



MONASH University



Monash University's video communications strategy: - a unified communications solution

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QUESTNET 2008

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Overview

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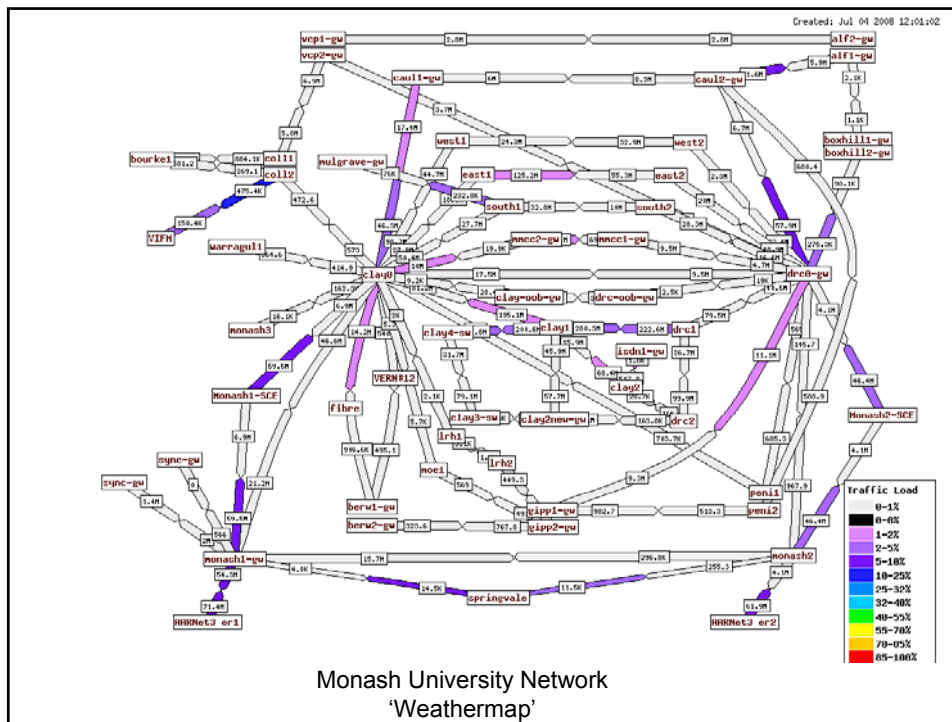
Introduction

- **The University's vision is to build an Integrated Collaboration Environment to enhance the collaborative activity of its staff and students.**
- **Aim of video communications is to:**
 - Build video conferencing solutions to enhance productivity
 - Enable staff and students to communicate
 - Facilitate the university's "green" sustainability strategy.



Monash University
has 8 campuses:
- 6 in Australia
- 1 in Malaysia
- 1 in South Africa
- Centres in Prato
in Italy.





Challenges

Monash University is a large organisation with diverse requirements

- International and regional campuses

The requirements are like mercury

- Constantly changing

The vision is big and ambitious

- the direction is not always clear

Technology is constantly changing

- Integration is a challenge

Organisational history and structure

- Responsibility spread across different groups

Challenges

Videoconferencing - one word - 4 meanings

- Video Phone, Online staff collaboration (eMeeting), Teaching & student collaboration (eLearning), Research collaboration

Cross pollination

- Every application and product wants to do everything!

Standards, standards, standards?

- Everyone is standards compliant but nothing works with each other.

Flexibility, Scalability & Manageability

- Need to be flexible enough to adopt to different peoples needs yet remain scalable and manageable

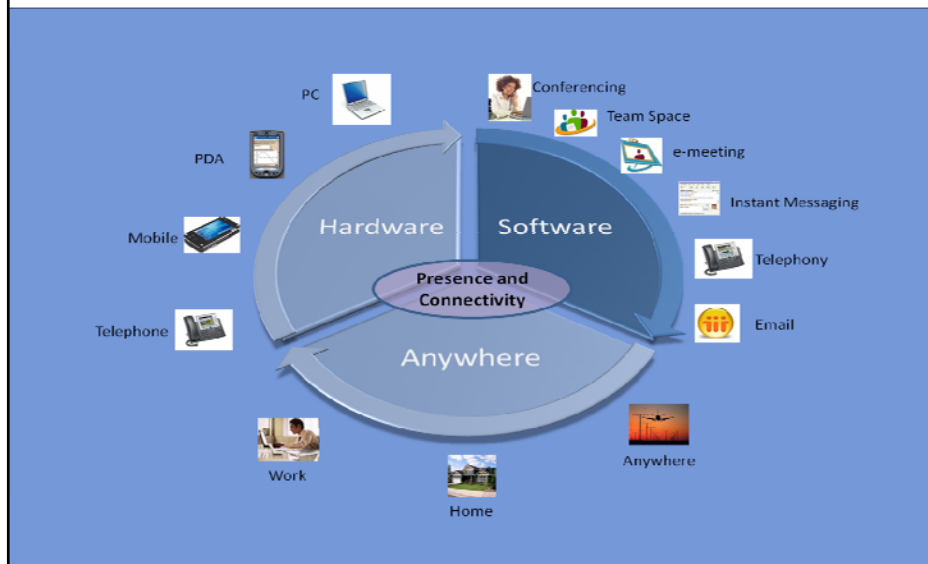
A Solution?



