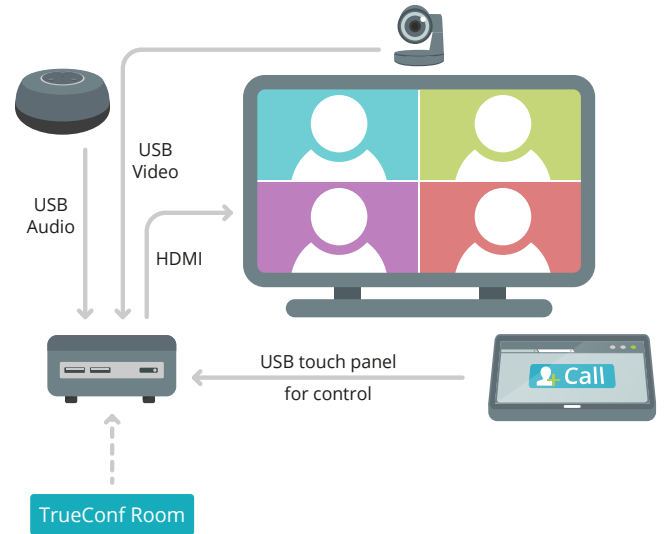
TrueConf lets you join any meeting held on third-party video conferencing platforms such as Zoom®, Cisco Webex®, BlueJeans® Meetings, Lifesize® Cloud or GoToMeeting®.



TrueConf Room

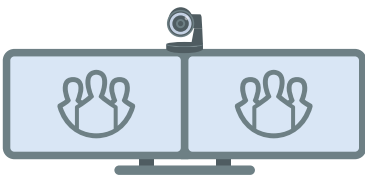
Better Room Experience

Create collaborative meeting space with flawless video and audio using TrueConf Room! It is easy-to-use software for rooms that turns a regular Windows PC into a **4K video conferencing endpoint**.

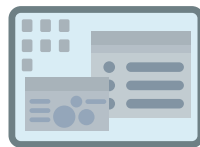


Easy to Set Up & Control

To start your meeting, install TrueConf Room on a Windows or Linux-based PC, connect a speakerphone, camera, and TV. Control TrueConf Room using USB touch panel, laptop or your smartphone.



Support for up to 4 screens



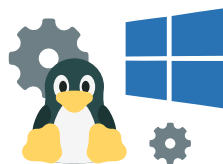
Content capture and slideshow



Works with any USB peripherals



Use your smartphone for control



For Windows and Linux



Customization and branding

trueconf.com/go/room



TrueConf Group

TrueConf Group is a video conferencing endpoint for medium to large meeting rooms. TrueConf Group features native support for SIP and H.323 protocols with the built-in MCU. Thanks to the modular approach, the endpoint can be equipped with various AV peripherals while delivering FullHD video and crystal clear audio.



Dual screen and content sharing support



Easy-to-use IR remote control

MCU

Built-in MCU for up to 8 FullHD connections



Seamless integration with existing meeting room endpoints



H.235 and SRTP encryption, DoS/DDoS protection, spam call blocking

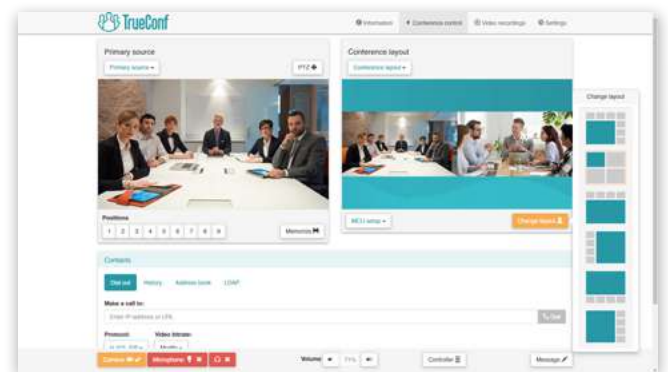


Far-end and local camera control



Quality and Reliability

TrueConf Group performs well in low bandwidth. Built-in noise reduction and echo cancellation provides high-quality audio, while H.265 video codec guarantees 4K quality using half of the bandwidth compared to traditional room systems.



