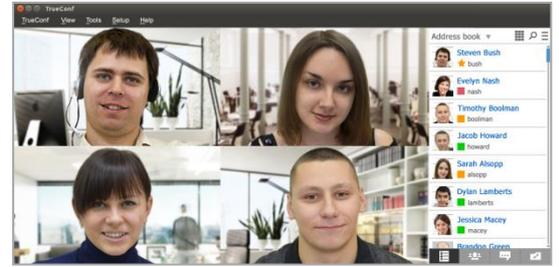




Installing and configuring TrueConf client application for Linux



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- [How to log in?](#)
- [How to configure the application?](#)

«TrueConf» Menu

- [«My profile» Section](#)
- [«Logout» Section](#)
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«Tools» Menu

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Installing client application

Once you have downloaded client application, you need to install it.

Graphical Installation

For installing TrueConf, we recommend using the graphical installer. The graphical installer can be invoked by (double) clicking the downloaded package. Depending on your distribution you will get different possibilities to install the package, e.g. **Open with Ubuntu Software Center**.

Debian, Ubuntu

How to Install It?

You will need to run a command using the administrator account to launch the downloaded package:

For the 32-bit package:

```
dpkg -i trueconf-client-i386.deb
```

For the 64-bit package:

```
dpkg -i trueconf-client-1.0.0.262-amd64.deb
```

To install missing dependencies, use the command:

```
apt-get -f install
```

TrueConf repository address is assigned automatically after the application installation.

Alternate installation

1. Create a file `/etc/apt/sources.list.d/trueconf.list` with the following line inside:

```
deb http://deb.trueconf.com/client/ stable non-free
```

2. Run the commands as an administrator:

```
curl http://deb.trueconf.com/client/packages.trueconf.key | apt-key add –  
apt-get update  
apt-get install trueconf
```

How to Update It?

After initial installation of the application in one of the suggested methods you will be notified about updates automatically.

CentOS, Fedora, OpenSUSE, ALT Linux

How to Install It?

You will need to run a command using the administrator account to launch the downloaded package:

For the 32-bit package:

CentOS, Fedora:

```
yum install trueconf-client-i386.rpm
```

OpenSuse:

```
zypper install trueconf-client-i386.rpm
```

Alt Linux:

```
apt-get install trueconf-client-i386.rpm
```

For the 64-bit package:

CentOS, Fedora:

```
yum install trueconf-client-amd64.rpm
```

OpenSuse:

```
zypper install trueconf-client-amd64.rpm
```

Alt Linux:

```
apt-get install trueconf-client-amd64.rpm
```

TrueConf repository address is assigned automatically after the application installation.

Alternate installation for CentOS and Fedora

1. Create a file `/etc/yum.repos.d/trueconf.repo` with the following content:

```
[trueconf]
name=TrueConf Repository
baseurl=http://rpm.trueconf.com/$basearch
enabled=1
gpgcheck=0
```

2. Run the command as an administrator:

```
yum install trueconf
```

How to Update It?

After initial installation of the application on CentOS and Fedora you will be notified about updates automatically. For other rpm systems it is necessary to install new distribution package over the existing version.

Arch, Manjaro

How to Install It?

Available only for 64-bit systems:

```
yum install trueconf
```

Alternate installation for Arch and Manjaro

You will need to run a command using the administrator account to launch the downloaded package.

Available only for 64-bit systems:

```
pacman -U trueconf-client-amd64.pkg.tar.xz
```

How to Update It?

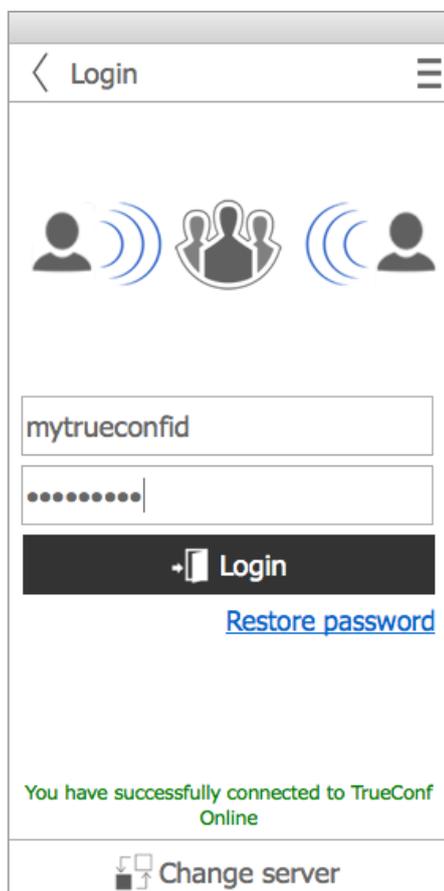
The distribution is installed on top of the current version.

How to log in to the client application

Once the application is started, log in by connecting to TrueConf Online or TrueConf Server. To do this go to **"TrueConf" > "Login"** in the menu.

Connecting to TrueConf Online

Enter your username and password in the appropriate fields and click **"Login"**. If you are not yet registered, click on **"Restore password"**:

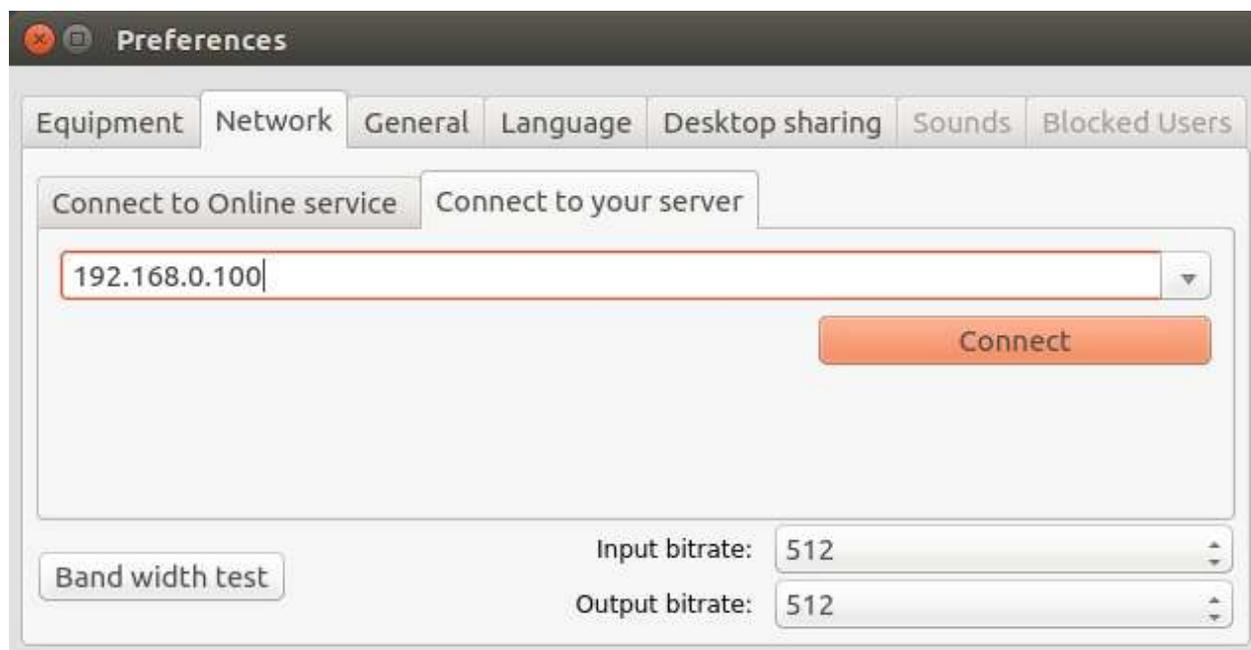


You can also log in the application using social networks - Facebook, Google+, Twitter, VK.com, Yandex and Mail.ru.

