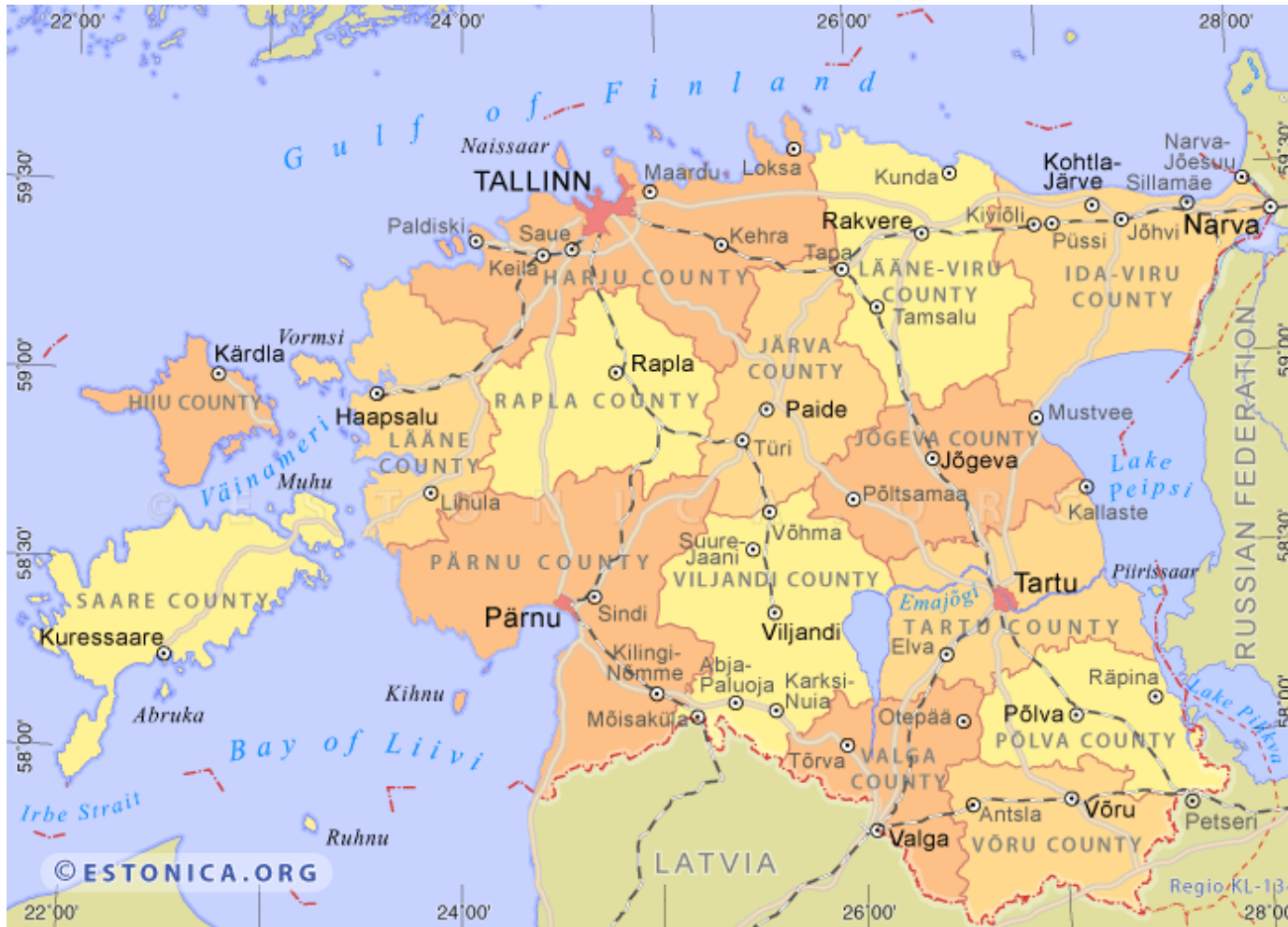


| city | address | users/ authority | equipment location | vc equipment | type | dial to hostname | IP address ISDN address | phone (+372) | fax (+372) |
|--------------|------------------|-------------------------------------------------------------|--------------------|-------------------|----------|---------------------|-------------------------------|-----------------|---------------|
| Tallinn | Liivalaia 24 | Harju Maakohus | courtroom | Tandberg 2500 | MCU | tallinn1.just.ee | 213.184.53.66 003726446490 | 6200442 | 6200000 |
| Tartu | Kalevi 1 | Tartu Maakohus Tartu Halduskohus Tartu Ringkonnakohus | courtroom | Tandberg 3000 MXP | MCU | tartu1.just.ee | 213.184.53.74 003727500783 | 7500774 | 7500611 |
| Kohtla-Järve | Järveküla tee 30 | Viru Maakohus | courtroom | Tandberg 3000 MXP | MCU | kjarve1.just.ee | 213.184.53.78 | 3364004 | 3364001 |
| Pärnu | Kuninga 22 | Pärnu Maakohus | courtroom | Tandberg 3000 MXP | MCU | parnu1.just.ee | 213.184.53.82 | 4479597 | 4479590 |
| Tallinn | Pärnu mnt 7 | Tallinna Halduskohus Tallinna Ringkonnakohus | courtroom | VCON HD 3000 | MCU | tallinn2.just.ee | 213.184.53.98 | none | 6282790 |
| Rummu | Haapsalu mnt 11 | Murru Vangla | meeting room | Tandberg 770 | endpoint | murru1.just.ee | 213.184.53.70 | 6729239 | 6729238 |
| Tartu | Turu 56 | Tartu Vangla | meeting room | Tandberg 770 MXP | endpoint | tartu2.just.ee | 213.184.53.86 | 7500839 | 7500812 |
