

LONG DISTANCE LEARNING

POWER OF VIDEOSTREAM

"WHAT YOU SEE,
IS WHAT YOU GET"

JUKKA SORMUNEN, HEADMASTER
Kuopion klassillinen upper secondary school
Kuopio, Finland
http://klassikka.fi



FINNISH NATIONAL BOARD OF EDUCATION

OPPIMISYMPÄRISTÖT

POHJOIS-SAVON URHEILUAKATEMIA



WORKSHOP topics

RealityTV -education in Klassikka

Why – What –Who

Posibilities for the future

How it is done

Results of the pilot

Calling Finland

Discussion



OPETUSHALLITUS
UTBILDNINGSSTYRELSEN
UTBILDNINGSSTYRELSEN

OPPIMISYMPÄRISTÖT

POHJOIS-SAVON URHEILU-AKATEMIA



VIRTUAL CLASSROOM









Kuopion klassillinen upper secondary sportschool
Kuopio, Finland
http://klassikka.fi

FINNISH NATIONAL BOARD OF EDUCATION

OPPIMISYMPÄRISTÖT

Kuopion LUKIO koulutus
•ei mitään rajaa•

SPORT HIGHSHOOL

KUOPION KLASSILLINEN LUKIO

REALITY TEACHING

SEASON 3



Demovideos for EAS-workshop 11.9.2009

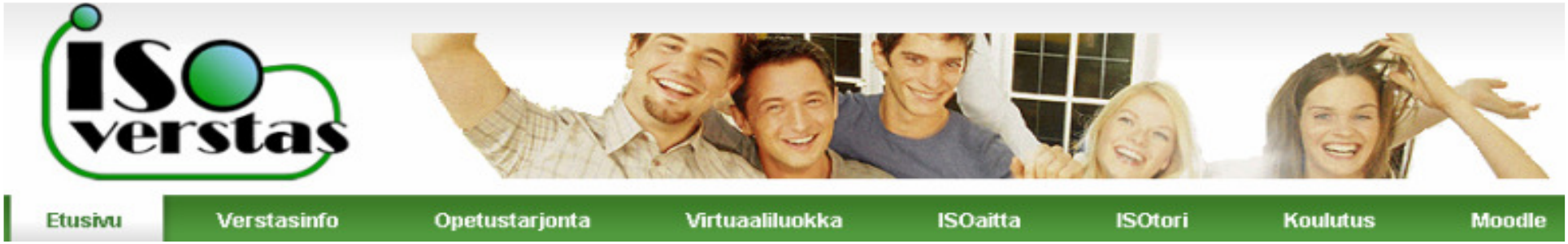
Biology:

Geogrpahy:

Mathematics:

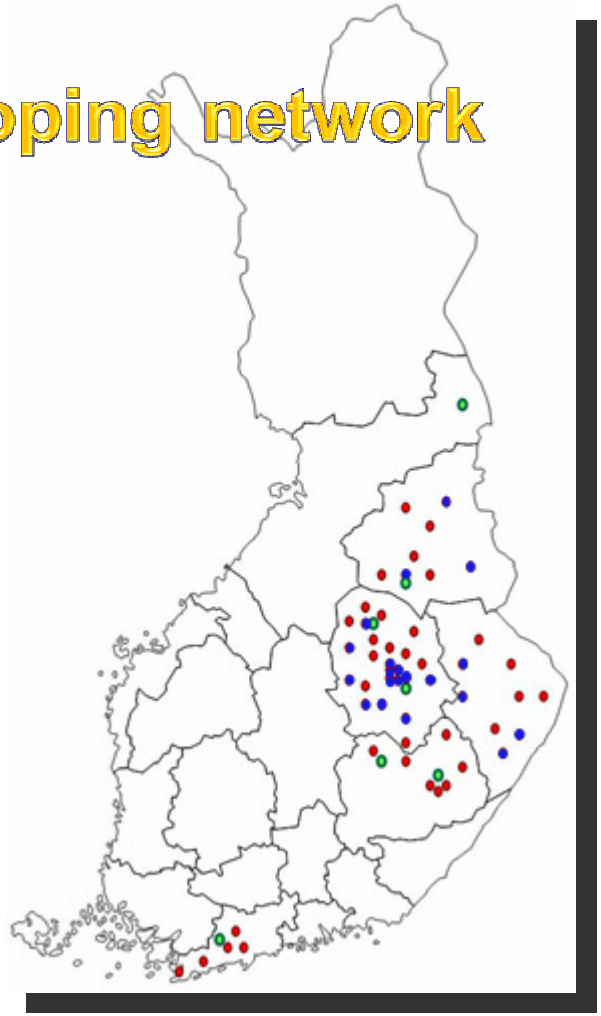
Sport:





