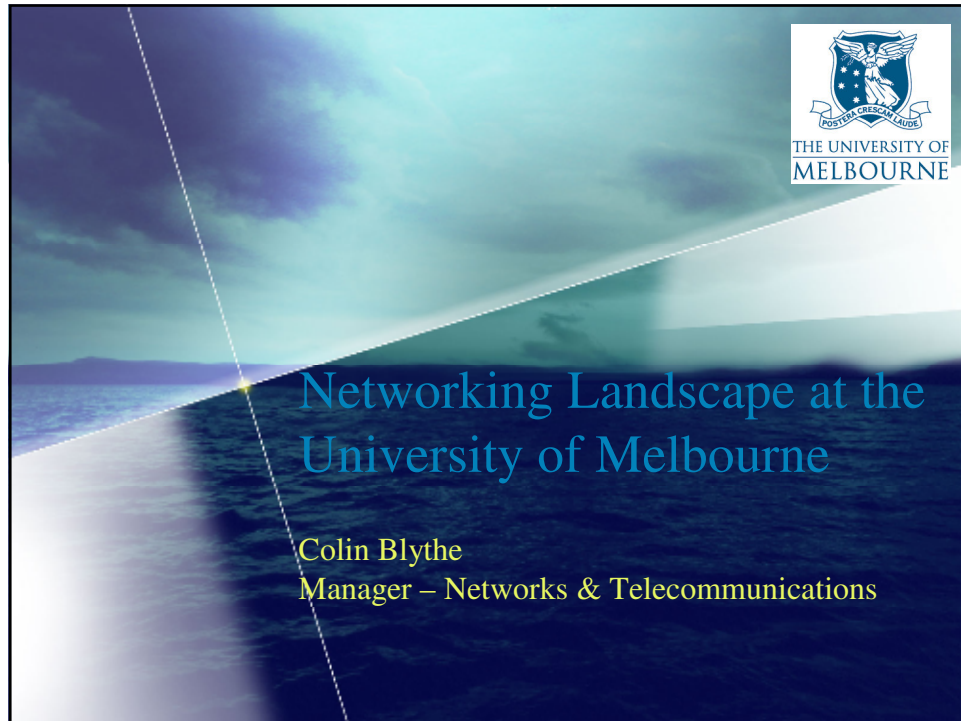




Melbourne Environment 2004

- New V-P (Information) started in March 2004
- 2003 Gartner Group – IT Landscape Review
- Very devolved IT management regime
- Several & Disjointed Budgeting Processes & Cycles
- Lack of Consolidated IT Strategies & Architectures
- No Network & Telecommunications Strategy

Melbourne Environment 2004

- A new planning framework recommended by V-P (Information) to senior management
- A consolidated ICT Management Plan presented to the annual budget conference, with projects prioritised prior to the conference.
- Funded investment determined what projects were to be proceeded with, and what were to be held over.
- ICTMP had multi-year budget for project investment

The Journey So Far - First Tasks

- Develop a Core Network Renewal Strategy
- Develop a response to the Gartner Group recommendation

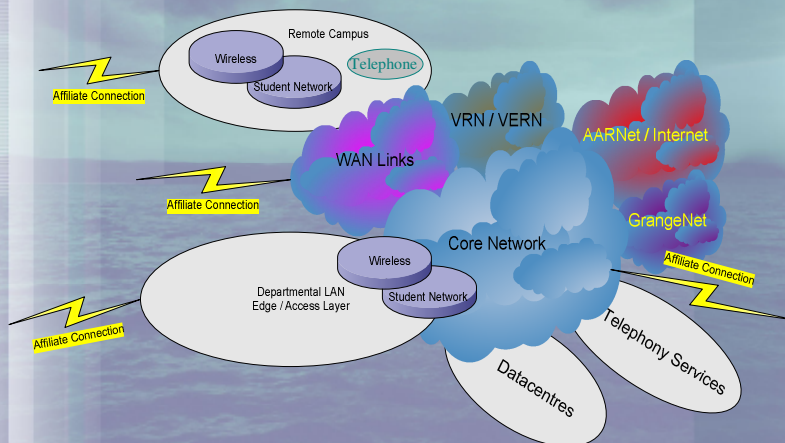
The Journey So Far – First Tasks – Take Two

- Develop a Core Network Renewal Strategy
- Develop a response to the Gartner Group recommendation
- Develop a Telephony Services strategy
- Develop a Datacentre strategy
 - Datacentre Spaces
 - Network Services for Datacentres

