

Case study

Cleaning Up Montebello



Background

Montebello, Los Angeles, faced a graffiti and vandalism problem in its central business district and surrounding public parks. City officials feared the pervasive vandalism was driving away commercial traffic and eroding residents' and workers' quality of life.

The city's response was to install a video surveillance system which includes a special audio sensor designed to respond to the hiss from a can of spray paint so that a camera can hone in on the perpetrator and produce a time-stamped image of the offence.

Our Customer

Axium Technologies Inc. was the system integrator who handled the project

The challenge

To create a flexible transmission system to carry the IP Ethernet traffic

KBC's Solution

A point-to-point, MiniLink wireless Ethernet system that uses unlicensed frequencies in the 5.8 MHz band was deployed. The wireless cameras have a transmission range of 2,500 feet to two miles, (.8 - 3.2km) depending on the radio environment.

With the ability to put the cameras where they were needed as well as the cost benefit of not having to tear up the streets to install cable, the wireless solution offered an elegant and affordable solution. In addition, the plug-and-play simplicity of 802.11 and IP made the technology easy to work with once it was online.

The Outcome

"The decline has been significant," says Gary Pak, vice president of sales with Axium Technologies Inc., who cites unofficial estimates of a 30 percent decrease in graffiti incidents. "Before the cameras were installed, the number of graffiti incidents had been going up every year," he says. Pak then added, "The performance of the wireless system has been phenomenal. The system, the set up in point-to-point configuration, had no engineering flaws. We could do a camera installation in less than a day."

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<http://www.secprodonline.com/articles/63351/>

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