



Case Study - Border Video Surveillance

Border Video Surveillance: International Border Control

Requirement

To provide reliable security surveillance over large areas using wireless CCTV transmission. Units employed need to be rugged and able to withstand wide and rapid environmental temperature variations.

The Solution

Utilisation of WiSystems radio communications units to provide high quality wireless video transmission between a car and remote surveillance vehicle.

The requirement was to ensure that CCTV positions in remote areas along the border are connected to a high bandwidth radio and linked back to monitoring positions.

Initially implemented using competitors radio systems, during the course of the first year, many of these units were replaced and trials of alternatives from a number of different manufacturers were conducted.

Many of these units failed after a short period, mainly due to heat variations – extremely hot during the day and cool at night). In addition, the units could not support the long range requirements of some of the installations.



Choosing a Wireless Solution

The system provider commenced a search for alternative rugged units that could also handle the data rates over distance and provide ease of installation.

Upon recommendation, WiSystems units were supplied for evaluation. No training was necessary and the client installed the units within an hour of receipt, finding the installation straight forward and intuitive.

The units provided ample bandwidth and operated faultlessly in extreme conditions. Further units were ordered until the entire system had been replaced by WiSystems units.

The system has been expanded over the course of 2006-2007 and these units have become the recommended supplier of CCTV radios in many installations of this type.