The Journey So Far – Early Observations & Learnings

- Core Network
 - Mixed ATM / GE Core
 - Equipment > 5 years old
 - Cable & Fibre routes through buildings
 - Physical spaces inadequate
 - Managed by Information Division
- Large Network
 - 11 regional campuses
 - Hospitals
 - Affiliate & third party connections abound

University Of Melbourne Network



The Journey So Far – Early Observations & Learnings

- Edge Network
 - Managed by individual Faculty or Department
 - ThinNet to CAT6
 - Hubs to switches
 - No consistency in OS levels or configurations
- Third Parties
 - Many third parties connect to the network
 - Yet more variations

The Journey So Far – Early Observations & Learnings

- Telephony
 - PABX – main PABX > 8 years old
 - Satellite PABXs – a number of them, and of various vintages
 - Copper infrastructure – some of it in poor condition
 - PABX's at regional campuses managed by different departments
 - Mobile – a free for all

The Journey So Far – Early Observations & Learnings

- Many other Uni projects were still in train
- Projects planned in isolation to one another
- Key linkages and dependencies between projects not identified and managed
- Key strategies missing at the enterprise level

Achievements - Planning Completed

- In early 2004 a Network Strategy Report was developed – to set a technical direction for the network for the next 3-5 years for the core network
- Report incorporated into Communications Network Plan
 - Core Network
 - Gartner Response
 - Telephony Strategy
 - IT Environment

Achievements - Planning Completed

- The Communications Network Plan used to secure funding over three years (2005 – 2007) to address
 - Core Network – technology refresh
 - Gartner Response – EndPoint Management project
 - Telephony Strategy – consulting engagement to develop a Telephony Services Strategy
 - IT Environment – development of datacentre spaces for servers and network equipment

Achievements – Planning Completed

- **Telephony Strategy**
 - Develop a 6 -10 year+ strategy for telephony services
 - Identify user requirements
 - Review market for technology options
 - Perform risk analysis on options
 - Recommend a ‘go-forward’ approach

Planning – In Progress

- **Core Network Renewal**
 - Core Network Design (in Progress)
 - Tender for supply and implementation (est. September / October 2005)
 - Rollout equipment over 2 – 3 years (from December 2005)

Planning – In Progress

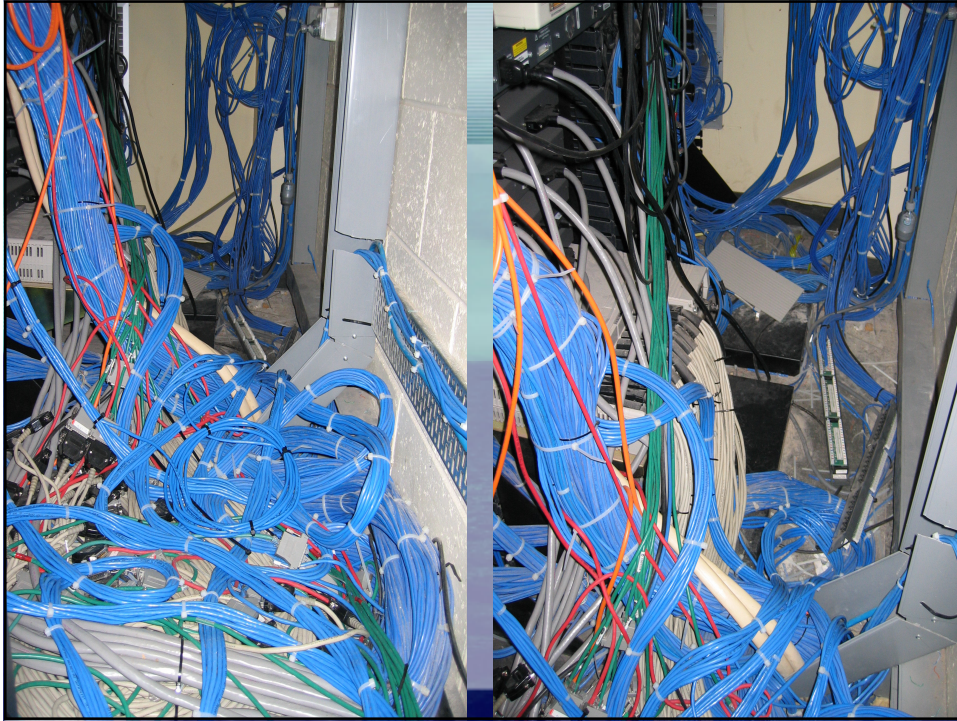
- **EndPoint Management**
 - Manage Faculty & Department LANs on their behalf
 - Define
 - “The Network”
 - Services
 - Service level expectations
 - Processes
 - Cost Model
 - Funding Model

