



Webinar: TrueConf Server **4.7**

Starts at 11:00 UTC (6 am EST)

What happened to 4.6.0?

- **4.6.0.** Support for 64-bit architecture. This version was not available for public.
- **4.7.0.** Network and multi-core optimization. Available for Windows and *Linux (beta version)*.

TrueConf Server Changelog

TrueConf Server version comparison form

Choose your version <input type="button" value="v"/>	Current TrueConf Server version: 4.7.0.10358	<input type="button" value="Compare"/>
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TrueConf Server 4.7.0

30.12.2020 (4.7.0.10358 version)

Added:

- Individual layouts for SIPH.323 endpoints.
- Delivery of push notifications about incoming calls and messages for mobile applications.
- Empty content windows and missing video sources of conferences participants are replaced with placeholder images.
- Built-in multi-media player for viewing recordings and conference chat synced with video.
- Users can now log in to the personal area on the guest page of any TrueConf Server instance connected to the same LDAP directory.
- After a click to call in the personal area, users are now automatically connected to the server and signed in to their applications.
- Ability to manually set the maximum session refresh-period for global SIP connection parameters and a separate SIP configuration.
- Turkish localization of the personal area.
- Protection from brute force password cracking for web-based authorization (either in the personal area or on the conference page): after several failed attempts, a user account is blocked for 24 hours. The administrator can check this information in the TrueConf Server control panel and manually unblocks the user. The feature is also available in LDAP mode.
- Users from a different TrueConf Server instance can join a private conference with a guest account if their TrueConf Server instances are connected to the same LDAP directory.
- TrueConf Server can now be installed on the GUI-less console version of Windows called Windows Server Core.
- Ability to set a custom RTP port range (for media data exchange during SIP/H.323 calls) in the TrueConf Server control panel.
- Users from a different TrueConf Server instance can join a private conference with a guest account if their TrueConf Server instances are connected to the same LDAP directory.
- Email invitation templates can now include a conference description provided in the Description field (Advanced tab) when scheduling a meeting.
- Reduce SIP messages size section for individual SIP connection rules.
- TrueConf Server API methods for managing streaming to third-party CDN services.
- User authorization attempts in the personal area are now logged in the Events section of the TrueConf Server control panel.
- Ability to set a port range for WebRTC connections in the TrueConf Server control panel.
- Ability to add an external IP address to the SCP as an additional ICE candidate for NAT traversal when connecting via WebRTC.

Changed:

- Ability to set custom conference ID (CID) for scheduled private conference.
- Improved stability when streaming to external services.
- Full transition to 64-bit architecture which improves overall stability and performance.
- When joining a conference from its web page, users no longer have to click on the join button before selecting one of the connection options.
- If the Active Speaker layout mode is enabled, participants are spotlighted for at least 3 seconds when they start speaking.
- Content shared during a conference is now automatically enlarged in the layout for SIPH.323 devices, video recording and streaming.
- Decreased number of requests to LDAP when signing in to TrueConf client application.
- New generation video conference stream processing module; enhanced server performance when hosting several simultaneous conferences; increased server bandwidth capacity.
- Interaction mechanisms between TrueConf Server modules modified and updated, which fixes some halting issues.
- Improved conference join webpage: editable guest names auto generated in public conferences; notifications added to help users join a meeting via a client application.
- Now if a participant uses a pre-installed client application to join a conference from its webpage, the application automatically closes when the conference ends.

Fixed:

- TrueConf Server web service could sometimes crash due to excessive RAM usage.
- Incoming video could sometimes freeze in Yealink VC300/VC300 endpoints.
- In some cases, YouTube streaming did not start when more than 4 concurrent conferences hosted on TrueConf Server were already being streamed on YouTube.
- Calls to Cisco Meeting Server could sometimes be automatically ended after 15 minutes after launch.
- Video from H.323 endpoints could occasionally freeze in conferences which lasted for more than 12 hours.
- Occasional video and audio interruptions from Polycom RealPresence Collaboration Server when making a call from TrueConf client application with a disabled microphone and camera.

