

WIRELESS CCTV SURVEILLANCE COOLS DOWN LOCAL TROUBLE HOTSPOTS



We offered a Wireless IP CCTV solution to provide ... a robust flexible system and the ability to expand rapidly without incurring significant capital expenses. The PMP320 was the perfect solution for the CCTV opportunity presented." Vern Elms, Managing Director, EZI Communications

SITUATION

Local businesses in Tara identified several hotspots for anti-social behaviour, especially in one particular street in the vicinity of the library, a hotel and a bank branch.

Other areas of concern identified by local residents and the Queensland Police Service were the local skate park and the town's Lagoon.

Because the police service needed assistance in identifying the individuals involved, the Council decided to install a CCTV system to monitor those areas and provide detailed footage for the sole use of the police service.

A site survey undertaken confirmed that tree foliage was a line-of-sight issue, that there were serious challenges when it came to cabling individual CCTV locations, and that fibre optics were not a cost-effective alternative. The system was to be designed and implemented with further expansion as a definite possibility.

SOLUTION

The decision was taken to implement a wireless CCTV system that monitored the hotspots on the street in question, as well as those at the Lagoon and skate park.

Five remote sites were set up across a wide geographic area in the township, some with no line of sight, ranging from one camera on a single pole to a group of three cameras mounted together.

Each site included a single Point-to-Multipoint 3.6Ghz licensed PMP 320 Subscriber Module, as would future installations should the need for them arise.

Also utilised were a PTP 500 5.8Ghz unlicensed, Wireless Manager, Link Planner and Broadband Planner.

RESULT

Tara now has a robust, flexible system with the ability to expand rapidly without incurring significant capital expenses.

The mere presence of the system has increased public perceptions of security around the areas being monitored. Businesses in the main street now have an extra layer of protection because the Queensland Police Service can easily extract high-quality footage from the system to investigate street offences.

CUSTOMER PROFILE

Western Downs Regional Council covers an area of 38,039 square kilometres in Queensland, Australia, located approximately 300 km south west of Brisbane.

With a population of under 40,000, the region's main industries include agriculture, mining, and energy. The Council itself is responsible for the smooth running of 23 separate towns, including Tara, the town featured in this study.

"Council is serious about making our towns safer and better places to live for all residents, and this measure will give concerned members of the Tara community some peace of mind."
Cr Ray Brown, Mayor