Planning – New Planning Initiatives

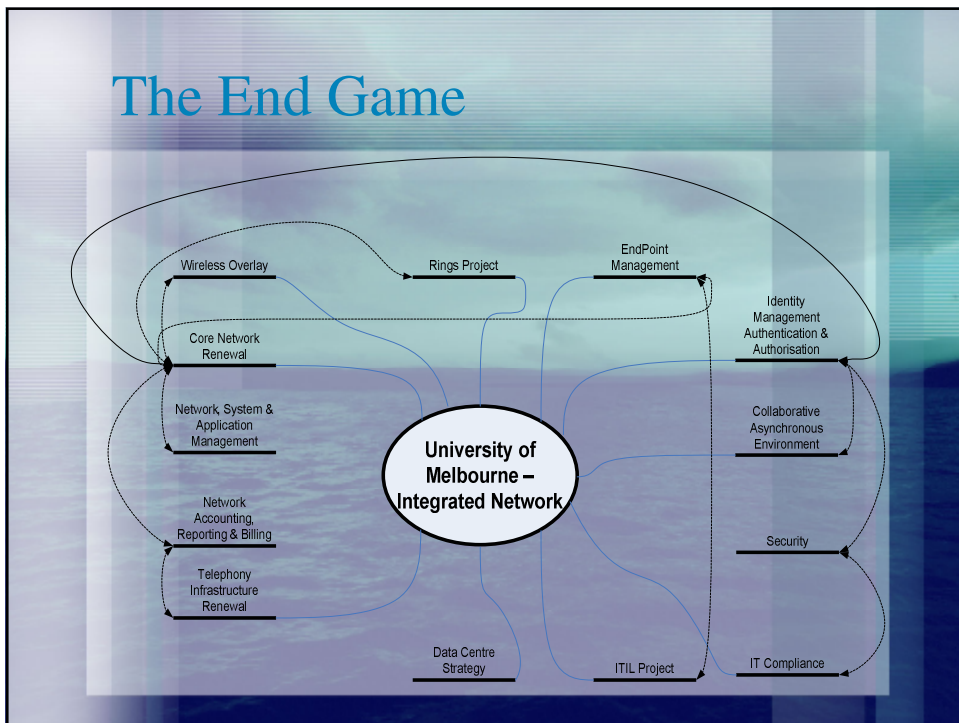
- **Wireless**
 - Re-Development of business requirements for Generation 2 of MUWireless service
 - Design of the wireless overlay network
 - Pilot & implementation

Practical Achievements

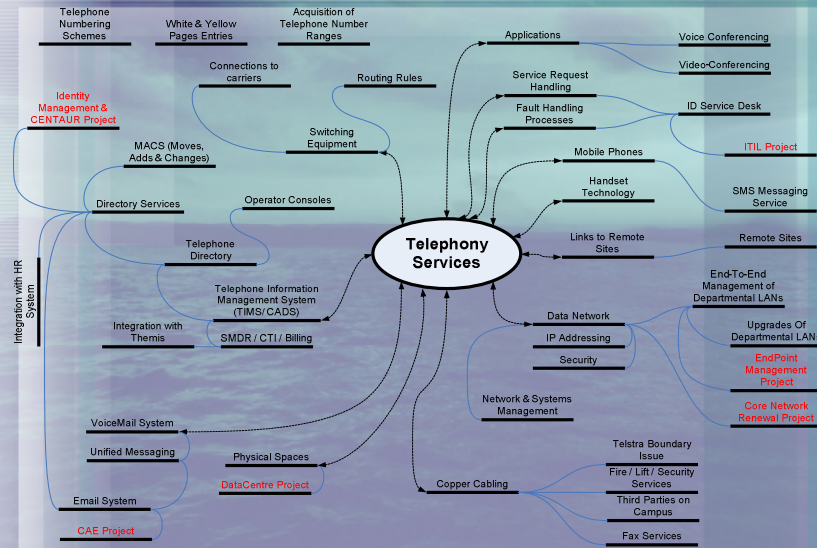
- **The University has not stopped.**
 - Relocation of network node from one building to new datacentre
 - Installed new conduits across campus, and installed new fibre capacity to new patching nodes
 - Major LAN upgrade in the main library space







The End Game – Telephony



Thank you
Questions?