

Project Brief

ABCWUA



Albuquerque Bernalillo County Water Utility Authority Chooses IndigoVision



End User

Albuquerque Bernalillo County Water Utility Authority

Country

USA

Vertical Market

Industrial

Partner

Security USA

Technology Features

Amazing Quality Video
Ultra Low PTZ Latency
Reduced Network Bandwidth
Distributed Network Architecture



Background

Two of the biggest security challenges faced by the Water Authority included perimeter monitoring of a wide geographical area of 300 acres and protection of multiple remote buildings with limited connectivity. Because of the sheer size of the facility, shrinkage had also become an issue with thieves cutting through the perimeter fence with no prevention due to limited security camera coverage.

The challenge was finding an IP security solution that could easily be deployed on an existing network over a wide geographical area, with no network bottlenecks. The solution also had to give smooth PTZ control, with high quality live and recorded video, from multiple viewing stations anywhere in the site. Finally the solution had to integrate with the existing analogue cameras, keeping new camera spend to a minimum.

Solution

After a careful selection process, IndigoVision's IP video security solution was chosen by the Water Authority due to meeting the stringent requirements, the extensive feature set offered and the lower total cost of ownership. The installation was carried out by IndigoVision's Albuquerque based partner, Security USA.

In addition to IndigoVision IP Encoders being used to convert the existing analogue cameras, IndigoVision IP Cameras were also deployed to monitor new areas within the site. Network Video Recorders (NVRs) were used to record video from both the IP cameras and encoders with IndigoVision's Control Center software being used to view, control and playback video evidence.

"We were really impressed with the quality of both live and recorded video from the IndigoVision solution." said David Montgomery, SCADA Manager for the Water Authority. "Not only can we now view the video in our main security control room, several additional members of the team can now access video, from anywhere in the site, on their laptops. With our previous system, this wasn't possible."

"Being able to deploy cameras easily in remote locations has given us better perimeter monitoring. " David continued, "As a result, not only do we have a more secure site, we've reduced theft."

Benefits

- An improved secure site with significantly reduced threats and theft
- Improved perimeter monitoring achieved through easy to install remote cameras
- Operators can now access live video from anywhere on the site
- Smooth PTZ camera control meaning targets are easier to follow
- Security solution deployed on existing network infrastructure thanks to IndigoVision's low bandwidth and Distributed Network Architecture