California Gold
Profiles in Collaboration

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Outline

• The California State University’s Integrated Technology Strategy
• The University of California’s Common Systems Resolution
• Corporation for Education Networking Initiatives in California (CENIC)
• IMS Global Learning Consortium (IMS)
• Attributes of Successful Collaborations
The California State University

Integrated Technology Strategy
CSU Facts and Figures

- Founded as a system in 1960
- Largest four-year university in US
- 23 campuses plus Chancellor’s Office
- 400,000 students
- 44,000 faculty and staff

Problem: In 1995 getting ready to spend millions on technology with no plan.
Integrated Technology Strategy Progress 1996-2011

Outcomes
- Personal Productivity
- Excellence in Learning and Teaching
- Quality of Student Experience
- Administrative Productivity and Quality

Initiatives / Projects

Initiatives
- Distributed Learn & Teach
- Centers for Inst. Tech. Develop
- Multimedia Remedia
- Library Resources
- Baseline Training & User Support Infrastructure
- Procurement/Processes
- Streamline IT Deliv. Systems
- One Card
- Student Friendly Services
- Common MIS Systems
- Access

Access Pre-requisites
- Access Infrastructure Initiative
- Baseline Training & User Support Infrastructure
Lessons Learned

• Standards have been key to CSU successes
• Standards only matter when they are used
• Success in the CSU is being measured by outcomes—not by inputs
• Design needs to be optimized on use and users—not concept and developers
• The epitome of thinking globally and acting locally
The University of California

Regents’ “Common Systems Resolution”
UC Facts and Figures

• 10 campuses
• 5 academic medical centers
• 1 national laboratory
• 234,000 Students
• 33,000 Faculty and Academic Employees
• 98,000 Staff

Problem: In 2010 can’t afford to be “special” in everything it does.
Common Systems Resolution

• Regents direct the President to:
  – Implement common best-practice administrative systems (HR, Payroll, Finance, Student)
  – Implement common underlying technology support systems
  – Approve all new or significant campus system upgrades to ensure commonality and best practices across all locations
  – Only allow exceptions if materially higher cost or lower functionality would result
Current Status

• Signed contract with Oracle on Demand for common HR/Payroll system for all of UC
• General enthusiasm for moving forward
• Culture for collaboration not present, so bound to be some hiccups and false starts
• Strong senior management leadership
• Real challenge will not be the technology, but will be the change management issues
Corporation for Education Networking Initiatives in California

CENIC
CENIC Membership

• University of California
• California State University
• California Community Colleges
• K-12
• Private and Independent Universities
Collaborative Services for the Common Good

- Bleeding edge services for network researchers (experimental developmental network)
- Leading edge services for large applications users (high performance research network)
- High quality services for all K-20 California research/education users
- Strong collaboration despite extreme diversity of use and need
IMS Global Learning Consortium

IMS
The Scope of IMS Standards

Internet Access:
- Learners
- Faculty
- Administrators

Computer, Classroom, Mobile Platforms

Portal
- Learner Interface
- Faculty Interface
- Administrator Interface

Course / Instructional Management

Content Management / Repository

Search

Content Authoring and Rich Media Capture

Institution & Program Analytics Apps
- ePortfolio
- Summative Testing Content & Apps
- Social & Collaborative Learning Apps
- Digital Library Content
- eBook Content
- Homework & Formative Assessment
- Classroom Whiteboard, Capture, Interactive Response

Student & Course Data Exchange
- Administrative Systems
Enabling Leverage from Stds –
the IMS Approach

• **Educational Models:** Understand the new delivery models that we need to evolve to

• **The Role of Technology:** Identify how technology can support the new models

• **The Open Platform:** Provide the vendor neutral platform for open distributed educational innovation

• **Fostering Adoption:** Facilitate collaboration among leading organizations in identifying and addressing key leverage points – through large-scale implementation
Attributes of Successful Collaborations

What the UC, CSU, CENIC and IMS experiences have in common
Attributes of Collaborative Projects

• Collaboration is not a good in and of itself, but a means to an end

• Not all activities, processes, or systems can or should be collaborative.

• There needs to be objective criteria for determining what should/should not be collaborative.

• Benefits of Collaboration:
  – Reduces cost and minimizes risk from process variation.
  – Enables economies of scale to be achieved.
  – Enables institutions to produce together what they can not produce alone.
  – Facilitates optimization of best practices across the members
Attributes of Collaborative Projects

Levels of Collaboration

**Single Campus Model**
- Predominance of benefits achievable at an individual campus - **minimal economies of scale**
- **Minimal** need to **standardize** with other campuses
- Important to **individual** campuses

**Multi-Campus Model**
- Predominance of benefits achievable by collaboration among several campuses - **some economies of scale**
- **Some** need to **standardize** some items with other campuses in order to achieve the majority of benefits
- Important to **several** campuses

**System wide Model**
- Predominance of benefits achievable by collaboration among all campuses - **significant economies of scale**
- **Significant** need to **standardize** some items with most campuses in order to achieve the majority of benefits
- Important to **system**
Standards in Concept
Standards in Use
California Gold—Profiles in Collaboration

Questions?