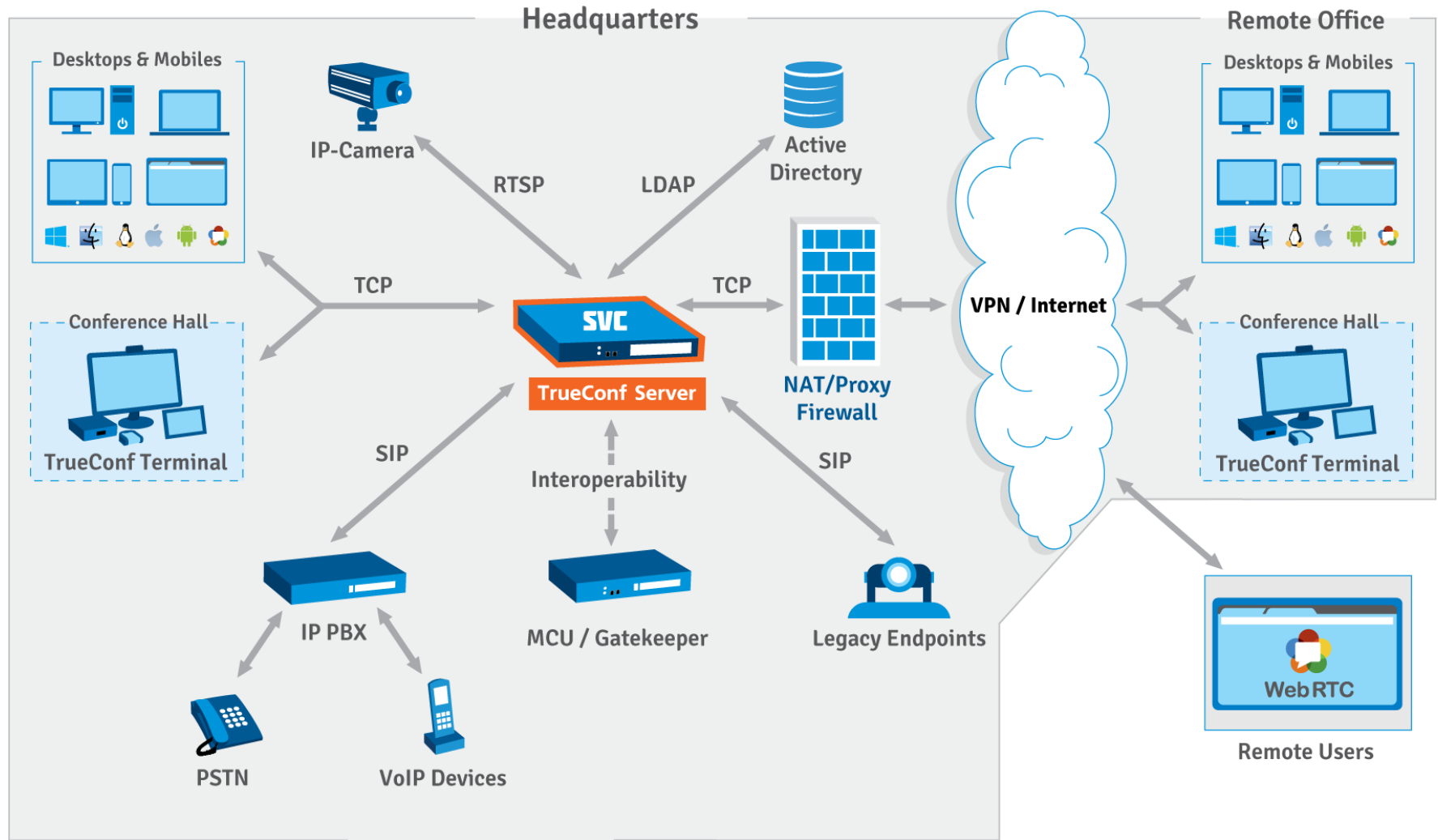


TrueConf Server

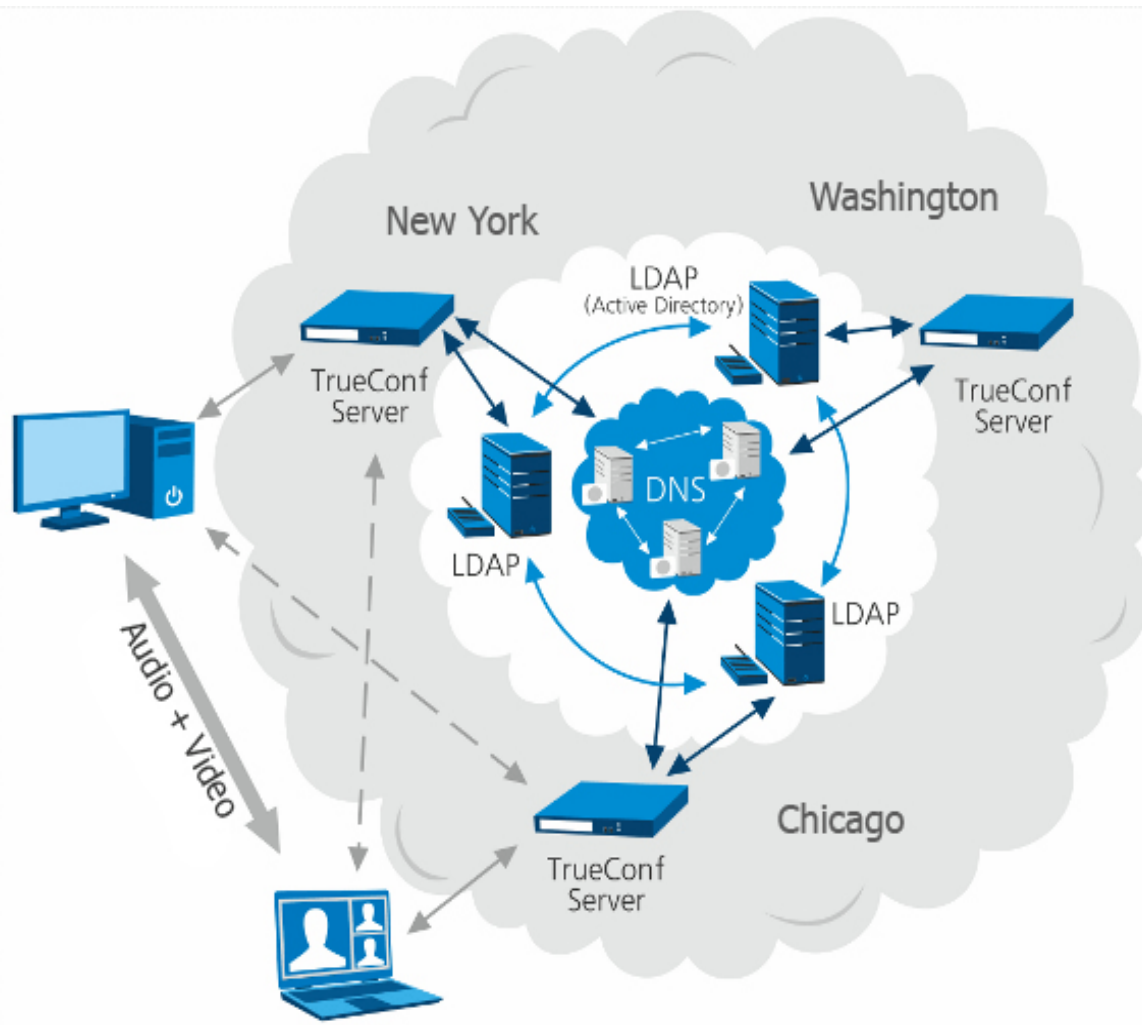
October 03rd, 2014



On-premises — TrueConf Server

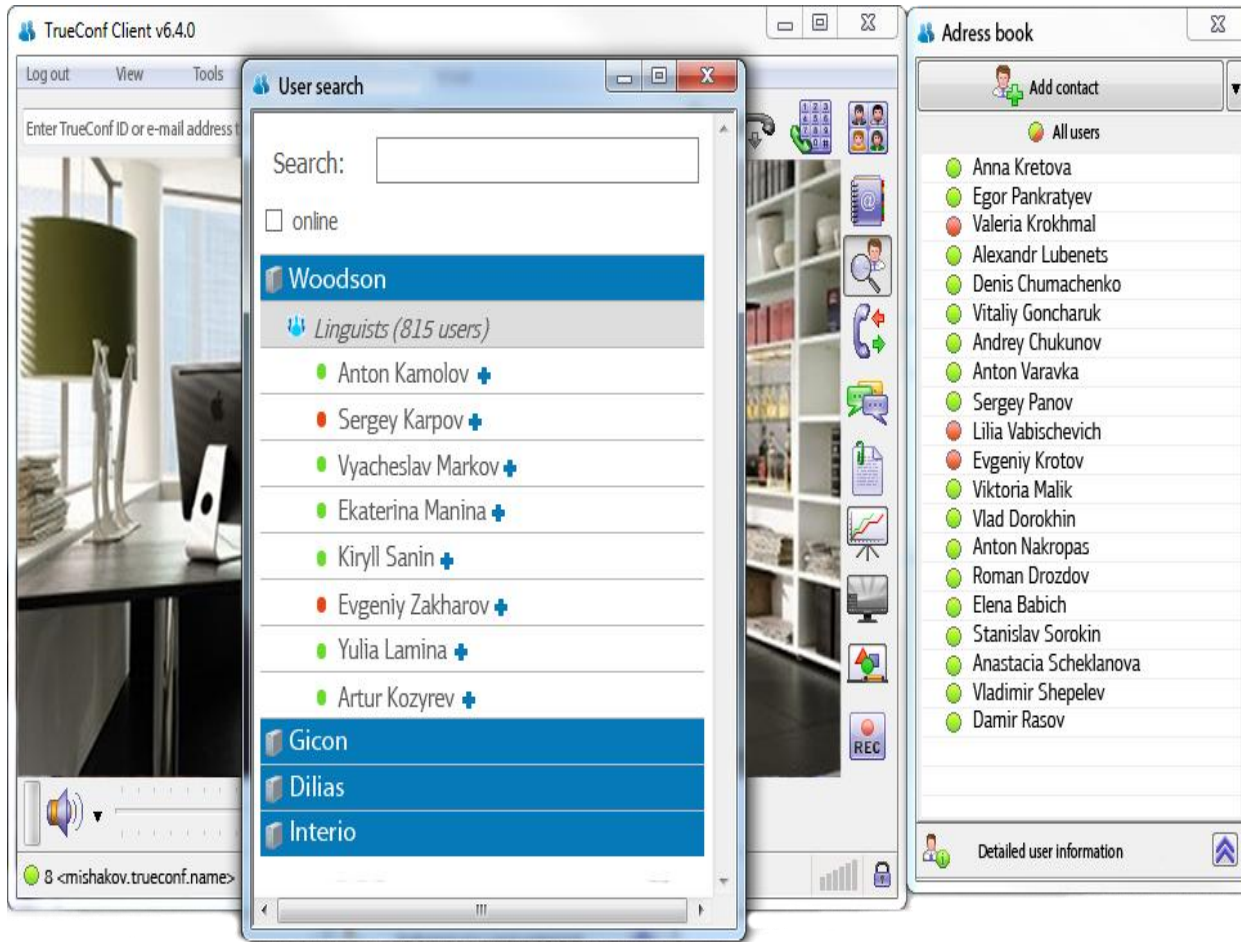


TrueConf Enterprise



- Unlimited scaling opportunities
- Common address space
- Can host 10 000 online accounts per server instance
- Great for service providers and Enterprise

TrueConf Directory



- Combines user's databases from multiple TrueConf Servers instances
- Allows to search, add to Address Book and call remote users
- Sync their statuses.



