

Wireless

The District developed Wireless Standards and Procedures that govern the installation, operation, and security of wireless network hardware and public access wired network connections. Hardware standards were established as part of the Bond Measure B initiatives. Wireless usage is limited to the Internet for student access and to instructional and faculty subnets for instructional purposes. The wireless connections will be expanded throughout the campuses as new buildings are available for occupancy or as renovations of existing buildings are completed.

Wireless access points have been installed at all 3 locations in strategic areas to maximize the coverage. To-date LPC has 22 access points, Chabot has 11 access points, and the District office has 2 access points. The wireless provides connectivity to the Internet in student areas such as the cafeteria, classrooms, and student labs. Future plans for the wireless network include the installation of a Central Management System to monitor and control the wireless access points by the end of 2009. This new system will provide central provisioning, central management, security, and maintenance of existing access points as well as future installations. With a centralized management system, it will allow us to scale and significantly increase wireless coverage in both campuses and accommodate demand for wireless devices such as Internet-enabled cellular phones, PDA, and laptops.