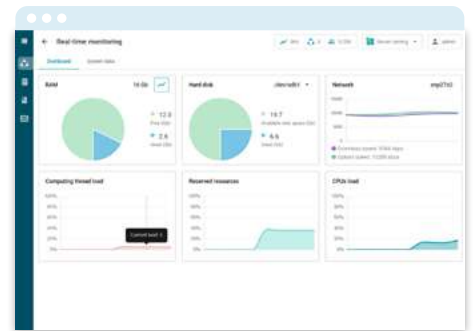
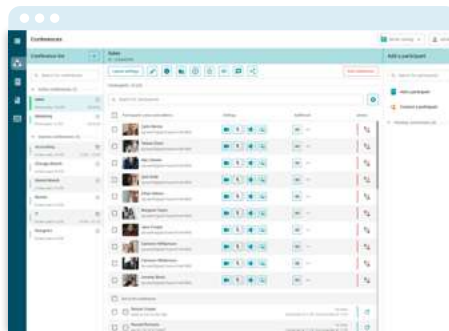
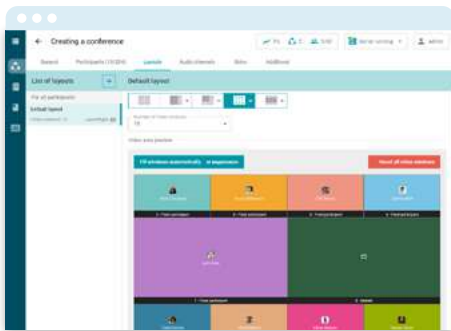
Ease of Use

TrueConf Group offers a wide range of collaboration tools for every need. Attend video meetings, share content, show slides, and control video layouts. The address book with call history will make your workflow even more efficient.

trueconf.com/go/group

TrueConf MCU

A reliable software MCU server for legacy SIP/H.323 equipment. Allows to host video conferences on dedicated or virtual Linux machine and provides scheduling, monitoring, and recording capabilities.



Up to 150 participants in a single conference and 256 in cascading mode



Any meeting scenarios thanks to powerful video and audio layout editor



Great video quality up to 4K (2160p)



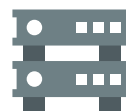
Real-time monitoring and server resource reservation



Full compatibility with most video conferencing endpoints



Supports content sharing and far-end camera control



Provides seamless integration with TrueConf Server

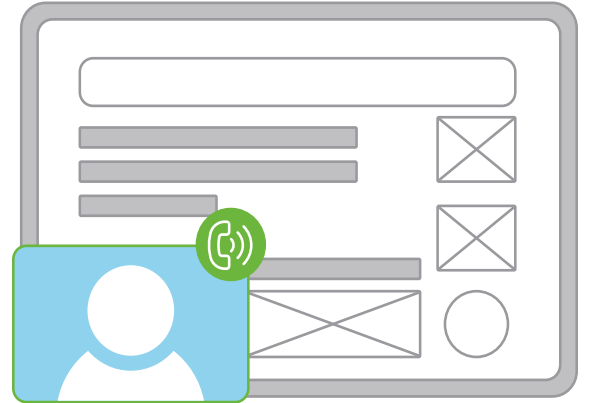


In-browser meetings thanks to WebRTC support

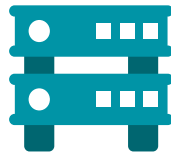
trueconf.com/go/mcu

TrueConf SDK

This library is designed for embedding video conferencing into any software for Windows. It is based on ActiveX technology and can be used in any development frameworks for this operating system, including Microsoft® Visual Studio IDE and Embarcadero® Delphi, as well as JavaScript applications for popular browsers.



Code samples at
github.com/TrueConf



Fully compatible with
TrueConf Server



Docs on
developers.trueconf.com



Web SDK



Visual Studio SDK



Delphi SDK

TrueConf Mobile SDK



- Works in the background and keeps you online
 - Libraries for Android Studio and xCode IDE's, Xamarin, React.Native and Cordova
 - Utilizes hardware encoding and saves battery
-



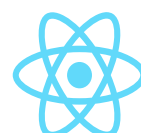
Apple XCode



Android Studio



Xamarin



React.Native



Cordova



TrueConf Enterprise

Allows customers to effectively manage and scale video conferencing infrastructure across large organizations and complex networks.

