

*Telecommunications & Technology  
Infrastructure Program (TTIP):  
Annual Report and Update*

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# *What is TTIP?*

- ◆ TTIP is a funding source designed to:
  - Provide a common technology infrastructure
  - Ensure all colleges have a base level of technological capability
  - Achieve an economy of scale for technological commodities
  - Efficiently operate centralized applications

# *Who Governs TTIP?*

- ◆ Telecommunications & Technology Advisory Committee (TTAC)
- ◆ System Office Technology, Research, and Info. Systems Division (TRIS)
- ◆ TTIP Managed by Catherine McKenzie

# *TTIP Funding*

<u>Fiscal Year</u>	<u>Funded Amount</u>
1996-97	\$ 9,300,000
1997-98	18,000,000
1998-99	28,000,000
1999-00	28,000,000
2000-01	44,300,000
2001-02	44,300,000
2002-03	18,500,000
2003-04	22,050,000
2004-05	23,397,000
2005-06	24,397,000
2006-07, 07-08, 08-09	26,397,000

# *TTIP Funding: The Model*

- ◆ Provide/pay for basic infrastructure first
- ◆ Pilot other desired technologies
- ◆ Pay for original development costs centrally
- ◆ Create subscription agreement for ongoing O&M
- ◆ Recycle funds to new projects

# *Why Central Technology?*

- ◆ Technology is not a “workload” categorical
- ◆ Per FTES is not an equitable cost model
- ◆ Technology scales; costs are reduced by scaling

# *TTIP: Strategic Planning*

- ◆ Tech Plans I / II / III
- ◆ Annual Tech Retreat: Review ongoing projects, assess pilots, generate new ideas
- ◆ Prioritize upcoming yearly activities

# *Networking: The TTIP Backbone*

- ◆ All colleges get free internet connectivity from CENIC; fully paid by TTIP (almost half of TTIP \$)
- ◆ CCC's now added to the CA Teleconnect Fund: 50% discounts
  - Recycled into "redundant" circuits and offsite centers
  - All colleges now getting telco discounts

# *Things that Run on the Network*

- ◆ CCCApply: Web-based common application
  - Subscription: 94 colleges, 1.2m apps in 2008
  - Espanol Apply, e-BOG waiver, residency algorithm

# *Things that Run on the Network*

- ◆ CCCTran/e-Tran CA: Electronic transcript exchange
  - 1<sup>st</sup> year: 47 institutions
    - ◆ 31 CCC, 14 CSU, National, Phoenix
  - Will eventually serve all K12/CCC/CSU/UC and many privates
  - Subscription agreement benefitting CCC's
  - Cost is about 50 cents/transaction

# *Things that Run on the Network*

- ◆ 3C Media/CCCConfer:  
audioconferencing, videoconferencing, e-conferencing, streaming media, video on-demand, content storage, distance ed learning objects
  - Confer: 17k meetings, 140k individuals
- ◆ Moving out of satellite delivery to internet-based delivery

# *Things that Run on the Network*

- ◆ **Electronic Library Subscriptions**
  - Funds allocated locally, then re-aggregated into purchasing consortia to drive down cost of commonly-used e-library/online research databases

# *Things that Run on the Network*

- ◆ @ONE: training and staff development for online teaching
  - 11,000 registrants for DE, in-person, desktop training
- ◆ Cal-PASS: K-20 data warehouse used for curricular alignment, supports professional learning councils

# *Things in Pilot*

- ◆ CurricuNet: e-curriculum submission system
- ◆ DE HelpDesk: 24x7 distance ed help desk/call center
- ◆ CCCGIS: Geocoding/mapping of CCC districts
- ◆ E-Portfolio: trialing 3 versions of e-portfolio software systems

# *Things in Concept*

- ◆ CCCAssess: centralized testing delivery
- ◆ E-Academic Planning: online academic planning services
- ◆ The Real Game: career exploration/guidance

# *The Grand Vision: SOA*

- ◆ One access portal that ties in a “service-oriented architecture” to provide all student e-services seamlessly, and integrated into local systems

# *TTIP and the Budget*

- ◆ TTIP slated for a 20% hit in proposed 09-10 budget
- ◆ Certain projects will have to take greater hits than others
- ◆ Categorical flexibility built into TTIP to accommodate this; no more “project” line items