| Jõhvi | Ülesõidu 1 | Viru Vangla | meeting room | Tandberg 550 MXP | endpoint | johvi1.just.ee | 213.184.53.90 | 6637946 | 6637803 |
| Tallinn | Magasini 35 | Tallinna Vangla | meeting room | Tandberg 550 MXP | endpoint | tallinn3.just.ee | 213.184.53.94 | 6127615 | 6127615 |
| Kohtla-Järve | Järveküla tee 69 | Viru Ringkonnaprokuratuur | meeting room | Polycom PVX 8.0.4 | desktop* | kjarve2.just.ee | 10.1.20.44 | none | 3342110 |
| Narva | Koidula 3a | Viru Ringkonnaprokuratuur | work room | Polycom PVX 8.0.4 | desktop | narva1.just.ee | 10.1.22.44 | none | 3592147 |
| Rakvere | Tallinna 28 | Viru Ringkonnaprokuratuur | work room | Polycom PVX 8.0.4 | desktop | rakvere1.just.ee | 10.1.51.44 | none | 3223570 |
| Tallinn | Lökke 4 | RIK / Centre of Registers and Information Systems | auditorium | Polycom PVX 8.0.4 | desktop | tallinn4.just.ee | 10.1.0.44 | none | 6460165 |
| Tallinn | Tõnismäe 5a | Justiitsministeerium / Ministry of Justice | meeting room | Polycom PVX 8.0.4 | desktop | tallinn5.just.ee | 10.1.14.44 | none | 6803109 |
| Tartu | Lossi 19 | Riigikohus / Supreme Court | conference room | Tandberg ... | endpoint | video.riigikohus.ee | 193.40.27.37 | 5174719 | 7309003 |

Maakohus – county court; *Halduskohus* – administrative court; *Ringkonnakohus* – district court; *Vangla* – prison; *Ringkonnaprokuratuur* – district prosecutor's office

* desktops and multi connection units (MCU) with IP addresses 10.1.XX.XX enable only calling out, but not answering outside Estonian judicial authorities WAN incoming calls