- TrueConf Server tv_resolver process could sometimes load CPU at 100% after the conference ends.
- In some cases, TrueConf Server systems service halted when connecting to a very large LDAP directory.
- Calls to an unregistered H.323 device via the TrueConf Server gatekeeper were always directed to the 1720 standard port by default instead of the port specified in the Registration Request (RRQ) field for this endpoint.
- Sometimes unable to call SIPH.323 user over WebRTC.
- TrueConf Server systems service could sometimes halt in case of poor connection with the registration server.
- Sometimes unable to call SIPH.323 endpoints after the restart of TrueConf Server system service.
- Calls to Avaya SIP SoftPhone could automatically end after 30 seconds.
- Incorrect identification of IPv6 addresses containing square brackets in the SIP From domain field of the Network-SIP gateway session in the TrueConf Server control panel.
- LDAP users could not join conferences via WebRTC if their login contained special characters (e.g., slash "/").
- Second authorization was needed when an LDAP user, whose login contained special characters (e.g., slash "/"), tried to access the personal area from the TrueConf client application.
- Administrators from TrueConf Server Security Admins and default Windows Administrators groups could access the control panel with the rights of TrueConf Server Admin.
- Sometimes when connection was lost with an SIP endpoint, participants could see a slashmark (as seen from it in the layout).
- Invited participants could not join a locked conference (only invited users are allowed to join) if their TrueConf IDs contained slashes.
- Incorrect processing of group rights after changing permission settings for users without group group.
- A part of the email invitation template was missing when Polish was chosen as the interface language.
- Could not join an active conference from an SIPH.323 endpoint if the conference had been manually started ahead of time.
- LDAP users could not sign in to the personal area when their email address had this type of authorization was allowed in the advanced LDAP settings.
- Sometimes LDAP users could not sign in to the SIP endpoint with a digit password.
- WebRTC participants could not make a podium by themselves if the owner had left the role-based conference.
- In LDAP mode, group rights restrictions applied only when users signed out their client applications and re-logged in.
- Incorrect display of operator rights if an operator's ID was written in Cyrillic characters.
- Users added to the list of participants during an active conference did not receive email invitations.
- Could not join a meeting via SIP when a large number of SIP calls had been allowed.
- A line break was added to the links shared by WebRTC participants in the conference chat.
- Recurring meetings created in the application scheduler were not correctly displayed in the calendar.
- In a role-based conference when the maximum number of speakers on the podium was reached, the video window of a participant, who was the last to take the podium and appointed as a moderator, could not be seen in the layout.
- In some cases, audio and video interruptions occurred when calling an SIP device in a local network if an external IP was specified in SIP settings.
- In the Reports - Configuration changes section, changes made in the Web - Web security section were not shown.
- In some cases the start date of a recurring conference could move one day forward.
- H.323 participant names were not properly displayed if they were written in Cyrillic characters.
- Users with operator rights could not access the real-time meeting management interface from their personal area.
- In a role-based conference, some presenters were not displayed in the list of participants when using the real-time meeting management interface.
- When starting a conference in video lecture mode, a dedicated content window was not seen by stream viewers.
- In some cases, when a moderator joined the conference via WebRTC, a podium request notification was not correctly displayed.
- Guests using the WebRTC application could not request the podium if either audio or video sharing was not allowed in the Guest Permissions section (the Advanced tab) of the scheduler.
- Occasionally in case of increased server load video could be lagging behind audio when viewing conference recordings in the control panel.
- A conference with an invited user from an LDAP subdomain was not displaying in the scheduler of a client application.
- In some cases, users with a TrueConf ID containing Cyrillic characters could not sign in to the WebRTC application and join a meeting. Conference IDs (CIDs) were zero-sensitive and participants who joined a meeting with CIDs specified in uppercase characters could not see the users who entered the CID in lower case characters.
- In some cases, logs were not displayed in the Reports section of the control panel when signing in as an administrator from the TrueConf Server Security Admin group.
- In some cases there was a second window for content shared from TrueConf client application to a Polycom RMX MCUL.
- IPV6 address or its part was added to the DNS field of a self-signed certificate created in the control panel.
- In some cases, an incorrect TOP port (1720) was added to the Contact field of the SIP message logging.
- LDAP users with IDs in Cyrillic characters could not access real-time meeting management interface.
- Sometimes unable to make a call when using the dialer with "The user is busy" message displayed.
- Content slot could remain in the layout when an H.323 participant stopped content sharing.
- In some cases, video conferencing endpoints from an external network could not be called from TrueConf client application via H.323; however, they could be called via SIP.
- When the account of an H.323 endpoint was temporarily deactivated, it was no longer possible to register this device on TrueConf Server.
- After changing the time zone to +13 in the Preferences section, today's reports were not displayed.
- TrueConf Server system service could sometimes stop when calling RTP addresses.
- When the slideshow was started and quickly ended, the last slide could still be displayed in the layout.
- Occasional video and audio problems for WebRTC participants if the Active Speaker layout mode was enabled.
- Sometimes unable to take a photo for an avatar when editing a profile in the personal area.
- Unable to call a user from a federated TrueConf Server instance in the personal area.
- In some cases, users were unable to log in to the personal area after changing the display name in the profile settings of the personal area.
- Sometimes LDAP user avatars were not displayed during scheduling.

