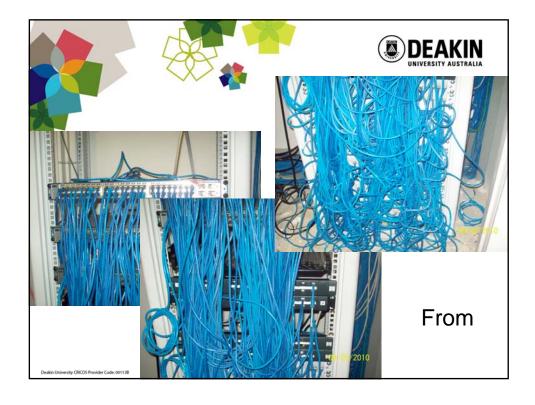
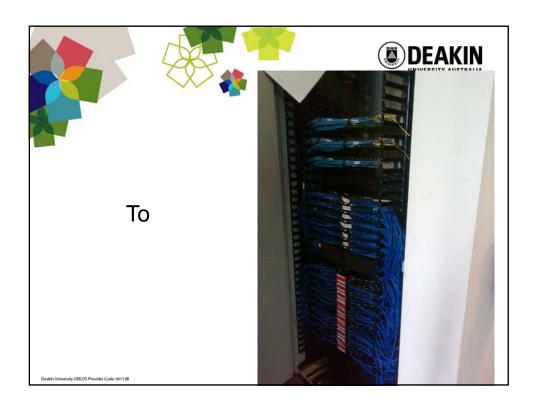


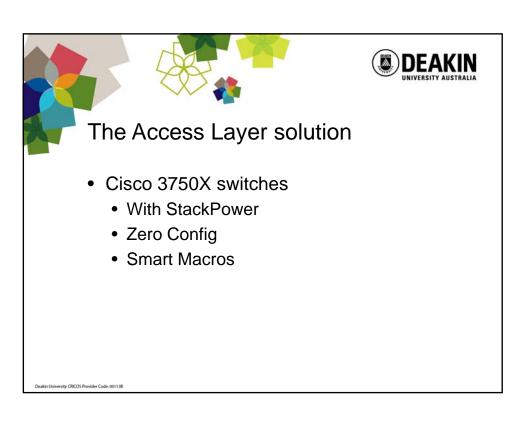


DEAKINUNIVERSITY AUSTRALIA

- 190 closets
- 400+ switches
- 900 WAPs
- 5,500 IP phones
- 7,500 PC's
- 150 Digital Signs
- 8 months of effort











Why Zero Config & Smart Macros

- Building Turn key
- Consistency
- 802.1x wired shortcomings



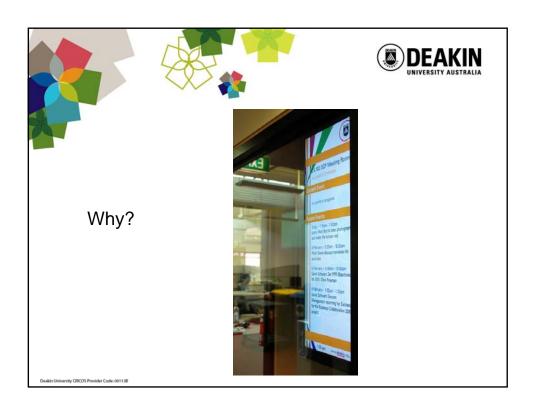


- Paint some rooms green
- Buy energy star rated equipment
- Virtualise we've done that
- Put PC's to sleep or hibernate
 - http://windows.microsoft.com/en-AU/windows7/Sleep-and-
- If the network is the computer, perhaps it can be the power switch!



- DEAKIN UNIVERSITY AUSTRALIA
- Preparing for the next big wave?
- Social Responsibility
- We're regional
 - Aquatic Science Research Tuna and Tides
 - The biggest carbon fibre furnace in the Southern Hemisphere
- We're on the road again!
- \$



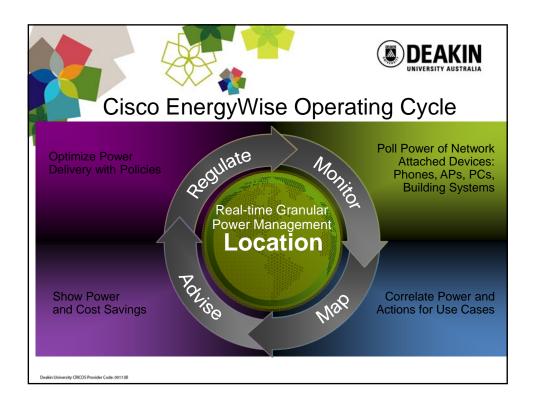


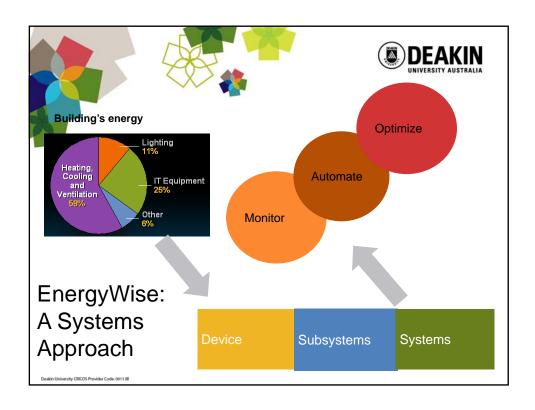


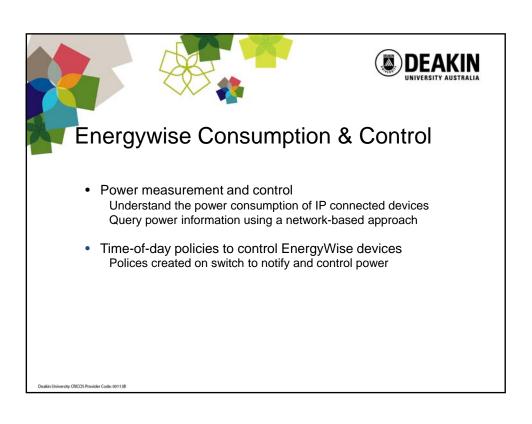
- Waterfront WAP Upgrade
- Times 3 more campuses
- We've IP-enabled all of our AV equipment
- We've started working with Facilities
 - Slowly breaking though on access control
 - Slowly breaking through on IP surveillane
 - Nirvana Building Control
- Everything is becoming IP enabled



approach to communicate messages that measure and control energy between network devices and endpoints. With Cisco EnergyWise the networkdiscovers Cisco EnergyWise manageable devices, monitors their power consumption, and takes action based on business rules to reduce power consumption. Cisco EnergyWise uses a unique domainnaming system to query and summarize information from large sets of devices, making it simpler than traditional network management capabilities. Cisco EnergyWise has a management interface that allow facilities and network management applications to communicate with endpoints and each other using the network as a unifying fabric. The management interface uses standard SNMP or SSL to integrate Cisco and third-party management systems.











Deakin's Green/Energywise Plan

- Stage 1 Recording
- Stage 2 Tactical & Practical
- Stage 3 Data Centre
- Stage 4 Building Management Systems

Deakin University CRICOS Provider Code: 001138





- 200 switches have been upgraded, 200 to go
- Energywise has been enabled on all the switches
- The Management Application has been installed
- Let the fun begin!