TrueConf Terminal



Infrastructure



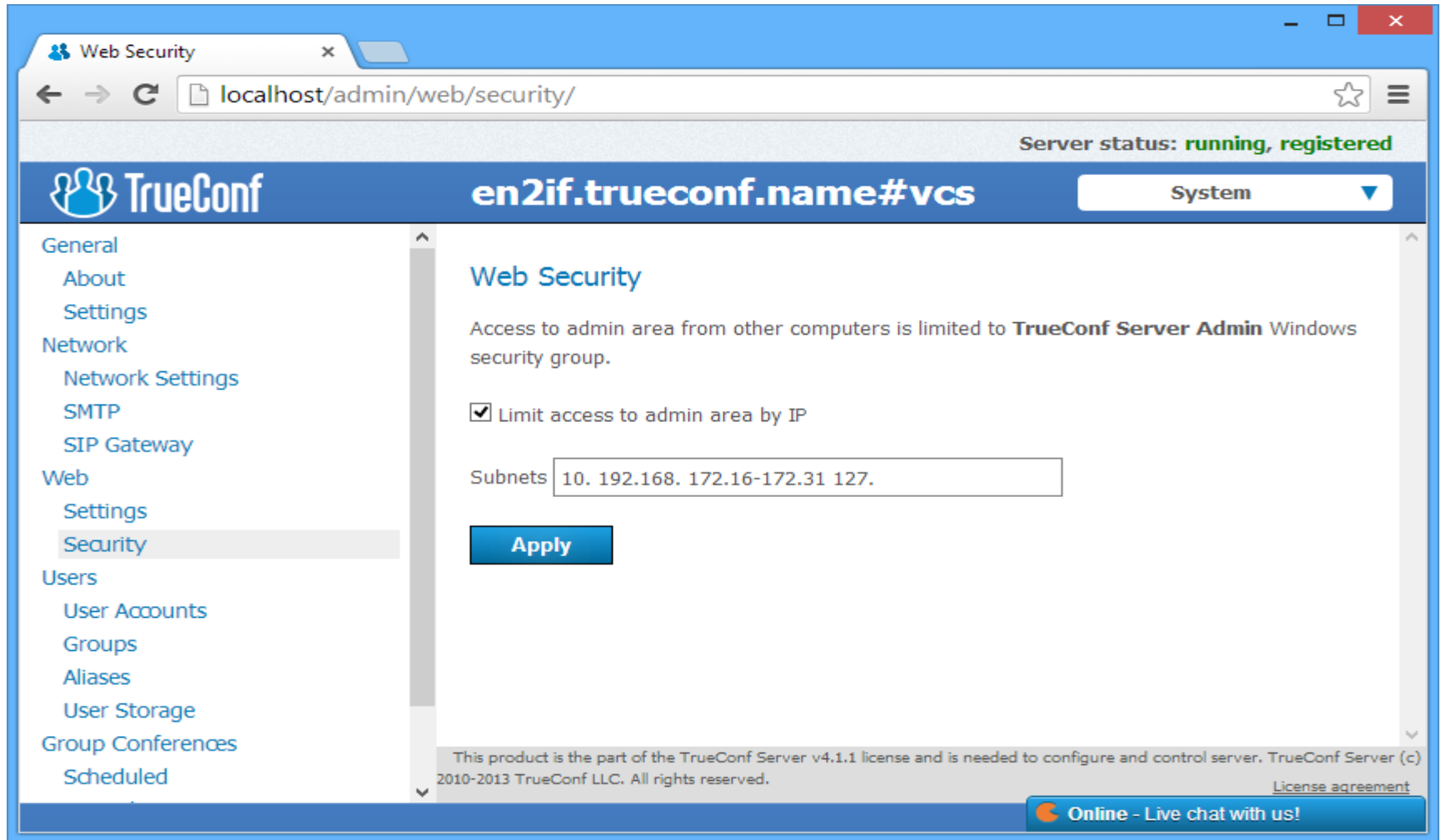
TrueConf Server Installation



- Prior to the installation you should define a port for managing web server
- Default port in use is 80
- We recommend to disable antivirus software during the installation



Web Administration



The screenshot displays the TrueConf Web Administration interface in a browser window. The address bar shows `localhost/admin/web/security/`. The page header includes the TrueConf logo, the server name `en2if.trueconf.name#vcs`, and a dropdown menu set to `System`. The server status is indicated as `running, registered`. The left sidebar contains a navigation menu with categories: General (About, Settings), Network (Network Settings, SMTP, SIP Gateway), Web (Settings, Security), Users (User Accounts, Groups, Aliases, User Storage), and Group Conferences (Scheduled). The `Security` option under the `Web` category is selected. The main content area is titled `Web Security` and contains the following text: "Access to admin area from other computers is limited to **TrueConf Server Admin** Windows security group." Below this, there is a checked checkbox for `Limit access to admin area by IP` and a text input field for `Subnets` containing the value `10. 192.168. 172.16-172.31 127.`. An `Apply` button is positioned below the input field. At the bottom of the page, a footer contains the copyright notice: "This product is the part of the TrueConf Server v4.1.1 license and is needed to configure and control server. TrueConf Server (c) 2010-2013 TrueConf LLC. All rights reserved." and a link to the `License agreement`. A blue button in the bottom right corner says `Online - Live chat with us!`.



Network Integration

- If internal address is not equal to the external one, please indicate it.
- You can use several addresses/ports
- Default communication port is 4307. It can be changed.

Network Settings

Internal addresses

☐ Listen on all IP addresses

192.168.66.32:4307

Add

Reset

Apply

External addresses

☒ Specify

192.168.66.32:4307

Add

Reset

Apply



TrueConf Server Ports Rules

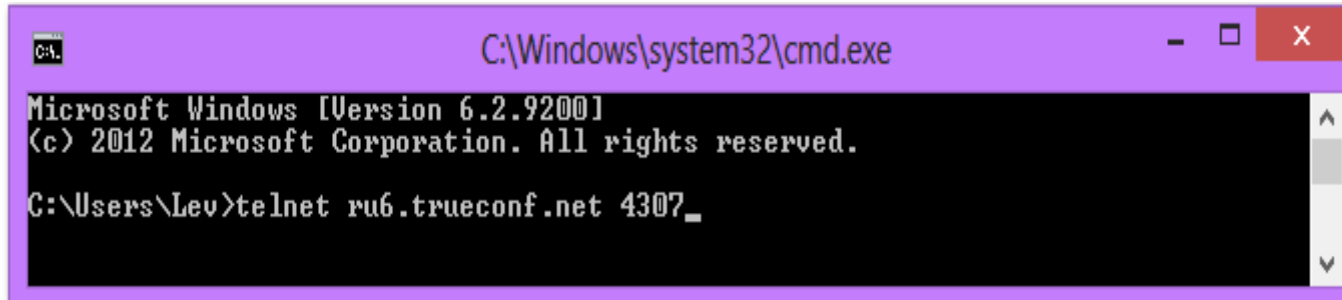
Video, audio, managing, TrueConf client authorization	TCP	4307	Can be re-defined.
TrueConf Server registration	TCP	4310	Possible to activate in offline mode.
SIP managing (signaling)	UDP & TCP	5060	Can be re-defined.
SIP media data	UDP	6001-8000	Can be re-defined.

Ports Used by TrueConf Server

You can check the availability of ports using telnet

```
telnet IP_server Port
```

In case of successful connection, the system will show you an empty screen. If the connection fails, you will see connection failure message:
“Could not open connection to the host, on port 4307: Connect failed”



```
C:\Windows\system32\cmd.exe

Microsoft Windows [Version 6.2.9200]
(c) 2012 Microsoft Corporation. All rights reserved.

C:\Users\Lev>telnet ru6.trueconf.net 4307_
```



User Management: Creating a New User

User Accounts

Group

User Accounts

Add User

Total users: 2

--	--	--	--

Edit user

Account information

Status: ☒ Active

TrueConf ID: @ub02m.trueconf.name

Password: Confirm:

E-mail:

Display name:

First name:

Last name:

Groups:

Mobile:

Work:

Home:

Save

Back



User Groups

Groups

Group list

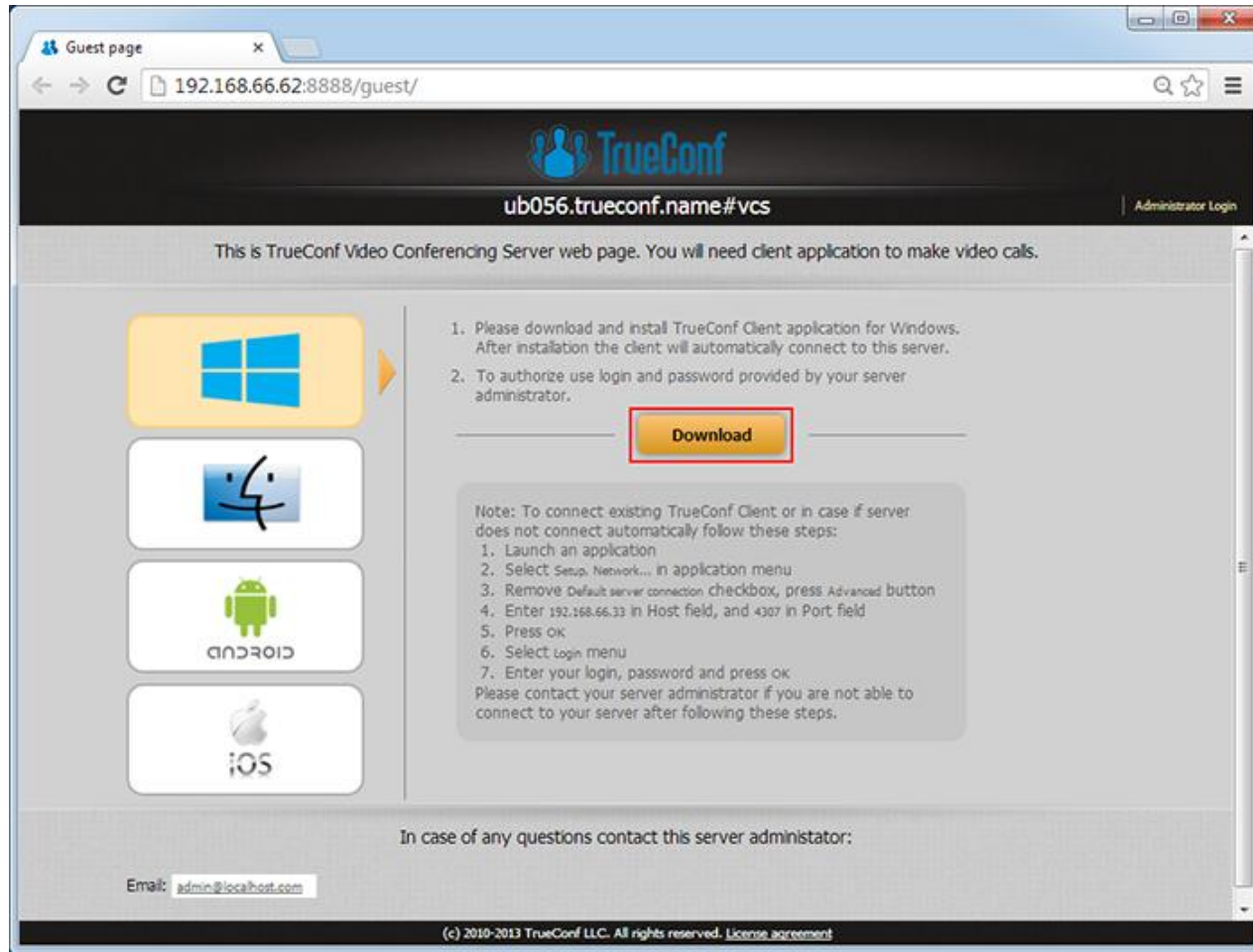
Create

☐	<u>Group Name</u>	Address Book	Address Book Editing	Make Calls	Use collaboration tools	Create group conference
☒	<u>Group 1</u>	<u>Customize</u>	☒	☒	☒	☒
	<u>Users without group</u>	<u>Customize</u>	☒	☒	☒	☒

Users Storage Mode

- User accounts can be stored locally or be taken from the external source using LDAP.
- It is possible to connect LDAP source only after purchasing the license. We can enable it on request in trial as well.

Guest Access



Setting up Your Guest Portal

 TrueConf

ub056.trueconf.name#vcs

General

- About
- Settings

Network

- Network Settings
- SMTP
- SIP Gateway

Web

- Settings
- Security

Users

- User Accounts
- Groups
- Aliases
- User Storage

Group Conferences

- Scheduled
- Recordings

Web Settings

Guest page

Web for TrueConf Server users: <http://192.168.66.62:8888/quest/>

Visible Contact Information of the Administrator

Name

E-mail

Phone

Apply

URL for direct TrueConf client download:

Windows	http://192.168.66.62:8888/downloads/trueconf_client.exe
MacOS X	http://192.168.66.62:8888/downloads/trueconf_client.dmg

Setting up Your Guest Portal

External Web URL

http:// 192.168.66.62:8888

Apply

Company logo

Logo to be displayed on the guest page



Download

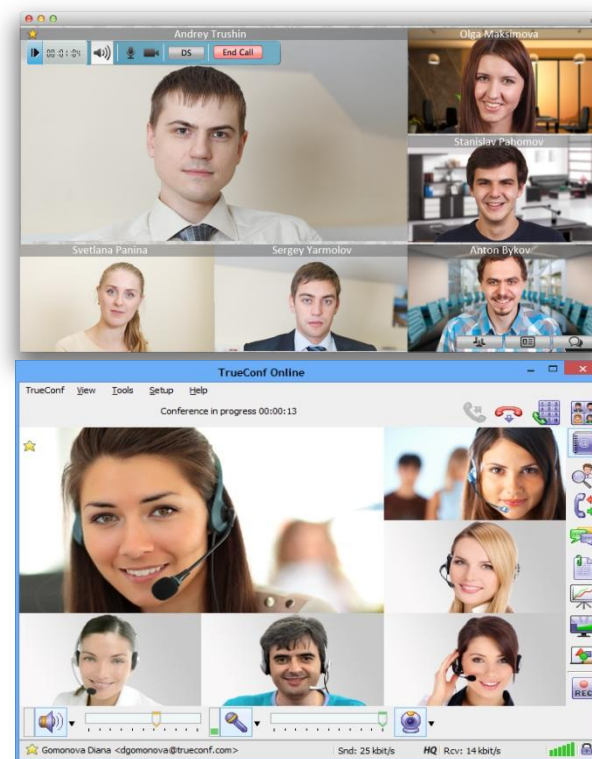
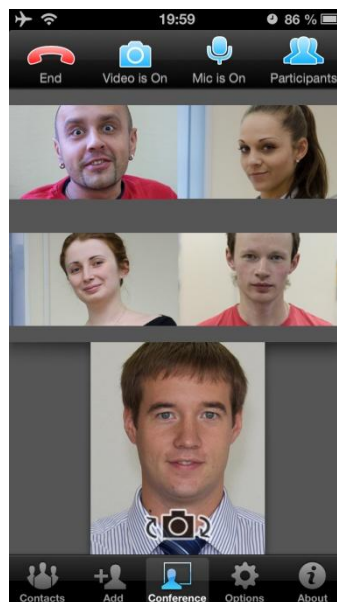
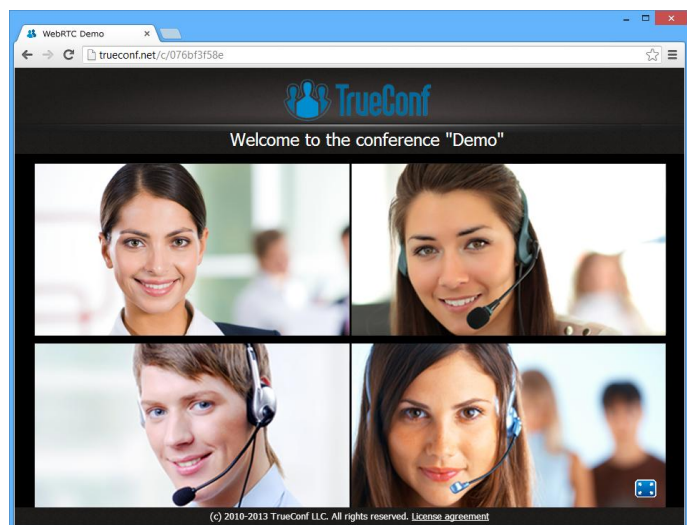
Set default