TrueConf License Manager



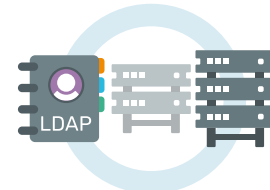
TrueConf Enterprise add-on that automatically distributes licenses between multiple servers based on the video conferencing usage and individual set of parameters for each TrueConf Server instance.

Load Balancing



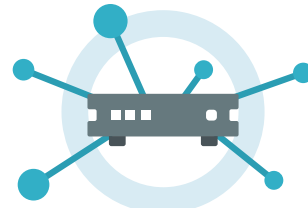
When holding geographically distributed video conferences, TrueConf Server instances exchange only the missing streams, which significantly reduces network load between branches in the enterprise network.

TrueConf Directory



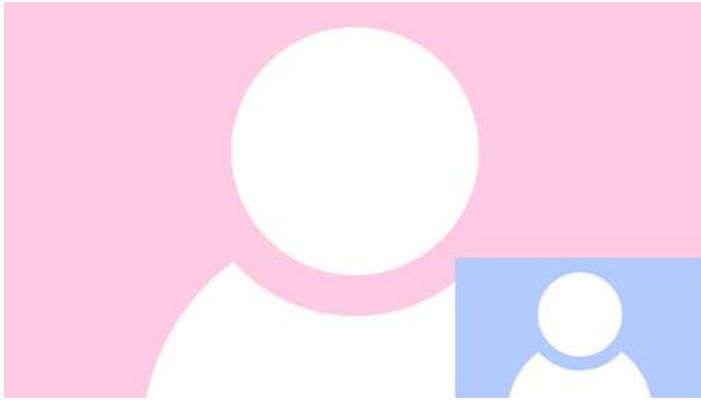
TrueConf Enterprise add-on that integrates several video conferencing servers into unified address space with global user directory.

Redundancy and Scalability



Thanks to the ability to duplicate and geographically distribute nodes, the video conferencing network is reliably available to users under any load. Supporting **millions of subscribers** doesn't require you to invest heavily in the video conferencing infrastructure.

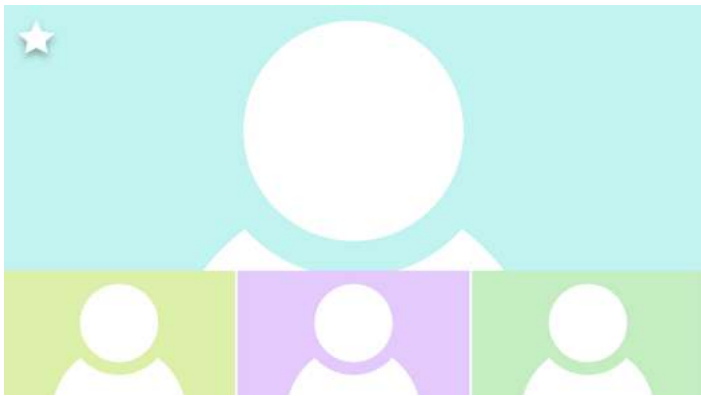
Video Conferencing Modes of TrueConf Apps



Point-to-Point Video Call

 **1-on-1**  **up to 4K**

Session between two users. They can see and hear each other, exchange messages and files, collaborate on documents, etc.



Multipoint Video Conference

 **49-on-49**  **up to 8K**

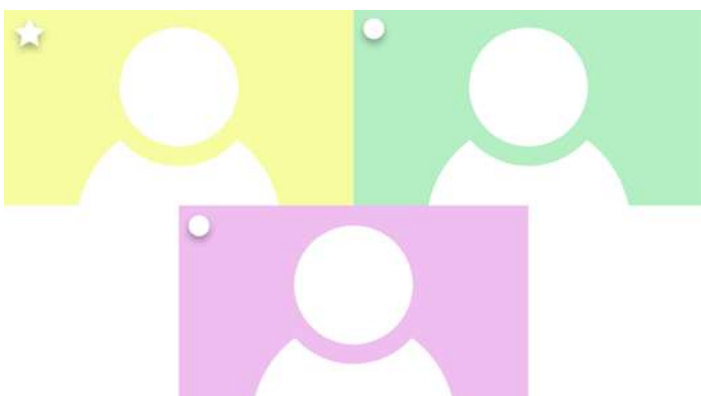
Allows to connect up to 49 participants in continuous presence mode so that all users can see and hear each other.



