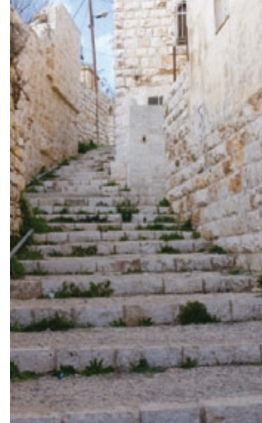


KBC Wireless Delivers Low Impact Transmission

Major Cultural Site Safety & Security System



Background

With millions visiting each year, a major cultural site has an obligation to keep watch over visitors to ensure their safety and security. KBC Networks provided a secure transmission system that enabled the installer to deliver a surveillance system with minimal intrusion.

The Challenge

The site had some available fibre but with cameras planned throughout the area, video signals needed to be brought back to the fibre from a number of surveillance points. The transmission system was required to be sensitive to the environment and its installation needed to create the minimum of disturbance.

The Solution

With no groundworks allowed, a wireless transmission system was chosen to provide the links from the cameras back to the fibre.

KBC designed a system of 10 separate stations to gather the signals from over 50 cameras. From each camera, the video signals are sent wirelessly via a point-to-point link to one of the 10 nodes. From each node point, a switch combines the signals and a media converter connects the video signal to the fibre so that it can be sent back to the control room over 10km away.

Installing the System

To make installation as fast and straightforward as possible, every link was pre-configured (setting the frequency and SSIDs) and labelled with the location and gantry point.

Once on-site, all the installer needed to do was mount each unit and then connect power and the video. Each client unit then linked automatically to its host without further commissioning.

Outcome

The surveillance system was successfully installed and is fully operational. With each link pre-configured, installation was simple and fast. Today the system discretely keeps watch over visitors to ensure their safety and security.



data delivered

www.kbcnetworks.com

Multiple, Point-to-Point Wireless System