The logo must be on a transparent background in PNG, with maximum resolution 260x50 and no more than 1 MB.

You can change the logo!



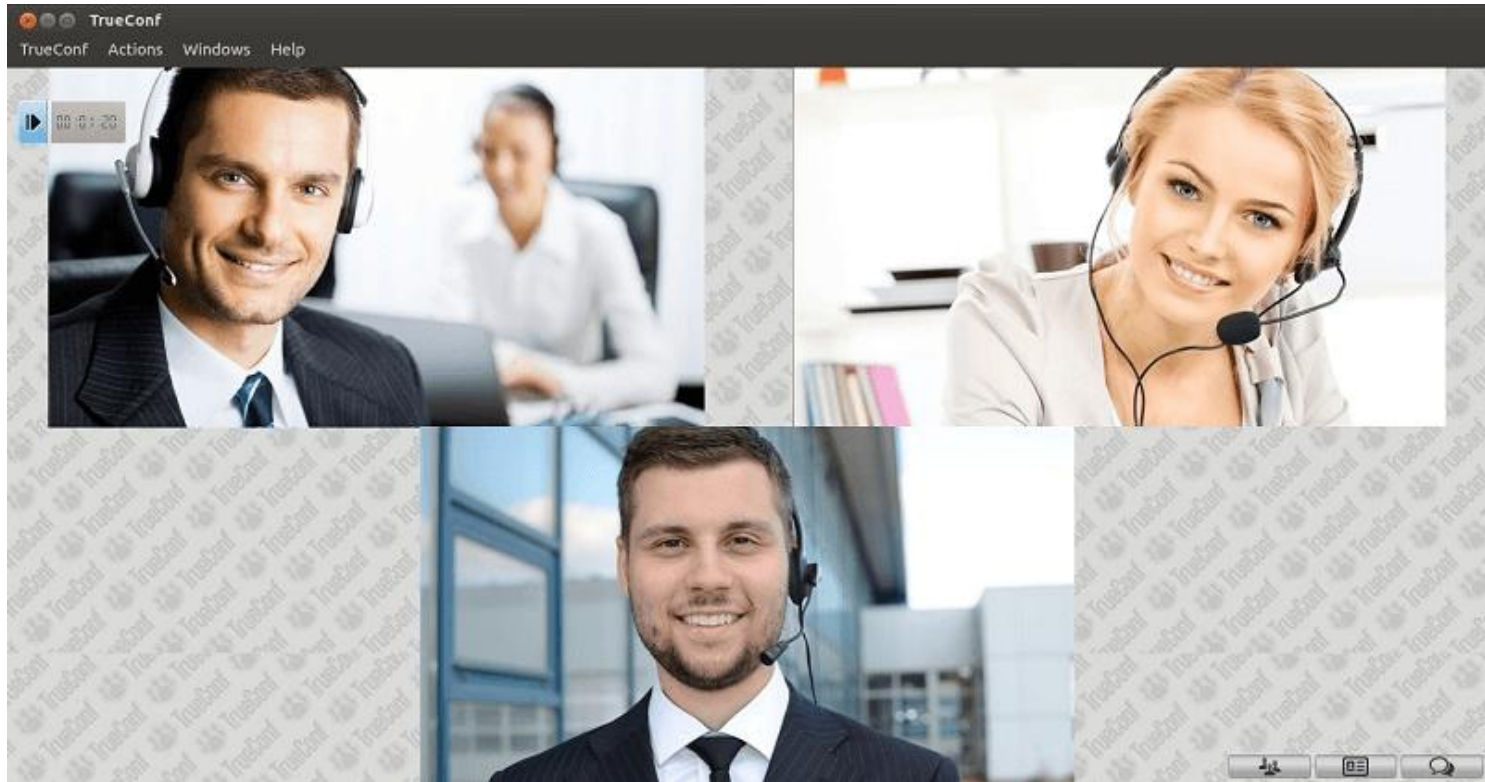
Cross-platform



Mac OS X



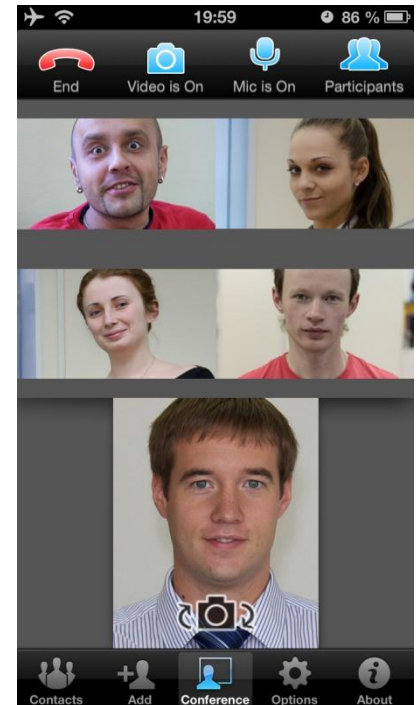
New application for Linux



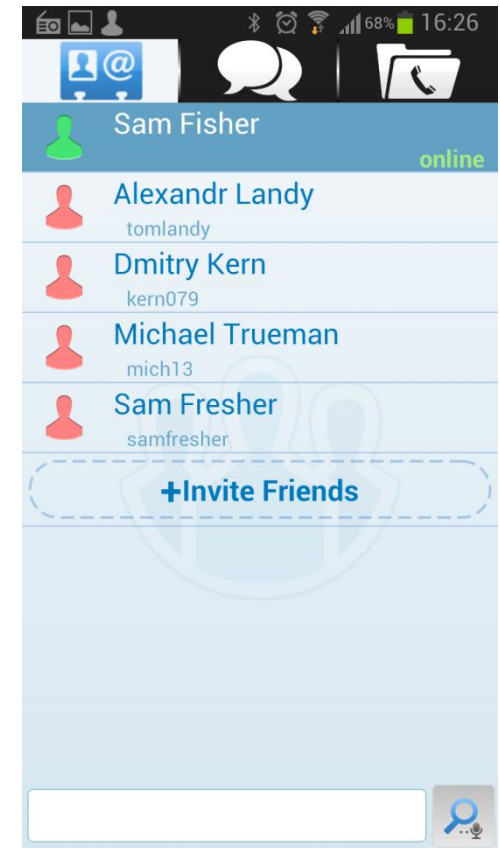
Has been designed for Ubuntu 12.0.4 and Debian 7.2.0 and above.