Connecting to TrueConf Server

To connect to TrueConf Server click "**Change server**".

Clicking on this button opens "**Network**" menu , where you need to indicate the address of your server and port - 4307. It should look like this: 192.168.0.100:4307. Then click "**Connect**":



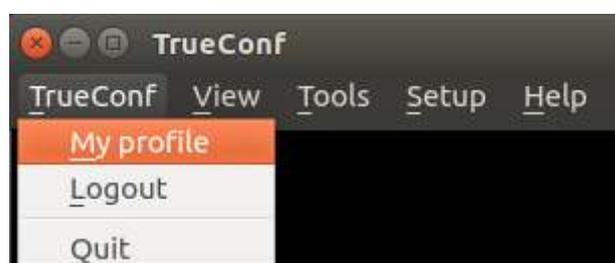
When the connection is established, you will see a window where you have to enter your login and password to your account on the server. You may get them from the administrator of your server.

If could not connect to the server after this, contact your system administrator (maybe the server was stopped) and check your connection to the Internet.

Configuring and using the application

After activating the application you will find a number of tabs in the application window that you can use to configure the application.

«TrueConf» Menu

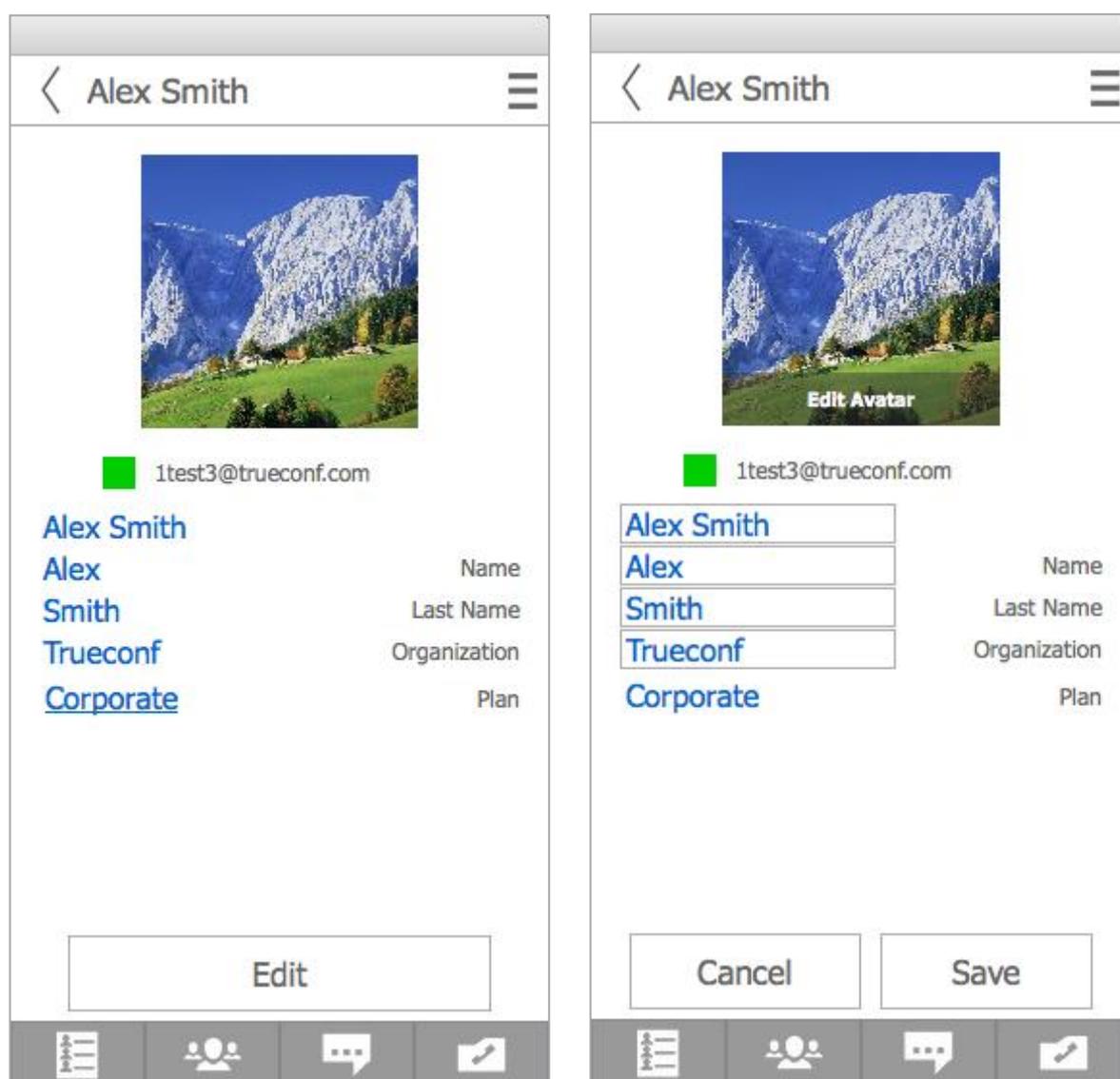


This menu allows you to:

- change your profile details;
- exit from the application.

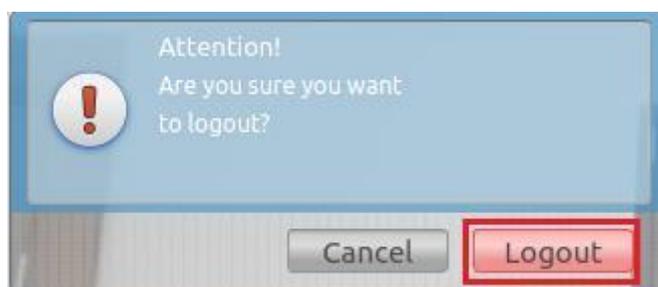
"My profile" Section

In this section, you can edit your profile: your first and last name, the name of the company for which you are working, your avatar. Click «Edit» to edit the profile, then click «Save» to save the changes:



"Logout" Section

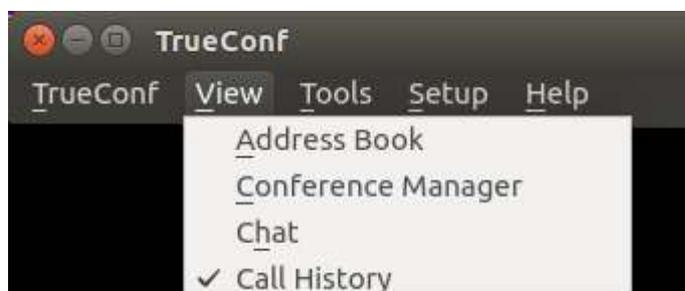
This option opens a window in which you need to confirm that you want to exit from the application. Logout by clicking on **"Logout"**:



"Quit" Section

To exit from the client application, click Quit.

