

e-Research
collaboration
QUESTnet 2007
Regional Engagement
communication

POLYCOM
TOGETHER, GREAT THINGS HAPPEN.

Collaboration on Demand

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VIDEO VOICE DATA WEB

We're NOT technical

We work with
teachers, lecturers & trainers

We help them achieve great learning
with the help of technology



POLYCOM
TOGETHER, GREAT THINGS HAPPEN.

Topics

- ▶ Where we've been
- ▶ New media
- ▶ Renewed media
- ▶ Where will you go today?
- ▶ Telepresence
- ▶ Effect on teaching & learning
- ▶ What's new
- ▶ Factors for success



VIDEO VOICE DATA WEB

What are teachers using?

● Web conferencing	63.6%	Collaborative
● Wikis	63.6%	
● Blogs	54.6%	
● Videoconferencing	54.6%	
● Podcasts	54.6%	
● Phone conferencing	45.5%	
● Social bookmarking	36.4%	
● RSS feeds	36.4%	
● Video streaming	36.4%	
● PDAs	18.2%	
● Flickr	18.2%	
● RSS aggregators	18.2%	
● You Tube	18.2%	
● Skype	18.2%	
● SMS	18.2%	
● Google video	9.1%	

LTUG survey June 2007

New Media

Blogs

Wikis

Mashups

Podcasts

Social networking

Mobile devices

New Media



Virtual worlds



Renewed Media



▶ Video Conferencing has added a resurgence & the latest developments:

- High Definition (HD)
- Telepresence
- Chroma key
- RPS
- Closed caption
- Streaming, recording, archiving solution
- Content Management solution
- High speed networks...etc

▶ Applications are important

▶ Student performance and legislation is critical

▶ Equity

▶ Enrollments

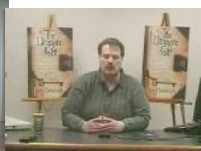
▶ Research

VIDEO VOICE DATA WEB



Where will you go today?

- ▶ Field trips
- ▶ Global Studies
- ▶ Museums
- ▶ Authors
- ▶ Zoos
- ▶ Science Centers
- ▶ Aquariums
- ▶ Experts in the Field



Searchable Database

Collaboration on Demand

Global Nomads

VIDEO VOICE DATA WEB



RealPresence Experience with EyeConnect™ Technology



**Your natural gaze
is to look here for
eye contact**

- Symmetric environment
- Camera lenses and techniques
- Screen size and design
- Camera in center of the screen
- Positioning of the people in the room

Full size and in real proportion

VIDEO VOICE DATA WEB



Introducing Polycom Video Media Center™

- ▶ Video on Demand Playback of preserved content
- ▶ Broadcast message via live streaming
 - Stream recordings from the RSS 2000 to a broad audience
 - Expands the streaming capabilities of the RSS 2000
- ▶ Library-like functions for managing video content
 - Search, Catalog, Archive, Publish
- ▶ Reporting capabilities to measure effectiveness of video communication



RSS 2000



Polycom Video Media Center

Telepresence refers to a set of technologies which allow a person to to feel as if they were present, to give the appearance that they were present, or to have an effect, at a location other than their true location.

Wikipedia



What does this mean for students?

- Rich learning environment
- Lots of interaction
- Instant responses to queries
- 'Networked' - anywhere, anytime



What does this mean for teachers?

- New ways of teaching
- New ways of structuring learning
- Anywhere? Anyone? Anytime?
- 24/7?



What does this mean for institutions?

- Virtual staff?
- Virtual students?
- Non-standard teaching times?



What does this mean for network technologists?

- More bandwidth
- More technical support
- 24/7



Factors for success



- Infrastructure
 - Network
 - Support
- Training:
 - Knobology
 - Techniques
- Policy

Patience & a sense of humour!

Have some great experiences



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