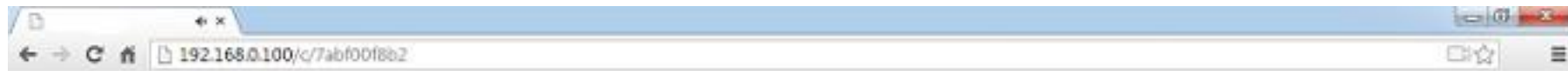
Apple iPhone и iPad



Android



WebRTC



(c) 2010-2014 TrueConf LLC.

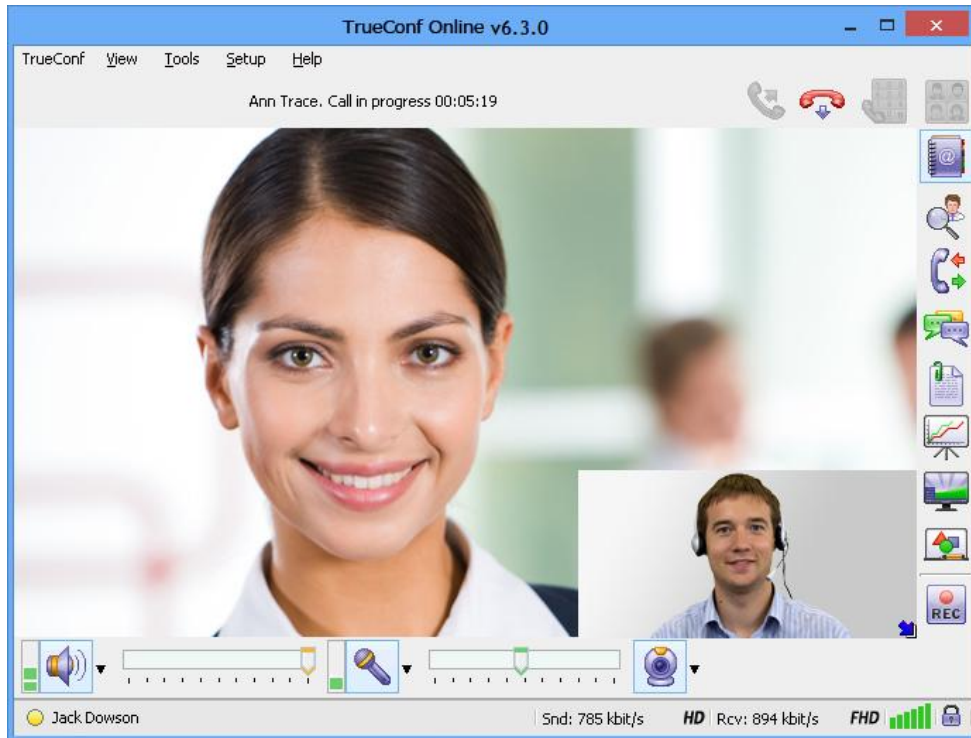


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Video conferencing types



Video Conferencing Types



Point-to-point Video calls UltraHD.

Point-to-point personal video call makes it possible for two parties to see and hear each other in high resolution, exchange messages, links, files, work together on the documents.



Video Conferencing Types



Multipoint video conference.

During a multipoint video conference all users can see and hear each other. This video conferencing type allows to connect up to 16 users.



Video Conferencing Types

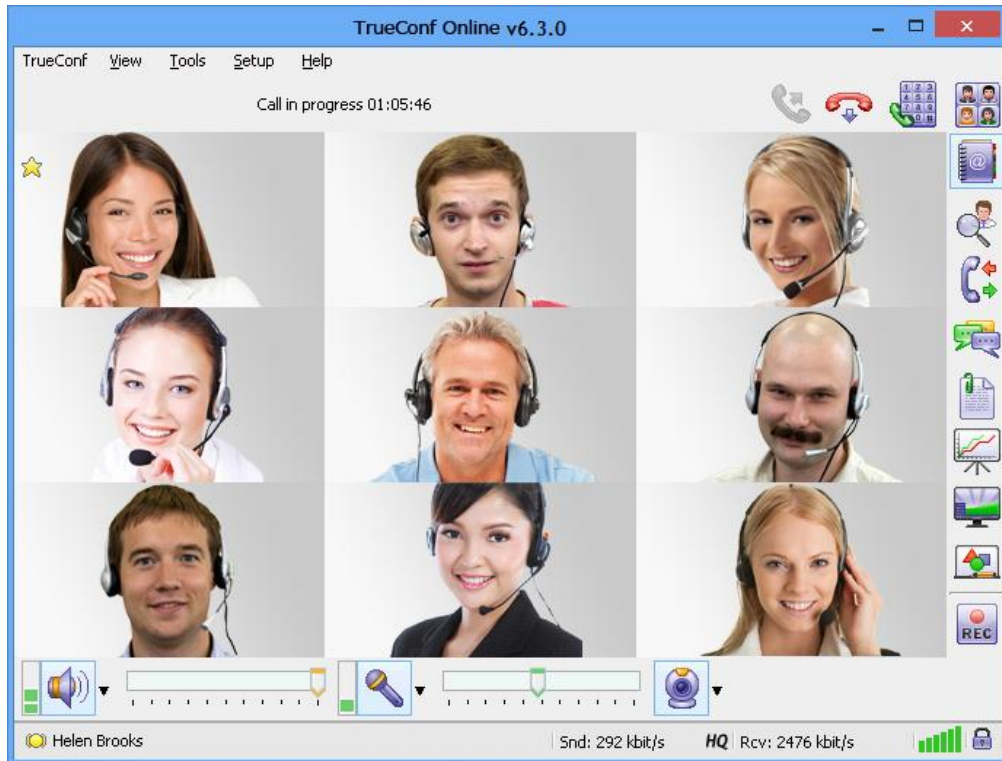


Virtual meetings

Allows to connect up to 250 participants when using UDP Multicast technology, and up to 120 participants when using TCP. Conference host can appoint any 4 users speakers who will be seen and heard to the rest conference participants.