«View» Menu



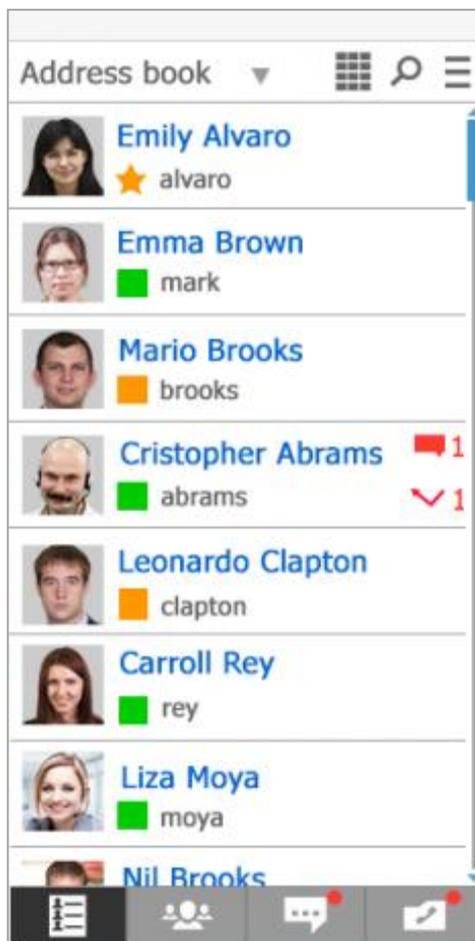
In this tab you can:

- go to the Address Book;
- to control a group conference;
- go to Chat;
- see Call history.

«Address Book» Section

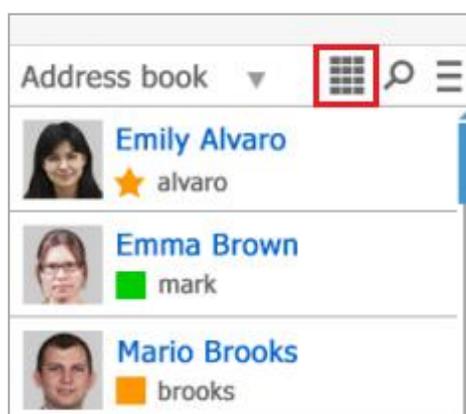
This menu leads you to the Address book with the list of the users. To make a call to one of the users, make a left double-click on his name.

If a user calls you or sends you a message during the conference, you will see the notification signs opposite to this user in the Address Book (also red circles will be displayed at the bottom bar next to the chat and call history icons in the Address Book):



«Dialer» Menu

To make calls to mobiles and landlines, use the «Dialer» menu located in the upper right corner of your Address Book:



After your clicking the dialer, a menu with a list of subscribers will open; you can call them (if they specified their phone numbers when creating a profile). If want to call a user who is not in your address book, dial his number on the numpad and click «Call». Dialing will start:



«Search» Menu

Use the «Search» menu to quickly find the necessary subscriber from your address book. The search mechanism will find the necessary user even if you enter the first three letters of the TrueConf ID / user's name:



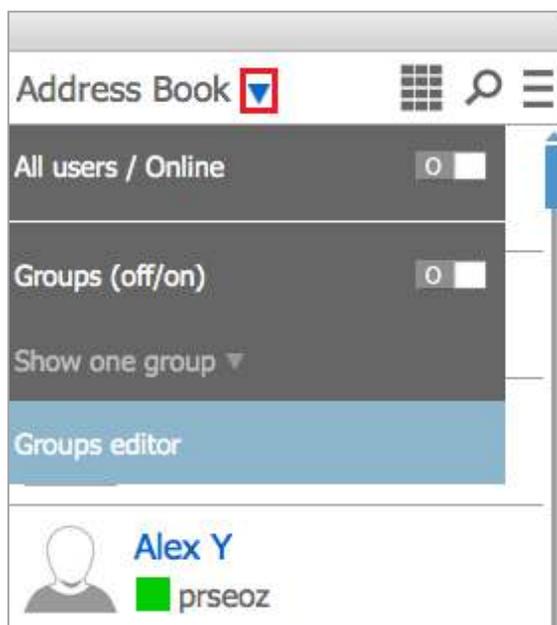
If the user has been found, you can call him, write a message or view his details from the search menu.

«User Groups» Menu

It is convenient to divide the users in your address book into groups. For example, employees from various departments can be placed into a single category. There may be several groups, e.g. «Marketing», «Sales», «Accounting» etc.

*** You cannot invite the whole groups to the conference, but it is a convenient way to interact when they are divided into such categories.**

To open the «Groups» menu, click the arrow in your address book:



In this menu you can choose:

- display of all / online users in the Address Book;
- display / absence of of user groups in the Address Book;
- display of only one user group in the Address Book;
- editing / creating a group.

To create a new user group or edit an existing one, select «Groups editor». You will enter this menu:



To create a new group, click «Create group», and to edit an already existing group, right-click the group. Thus you activate the edit button:



The edit buttons allow to (from left to right):

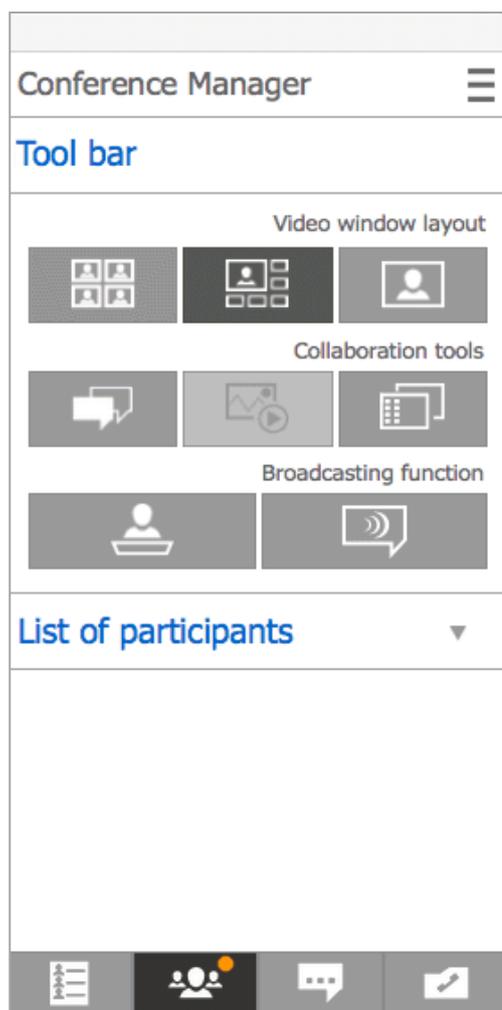
- change the name of a group;
- add / delete participants;
- delete a group.

Section «Conference Manager»

This section is only available to users during a conference.

This menu allows you to:

- change the video layout (three types of layouts available);
- use collaboration tools (chat, slide show and desktop sharing);
- take a podium and make an audio remark (only available in role conferences, section «Broadcasting function»):



The names of the participants of the current conference will be displayed in the section «List of participants».