- Occasional problems when downloading conference recordings with TrueConf Server API v3.
- Calls made in the personal area to a user from a federated TrueConf Server instance could be directed to a user from the current TrueConf Server instance if that user ID is mismatched.
- User avatars were not displayed in the global user search if user IDs contained an underline.
- Occasionally unable to use a camera and microphone when joining a web conference from Samsung Internet Browser.
- Calls to Grandstream GVC3200 video conferencing system could be automatically ended if it did not receive an audio stream from TrueConf Server for more than 35 seconds, for example, if the microphone was muted in TrueConf client application.
- Users from a federated TrueConf Server instance did not receive email invitations to a scheduled conference.
- Incorrect search results were occasionally displayed when searching for LDAP subdomain users.
- In some cases, LDAP users with IDs in Cyrillic characters could not be found via the control panel.
- YouTube streaming could occasionally terminate before the conference ended.
- No audio from Davavideo NVS.33 video streaming server when calling it from TrueConf client application via RTP.
- Unable to dial aliases if their TrueConf IDs or aliases contained Cyrillic characters.
- TrueConf Server tv_resolver process could be occasionally terminated when raising video resolution to 1080p for streaming or WebRTC (no Gateway -> Processing) section of the control panel.
- Austria were not displayed in client applications for users whose IDs contained Cyrillic characters.
- TrueConf Server tv_server system service could sometimes halt when hosting a large number of simultaneous conferences.
- SIPH.323 addresses with extension numbers could not be added to the address book from the control panel.
- Log files could grow rapidly in size when TrueConf Server APIs were frequently used.
- Unable to send notification emails about missed calls if SMTP was configured with STARTTLS.
- Conference owners were sometimes unable to import a conference invitation to a calendar using Microsoft Outlook.
- In some cases, a user from a federated TrueConf Server instance could receive an invitation email with incorrect parameters upon the start of the scheduled conference.
- Unable to connect to the LDAP server when a group with a name in Cyrillic characters was selected as an LDAP group for recording.
- In some cases, API Get Call Record List method did not return any results. Additionally, we recommended using the new Get Important List method to view a list of conference recordings (starting from v. 4.5.5).
- Sometimes unable to call an RTP camera added to the list of conference participants when starting a conference created in the TrueConf Server control panel.
- Occasional problems with obtaining a license for a secondary server when using the TrueConf License Manager extension.

TrueConf for Windows client application updated to v. 7.5.2.952/207.

Changed:

- Improved resolution of the shared content in a group conference.

Fixed:

- Unable to update a client application from the 32-bit version to the 64-bit version.
- Occasional problems with accessing the personal area or starting slideshow if the application had been running for more than 24 hours.
- Sometimes unable to join a conference on its web page from a client application.
- In some cases, users could be automatically re-authorized in the client application after the conference ended if they had joined the conference from its web page.
- Echo cancellation could stop working if the application in a client application was launched on the computer that had been running for more than 25 days.
- Occasional problems with echo cancellation if the application in a client application was launched on the computer that had been running for more than 25 days.
- Occasional problems with echo cancellation if it was adjusted to audio delay in the application settings (the Estimate button in the Audio and Video section).

