Videoconferencing in educational projects

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Roadmap

- School in network society
- CMC in Comenius projects
- COMP@CT SIG1 portal
- Communication tools for schools
- Qualitative study: ICT school portraits
Schools in network society

- 1993: Males, females and e-males
- 2004: About 70% of Estonian youngsters are frequent visitors of http://www.rate.ee, a virtual community
- Manuel Castells: the rise of network society, structural changes (hierarchical > network) in relationships of power, production and experience
- OECD future scenarios of schooling: Status Quo, Re-schooling, De-schooling
CMC in Comenius projects

- Comenius schools are the pioneers in international educational networking
- Computer-Mediated Communication (CMC) makes inter-school collaboration more flexible and effective
- COMP@CT SIG1 is sharing information, guidance and best practice regarding asynchronous and synchronous CMC in Comenius projects
- SIG1 portal http://htk.tpu.ee/compact
Dale’s cone of experience

- Written text
- Symbols, icons
- Graphs, plots
- Recorded audio
- Pictures
- Video, film
- Live audio
- Live presentation
- Performance
Types of communication

- **One to one**: telephone, chat, videochat
- **One to many**: broadcast, streamed videolectures
- **Many to many**: mailing list, chatroom, videocafe

- **Synchronous vs. asynchronous**
## Technologies: audiographics

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<tbody>
<tr>
<td>Synchr.</td>
<td>Netmeeting, MSN Messenger, ICQ, Skype</td>
<td>RealVideo</td>
<td>MSN Messenger, Skype</td>
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<td>Asynchr.</td>
<td>E-mail attachments, voicemail</td>
<td>Online audiographics presentations, RealPresenter</td>
<td>WWW</td>
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## Technologies: videoconference

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<tr>
<td>Synchr.</td>
<td>Videoconf. (ISDN or IP): MSN, Polycom</td>
<td>Videostream: Windows Media Video, RealVideo</td>
<td>Videocafe</td>
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<td>Asynchr.</td>
<td>Videomail</td>
<td>Streamed videos (on-demand)</td>
<td>Videoforum</td>
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ICT school portraits study

- Based on the similar study by Dutch school inspectorate
- Method: school visit, interviews, analysis of secondary data (school web site, project documentation)
- School selection: not only the „stars“
- First cases: Viljandi Paalalinn Secondary School, Tallinn Secondary School No.21, Kolga Secondary School
Students and digital/visual literacy

- Students are already living in digital culture
- Short movie „Liebe“ by secondary school students (Tallinn English College)
- Produced by students for German language course, after they studied the German film culture (especially, Fassbinder)
- Movie presentation is followed by the discussion with students via videoconference