RESPIRATORY RESEARCH COMMUNICATIONS VIA THE EXCLUSIVE AARNet INTERNET NETWORK

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Introduction

Internet-based communications have begun to revolutionise research communication and collaborations across the world.

Increased processing power and network bandwidth / speed now enable the transmission of [illegible] to provide the "telepresence" needed for effective m[illegible]location human interactions.

Increased awareness of the carbon and financial costs of interstate and international meetings is helping drive adoption of these technologies.

Vid[illegible] Collab[illegible]

•Instant file sharing
•Persistent storage
•Multiple real-time video streams
•Whiteboards / d[illegible] screens
•Remote desktop viewing
•[illegible]ce remote control
•Secure

Equipment:
•Laptop, desktop, video walls
•Specific conference rooms

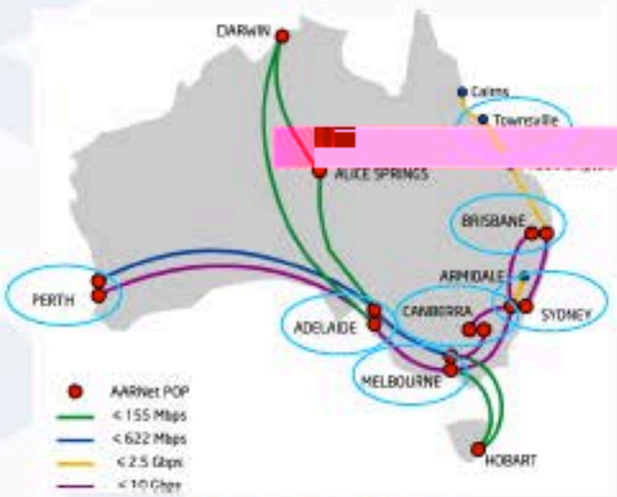
•Multi-centre video conferencing
•Remote or multi-centre experiments
•Remote student meetings
•Grant review m[illegible]ings
•Joint quality control meetings
•Real-time sleep study reviews
•International thals
•Paper preparations and seminars

•Think of your own uses

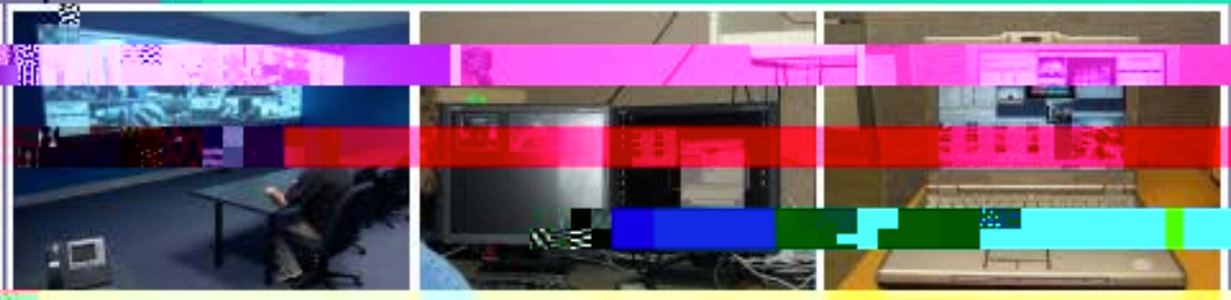
Current v[illegible]

AARNet

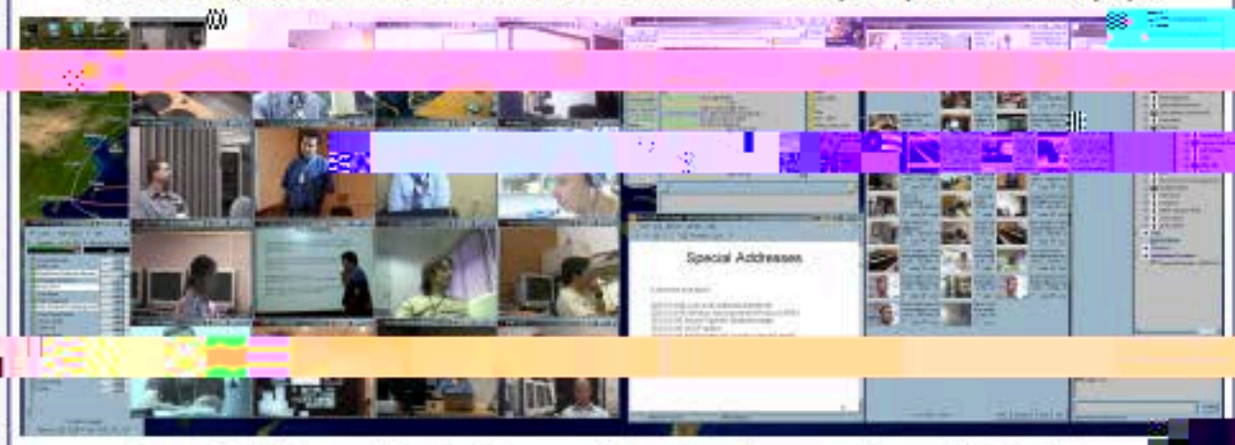
•Extens[illegible]network
•Provides local and international academic internet and networks
•Protected bandwidth
•Reliability and speed (x40-400 in 4-6 yrs)



The AARNet Network 2008



AG can be used to communicate between conference rooms, desktop computers or basic laptops



AccessGrid allows multiple simultaneous video and audio streams from multiple locations

For more information

http://www.aarnet.edu.au/
http://www.arcs.org.au/
http://www.accessgrid.org/
http://www.optiputer.net/optiportal/

ACCESS GRID

arcs
Australian Research Collaboration Service

aarnet

National Collaborative Research