

## Interactive Multicentre Teleconferences Using Open Source Software in a Team of Thoracic Surgeons

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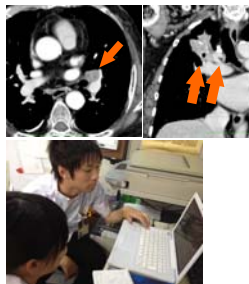
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## Introduction

- ◆ Preoperative conference makes the operation safe and sure.
- ◆ We go to the university hospital to consult some difficult cases.
- ◆ We need an interactive remote communication method.







## Virtual network computing (VNC)

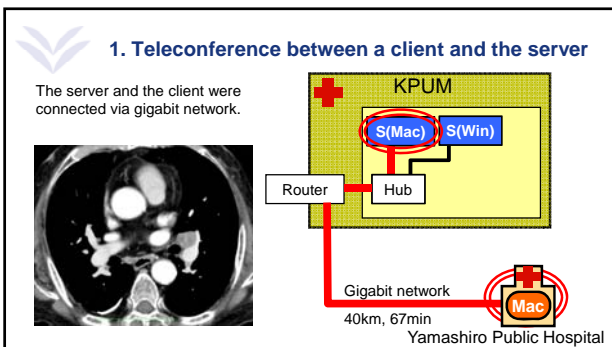
- ◆ A graphical desktop screen sharing system to control another computer.
  - ◆ **Free** open source software
  - ◆ **Easy** to establish connection
  - ◆ No voice communication
  - ◆ Not a secure protocol

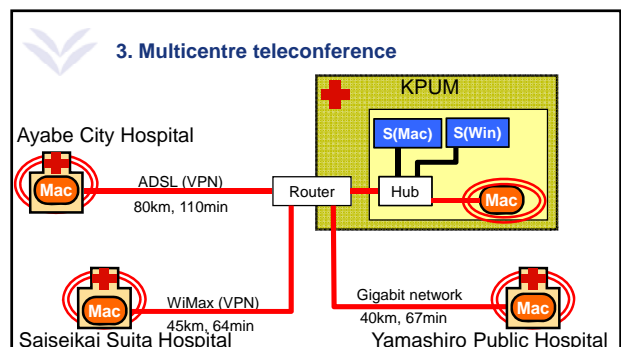
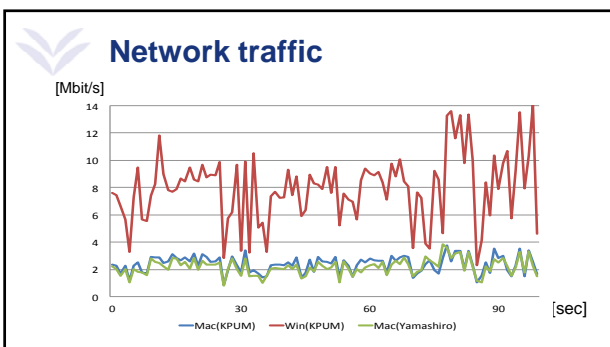
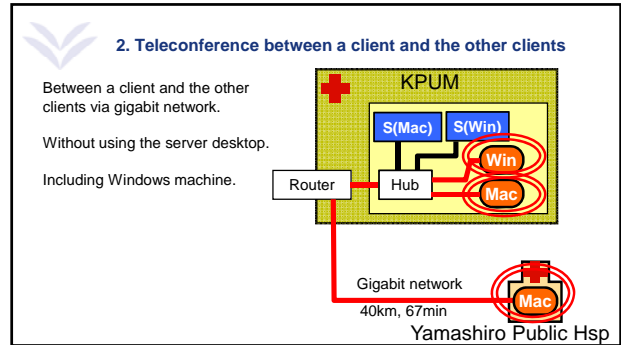
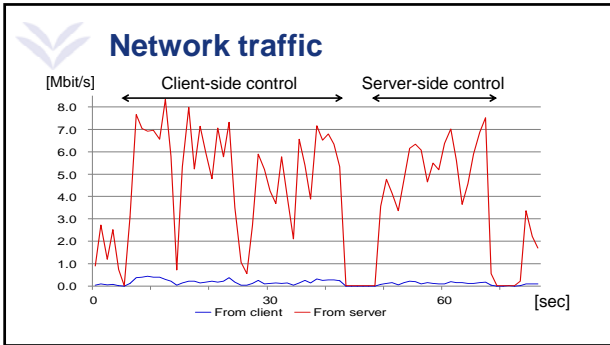




**Methods**

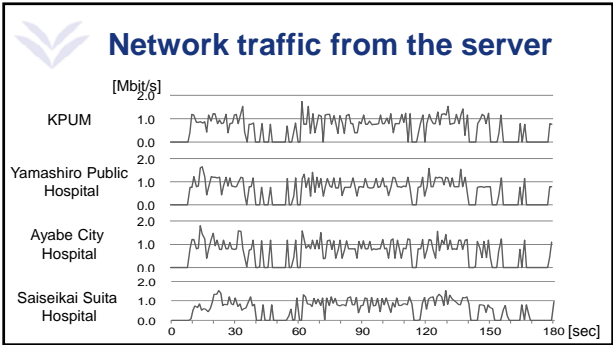
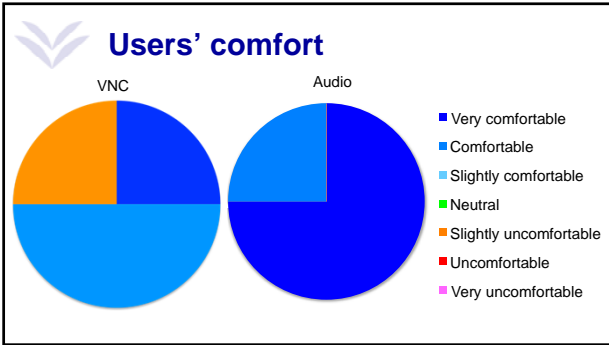
-  ◆ VNC
-  ◆ Voice communication
-  ◆ DICOM viewer
-  ◆ Packet analyzer

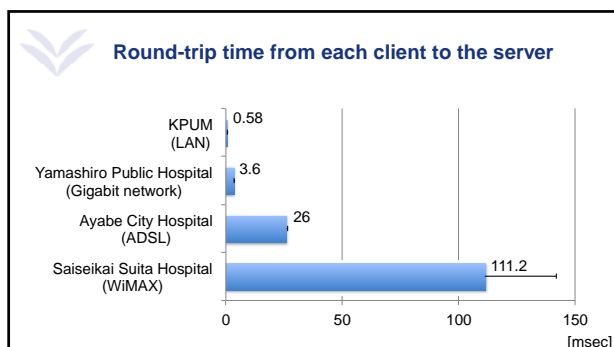







Desktop of the server,  
and each client.





 **Conclusions**

- ◆ **Interactive multicentre teleconference.**
- ◆ **Easy and cost-effective method.**
- ◆ **Need high-speed network of ADSL.**