Pelco Cameras Cover Colorado Springs Police Substation

"I selected Pelco for the quality of [its] product, the service we receive ... the ability to integrate Pelco products with the access control system, the range of Pelco products offered, and the fact that Pelco has a GSA schedule."

– Eric Engle, Integrated Security Specialist, SimplexGrinnell, Project Integrator

Mission

When the $6.2 million Stetson Hills Substation opened recently in Colorado Springs, Colorado, there was a need for both indoor and outdoor cameras of the highest caliber. Not only do outdoor temperatures in Colorado Springs vary significantly, the area is also home to seasonal thunderstorm activity from May through October. The system needed to be able to continuously record all outdoor and indoor activities, integrate with the access control system and dependably and efficiently operate through all kinds of weather.

Solution

The system consists of Pelco's indoor (color) and outdoor (day/night) Spectra Series Dome Positioning Systems, along with Integrated Camclosure units and CC3700 Series fixed cameras. Working together, they capture the video images that are then stored on DX8000 Digital Video Recorders. The system is set to continuously record all activity on a 14-day loop and CD copies are made four to five times a month. To ensure high system reliability and survivability in case of a lightning strike, fiber optic cable is used for the transmission of video signals from exterior cameras to the DVRs. Power for exterior cameras is provided from isolated power supplies and a UPS/Surge Suppressor installed at the system head end also offers additional protection.

Result

The Pelco video security system has played an important role in helping secure the Colorado Springs police substation both day and night, rain or shine. Police Services Representative Kim Brunson has found the new system simple to use and highly effective, as it allows her to select specific cameras in order to focus on what is most important during her shift. The recorded data is also invaluable for ongoing investigations and for use as evidence in future cases. And while no individual component can survive a direct lightning strike, the substation's new system minimizes the possibility that an electrical surge could cause a serious system outage.