



Cal Coast Telecom installed data, AV, and security low voltage systems for the new Foothill-De Anza Community College District Education Center in Moffett Park.

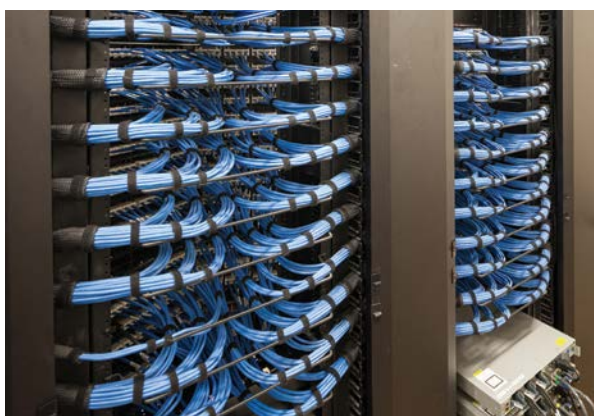
PHOTO BY NICK ELIAS

# Cal Coast Telecom Wires Data, AV, CCTV and Access Control for Foothill-De Anza Education Center



Cal Coast Telecom Project Team (Left To Right): Mitch Fountaine, Audio Video Project Manager; Doug Wright, Data Systems Project Manager; Phillip Butler, Security Project Manager; James Hartley, Security Sales Engineer (not pictured)

PHOTO BY NICK ELIAS



Cal Coast Telecom built out the two IDF closets on the northern side of the building and completed the fiber backbone which supported the students and faculty.

PHOTO BY NICK ELIAS

Cal Coast Telecom recently installed several low voltage systems for the new Foothill-De Anza Community College District Education Center in Moffett Park, including the data, AV, and security systems.

Cal Coast Telecom worked as a union telecommunications contractor for the project, in conjunction with technicians from the International Brotherhood of Electrical Workers Local 332 in San Jose.

The new \$25 million education center in Sunnyvale, now offering an expanded technology curriculum to students in Silicon Valley, replaces the iconic building known as the “Blue Cube,” once the main center at the old Onizuka Air Force Station, which once occupied the site. The “Blue Cube” served as a satellite operations facility for 50 years, closed in 2010, and was then demolished.

The new 46,000-square-foot education center offers expanded programs in technology and computer sciences, as well as liberal arts. The facility includes classrooms, offices and student spaces. The building has a unique architectural design, including an open atrium and radiant floor heating.

It is located immediately adjacent to offices for tech companies and to the Moffett Towers office complex. C.W. Driver was the general contractor; CSI Electrical Contractors served as the electrical contractor.

Cal Coast Telecom wired data connections to over 500 workstations located on two floors in the new facility. The data wiring was completed with CAT6 cabling, designed to a specific Panduit standard. Cal Coast Telecom also built out the two IDF closets on the northern side of the building and completed the fiber backbone as well.

In order to “hide” the data wiring with the atrium-styled building, Cal Coast Telecom had to maneuver its wiring around the atrium. The company ultimately designed a channel above the beams in the atrium that allowed them to successfully circumvent the open architecture and to keep the cabling hidden.

Cal Coast Telecom also installed the AV infrastructure and support structure for the dual screens and dual projectors wired throughout most of the 24 classrooms in the building. A few smaller classrooms only had one screen and projector installed.





PHOTO BY NICK ELIAS

**Cal Coast Telecom installed the AV infrastructure and support structure for the dual screens and dual projectors wired throughout most of the 24 classrooms in the building.**



PHOTO BY NICK ELIAS

**Cal Coast Telecom built out the two IDF closets on the northern side of the building and completed the fiber backbone which supported the students and faculty.**



PHOTO BY NICK ELIAS

**Cal Coast Telecom wired data connections to over 500 workstations located on two floors in the new facility.**



PHOTO BY NICK ELIAS

**Cal Coast Telecom technicians wired some 24 Pelco CCTV cameras around the first floor perimeter, along walkways and busy areas, as well as the stairwells. There are 14 CCTV cameras inside near main doorways and main common areas.**

The drop ceilings in the classrooms presented a challenge for the AV wiring, as the space within the drop ceiling was tight and required considerable skill to fit in all the AV wiring along with other wiring connection. Cal Coast Telecom also set up AV infrastructure in other areas, including the conference rooms, library, and lecture hall.

Cal Coast Telecom installed the access control system in the facility, as well as the CCTV and intrusion system. The systems are monitored by a central server at another college location. The access control system was wired to each perimeter door, as well as to a total of 46 main doors, including classrooms and conference areas.

Cal Coast Telecom technicians wired some 24 Pelco CCTV cameras around the first floor perimeter, along walkways and busy areas, as well as the stairwells. There are 14 CCTV cameras inside near main doorways and main common areas. The Bosch intrusion system installed by Cal Coast Telecom included 104 sensors on the first floor, guarding the entire perimeter of the building.

**Cal Coast Telecom is headquartered in San Jose and provides telecom, wireless, AV, security, and DAS infrastructure. For more information about Cal Coast Telecom, contact their corporate office at (408) 275-8888 or go to [www.cctcom.net](http://www.cctcom.net).**



PHOTO BY NICK ELIAS

**Cal Coast Telecom installed the Bosch intrusion system which includes 104 sensors on the first floor, and the entire perimeter of the building.**

## Cal Coast Telecom Team List Foothill-De Anza Education Center

**OWNER:**

Foothill-De Anza Community College District

**ARCHITECT:**

Lionakis, San Francisco

**GENERAL CONTRACTOR:**

CW Driver, San Jose

**ELECTRICAL CONTRACTOR:**

CSI Electrical Contractors, San Jose

**CAL COAST TELECOM LOW VOLTAGE SYSTEMS MANAGEMENT TEAM:**

Gary Olson, Operations Manager  
Doug Wright, Data Systems Project Manager  
Mitch Fountaine, Audio Video Project Manager  
James Hartley, Security Sales Engineer  
Phillip Butler, Security Project Manager

**LOW VOLTAGE INSTALLERS FROM INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS (IBEW) LOCAL 332, SAN JOSE**

Salvador Aquino, Greg Boucher, Chris Caldwell, Jaime Hawelu, Victor Lopez, Esteban Martinez, Telly Rollins