

Competitive Academic Experience

Benefits



Top-class Wireless

Enhanced wireless networks to meet students' demands for robust and reliable connections



Improved Cost Efficiency

Saved \$250K by refreshing existing Cisco solutions instead of replacing all equipment



Supported Virtual Classrooms

Used video communications to support up to 15,000 participants per month



Size: 100,000 Students

Location: Texas, U.S.

Industry: Education

Cisco Solution

- Installed Cisco Aironet 3700 Access Points controlled by a Cisco 5760 Wireless Controller
- Deployed Cisco Unified Communications solutions, including Cisco TelePresence systems
- Delivered robust networks with Cisco Nexus 7000 & 5000 Switches, Catalyst 6500 Switches, and 7606 Routers
- Centralized management with Cisco Prime Infrastructure

"Cisco helps us provide reliable and fast wireless, collaboration, and video services to keep students coming back to our campuses."

-Sherry Watson, executive director of technical services, Lone Star College System



With 100,000 students, the Lone Star College (LSC) System is one of the fastest-growing community colleges in the nation. In addition to serving more than a dozen school districts across the northern portions of the greater Houston, Texas, area, LSC also has a campus in Jakarta.

Modern students demand top-class technologies, including reliable wireless at their fingertips. Cisco is LSC's provider of choice for its innovation, support, and robust road map for the future. To stay competitive, LSC installed 3,000 Cisco Aironet 3700 Series Access Points with 802.11ac standard connectivity. Campus data centers, which include Cisco Nexus 7000 and 5000 Series Switches, are fully redundant to prevent any loss of service.

Cisco Prime Infrastructure consolidates the wired and wireless networks under a single monitoring and management system that streamlines management and enables LSC to grow networks without increasing IT staff. LSC is currently installing Cisco ISE to seamlessly control visitor wireless access.

Video communications, including WebEx and TelePresence systems, support up to 15,000 participants for month. LSC uses the system to support student-teacher meetings, virtual classrooms, and collaboration between teachers and campuses across LSC or beyond.

Next, LSC is looking into location-based services, including asset tracking, with Cisco Connected Mobile Experiences.