

TrueConf Server



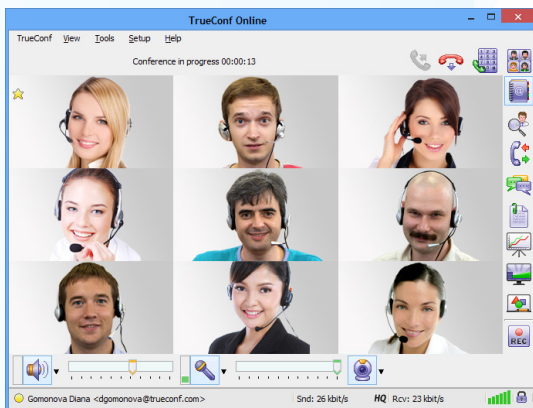
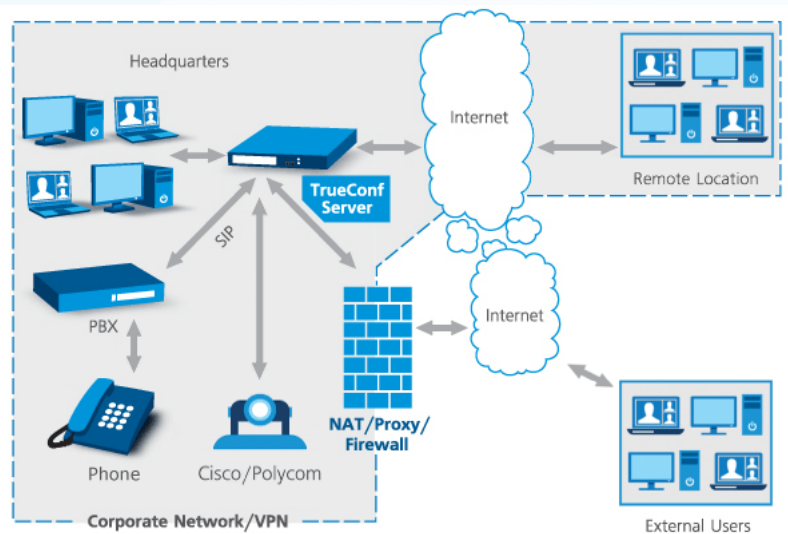
TrueConf Server is an HD software based video conferencing server designed for creating private video conferencing infrastructure for companies of any size. TrueConf customers are offered a wide range of tools for document collaboration, planning, video conference recording,

integration with LDAP services, and user management. TrueConf Server is able to be easily customized for many users, and ensures communication of high quality, even over long distances and on unstable network connections.

Features

Server Side Features

- Support for SVC technology.
- Built-in SIP gateway.
- Management of users groups and access rights.
- Support for user storage in Active Directory / LDAP.
- Roaming between several servers.
- Works through NAT, Firewall, and Proxy.
- Needs only one TCP port to operate.
- Supports UDP Multicast technology.
- Scheduling of video conferences.
- E-mail notifications for users.
- Compatible with all TrueConf products.
- Automatic generation of reports on server maintenance.
- Supports iOS and Android applications.

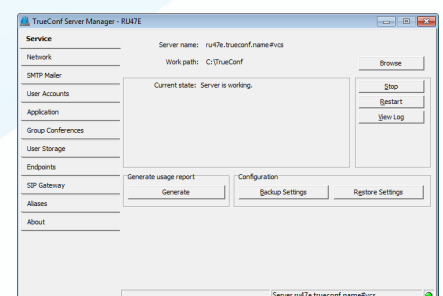


TrueConf Client Application Features

- Full HD point-to-point video calls.
- Multipoint video conferences 16-on-16.
- Video lectures 16-on-1.
- Virtual meetings with up to 250 participants.
- Recording of video conferences and video calls.
- Easy to use collaborative tools.
- Flexible video layout modes.
- Users groups in the address book.
- Call history and missed calls lists.
- Survey of opinions during a video conference.
- Efficient noise and echo cancellation algorithms.
- Dynamic adaptation to the quality of network channels.

Advantages

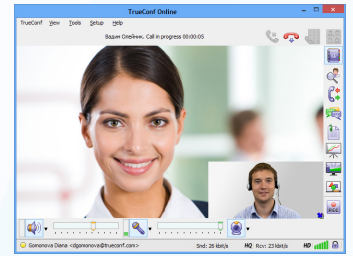
- Works in secure corporate networks and over the Internet.
- No expensive equipment or installation costs.
- Compatible with third-party H.323/SIP equipment.
- Highly scalable solution.
- Easy to implement and support.
- Flexible licensing.
- Reliable on variable network connections.
- Get your Free Trial Version at www.trueconf.com



Video Conferencing Modes

Full HD Point-to-Point Video Call

Video Call is an Full HD video session between two users, during which they can see and hear each other, exchange messages and files, collaborate on documents, use whiteboard, and at the same time stay in different places in comfortable environment. Video quality can automatically ascend to Full HD format (1080p) during a call.



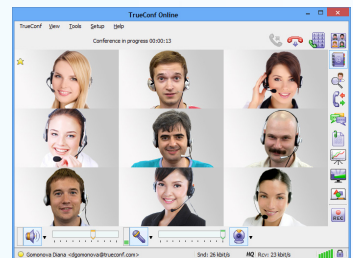
Multipoint Video Conference (up to 16 Participants)

Multipoint (or group) video conference allows to connect up to 16 simultaneous participants so that all users can see and hear each other. During this video conferencing mode participants can use slide-shows and remote desktop presentations features. Each participant can individually choose a convenient video layout



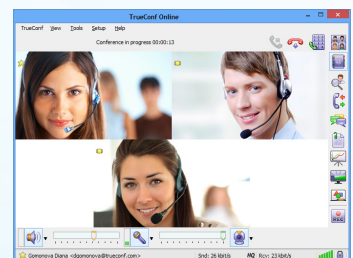
Video Lecture (up to 16 Participants)

Asymmetric mode is designed for distance learning. It allows to connect up to 16 users in a video conference in such a way that all participants can see and hear only one speaker, while the speaker, in turn, can see and hear all participants of the video conference simultaneously. A wide range of collaborative tools can be used during this video mode.