Video Conferencing Types



Video Lecture

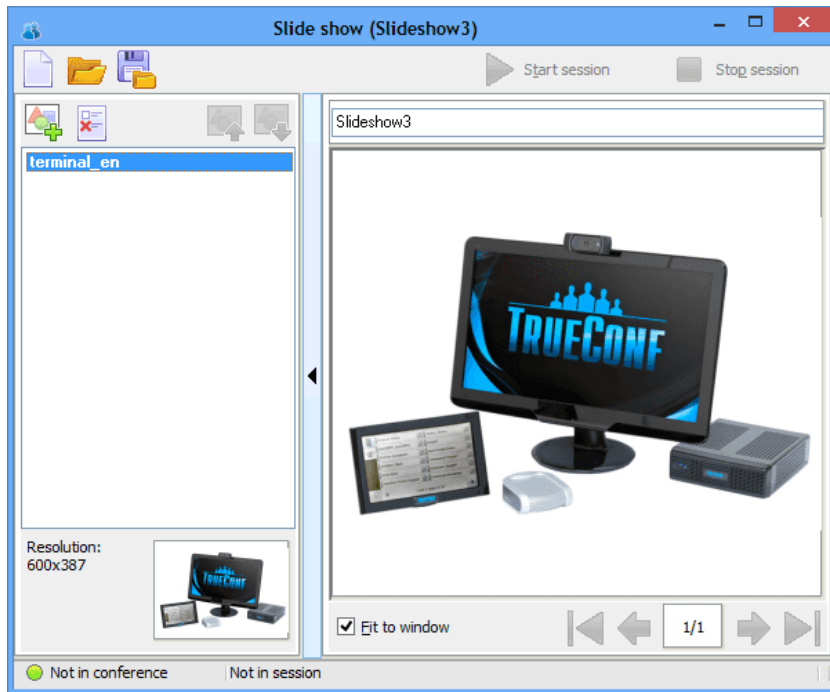
mode is designed for distance learning and conducting lectures. This video conferencing type allows to connect up to 16 participants simultaneously, so that everyone is able to see and hear only one speaker, who in his turn is able to see and hear all the participants of the video conference.



Additional features



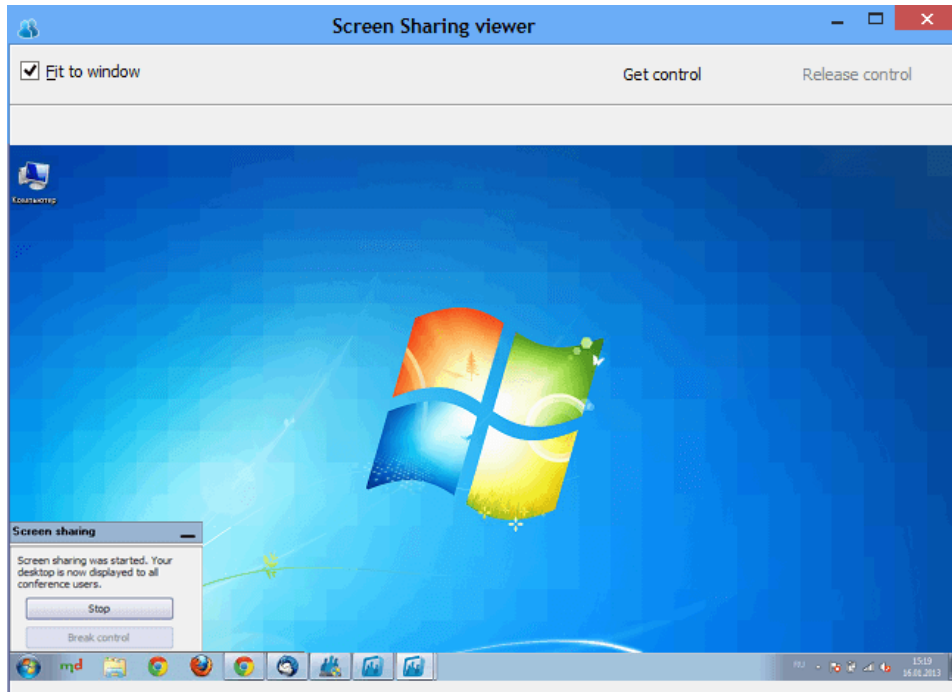
Slide Show



Features

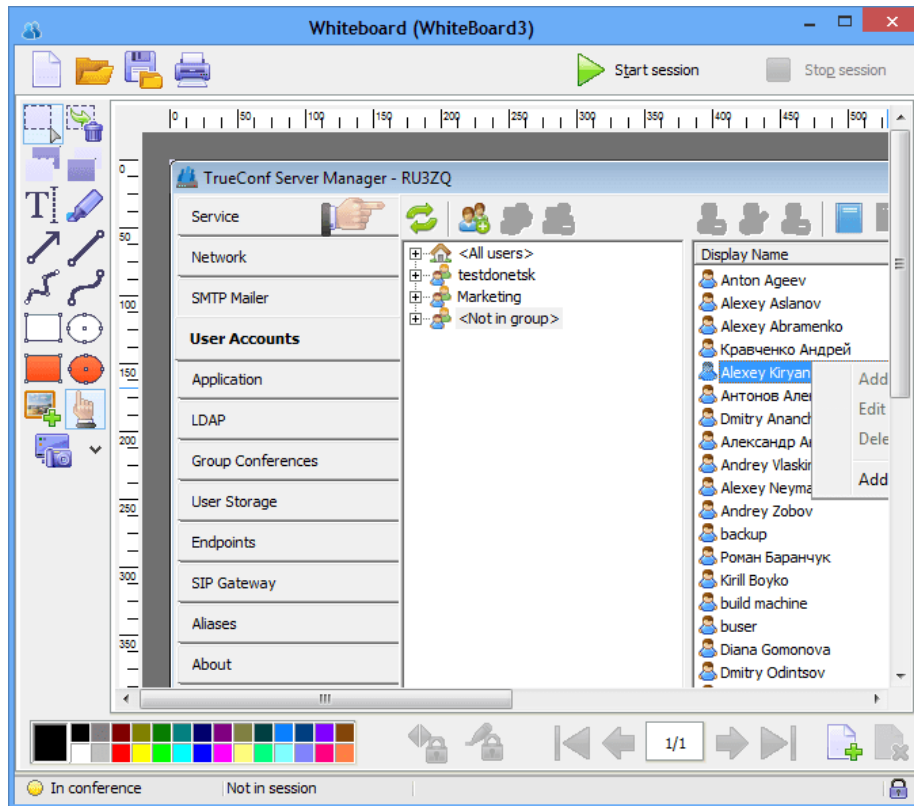
- Supports all image formats;
- Supports Microsoft® PowerPoint® format;
- All slides are encoded and streamed in a background mode;
- Slide show doesn't affect video conference performance;
- Save and reuse existing slide show sets;
- All data is secured using SSL.

Desktop Sharing



Desktop Sharing
Desktop Sharing with remote control allows to demonstrate current desktop in real time to your parties without using third-party software or additional hardware.

Whiteboard



Whiteboard at Video Conferencing

The Whiteboard feature allows the participants of a 1-on-1 video conference to draw, enter and edit text and graphic data in a separate window using special tools.

