



Equipment Categories of Hardware and Software:

Desktop & laptops
Network switches & routers
Network monitoring tools
Video conferencing
Generators & UPS
Room Scheduling Software
Document Imaging
System Redundancy
Tape Backup

Printers
Servers
Wireless connectivity
Streaming media
T-1, DS-3, & Opt-E-Man
Portal Software
Firewalls
Smart Classrooms
Consolidated Server Storage

IT Projects and Major Accomplishments as of April 2010:

- **Relocation of District Data Center from Chabot to new IT Building at LPC completed April 3, 2010**
 - Spring break was selected for move due to minimum impact on students and faculty
 - Installed IBM servers in new environment which support the Banner Enterprise System
 - Relocated all other District servers to LPC for general services such as Groupwise email and activated new network infrastructure at LPC
 - Email and network services were restored within 1 day and Banner services were restored within 3 days

- **Equipment for new IT Building at LPC to house District Data Center**
 - Completed installation and testing of full Generator and UPS capabilities for the new IT Building for the District Data Center
 - Completed design to configure two new IBM servers that support Banner Enterprise System in September 2009
 - Provides expanded capacity and full redundancy with two identical machines synchronized for disaster recovery
 - Award of IBM Server Hardware/Software Contract to Chouinard & Myhre, Inc. in December 2009
 - Includes Vision Solutions Software for automatic asynchronous interface between the two IBM servers
 - Purchased laptops with storage cart for usage in the Training Room with flexible layouts for training classes with PCs or general conference meetings in February 2010
 - Purchased other equipment for new building which included network switches, printers, and PCs in March 2010

- **Evaluation of Document Imaging Systems for Colleges**
 - Vendor demonstrations performed in February and March 2010
 - Admissions & Records unanimously selected Sungard's Document Management System BDMS that integrates with Banner Enterprise System
 - Document Imaging will be extended to other groups in future

- **PC and Printer Hardware installed for new Chabot Facilities**
 - Faculty building IOB in January 2010
 - Student Services Center CSSC in April 2010

IT Projects and Major Accomplishments as of April 2010:

➤ Award of Cisco Switches and Routers Contract to AMS.Net in September 2009

- Second contract cycle, District standards updated

➤ Award of Desktop/Laptop Contract for HP units in May 2009

- Third contract cycle, District standards updated
- District has 4-year life cycle for PCs

➤ Purchase of Enrollment Management suite with Reporting/Analysis tools in March 2009

- Tracks student recruitment through admission to colleges
- Provides improved classroom space management with course projections and enrollment statistics

