



KBC Wireless Mesh Protects City Apartments

Residential Apartment Surveillance System

Background

An upscale apartment community in San Francisco, CA was looking to implement a robust video surveillance network to maintain the top-notch security that its residents demand. While the community was located in an area that was not marked by a significant crime rate, it still wanted the extra assurance that its residents would be protected from risks common to large, metropolitan centers.

The Challenge

San Francisco is notorious for dramatic temperature swings and a highly-corrosive coastal climate. As a result, any surveillance system would have to stand up to a variety of environmental rigors.

Additionally, the apartment community itself consisted of a collection of buildings with numerous line-of-site issues requiring a series of relays. As such, a traditional WES point-to-point or point-to-multipoint system would struggle to provide the wireless performance needed for the system to operate properly.

The Solution

A surveillance system featuring 10 wireless cameras and 8 KBC mesh nodes was quickly put in place. The mesh configuration allowed for the transmission of video signals from the cameras along the most viable route back to the security office, even with the inherent line-of-sight challenges. The industrial quality of the nodes themselves allowed them to easily withstand the many environmental obstacles.

Outcome

KBC's mesh nodes continue perform for the customer, keeping the apartment community closely monitored with robust wireless capabilities.

KBC's commitment to complete customer satisfaction was clearly demonstrated on this project. KBC's team of professionals worked closely with the integrator to ensure a successful deployment that met the customer's requirements and performed flawlessly.



KBC mesh provides an ideal wireless transmission solution for municipal applications