Map of administrative divisions of Estonia and judicial authorities jurisdiction regional division



**HARJU COUNTY COURT/
PÕHJA DISTRICT PROSECUTOR'S OFFICE**
Harju County, incl Tallinn

**PÄRNU COUNTY COURT /
LÄÄNE DISTRICT PROSECUTOR'S OFFICE**
Hiiumaa County
Saare County
Lääne County
Rapla County
Järva County
Pärnu County

= work area of
**TALLINN ADMINISTRATIVE COURT
TALLINN DISTRICT COURT (2nd instance)**

**VIRU COUNTY COURT/
IDA DISTRICT PROSECUTOR'S OFFICE**
Lääne-Viru County
Ida-Viru County

**TARTU COUNTY COURT/
LÕUNA DISTRICT PROSECUTOR'S OFFICE**
Jõgeva County
Tartu County
Viljandi County
Valga County
Põlva County
Võru County

= work area of
**TARTU ADMINISTRATIVE COURT
TARTU DISTRICT COURT (2nd instance)**

SUPREME COURT (3rd instance) in Tartu

INFORMATION FOR VIDEOCONFERENCING WITH ESTONIAN JUDICIAL AUTHORITIES
JANUARY 2010

CONTACT POINT

In Estonia, the organisation of international judicial cooperation has been placed within the competence of the Ministry of Justice. Therefore all legal assistance applications to interrogate parties over videoconference should be addressed to...

Ministry of Justice, International Judicial Cooperation Division
Ms Astrid Laurendt-Hanioja, Head of the Unit
Tõnismägi 5a, 15191 Tallinn
phone : +372 6208 190
fax : +372 6208 109
e-mail : central.authority@just.ee
website: www.kohus.ee/6909

International communication within European Union in civil and criminal matters is regulated by EU legislation, conventions and legal assistance agreements. Estonia has also signed separately transnational judicial cooperation treaties on mutual legal assistance with Finland, Russia, Ukraine, Latvia, Lithuania, Poland and United States of America. See further: www.kohus.ee/6909

Estonian Ministry of Justice participates in the work of the Council of European Union Working Party on the European Judicial Network, Working Party on Legal Data Processing (E-Justice) and several other Council of European Union working groups.

EXPERIENCE

We use videoconferencing

- 1) **in criminal proceedings** for internees' distant hearing by judge, foremost in trying convicts preliminary dismissal applications. Proceeded ~5000 cases from 2005 to 2009, in 2008 ~1500.
- 2) **within the framework of international legal assistance** for interrogating abroad situating witness or victims. Proceeded over 50 cases from 2005 to 2009. We have practised videoconference with Finnish, Swedish, Latvian, Russian, Polish, German and United States law enforcement agencies.
- 3) **in administrative court proceedings** for interrogating internees in petition cases against prison administration and in illegal immigration cases. Proceeded ~100 cases from 2008 to 2009.
- 4) for lectures broadcasting by Supreme Court within court personnel trainings since 2006

FUTURE DEVELOPMENTS

- Create additional connection points in courts and police arrest houses to start interrogating in pre-trial detention held arrestants by judges in pre-trial proceedings over video conference. Will be legalized in criminal procedure within 2010/2011.
- Create video conference possibilities in justice agencies for management and training purposes, incl. video conference server emption for that.
- Create video streaming possibilities to internet for broadcasting court hearings of public interest
- Additional video conference opportunities should predispose judges to specialise within their work district as they can involve parties over video conference and also allow prosecutors, attorneys, experts and other parties to attend hearings from different location over video conference.
- Promote simultaneous interpretation within videoconferencing.
- Examine the possibilities to communicate with courts ITU based video conference equipment with popular freeware communication products such as Skype and others.
- Examine the feasibility to provide video conference meeting service for convicts relatives

LEGISLATION

According to Estonian legislation „long-distance hearings“ in the form of video conference are allowed in criminal procedure since 01.07.2004 and „procedural conferences“ in civil and administrative court procedure since 01.01.2006.