➤ Completed Conduit Rerouting for both colleges as part of Central Utility Plant

➤ Wireless access for Instructional areas at both colleges

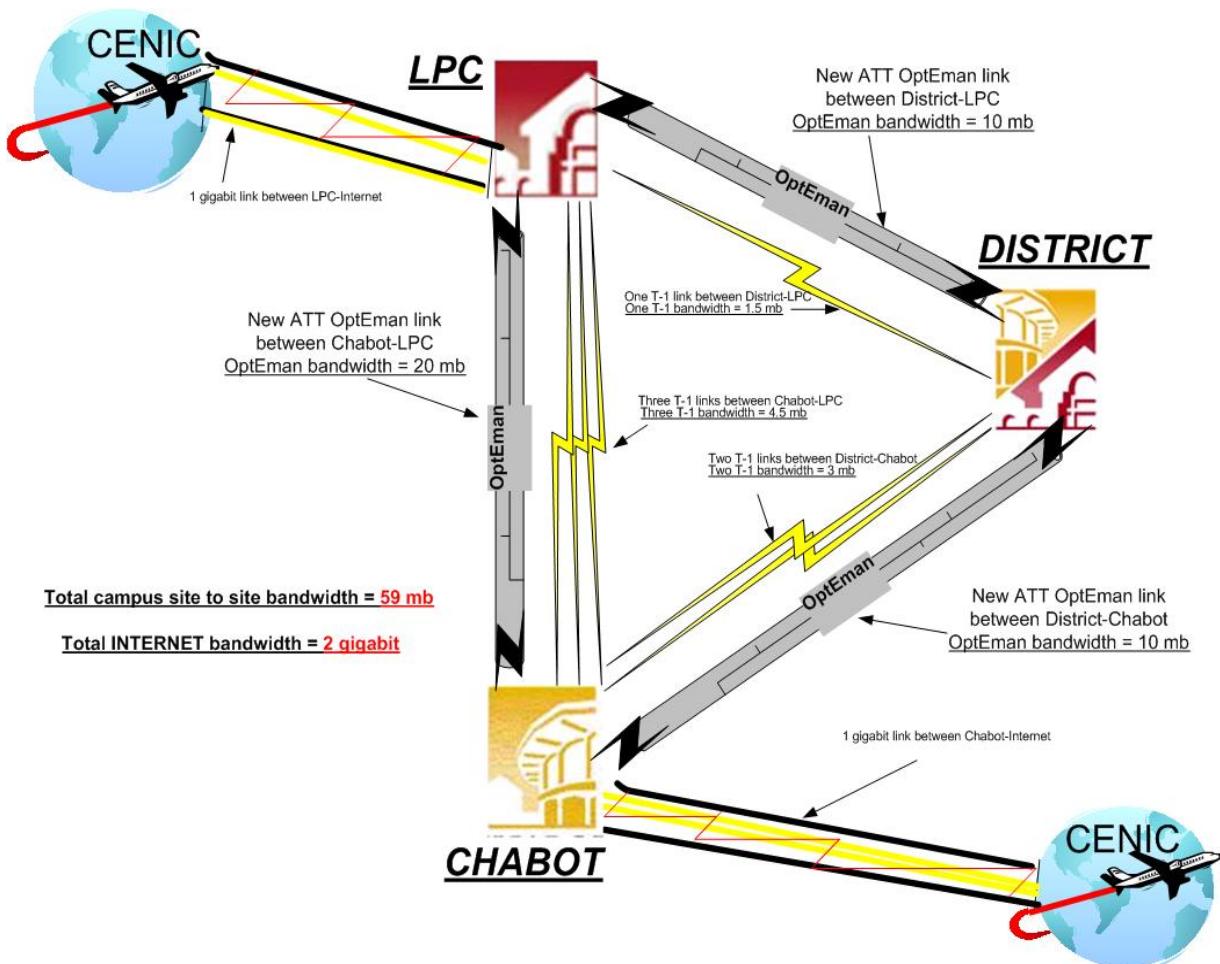
- Purchase of Centralized Management System in July 2009
- Installation completed in December 2009 and testing is in progress with full operation scheduled for Fall 2010
- Continued expansion of wireless access throughout new and renovated buildings at colleges besides general student areas

➤ Luminis Web Portal “The Zone” is operational with Student Email features

➤ Fully integrated consolidated Tape Backup System for Enterprise Systems

➤ Implemented CollegeNet Room Scheduling for online facilities management and room inventory capabilities

IT Projects and Major Accomplishments as of April 2010:



➤ Expansion of AT&T Opt-E-Man metro Ethernet Wide Area Network (WAN)

- Implemented new Opt-E-Man in 2008
- Installed new satellite site in Dublin in July 2009
- Future expansion to accommodate the relocation of District Data Center in April 2010 – bandwidth 10 mb increased to 20 mb
- Concurrent upgrade of college Internet lines provided by CENIC (state funded) due to increased traffic caused by expansion of Smart Classrooms
 - o Previous 45 meg lines replaced with 1 gig lines
 - o Completed Chabot CENIC gig expansion in November 2009
 - o LPC CENIC upgrade in process - scheduled for May 2010

IT Major Projects Planned through 2010:

- Purchase and install Generator for Server Room at Chabot in Building 300
- Expand usage of Luminis Web Portal and Student Email by Colleges
- Purchase and install Document Imaging Software for Electronic File Storage
- Install additional Video Conferencing capabilities throughout District
- Design and install centralized Streaming Video Services district-wide
- Consolidated Next Generation Storage Solutions
- Continue installation of Computer Equipment (4-year replacement life cycle)
- Continue Server Upgrades & Hardware redundancy as needed
- Continue to Expand Wireless Connectivity for all Smart Classrooms
- Continue Network Infrastructure upgrades to support Facilities plan