Tool bar

Section «Video window layout»

You can change the video layout during a group conference. All types of layouts are presented in the section “Video window layout” on the Toolbar:



— the selected user is displayed in full screen, all other participants are hidden;



— enlarged window of the selected user, while all other windows remain untouched;



— all windows are of the same size.

Section «Collaboration tools»

By pressing the collaboration tools buttons, you will call up Chat, Slide Show or Screen Sharing.

Instant Messaging

To exchange text messages during a conference, click the chat icon  (chat is also available from the menu «View»). In the opened window, select a user you would like to write a message to (online subscribers are listed first in the Address Book):



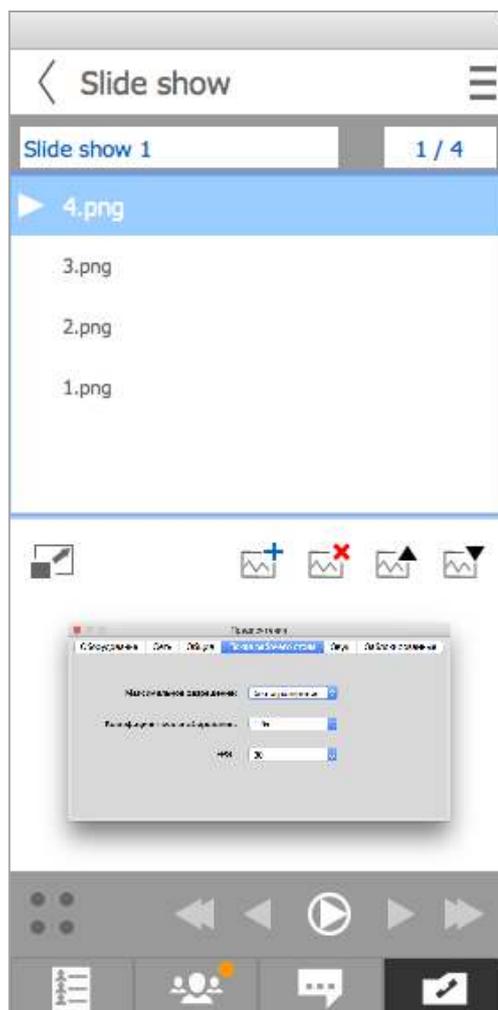
Right-click the name of the participant you would to write to. You will see a chat icon to the left of his name, click the icon and start typing a message:



Chat is also available from the bottom menu of the Address Book.

Slide Show

To start a slide show during a conference, click the Slide Show button on the Tool bar  (Slide Show is also available from the «Tools» menu). Clicking the button will open a window with control buttons for slide shows:



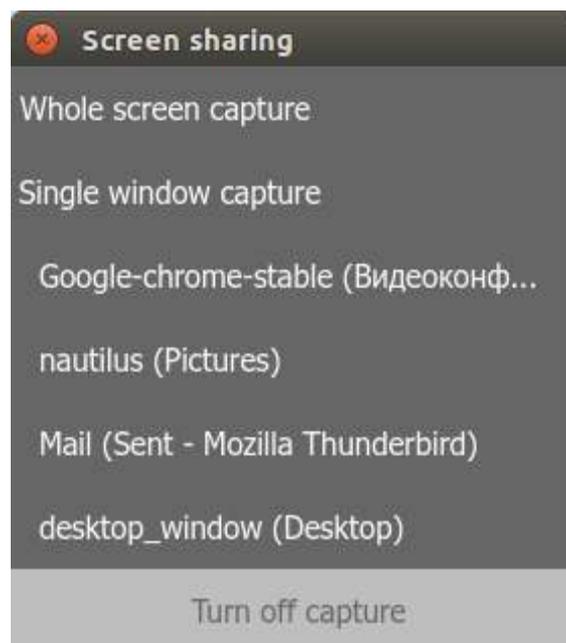
-  - zoom in/zoom out a slide;
-  - add/delete/shuffle slides;
-  - switch a slide.

Screen sharing

To start a desktop sharing session during a video conference, click the icon on the Toolbar  (desktop sharing tool is also available from the menu «Tools»). A menu will open:

- **Whole screen capture** is a tool for sharing the entire screen of your PC.
- **Single window capture** is the ability to share a particular application window (e.g. Adobe Photoshop);
- **Turn off capture** stops the sharing session.

During a desktop sharing session, a notification sign (a red circle) will be displayed to the right of the "Desktop Sharing" icon on the Toolbar in the «Conference Manager» menu.



*** Notification signs will be always displayed next to the Chat, Slide Show and Screen Sharing icons on the Toolbar during a Slide Show or a Desktop Sharing session, or if a new text message has been received.**

«Broadcasting function» Section

This section is only displayed during a role conference (virtual meeting) and is unavailable in other video conferencing modes.

Capabilities:



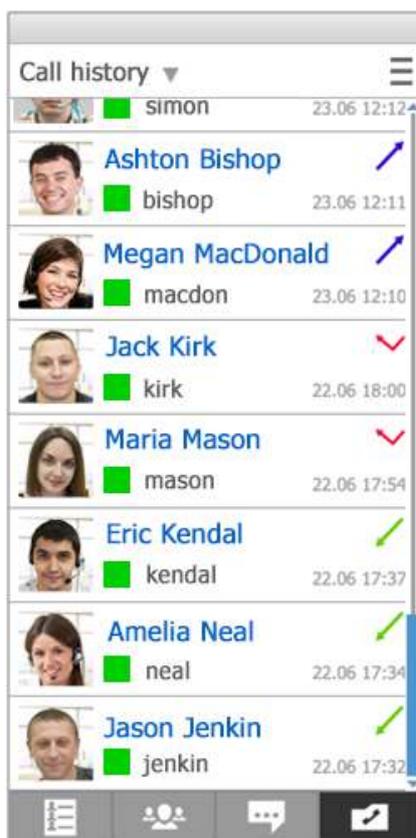
- by clicking this button, you will send a request to take a podium. During your speaking, this icon will be crossed-out . Press the icon to leave the podium.



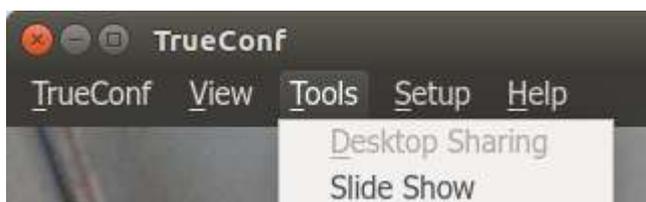
- audio remark (3 seconds long voice message during a conference). Click this icon and say a phrase which will be heard by all participants.