INFORMATION FOR VIDEOCONFERENCING WITH ESTONIAN JUDICIAL AUTHORITIES
JANUARY 2010

Code of Criminal Procedure - *entered into force 1 July 2004*

§ 69. Long-distance hearing

(1) A body conducting the proceedings may organise long-distance hearing of a witness if the direct hearing of the witness is complicated or involves excessive costs or if it is necessary to protect the witness or the victim.

(2) For the purposes of this Code, "long-distance hearing" means hearing:

1) by means of a technical solution as a result of which the participants in the proceeding, see and hear the witness giving testimony outside the investigative body, Prosecutor's Office or court directly via live coverage and may question the witness through the person conducting the proceedings;

2) by telephone, as a result of which the participants in the proceeding directly hear the witness giving testimony outside the investigative body or court and may question the witness through the person conducting the proceedings.

(3) Long-distance hearing by telephone is permitted only with the consent of the person to be heard and the suspect or accused. The consent of the suspect or accused is unnecessary for the long-distance hearing of anonymous witnesses by telephone.

(19.05.2004 entered into force 01.07.2004 - RT I 2004, 46, 329)

(4) The minutes of a long-distance hearing shall contain a notation that the witness has been warned against refusal to give testimony without a legal basis and giving knowingly false testimony.

(19.05.2004 entered into force 01.07.2004 - RT I 2004, 46, 329)

(5) The provisions of § 468 apply to the hearing of witnesses staying in a foreign state.

(6) The Minister of Justice may establish more specific requirements for organising long-distance hearing.

§ 269. Participation of accused in court hearing

(2) As an exception, a criminal matter may be heard in the absence of the accused if:

2) he or she is outside the territory of the Republic of Estonia and absconds court proceedings, and court hearing is possible without the him or her;

4) it is complicated to take him or her to the court, and he or she has consented to participation in the court hearing in audio-visual form pursuant to clause 69 (2) 1) of this Code.

§ 468. Hearing of person staying in foreign state by telephone or video-conference

(1) A person staying in a foreign state may be requested to be heard by telephone or video-conference on the bases provided for in subsection 69 (1) of this Code. The request shall set out the reasons for hearing the person by telephone or video-conference, the name of the person to be heard and his or her status in the proceeding, and the official title and name of the person conducting the hearing.

(2) If hearing by video-conference is requested, the request shall contain the assurance that the suspect or accused to be heard consents to the hearing by video-conference.

(3) If hearing by telephone is requested, the request shall contain the assurance that the witness or expert to be heard consents to the hearing by telephone.

(4) Hearing of a suspect or accused by telephone is not permitted.

(5) Hearings by telephone or video-conference shall be conducted directly by, and under the direction of, a representative of the competent judicial authority of the requesting state pursuant to the procedural law of such state. Summonses to hearings by telephone or video-conference shall be served pursuant to the procedural law of the requested state. The person to be heard may refuse to give statements also on the basis of the procedural law of the requested state.

(6) The competent judicial authority of a requested state which holds a hearing by telephone or video-conference shall:

1) determine and give notification of the time of the hearing;

2) ensure that the person to be heard be summoned to and appear at the hearing;

3) be responsible for the identification of the person to be heard;