The full changelog is here:

<https://trueconf.com/products/server/changelog.html>

TrueConf Server 4.7 detailed overview is available in our blog post:

<https://trueconf.com/blog/news/trueconf-server-4-7-meeting-highlight-reel.html>

Now let's have a **live demo** to take a look at all the new features and **run a Q&A session**:



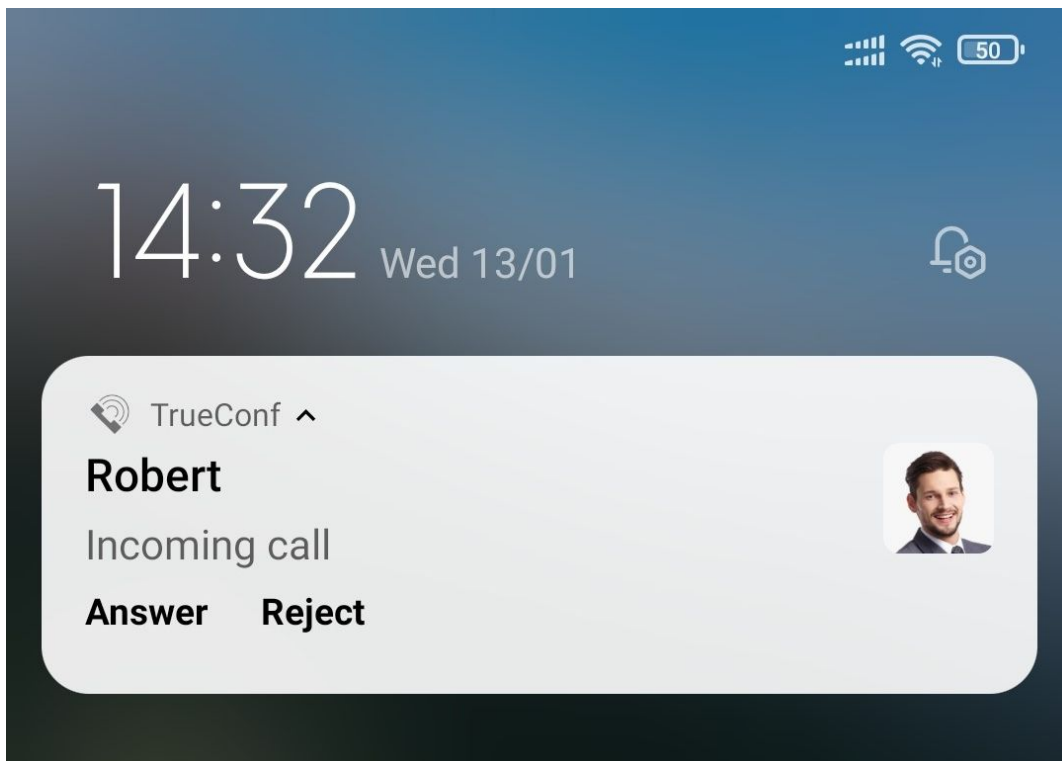
Individual layouts for SIP/H.323 and WebRTC participants.

*Now each participant on every protocol can get a
custom video layout.*

Content window automatically
enlarged for SIP/H.323 and
WebRTC participants
(as well as in streaming and recording).

Good news: Virtual meetings
with up to 1000 participants!

Push notifications for Android and iOS






You'll always get incoming calls and messages even if TrueConf application is not running.

Meeting highlight reel

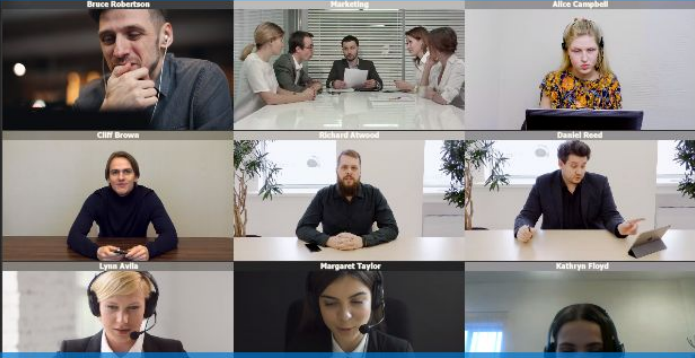
*Built-in player for viewing recordings
and conference chat synced with video*

Conference Recordings [Help](#)