«Call History» Section

Arrows located to the right of the user's name may be of different color depending on the call type (lilac for an outgoing call, green for incoming one and red for a missed call):



«Tools» Menu

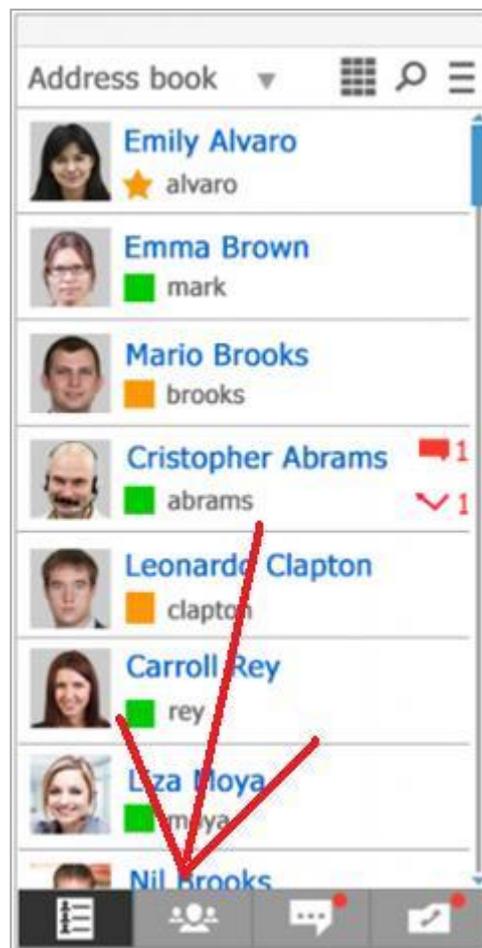


From this section you can:

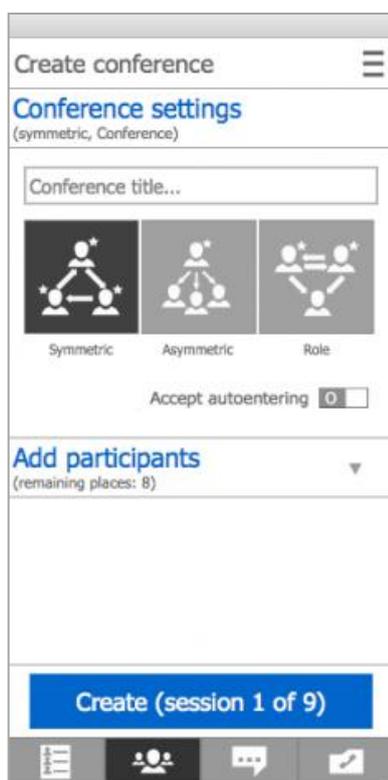
- [desktop sharing;](#)
- [slide show.](#)

How to Create a Multipoint Video Conference?

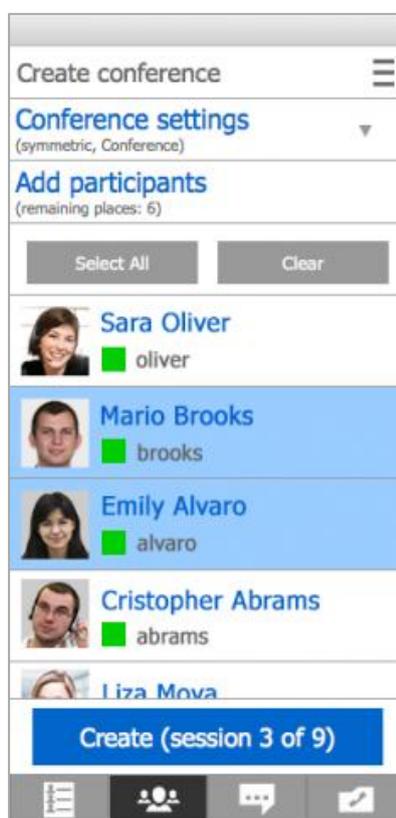
To create a group conference, sign in to the client application and click the conference icon (at the bottom of the Address book):



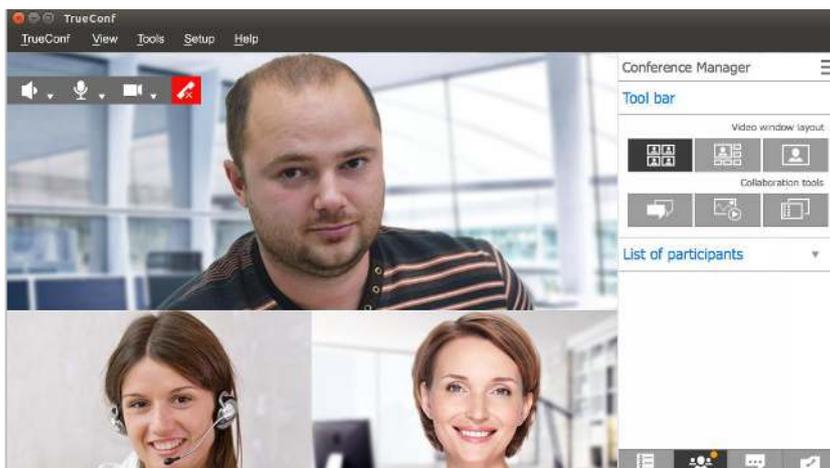
Clicking this button opens a window where you can choose the type of a conference. In this case we should choose – **symmetric, asymmetric, role:**



The Address book will open. Select from the list of online users those you want to invite to the conference. To this, click once on the name of the necessary user. The selected users will become highlighted in blue. After selecting all participants, click **“Create”** to start a video conference:

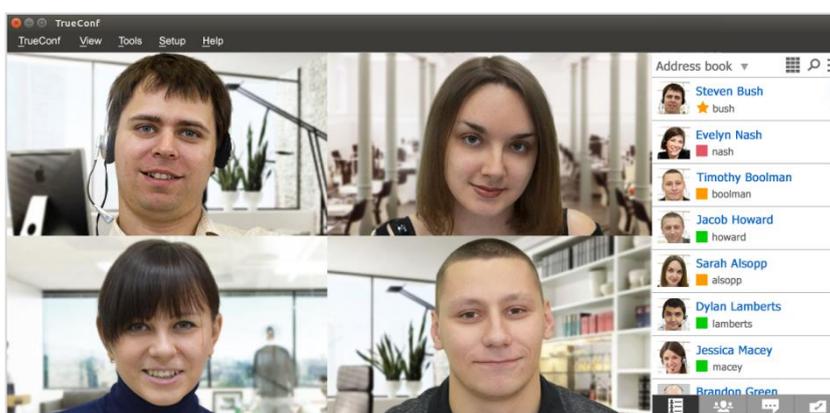


Types of group conferences



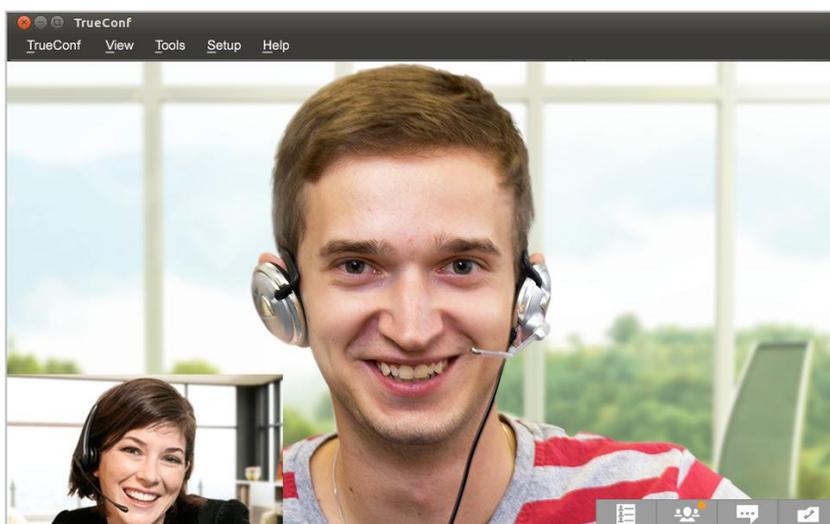
Symmetric

- ✓ up to 25 participants;
- ✓ all can hear and see each other.