Solution

1. Break it up into stages
2. Investigate, design and implement stage by stage
3. Keep the focus on the University's strategy and vision to bring it all together

Solution



Project Objectives

Specific outcomes include:

- High definition (HD) room based systems in all main centres
- HD multipoint bridge integrated with AARNET's video network
- Extensive use of standards based desktop videoconferencing systems
- Incorporation of a widespread pioneering deployment of Enabling Virtual Organisations (EVO) video collaboration environment.

Stages

Stage 1 (2008)

- Meeting room video conferencing
- Video conferencing for Research

Stage 2 (2009)

- Desktop video conferencing

Stage 3 (2010+)

- Teaching & student collaboration

Solution

- Meeting room video conferencing
 - Primarily Video conference: H323 protocols
- Desktop video conferencing
 - Video Phone conference
 - eMeeting / soft phone – Lotus - Sametime
- Teaching & student collaboration
 - eLearning, professional collaboration, moderation, interactivity
- Video conferencing for Research
 - Flexible, collaboration with partners,

Meeting room video conferencing

- **High-definition (16 CIF) video service**
- **Full room setup and configuration**
- **Integration into the AARNET booking system**
- **Links into the Lotus Calendar**

Desktop video conferencing

Lotus Sametime will play the central role at the Desktop.

It will provide

- **Audio & video phone including audio & video phone conference**
- **eMeeting**
- **Instant Messaging**
- **Presence**

Teaching & student collaboration

- **Early trials within faculties**

- Webex
- Illuminate Live
- EVO
- Lectures online
- Podcasts
- Streaming

Video conferencing for Research

- **Access Grids**
- **Proprietary applications like Skype , MSN**
- **Meeting room video conferencing facilities**

Need all of them to work together

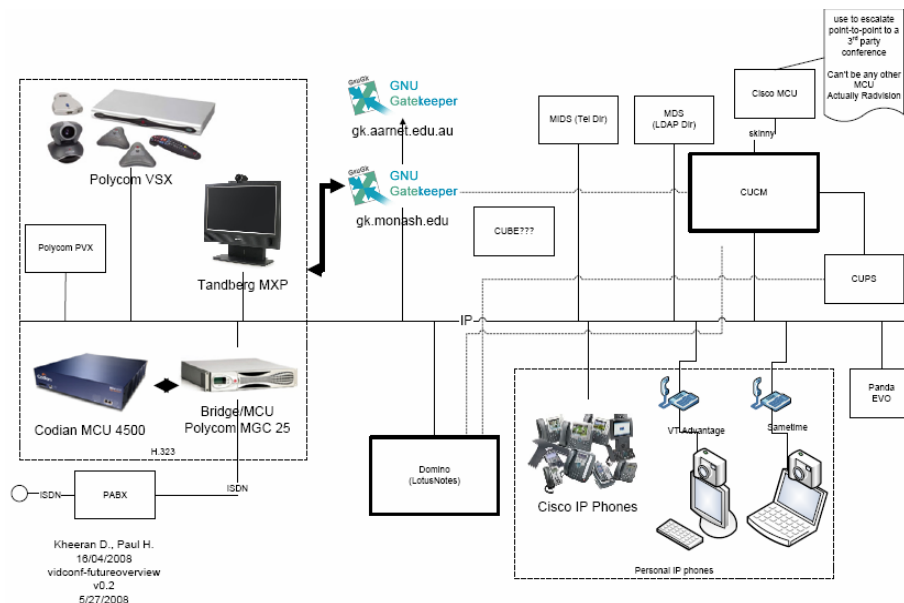
Solution:

- **Trialing EVO (Enabling Virtual Organisations)**

Infrastructure to make it all happen

- Video Infrastructure
- IP tel infrastructure
- Lotus Notes infrastructure
- Lotus Sametime infrastructure
- Technology management software

Infrastructure



Summary & Conclusion

- **Monash University as an organisation provides challenges**
- **Video conference technologies are constantly developing, and now integrating and converging**
- **Solution is based on investigation and in stages**
- **Next stage is to develop a support model**

Questions?

For further information

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