Virtual Meeting (up to 250 Participants)

This is the type of asymmetric video conference with up to 250 participants who can see and hear not more than 4 speakers at one time. Users can actively participate in discussions, make requests for broadcasting, use the Push to Talk feature, send messages and use collaborative tools.

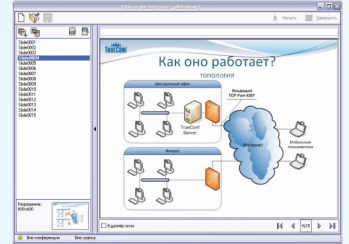


Collaborative Tools

Collaborative tools are used for coordinating and controlling work on common tasks for business, as well as allowing participants from any location to interact with common projects and documents. This multi-media approach allows for clear, immediate communication between the members of your team.

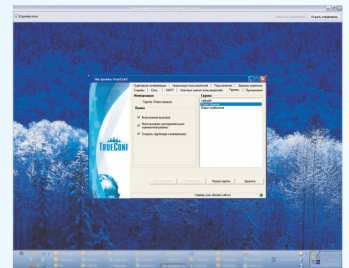
Slide Shows and Presentations

This feature allows to demonstrate slide shows, photos, schemes, diagrams, other documents to other conference participants. Slide shows can be combined from several images or imported from Microsoft PowerPoint™.



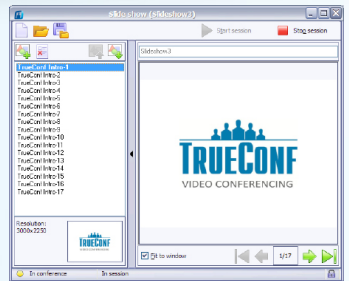
Remote Desktop Sharing and Control

This function allows you to transfer desktop image to other conference participants, and they, in turn, can remotely control your desktop in real-time mode without third-party software or additional devices. Remote desktop sharing and control feature perfectly suits remote work on technical problems, visual demonstrations and software tests.



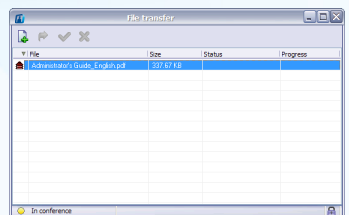
Whiteboard

This feature allows participants of a personal video call to draw and edit text and graphic data in real-time mode using various palettes and tools for drawing. Slide show presentations and images can be added to the Whiteboard.



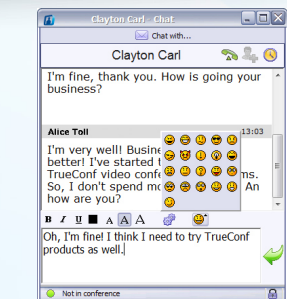
File Transfer

During a video call you can transfer files of any format directly to other participants without third-part software or additional technical equipment.



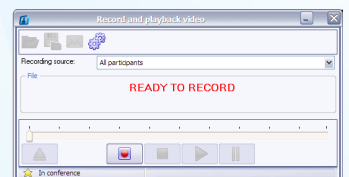
Instant Messaging

Instant messaging allows to exchange text messages during a video conference or outside it, either with all participants simultaneously or with any selected user. One can also leave a message to a user, even if he/she is not involved into an active session.



Recording

This tool allows the application user to record a video in different modes: one's own video of the conference, a video of all video conference participants, or the image of a selected user. This feature is available in point-to-point video calls as well. Recorded files are stored in the standard .avi format by means of the video codec VP8.



Attachment

Video resolution and frame rate depends on the quality of your network connections, the performance of client terminals and hardware capabilities. It can vary dynamically during a video conference. Supported video modes:

- SD (320x240) @ 30 fps;
- HQ (640x480) @ 30 fps;
- ED 16:9 (864x480) @ 30 fps;
- HD 16:9 (1280x720) @ 30 fps.
- Full HD 16:9 (1920x1080) @ 30 fps

Recommended PC configuration for TrueConf Server system

- Operating system: MS Windows Server 2003/2008.
- CPU Intel Core 2 Duo E6400, AMD 64 X2 4400+ and higher.
- 1 GB RAM.
- 20 GB hard disk space.
- 100 Mbps Ethernet.

Recommended PC configuration for HQ video conferencing mode

- Operating system: Windows XP/7/8.
- CPU: Intel Core 2 Duo E6400, AMD 64 X2 4400+.
- 1 GB RAM.
- Graphics card compatible with DirectX 9c (256 MB and higher).

Recommended PC configuration for HD video conferencing mode

- Operating system: Windows 7/8.
- CPU: Intel Core Quad/i5/i7.
- 2 GB RAM.
- Network: for video call - 1 Mbps in both directions or higher.
- Graphics card compatible with DirectX 9c (512 MB and higher).

Video codecs

- VP8 provides business quality video, up to Full HD. It combines high performance and excellent video compression quality. Due to the SVC technology implementation each video conference participant receives the best video.

Audio codecs

- Opus, Speex, g.711, g.722, g.723, g.728, g.729.

Bandwidth requirements



Recommended equipment



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