

In the past

- Client Systems Infrastructure (SOE team)
 - Ghost & SMS 2003
 - Base apps installed automatically
- Learning Environments (Lab team)
 - Rembo & Deepfreeze
 - Monolithic image updated manually, customised configurations 43 images



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Previous lab technology

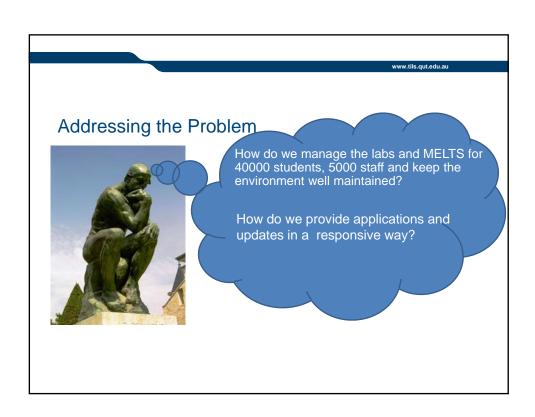


- PXE (pre boot technology). Works before windows has loaded
- File based only. No interaction with operating system.
- Large scale changes mean re-imaging is easiest option.
- Images are hardware dependent
- Supports older Windows, Linux. Did not support Windows 7
- · Not used in staff space

An imperfect process



- All software requests must be collated
- Last minute re-imaging of labs/MELTS
- EVERY software request is on the critical path
- Late software requests difficult to accommodate
- Changes to the images difficult to accommodate
- Staff Burnout

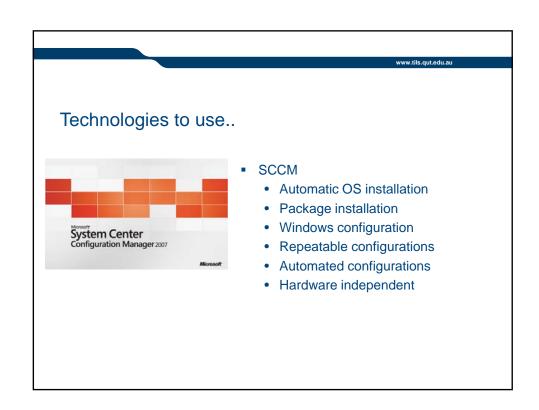


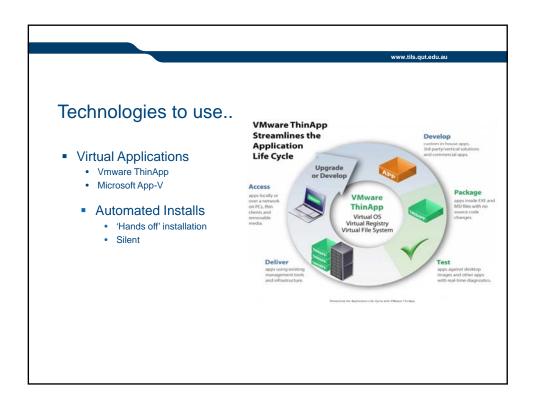
The Approach

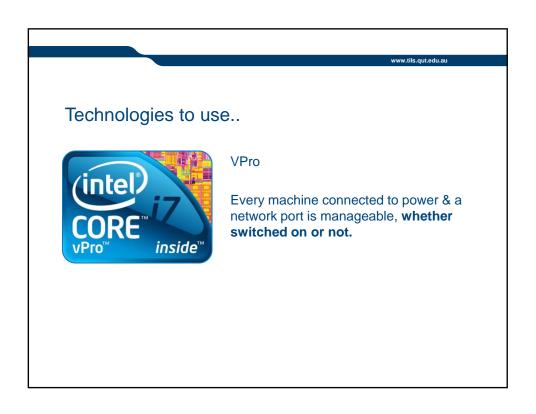
Work smarter not harder

- Use common technology across staff and student spaces
- Well managed environment
- Dynamic updating & software installation
- Staff input to process
- Improved Lab team work practices









Technologies to use.. (student labs only)



- · 'Reboot to restore'
- Allows users to be administrators. Changes are removed at next boot.
- Reduces support calls/costs to fix incorrect configuration changes
- Prevents dynamic updating (unless thawed)

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Challenges for the new direction

- Approx 650 applications
- Printer drivers and Windows 7 64-bit
- New Director

Challenges – The Melbourne Cup Day Incident



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Expect the unexpected









Semester 1 2011 success !!

SCCM much more robust than previous solution Greater cooperation from ITS departments in troubleshooting

By week 1,all labs deployed less BEE Faculty labs by request



Post-install challenges

IE default security settings higher than expected on internal sites Thinapp Firefox unstable with some filetypes Slow logins Printer mapping inconsistent

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Current status

- Well managed environment
 - Security updates / non-critical applications applied during regular maintenance
 - Urgent applications can be installed immediately (30 minute max contact time)
- Teaching staff
 - Call for software no longer required
 - Existing packages deployed within 24 hours
 - Applications requiring packaging 1-2 weeks lead time
- LE staff
 - No start of semester panic planned rollout of applications, not images
 - Able to be responsive to changes
 - Work/life balance

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Thankyou

For more information:

- Phillip Kent p.kent@qut.edu.au
- Adrian Whitaker <u>a.whitaker@qut.edu.au</u>