Key UCLA Campus IT Accomplishments

Updated March 20, 2004

Milestones in red completed this past year
Milestones in blue in cost avoidance action plan

Completed with direction or assessment by
Information Technology Planning Board (ITPB),
Office of Information Technology (OIT)/Administration and/or
Information Technology Planning Board Assessment Process

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**IT VISION and PLANNING**

- Developed & distributed IT Vision Document - a result of broad campus consultation
- Deployed icompass website to communicate IT news to the campus – 10,000 regular users
- Deployed websites for IT planning, progress & IT committees
- Formed the Faculty Committee on Educational Technology and Computational Research Advisory Board
- Completed recommendations for campus IT cost savings and future positioning and have proceeded with implementation

**Student Integration**

- Stabilized Orion2 library system project & campus perception
- Completed Orion2 replacement RFP using new campus process; completed procurement of commercial system

**Research Leadership**

- Positioned infrastructure for and launched UCLA Computational Science & Engineering Institute (CSEI), jointly with Office of Research, Engineering, and Physical Sciences
- Established implementation plan for UCLA research computing based on a distributed, network-dependent model for organizing & managing resources & facilities independent of location; grid appliance put into operation
- Participated in successful NSF proposal for a 256 node cluster that will be positioned as joint physics and campus resources to launch CSEI

- Established ‘Technology Sandbox’ as the operational mechanism to realize the distributed computing model
- Shut down a centrally managed proprietary cluster to move to a distributed computational model
- Purchased high-performance computing cluster for CNSI
- Created vision & designed IT infrastructure for new CNSI building
- Realigned computation & media resources in Visualization Portal & Technology Sandbox to enhance UCLA’s external research visibility
- Realigned Academic Technology Services (ATS) resources toward research computation, new technology, data and productivity
IT VISION and PLANNING (cont’d)

**Scholarly Interaction**
- Established concept of IT Centers for Scholarly Exchange as a new academic innovation for UCLA
- Established pilot development with Center for Embedded Network Sensing (CENS); completed functional specifications
- Developed requirements for scholarly interaction; initial functionality in operation in Spring

**Increased Productivity**
- Established global campus strategy for transaction systems
- Established campus agreement on uniform data warehouse & reporting environment & completed formal planning
- Deployed protocol transaction & audit system for animal research
- Completed formal planning for IRB protocol transaction, certification & audit system & launched implementation
- Supported the purchase of a commercial electronic proposal and grants management system
- Completed planning and launched implementation of an Academic Personnel Case Tracking System
- Supported deployment of emergency & mass email systems in context of broader campus email
- Completed planning for new campus email address assignment model and launched implementation
- Completed review and launched implementation of degree audit system
- Completed progress review and adjustments to Student Records Database Rationalization project
- Completed plan review and launched campus data warehouse implementation
- Completed functional requirements and launched proof-of-concept pilots to position for building an Enterprise Directory

**Community Interaction**
- Deployed UCLA in LA system platform
- Deployed map-based directory of UCLA community activities
- Supported $800,000 in grant awards
- Deployed secondhand UCLA computers into UCLA sponsored community facility & drafted proposal to expand model
<table>
<thead>
<tr>
<th>INFRASTRUCTURE</th>
<th>PROCESS</th>
<th>POLICY</th>
<th>STAFFING MODELS</th>
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</thead>
<tbody>
<tr>
<td><strong>Desktop</strong></td>
<td>• Implemented an IT Policy review procedure</td>
<td>• Executed UCLA domain name policy</td>
<td>• Completed a campus contract for purchasing temporary IT staffing</td>
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<td>• Established campus contract for computer &amp; printer products</td>
<td>• Organized a security, privacy &amp; copyright incident response coordination team</td>
<td>• Completed draft policies on web content, electronic advertising &amp; privacy statements for broad review</td>
<td>• Completed a campus analysis of campus IT training practices and initiated program for coordinating training</td>
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<td>• Extended campus computer contract to faculty, staff, and student personal purchases</td>
<td>• Re-aligned IT planning &amp; organization around the IT Vision Plan</td>
<td>• Launched formal policy development for doing official business electronically</td>
<td>• Completed planning for insourcing approach</td>
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<td>• Purchased &amp; distributed anti-virus software to faculty, staff &amp; students for office &amp; home use</td>
<td>• Established an IT project initiation, assessment, planning, review &amp; implementation process for university-wide initiatives</td>
<td>• Drafted guidelines for costing, cost allocation &amp; governance of IT systems</td>
<td>• Established project manager forum to baseline project management practices within ITPB process</td>
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<td>• Completed UC contract for Microsoft products</td>
<td>• Established methodology for reviewing campus-wide IT projects</td>
<td>• Completed UC contract for Microsoft products</td>
<td>• Established a Uniform Public Network/Distributed Operations Model, standards, registry, and Standards Body for wireless networking</td>
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<td><strong>Systems</strong></td>
<td>• Completed UC contract for Microsoft products</td>
<td>• Executed SB 1386 policy</td>
<td>• Completed a campus contract for purchasing temporary IT staffing</td>
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<td>• Deployed next generation network for state &amp; national connectivity; completed cutover</td>
<td>• Established campus position on illegal file sharing, executed awareness campaign, and implemented groundbreaking DMCA response approach</td>
<td>• Established a Uniform Public Network/Distributed Operations Model, standards, registry, and Standards Body for wireless networking</td>
<td>• Completed a campus analysis of campus IT training practices and initiated program for coordinating training</td>
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<td>• Committed to new national optical research network</td>
<td>• Launched relationship with entertainment industry to work out constructive solutions and influence legislation</td>
<td>• Launched initiative to revamp voice &amp; network services cost allocation &amp; funding model</td>
<td>• Completed planning for insourcing approach</td>
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<td>• Upgraded campus backbone to gigabit connectivity</td>
<td>• Launched the development of stricter security policies</td>
<td>• Launched plans to establish privacy &amp; data protection boards to review all new data collection plans &amp; oversee implementation of policies</td>
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<td>• Promoted deployment of production campus wireless LAN in many common areas and conference rooms</td>
<td>• Established a Uniform Public Network/Distributed Operations Model, standards, registry, and Standards Body for wireless networking</td>
<td>• Launched VoIP production services pilot</td>
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<td>• Promoted increased Bruin On-Line message size &amp; storage capacity</td>
<td>• Established a Uniform Public Network/Distributed Operations Model, standards, registry, and Standards Body for wireless networking</td>
<td>• Launched data center risk and cost assessment</td>
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<td>• Promoted implementation of Bruin On-Line virus &amp; spam filtering &amp; established purchase agreement for distributed systems</td>
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<td>• Launched email consolidation design</td>
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<td>• Upgraded campus authentication system</td>
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<td>• Completed contracts for campus security and patch management systems</td>
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