EA in Transformational Projects

Damian Bramanis
“Information Services faces formidable challenges”
– Review of Information Technology Services
Mitigate IT Risk

“I don’t have to worry about losing University data, or other major IT risks. Our systems are now more reliable, and we’re confident that our data is backed up.”
Reduce IT Support Effort

“IT support is easier and cheaper. Information Services provides high-quality network, server, storage, backup and directory services that the whole University uses.”
“The University’s new network was designed to support my data-intensive research needs. It is fast, reliable, resilient and can scale to meet our future requirements.”
Student Mobility

“I only need one username and password. I can login to any computer lab on campus, print to any printer, and access my online file storage from anywhere.”
Successful Transformational Projects

Deliver, deliver, deliver

Sense of urgency

Overlapping project phases
“I only need one username and password. I can login to any computer lab on campus, print to any printer, and access my online file storage from anywhere.”
"Good Architecture"  "Bad Architecture"

Risk
Risk vs. Reward

- "Good Architecture"
- "Bad Architecture"
Risk vs. Reward Matrix

- **Small Projects, Operational Work**
  - “Silver Bullet”

- **Transformational Projects**
  - “Impending Disaster”
Infrastructure-as-a-Service
Storage as a Service

- Student and Staff data
- New Courses 2012
- Data growth
- Backed up, redundancy

- CIFS, NFS, WebDAV, Web-based access
Server Management

• Operating System installation
• Patches, security updates
• Monitoring
• Backup and restore
• Basic response to incidents and alerts
“The effective executive focuses on contribution. He asks, ‘What can I contribute that will significantly affect the performance and the results of the institution I serve?’”

- Peter Drucker, The Effective Executive
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