Scheduling

UB056 - Create New Group x

localhost:8888/admin/conferences/create/

Server status: **running, registered**

TrueConf **ub056.trueconf.name#vcs** System

Create New Group Conference

Conference parameters

Topic:

Owner: ▼

Type: ▼ In symmetric mode all participants see each other.

UDP Multicast: ☒

Multicast address:

Use this ID on client application to join the conference:

CID:

Schedule Invitations

Choose time and day when to invite participants

Time: Day of the week: ▼

Participants

Add conference participants 16/16

▼

Invite by ID

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[Need help?](#)



Recordings

Recordings

Recording settings

☒ Record all conferences

Path:

List of recorded conferences

To view recorder video you can use [VLC player](#) or any other video player that supports [WebM](#) codec.

Topic	Date	Size
000000c9	2013-12-16 15:15:33	0,00 MB

- Server can record video conferences
- Video calls are not recorded
- UDP Multicast conferences are not recorded
- Records are made by VP8 codec in AVI container
- Resolution is up to 720p
- Always symmetrical (CP) layout



Built-in SIP Gateway

Позвонить на телефон

Константин Смирнов
8926000000
+74956986066
+74991791115

temp
52345234523452345
234523452345234
5234523452345234523

+74956986066

<-

1

2 ABC

3 DEF

4 GHI

5 JKL

6 MNO

7 PQRS

8 TUV

9 WXYZ

*

0 +

#

 Позвонить



Адресная книга

 Добавить пользователя

Пользователи в сети

 Ivan Samoylov

 Ivan, Melechko

 Ануфриев, Сергей

 Ануфриев, Сергей

 **Готальский Михаил**

 Олег Кривоносов

 Станислав Солдатов

 Юлиан Кончунас

 Пользователи без группы

 Дмитрий Архипенко

 Информация о пользователе

TrueConf ID: mgotal@trueconf.com

Ник: Готальский Михаил

Имя: Michael

Фамилия: Gotalsky

Организация:

Телефоны

Мобильный +7 (495) 698-60-66

Рабочий #sip:123

Домашний



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VoIP & PBX Support

The screenshot shows a web browser window with the address bar displaying `localhost:8888/admin/network/sip/`. The page title is "UB056 - SIP Gateway". The TrueConf logo is in the top left, and the server identifier "ub056.trueconf.name#vcs" is in the top right. A "Server status: running, registered" indicator is also present. A left sidebar contains a navigation menu with categories: General, Network, Web, Users, Group Conferences, and Help. The "SIP Gateway" option under the Network section is selected. The main content area is titled "SIP Gateway" and contains two configuration panels: "VoIP Server" and "Default SIP Proxy". Each panel has fields for "Server:", "Login:", "Password:", and a "Registration:" dropdown menu set to "off". A "Save" button is located below these panels. A "Network settings" section below includes a checked checkbox for "Listen on all IP addresses" and a list of IP addresses and ports: "192.168.66.62:5060 (tcp)" and "192.168.66.62:5060 (udp)". A "Delete selected" button is at the bottom of this list. The footer contains a copyright notice for TrueConf Server v4.1.2 and a "Need help?" link.

UB056 - SIP Gateway

localhost:8888/admin/network/sip/

Server status: running, registered

TrueConf ub056.trueconf.name#vcs System

General
About
Settings
Network
Network Settings
SMTP
SIP Gateway
Web
Settings
Security
Users
User Accounts
Groups
Aliases
User Storage
Group Conferences
Scheduled
Recordings
Endpoints
Help

SIP Gateway

VoIP Server

Server:

Login:

Password:

Registration: off

Default SIP Proxy

Server:

Login:

Password:

Registration: off

Save

Network settings

☒ Listen on all IP addresses

192.168.66.62:5060 (tcp)

192.168.66.62:5060 (udp)

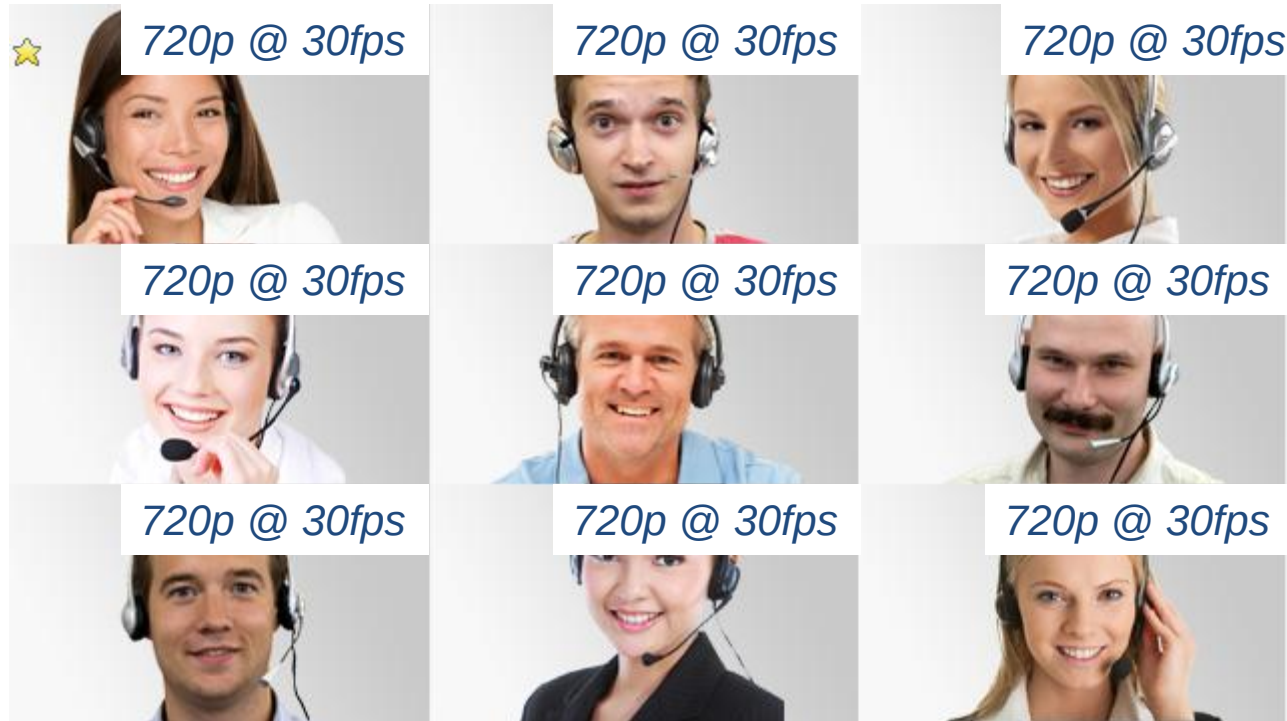
Delete selected

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Need help?



4K in CP Conferences



- For 9 people CP = 3840 x 2160
- For 16 people CP = 5120 x 2880



Thank you! 😊