BIGnet – educational developing network

- **64** upper secondary schools
- **7** vocational schools
- 18 000 students
- 1400 teachers
- 200 e-courses to students
- 65 virtual classrooms
- 750 lessons saved (2008-2009)



FINNISH NATIONAL BOARD OF EDUCATION

OPPIMISYMPÄRISTÖT

ISO verstas

KuopionLUKIOkoulutus
ei mitään rajaa



History and networks

Virtual classroom

Why » **What** » **Who**

Equal learning possibilities,

Sportacademy
University
Sportcolleges
Rural areas

Innovative learning enviroments

Moodle, Peda.net, videobroadcast, videostream, SecondLife, WEB2.0

Finnish National Board of Education
University of Joensuu
(Education Development department)
City of Kuopio
BIGnet
Academy of sports
Klassikka



OPETUSHALLITUS
UTBILDNINGSSTYRELSEN

OPPIMISYMPÄRISTÖT

isoverstas

KuopionLUKIOkoulutus
«ei mitään rajaa»



Secure equal learning possibilities around The Globe

Share know-how and explore WEB2.0

- Online teaching
- Saved lessons
- Meetting services
- Network courses



OPETUSHALLITUS
UTBILDNINGSSTYRELSEN

OPPIMISYMPÄRISTÖT

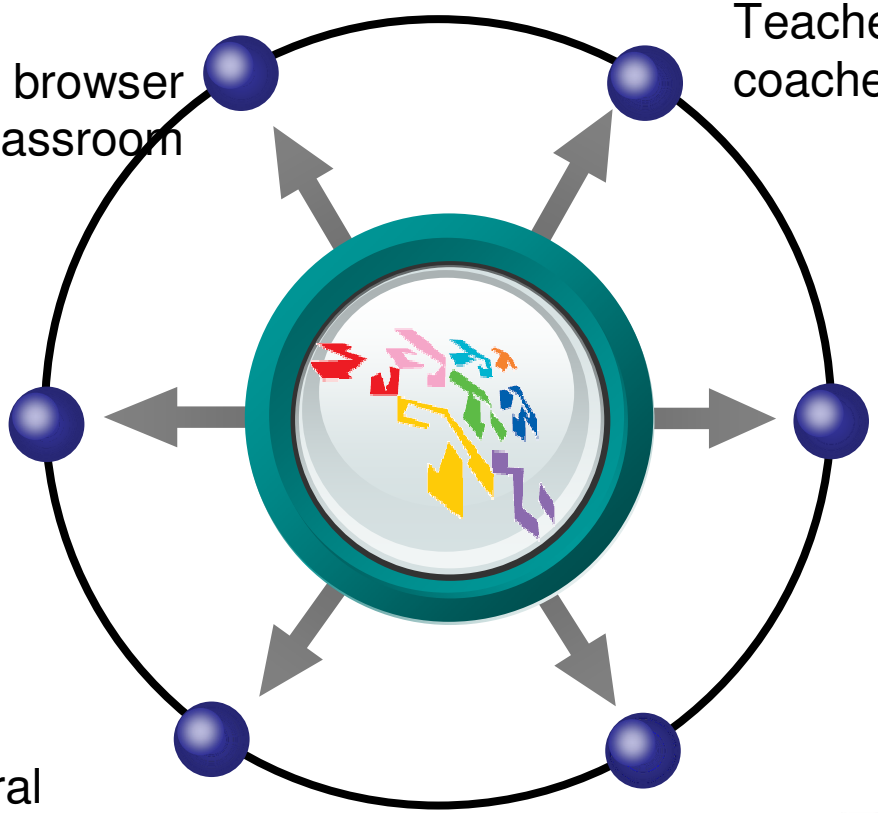
Kuopion LUKIO koulutus
«ei mitään rajaa»