Video Lecture

 **1-on-36**  **up to 4K**

Designed for distance learning. Allows to connect up to 36 users in such a way that all of them can see and hear only the host while the host can interact with all participants.



Virtual Meeting

 **up to 1000**  **up to 4K**

Role-based video conferences for large audience where speakers are selected by a moderator in real time. Number of speakers varies up to 49 speakers depending of the conference size.



Technical Specifications

Applications	Available for Windows, macOS, Linux, Android, Android TV, iOS, watchOS and WebRTC.
Video Codecs	Native: VP8 SVC. Via built-in gateway: H.264 AVC, H.264 SVC, Microsoft® X-H264UC, H.263. Video streams resolution, compression ratio and frame rate are chosen dynamically and independently for every participant in a conference based on the selected layout, bandwidth, connection quality, endpoint's performance and its hardware capabilities.
Layouts	Infinite number of layouts for video and content on single or multiple screens chosen interactively by users. Moderators can lock or create custom layouts for one or multiple participants in real time.
Video Resolution	Point-to-point video call: up to 2160p (4K) at 30 fps and up to 1440p at 60 fps. Multipoint conferences: up to 1080p (FullHD) per participant and up to 4320p (8K) per layout. Via built-in H.323/SIP gateway: up to 1080p30 per layout.
Content Resolution	Desktop and separate application sharing: up to 1440p with remote control available. Slideshow up to 1920x1080 per slide.
Audio Codec	Opus Wideband HD Audio, iSAC, G7xx.
Protocols	TrueConf's proprietary TCP-based protocol, WebRTC, SIP, H.323, BFCP, H.239, RTSP, HTTP(S), FECC, H.224, H.281, Dante, NDI.
Encryption	AES-256, TLS. Via WebRTC: SRTP DTLS. Via SIP: SRTP. Via H.323: H.235 rev.3. Network. IPv4 and IPv6. NAT traversal via TURN, ICE and STUN.
Network	IPv4 and IPv6. NAT traversal via TURN, ICE and STUN.
Bandwidth Requirements	2160p30 @ 8192kbps, 1440p60 @ 4096kbps, 720p60 @ 2048kbps, 1080p30 @ 2048kbps, 720p30 @ 1024kbps, 480p30 @ 512kbps, 360p30 @ 128kbps, 180p30 @ 48kbps.
API & SSO	RESTful API for server management. Single sign-on based on Kerberos, NTLM, or OAuth 2.0.
Supported Hypervisors	Microsoft® Hyper-V, Xen, KVM, Oracle® VM VirtualBox, VMware® Workstation and ESXi. The distribution is also available as a Docker container (hub.docker.com/u/trueconf).
Cloud Support	Hybrid scenarios using federation between on-premises and cloud-based TrueConf Server instances.
System Requirements	For TrueConf Server: Debian-based Linux distros or Microsoft® Windows Server 2012 or newer, Intel® Core i5-8700, Xeon® E3-1220 or better with PassMark score higher than 7000, 16GB of RAM, 20GB on HDD, Ethernet 1 Gbps.

Built-in H.323/SIP gateway requires additional CPU or GPU resources for every layout it renders depending on the number of participants, streaming, and recording options. Typically, every H.323/SIP layout rendered in 720p resolution requires a logical core on a CPU. Up to 100 SIP/H.323 endpoints, up to 500 WebRTC participants, and up to 3000 TrueConf protocol participants per server instance are supported.

Server-side GPU acceleration is available for NVIDIA® Pascal cards or newer. For example, NVIDIA® Quadro P2000 can render up to 20 individual H.323/SIP layouts with 720p resolution.

For desktop endpoints: Microsoft® Windows 7+, Apple® OS X 10.7+, Ubuntu 12.04+ or Debian 7.2.0+. For 2160p video calls: Intel® Core i5-8600 CPU and NVIDIA® GTX 1050 or better. For 1080p30 video calls: Intel® Core i5 5th Gen; for 720p30: Intel® Core i5 2nd Gen; for 480p30: Intel® Core i3 2nd Gen; for 360p: Intel® Celeron (Haswell).

For mobile devices: smartphones and tablets based on Android 6+ or iOS 11+ platforms.

For Smart TV: NVIDIA® SHIELD TV and Xiaomi® Mi Box 4/S.