Conference ID: -

Filename	Session ID	Start	End	Duration	CID	Size, MB	
00000004583d1e6f_2020-...	00000004583d1e6f@ua6...	10.12.2020 13:09:13	10.12.2020 13:12:34	00:03:21	\c\7412386656	13.6	  

00000004583d1e6f@ua6m5.trueconf.name#vcs



BR Bruce Robertson
Hi all. So, what's on the agenda today? 01:56

KF Kathryn Floyd
We need to come up with a list of upcoming events for 2021. 01:56

CB Cliff Brown
Alice, how soon are we going to make a decision on this one? 02:58

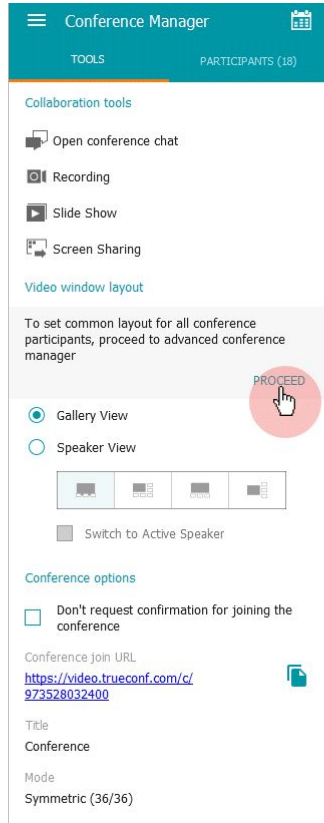
00:05

Placeholders for empty video slots

Displayed if

- No video received from a user
- No presenters on the podium yet
- Video layout with no participants selected
- A pending participant added to the video layout

Managing groups of participants



<https://trueconf.com/blog/wp-content/uploads/2021/01/gifka-en.gif>

Calls from the Personal Area made easier

The screenshot displays the TrueConf Server interface. At the top, there is a teal header with 'TrueConf Server' on the left, 'Address book' in the center, a search icon, and a user profile for 'Robert' on the right. Below the header, a navigation sidebar on the left includes 'Home', 'CONFERENCES' (with sub-items: Meetings, Virtual rooms, Templates), and 'Contacts' (highlighted). Below the sidebar are links for 'Download the application', 'User manual', and 'Go to the guest page'. The main content area shows a list of contacts under the heading 'Without groups'. A table lists the contacts with columns for 'User', 'TrueConf ID', and 'Email'. To the right of the table is a detailed view for 'Teresa Olson', featuring her profile picture, name, email address, and buttons for 'CALL' and 'CHAT'. Below the profile picture, her contact details are listed: First name: Teresa, Last name: Olson, Groups: Chicago Branch, and E-mail: Olson@tc.com.

User	TrueConf ID	Email
Teresa Ols...	olson	Olson@tc.com
Richard At...	atwood	Atwood@tc.com
Lynn Avila	avila	Avila@tc.com
Kathryn Fl...	floyd	Floyd@tc.com
Abe Chest...	chester	chester@tc.com
Steve Web...	webster	Webster@tc.co...
James Wolf	wolf	wolf@server.co...
Pablo Hub...	huber	Huber@tc.com

Teresa Olson
olson@video.trueconf.com

CALL **CHAT**

First name: Teresa
Last name: Olson
Groups: Chicago Branch
E-mail: Olson@tc.com

Now you can set a
conference ID (CID) for
private meetings

Support for Windows Server Core

```
Microsoft (R) Windows Script Host Version 5.812
Copyright (C) Microsoft Corporation. All rights reserved.

Inspecting system...

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Server Configuration
-----

1) Domain/Workgroup:           Domain: ntdev.corp.microsoft.com
2) Computer Name:             WIN-50AP90BMIR8
3) Add Local Administrator
4) Configure Remote Management   Enabled
5) Windows Update Settings:    DownloadOnly
6) Download and Install Updates
7) Remote Desktop:           Disabled
8) Network Settings
9) Date and Time
10) Telemetry settings        Enhanced
11) Windows Activation
12) Log Off User
13) Restart Server
14) Shut Down Server
15) Exit to Command Line

Enter number to select an option:
```



If updated, your TrueConf Server will
have to be re-registered

*Please contact TrueConf technical support team or your
personal manager before update*

Thank you for your attention!

Check out our blog for more updates:

<https://trueconf.com/blog/>