Pedagogics-Didactic solutions for the future teaching

Online teaching trough browser
Interaction with the classroom

Teachers, headmasters and coaches updating training



Demonstration
Repeat lessons
Course-info
Remedial instruction
Mobile possibilities
Probably missing something…

Specialists outside the school
University
Polytechniks

Part of the other structural course in the Web

Student counseling, tutoring



OPETUSHALLITUS
UTBILDNINGSSTYRELSEN

OPPIMISYMPÄRISTÖT

ISO verstas

KuopionLUKIOkoulutus
«ei mitään rajaa»



Virtual classrooms

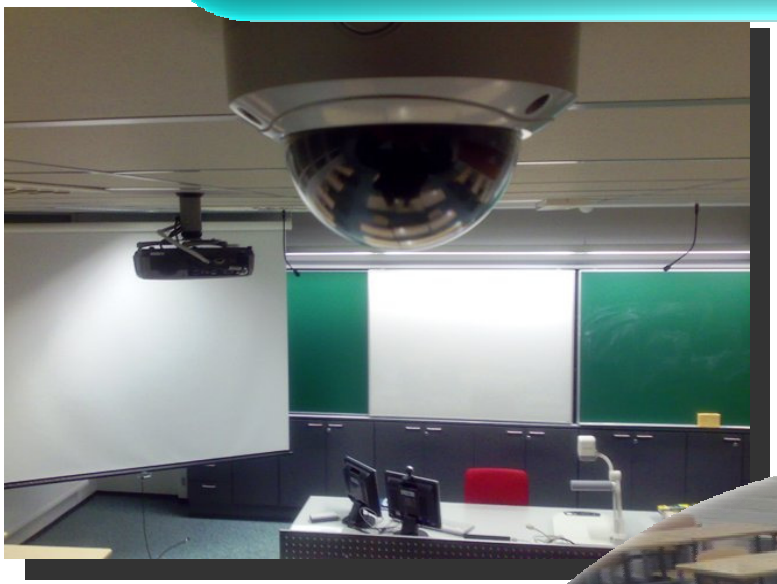
Total solution for the schools
How it is done?