Role-Based (Virtual Meeting)

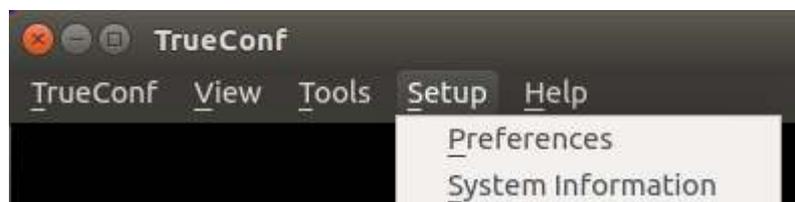
- ✓ up to 250 participants;
- ✓ 4 speakers;
- ✓ audio replies, switching roles.



Asymmetric

- ✓ up to 25 participants;
- ✓ 1 speaker.

«Setup» Menu



This menu allows to:

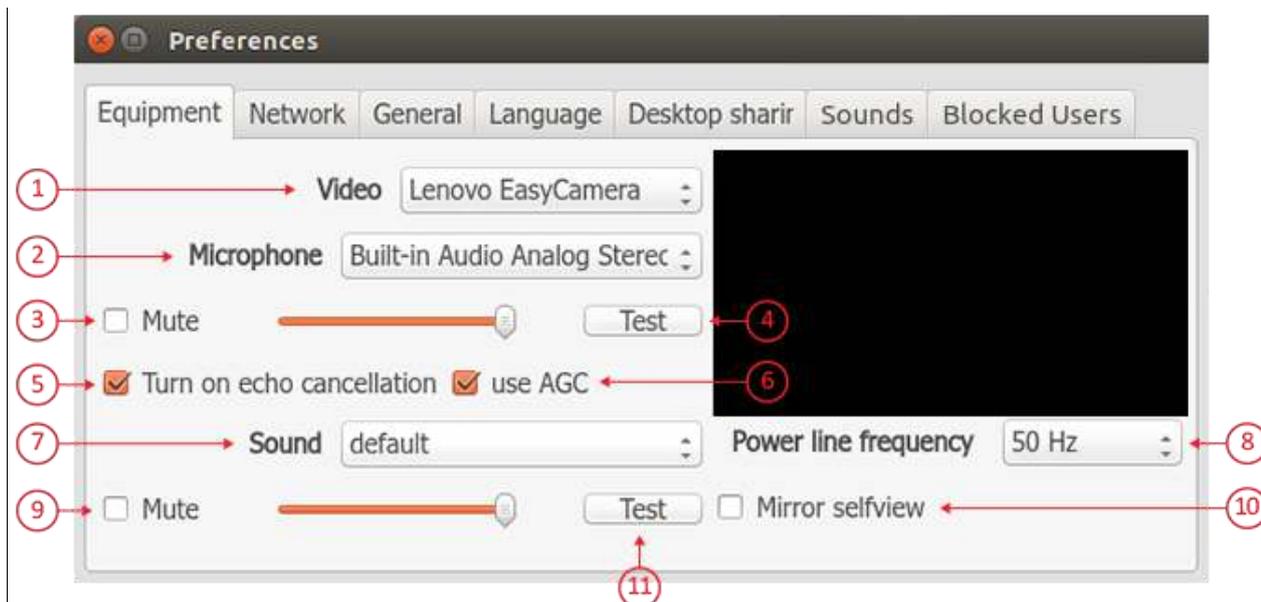
- configure the preferences:
 - select and test equipment;
 - configure the application settings;
 - configure the application settings;
 - set sound notifications;
 - block users.
- see the information about the sender and recipient.

«Preferences» Section

Here you can configure your equipment, network and sound.

“Equipment” Tab

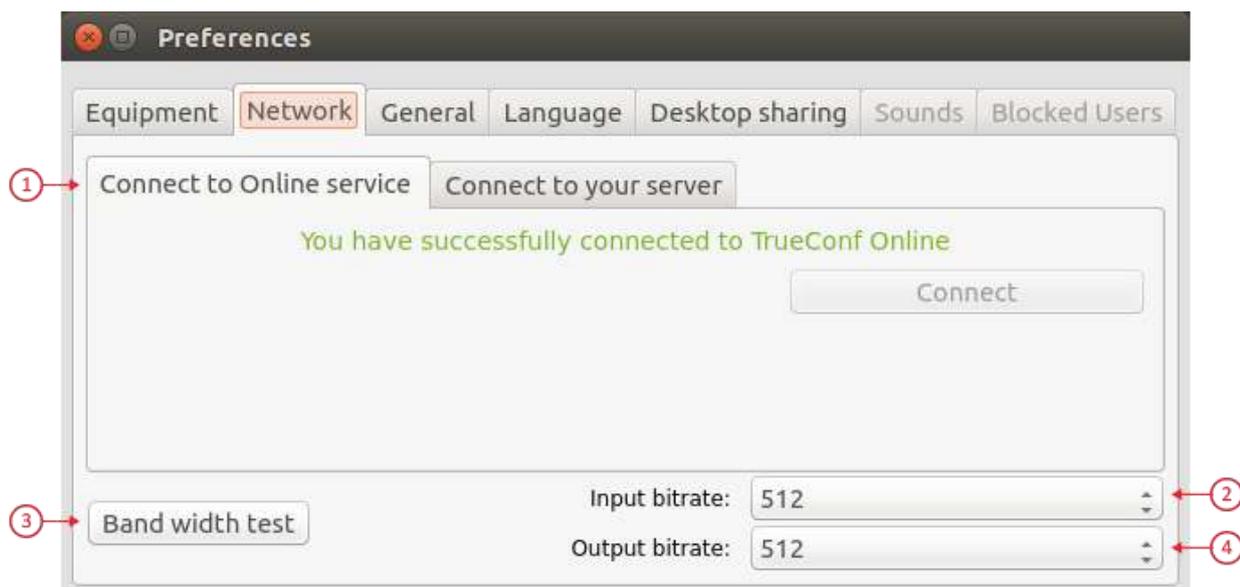
This section allows to configure hardware equipment (cameras and microphone), as well as sound. For the application to work properly you need to test the equipment:



- 1 - video settings and selecting a camera;
- 2 - microphone settings;
- 3 - mute microphone;
- 4 - microphone and camera testing;
- 5 - echo cancelling;
- 6 - using automatic gain control;
- 7 - sound settings;
- 8 - camera refresh rate settings. It is used to stop image flickering;
- 9 - mute sound;
- 10 - self-image mirroring;
- 11 - testing sounds.

