



**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 2011:**

### **➤ Evaluation of Document Imaging Systems for Colleges**

- Document Imaging System allows us to migrate to a paperless environment replacing manual files with electronic media
- Reduces facility space for file storage/archives and automates manual processes to achieve maximum productivity
- Vendor demonstration performed in February and March 2010
- Admissions & Records and Financial Aid groups unanimously selected Sungard's Document Management System (BDMS)
- BDMS integrates fully with CLPCCD's Banner Enterprise System and also can be used with other non-Banner Systems
- Many other California Community Colleges utilize BDMS and information was gathered about their experiences with the product
- BDMS product purchased in November 2010 and implementation will begin in February 2011
- First phase of implementation focuses on student records to allow A&R to replace their old transcript system ATIFiler
- First phase also includes student information related to Financial Aid
- Project kickoff began in January 2011 and gathering of requirements with user groups occurred in February through March 2011
- BDMS software was installed at CLPCCD in April 2011 and ATIfiler conversion with system testing will continue for the next several months.
- BDMS Training is planned for June through July 2011 with A&R and Financial Aid followed by a late Fall 2011 implementation.
- Second phase will extend to other groups like Finance, Human Resources, Payroll, and other college departments with scanning needs

### **➤ District Data Center Backup and Recovery Features**

- Verification of successful operation of the Generator and HVAC backup equipment in new IT Building occurred from April – October 2010
- Generators for Data Center have been exercised during campus power outages several times successfully to accommodate construction activity
- Backup units for HVAC for the Computer Rooms have been tested to confirm full operation in case of a failure for multiple scenarios
- Adjustments have been made to the automated processes for the HVAC backup units with successful results
- To support the remote equipment at Chabot, existing UPS was relocated from Chabot Building 300 to 200 in January 2011

## **IT Projects and Major Accomplishments as of April 2011:**

### **➤ 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
- Installed Oracle Dataguard on IBM computers in December 2010

## **IT Projects and Major Accomplishments as of April 2011:**

### **➤ PC and Printer Hardware installed for new Chabot Facilities**

- Faculty building IOB in January 2010
- Student Services Center CSSC in April 2010

### **➤ PC and Printer Hardware installed for new Las Positas Facilities**

- Performing Arts Center CCA in June 2010

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

- Second contract cycle, District Standards updated
- Continue to Install Switches and Routers in new facilities and renovated facilities at both colleges

### **➤ 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**

## **IT Projects and Major Accomplishments as of April 2011:**

### **➤ Wireless access for Instructional areas at both colleges**

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

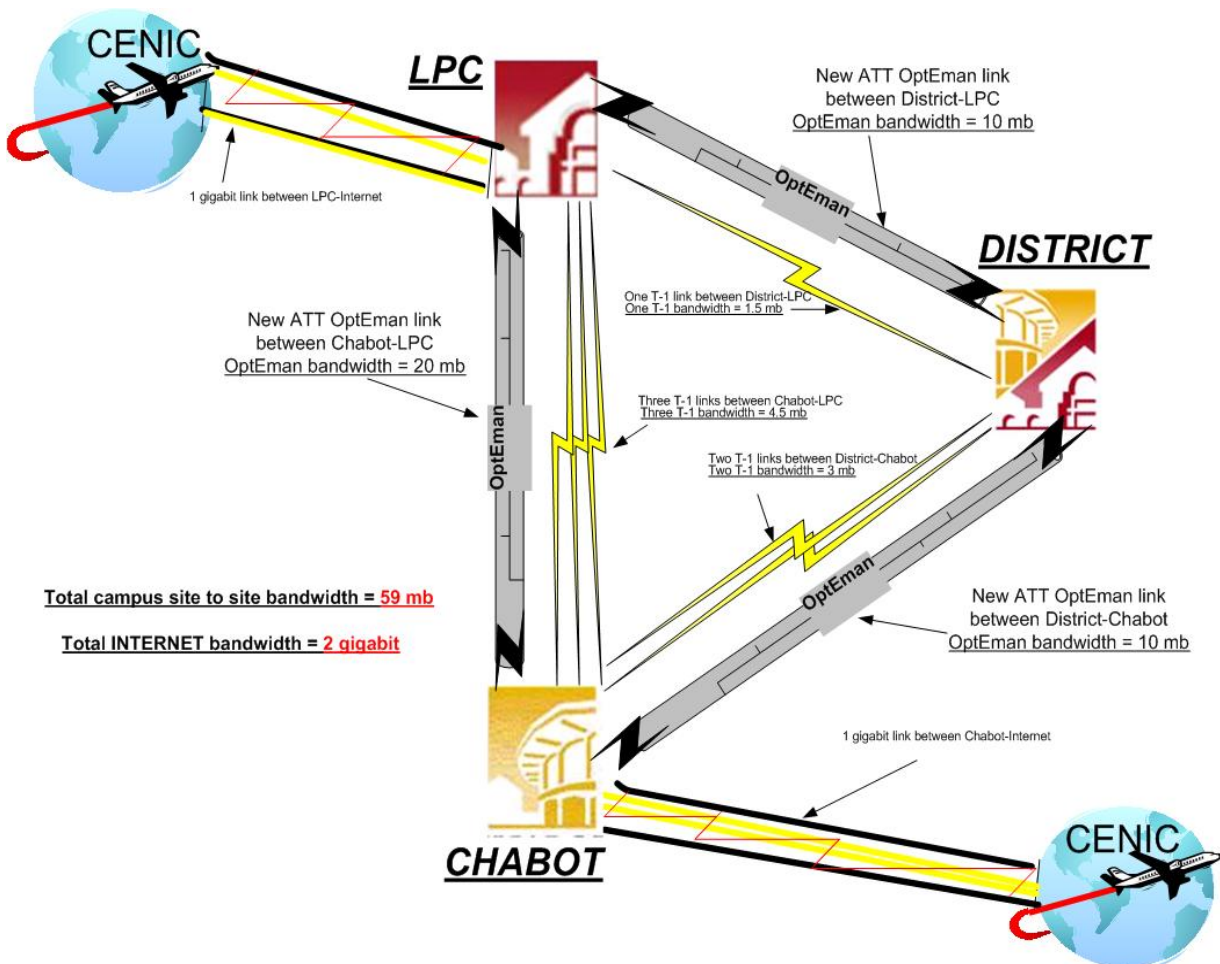
### **➤ Luminis Web Portal “The Zone” is operational with Student Email features “Zonemail”**

- Financial Aid was the first area to transition to electronic email correspondence with students in place of letters/mailers in Summer 2010
- Admissions & Records also began using Zonemail in Fall 2010
- Expansion of Email services with a new SMTP server to be used for A&R, Financial Aid, and new Banner Waitlist features in Fall 2011.

### **➤ 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 2011:



### ➤ 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
- Expansion completed 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 Completed LPC CENIC upgrade in process in May 2010
- Now have adequate bandwidth capacity to pursue other new technologies for the classrooms within the Measure B plan such as Streaming Video

## **IT Major Projects Planned through 2011:**

- Purchase and install Generator for Server Room at Chabot in Building 300 after building renovations are completed
- Expand usage of Luminis Web Portal and Student Email by Colleges
- Install Document Imaging Software for Electronic File Storage
- Install additional Video Conferencing capabilities throughout District
- Design and install centralized Streaming Video Services district-wide
- Implement Consolidated Next Generation Storage Solutions such as SAN and NAS where appropriate
- 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