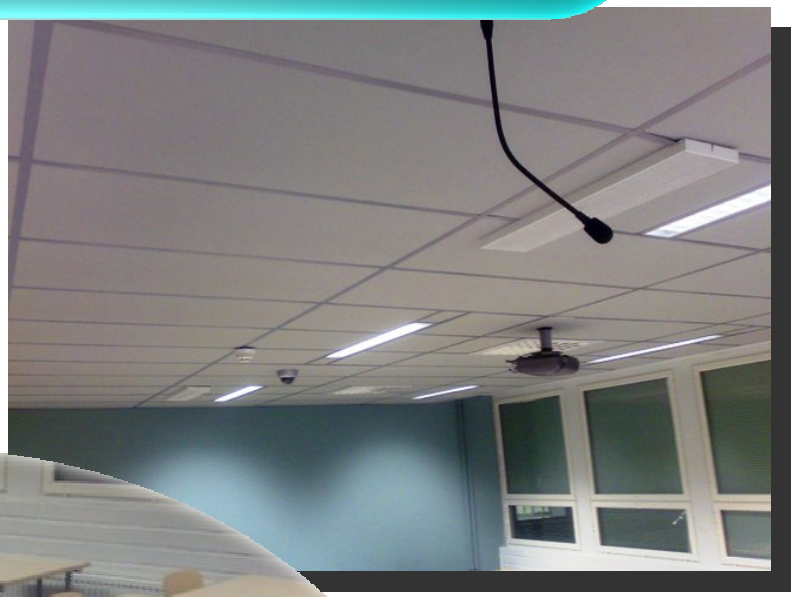


FINNISH NATIONAL BOARD OF EDUCATION

OPPIMISYMPÄRISTÖT

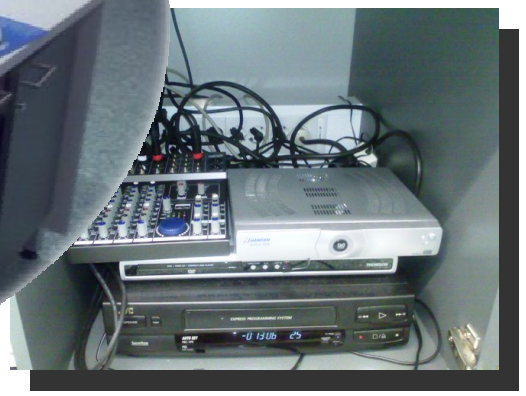
Recordingsystem in the classroom











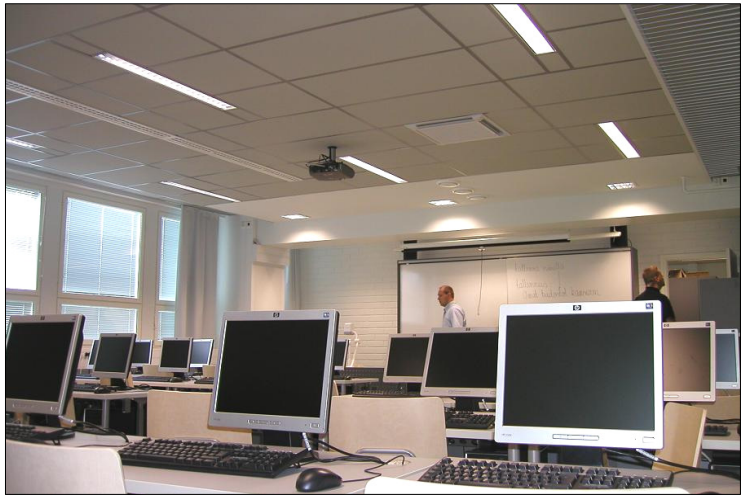

The videorecoding system
in the teachers workstation.











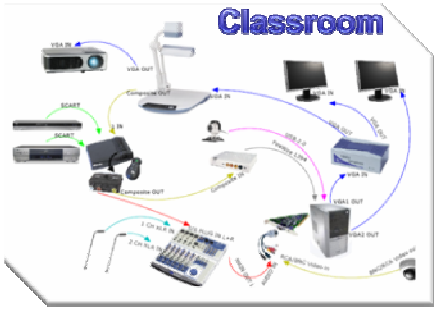


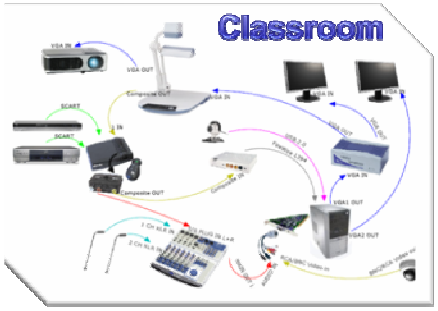


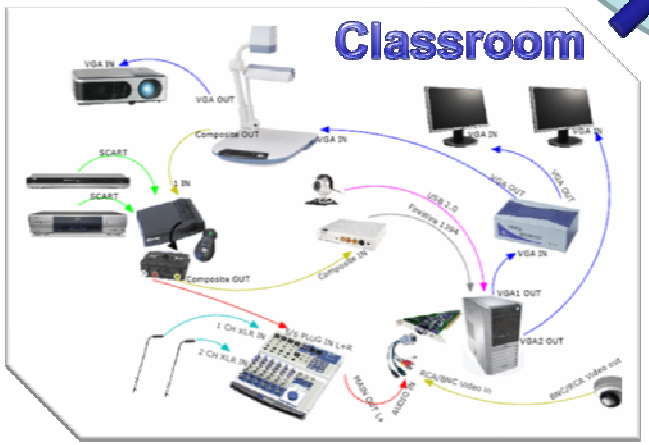


Infrastructure of the virtual classroom

"The Power of Reality"







Internet

WW
W
RTMP
MMS

Media-
gallery

Crispin

Violet

SQL
FTP
Sorenson
Flash media server

Mediaserver cluster
"Teacherstube"