“Network” Tab

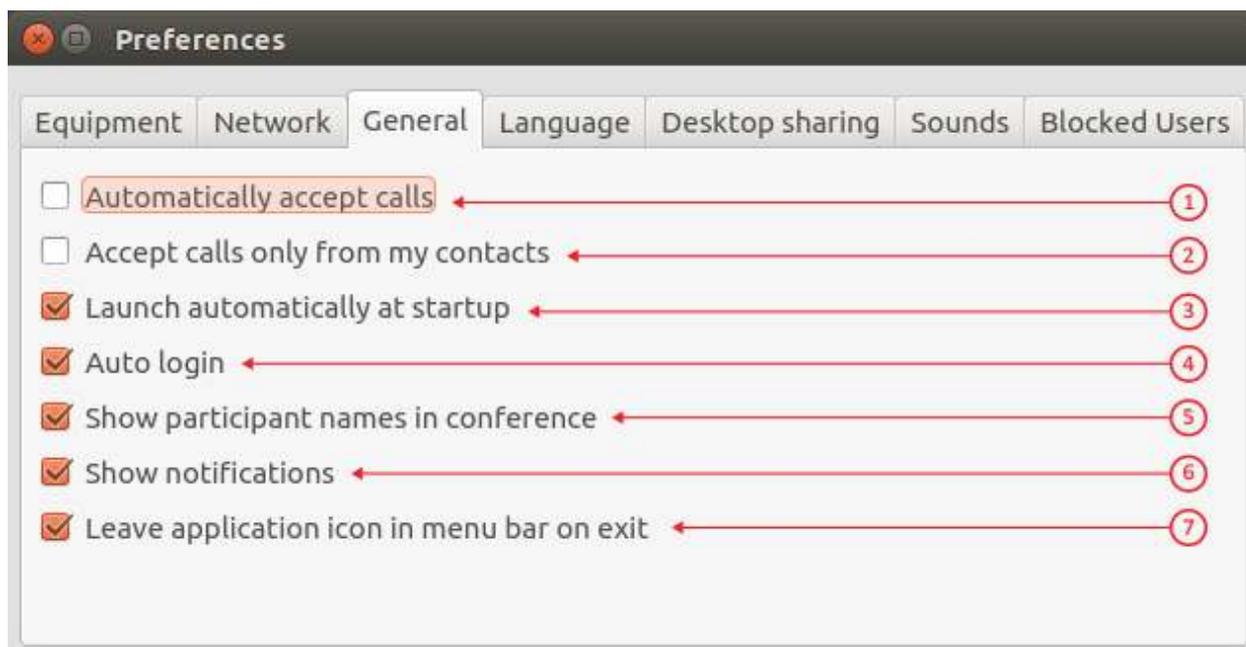
In ***“Network”*** tab you can connect to TrueConf Online (by choosing ***“Connect to Online service”***) or to TrueConf Server (***“Connect to your server”***):



- 1 - connecting to TrueConf Online or TrueConf Server;
- 2 - incoming bitrate;
- 3 - outgoing bitrate.

“General” Tab

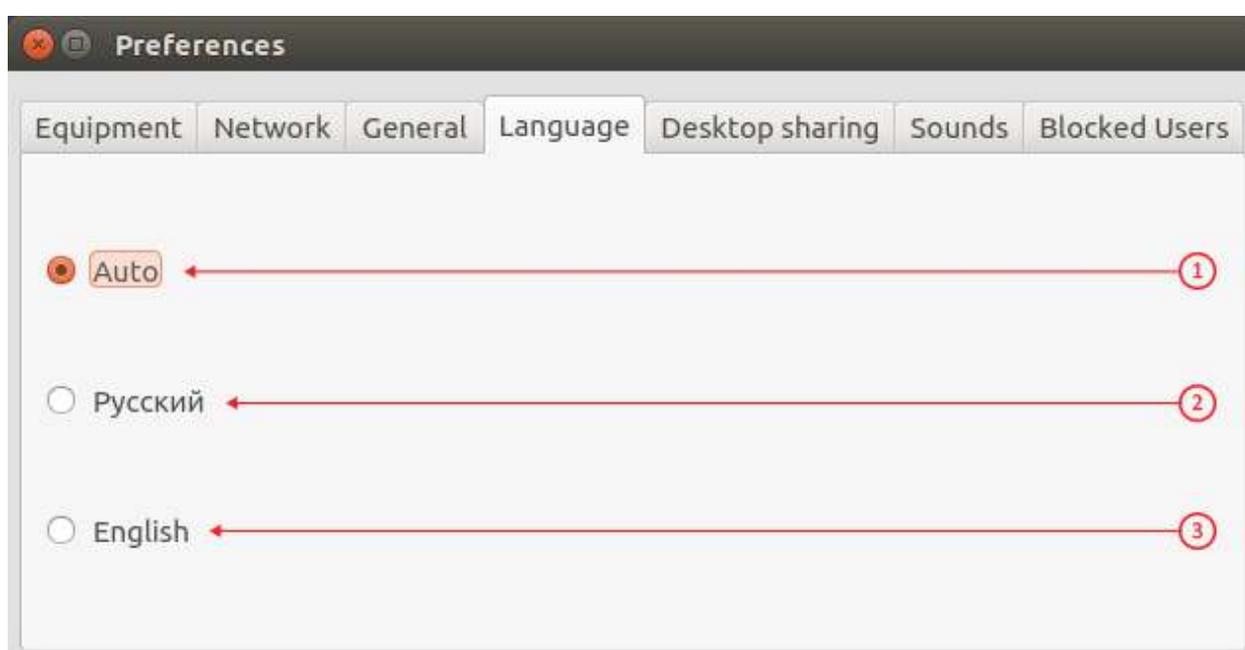
In this menu you can configure the application settings:



- 1 - automatically accept calls;
- 2 - accept calls only from your contacts;
- 3 - automatically launch the application at startup;
- 4 - automatically log in;
- 5 - show names of the participants in the conference;
- 6 - show notifications;
- 7 - leave application icon in the system tray.

“Language” Tab

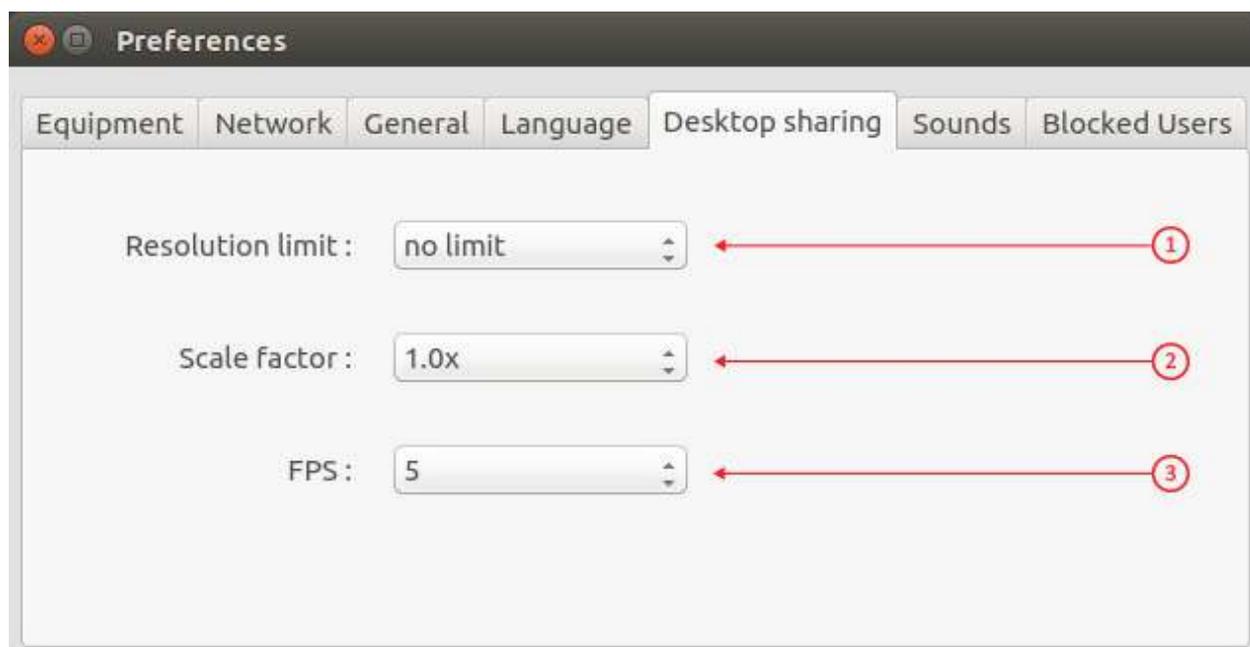
Here you can select the language of the client application:



- 1- automatic language selection;
- 2- russian;
- 3- english.

“Desktop sharing” Tab

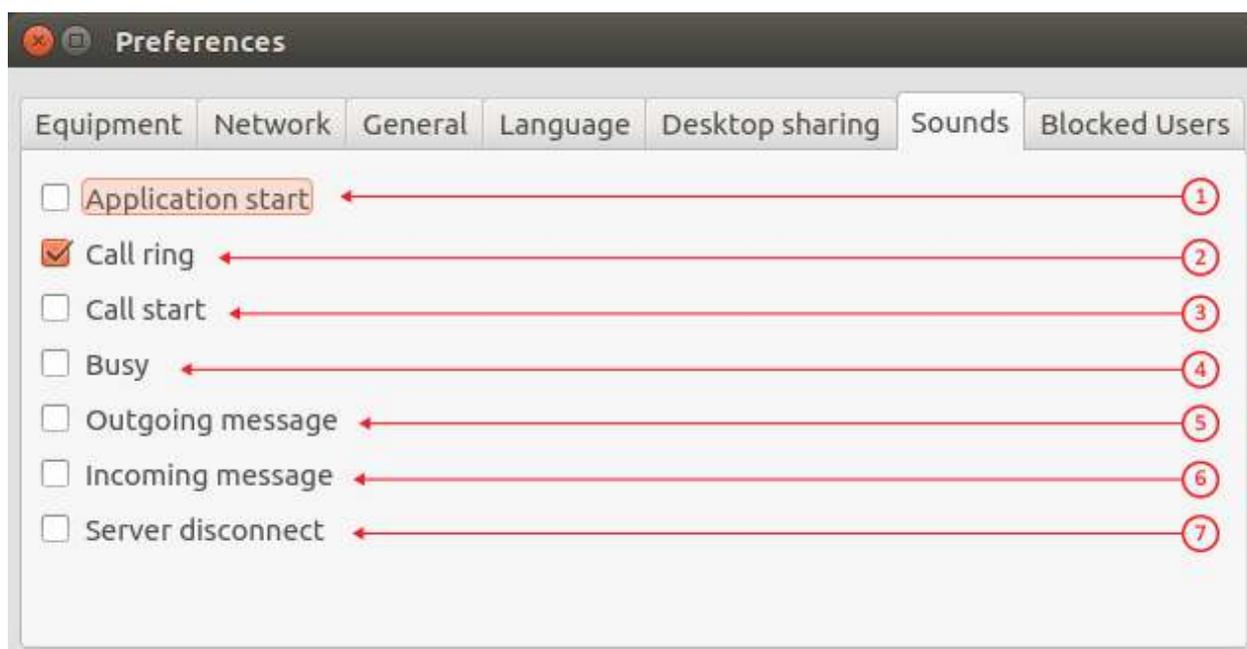
Here you can change settings of the desktop sharing feature:



- 1 - resolution: 640x480, 1280x720, 1920x1080;
- 2 - quality of the transmitted image: 1.0x, 0.5x, 0.25x;
- 3 - frames per second: от 0.5 до 30.

“Sounds” Tab

In this menu you can change sound notification settings. Check the boxes of the notifications you wish to activate:



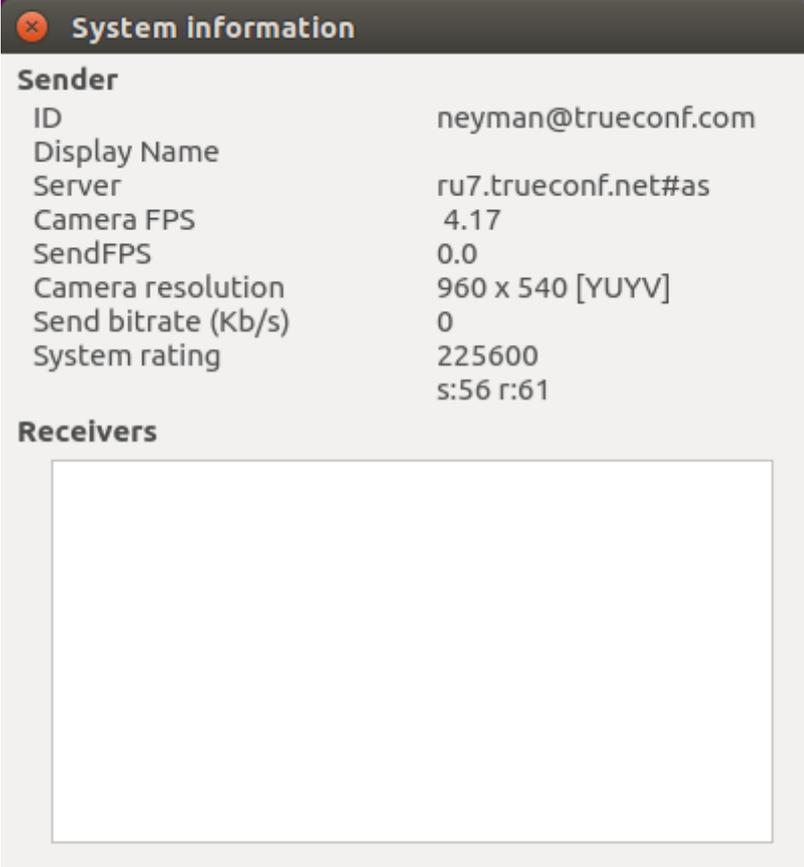
- 1 - application start;
- 2- calling signal;
- 3 - call start;
- 4 - busy;
- 5 - outgoing message;
- 6 - incoming message;
- 7 - no connection to the server.

“Blocked Users” Tab

This tab lists all the blocked users. You can unblock users you blocked before by selecting the corresponding option from the right-click menu.

«System Information» Section

Here you can see system information about the “**Sender**” and “**Receivers**”:



The screenshot shows a window titled "System information" with a close button. It is divided into two sections: "Sender" and "Receivers".

Sender	
ID	neyman@trueconf.com
Display Name	
Server	ru7.trueconf.net#as
Camera FPS	4.17
SendFPS	0.0
Camera resolution	960 x 540 [YUYV]
Send bitrate (Kb/s)	0
System rating	225600
	s:56 r:61

Receivers