INFORMATION FOR VIDEOCONFERENCING WITH ESTONIAN JUDICIAL AUTHORITIES
JANUARY 2010

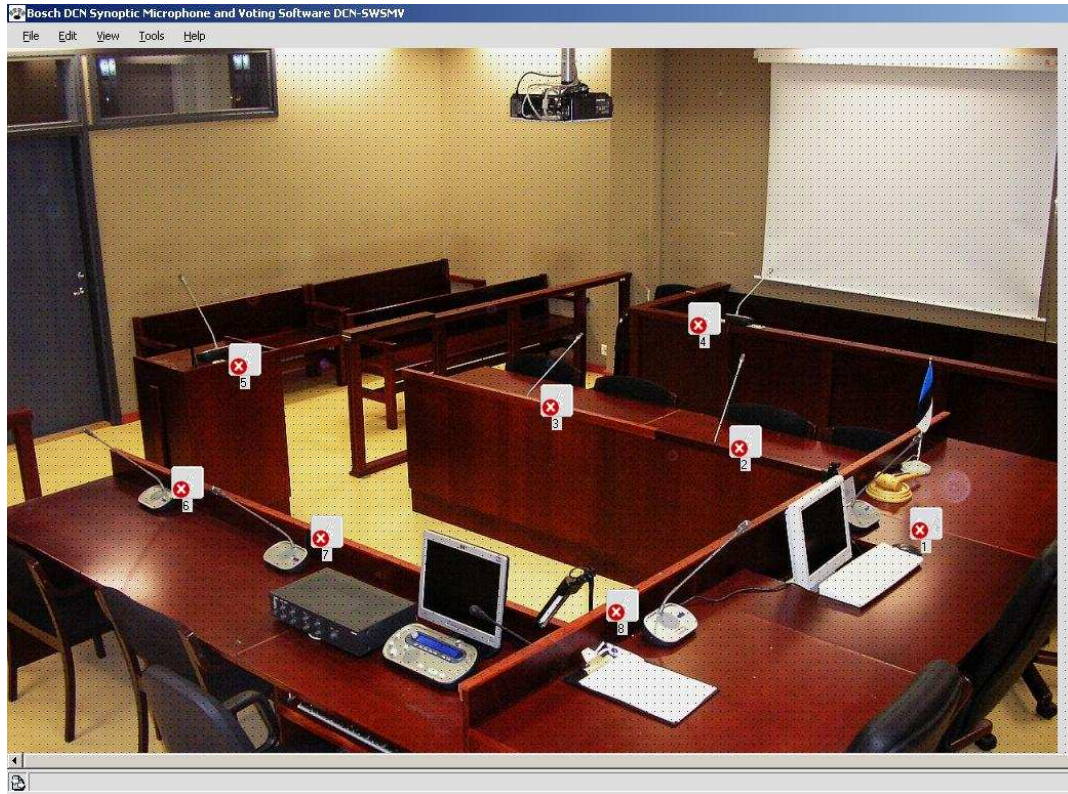
- 4) be responsible for compliance with laws of the state of the authority;
- 5) ensure participation of an interpreter if necessary.
- (7) A hearing by telephone or video-conference shall be recorded by the competent judicial authority of the requesting state but may additionally be recorded by the competent judicial authority of the requested state.
- (8) The minutes of a hearing by video-conference shall be taken by the competent judicial authority of the requested state. The minutes of a hearing by telephone shall be taken by the competent judicial authority of the requesting state.
- (9) The minutes of a hearing by telephone or video-conference shall set out:
 - 1) the time and place of the hearing;
 - 2) the form in which the hearing was conducted and the names of the technical devices used;
 - 3) a reference to the request for legal assistance which is the basis for the hearing;
 - 4) the names of the representatives of the competent judicial authorities of the requesting state and requested state participating in the hearing;
 - 5) the status in the proceeding of the person heard and his or her name, personal identification code or, in the absence thereof, date of birth, residence or seat, address and telecommunications numbers or e-mail address;
(19.05.2004 entered into force 01.07.2004 - RT I 2004, 46, 329)
 - 6) a notation concerning explanation of the rights of the person heard to him or her;
 - 7) assurance from the person heard that he or she has been warned about the liability for refusal to give statements and for giving knowingly false statements, or that he or she has taken an oath concerning the statements if the procedural law prescribes such obligation.