Student at other school

Student at home

Student at training camp

Student at other school

Student at training camp

Student at home

Student at training camp

Internet

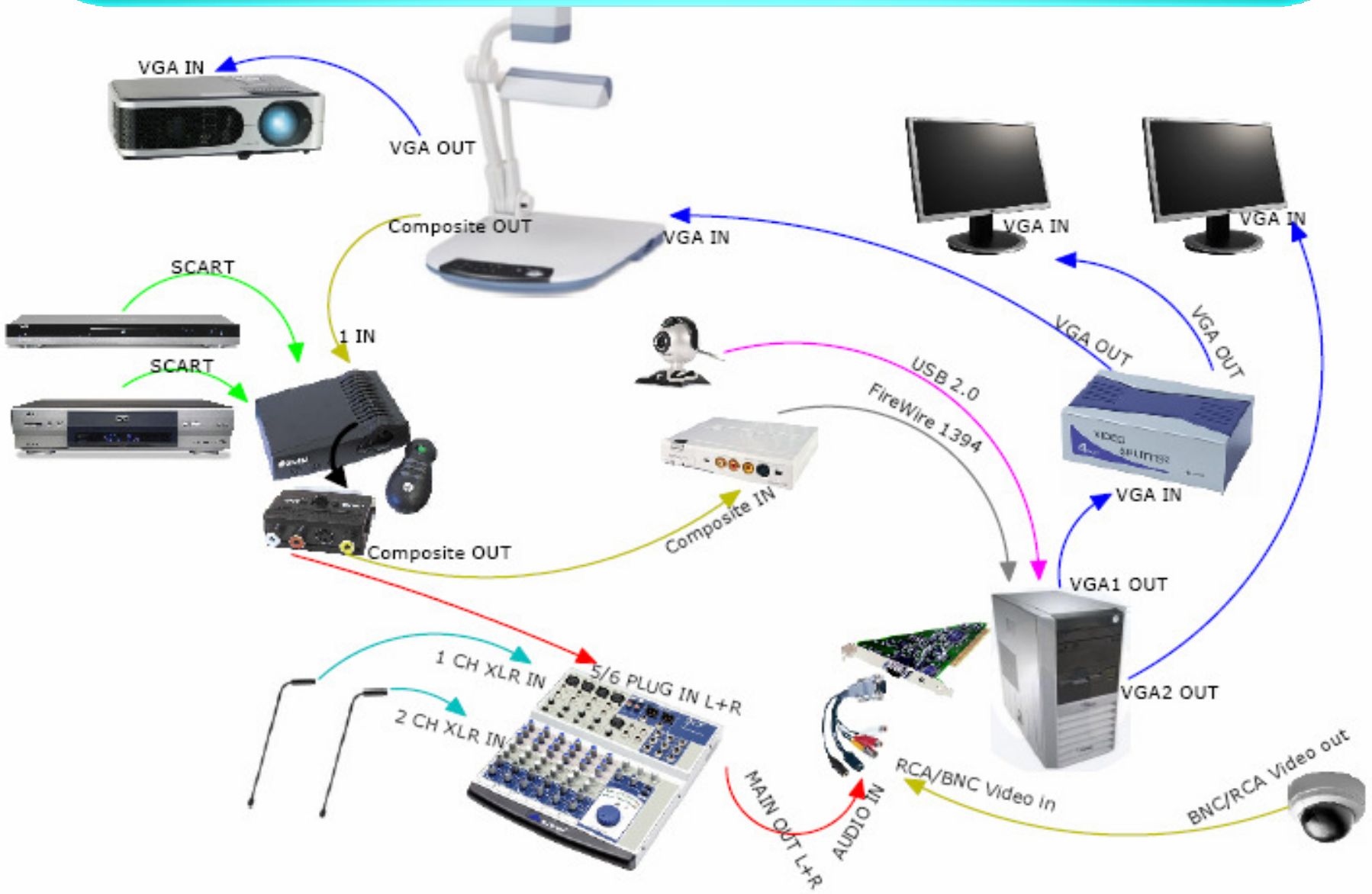
Student at other school

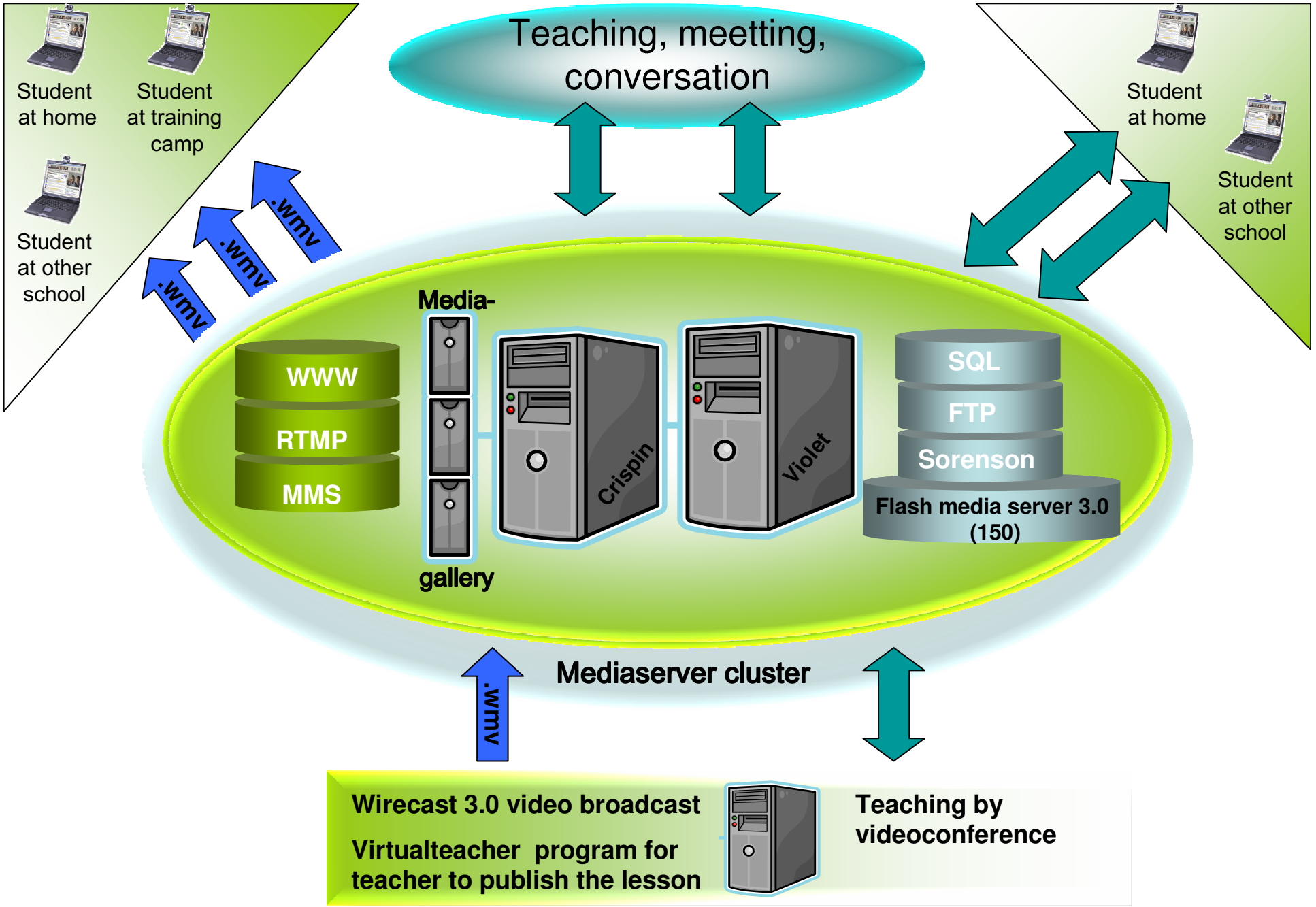
Student at home

Student at home

Student at other school

Media components of virtual classroom




Student at home
Student at training camp
Student at other school
Teaching, meetting, conversation
Student at home
Student at other school
.wmv
.wmv
.wmv
Media-
gallery
WWW
RTMP
MMS
Crispin
Violet
SQL
FTP
Sorenson
Flash media server 3.0 (150)
Mediaserver cluster
.wmv
Wirecast 3.0 video broadcast
Virtualteacher program for teacher to publish the lesson
Teaching by videoconference



Results of the Pilot

1. Cost effective
2. Solid installation in classroom
3. Scalability
4. Easy and fast manufacture



What you see, is what you get



Toista

Katsottu: 15 | Suoratoisto

Lataa tiedosto

Otsikko:	Juurifunkt.deriv
Kuvaus:	juurifunktioiden derivoiminen
Tagit:	Sakari juurifunktio derivaatta



THANK YOU FOR YOUR ATTENTION



CONTACT:

Jukka Sormunen, Headmaster

jukka.sormunen@kuopio.fi
+358 7184542
http://klassikka.fi



FINNISH NATIONAL BOARD OF EDUCATION

OPPIMISYMPÄRISTÖT

ISO verstas

Kuopion LUKIO koulutus
«ei mitään rajaa»