Code of Civil Procedure - *entered into force 1 January 2006.*

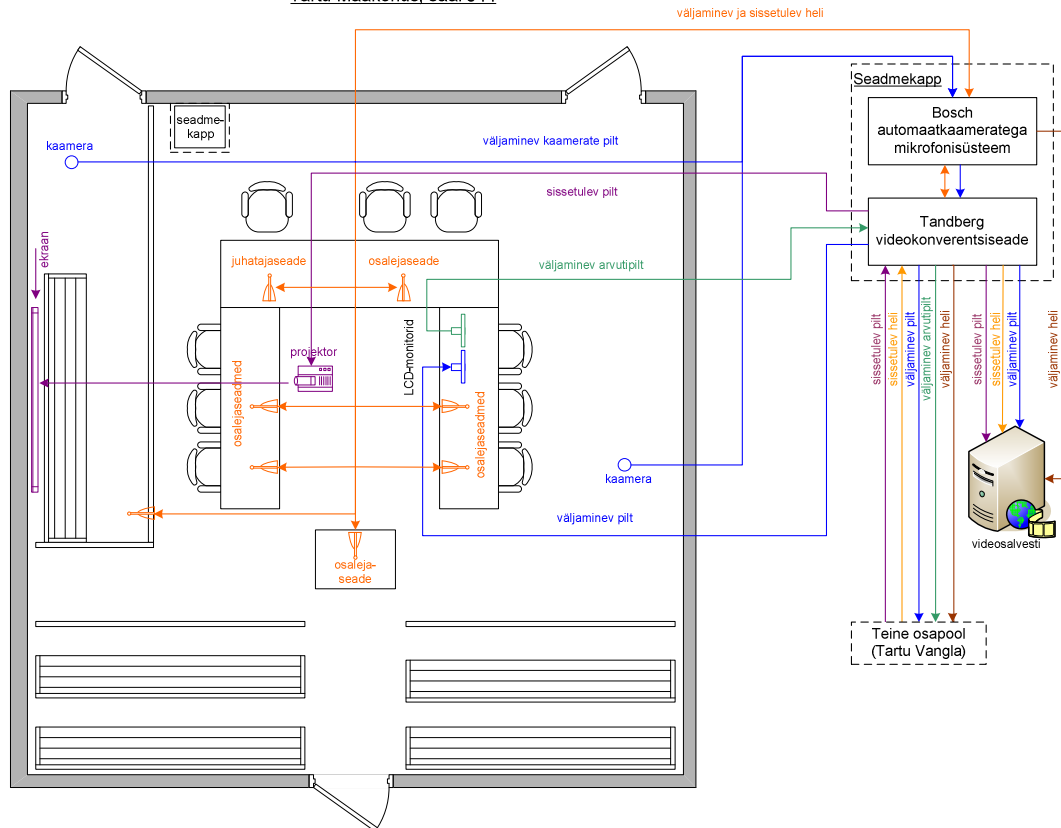
§ 350. Court session held in form of procedural conference

- (1) The court may organise a session in the form of a procedural conference such that a participant in the proceeding or his or her representative or adviser has the opportunity to stay at another place at the time of the court session and perform the procedural acts in real time at such place.
- (2) A witness or expert who stays in another place may also be heard in the manner specified in subsection (1) of this section, and a participant in the proceeding who stays in another place may pose questions to them.
- (3) In a court session organised in the form of a procedural conference, the right of every participant in the proceeding to file petitions and applications and to formulate positions on the petitions and applications of other participants in the proceeding shall be guaranteed in a technically secure manner and the conditions of the court session in respect of the real time transmission of image and sound between the participant in the proceeding not present in court premises to the court must be technically safe. With the consent of the parties and the witness and, in a proceeding on petition, with the consent of the witness alone, the witness may be heard by telephone in a procedural conference.
- (4) The Minister of Justice may establish specific technical requirements for organising a court session in the form of a procedural conference.

COURTROOM VIDEOCONFERENCE SOLUTION IN TARTU COURTHOUSE



Tartu Maakohus, saal 344



**INFORMATION FOR VIDEOCONFERENCING WITH ESTONIAN JUDICIAL AUTHORITIES
JANUARY 2010**

ENDPOINT IN VIRU PRISON



DESKTOP IN VIRU DISTRICT PROSECUTORS' OFFICE



FUNCTIONALITIES & SPECIFICATIONS

Courtroom solutions

- Enable communicate over internet according to ITU H.323 standard. Also SIP can be activated.
- H.320 connection over ISDN possible with Tallinn and Tartu courthouse systems (3x 384 kbps lines)
- Multi connection unit (MCU), possibility to connect max 4 video sites + 1 audio site over telephone
- Standard video call quality in PAL 576 x 488 or 352 x 288 px resolution, 25 fps, 768 kbps
- Automatic connection speed adjusting from 384 to 1536 kbps
- DuoVideo (H.239) functionality – PC picture sending possibility in 1024 x 726 px (XGA) resolution
- Automatic encryption according to AES 128-bit or DES 56-bit key
- Courtroom video captured with 2 turntable cameras, which are automatically focused on speakers according to the use of microphones (Bosch DCN conference system functionality)
- Simultaneous interpretation possibility with Tartu and Kohtla-Järve system (Bosch DCN functionality)
- Other side video shown on 200x150 cm wall-screen with data projector in 1024x768 XGA resolution
- Other side sound is transmitted to Bosch DCN conference system “delegate units” speakers
- Court clerk can operate connections, cameras, microphones and recording from courtroom PC
- Videoconference both sides can be recorded with computer based video recorder in PAL 352 x 288 px, 25 fps RealAudio / RealVideo VBR (*.rmvb) format. 1 hour = ~660 MB. Records 2 separate video files - local and remote side video. On local side file is only video. Both sides audio is mixed on remote side file. RealPlayer or VLC media player is required for playback.

Prison endpoints

- Uses ITU H.323 (IP) standard for videoconferencing. Also SIP connection can be activated.
- Standard video call quality in PAL 352 x 576 or 352 x 288 px resolution, 25 fps, 768 kbps
- Automatic connection speed adjusting from 384 to 768 kbps
- DuoVideo (H.239) functionality – PC picture sending possibility in 1024 x 726 px (XGA) resolution
- Automatic encryption according to AES 128-bit or DES 56-bit key
- Local side is captured with turntable camera on the monitor, possibility to control camera from far-end
- Local side sound captured with Audio-Technica microphone on table
- Remote side video shown on 40” LCD monitor in full HD 1360 x 768 px resolution or onto 150x150 cm wall-screen with data projector in 1024 x 768 XGA resolution and DuoVideo to 17” LCD monitor
- Remote side sound transmitted to stereo amplifier speakers (200W) or LCD monitor speakers (20W)

Desktops

- Personal computer with Polycom PVX 8.0.4 videoconference software, including echo cancelation
- Uses ITU H.323 (IP) standard for videoconferencing. Also SIP connection can be activated.
- Enables only calling out, but not answering outside Estonian judicial authorities WAN incoming calls
- DuoVideo (H.239) functionality – PC picture sending possibility in 1024 x 726 px (XGA) resolution
- Enables to send local video up to 640x480 px resolution 30 frames per second
- Picture captured with Logitech QuickCam Pro 9000 or Sphere AF camera
- Headset + speakers or professional table microphone and amplifier is used for sound transmitting

See further:

<http://www.tandberg.com/video-conferencing-telepresence-products.jsp>

http://www.polycom.com/products/telepresence_video/video_conference_systems/personal_systems/pvx.html

System management



Taivo Kitsing
Project Manager of Infrastructures Department
Centre of Registers and Information Systems
Tel: +372 6636504
taivo.kitsing@just.ee

www.rik.ee