

Case Study

Fixed Solution for Local Council

The Client

The Kooyong Road shopping area in the City of Belmont, Perth, is a popular local amenity comprising 13 independent businesses, including a café, IGA and a pharmacy. The City aims to provide an environment that is attractive, safe, healthy and prosperous by working closely with local businesses and the community along with the Police service and the Office of Crime Prevention to ensure a collaborative and coordinated approach to crime prevention.



The Challenge

The area is well used by the local community, however like many similar shopping areas the area was perceived to have a high rate of anti-social behavior, including criminal damage (graffiti). Existing CCTV systems worked in isolation from one another, could not be accessed remotely and were not an effective means of capturing high quality evidence. Shaun Nancarrow, Coordinator of the City's Crime Prevention and Ranger Services, was looking for an automated way of capturing human behaviour that was currently being missed by traditional CCTV systems and only really provided post-event value.

The Journey

Existing cameras were in place at the IGA and café but the images were poor quality and were not linked into a central location. In addition there was no easy way to share the video footage with external stakeholders, such as the police.

The Discovery

Shaun had previously been impressed by the quality of the images, capabilities and flexibility of the GPAC System™ installed in the City of Belmont's Neighbourhood Watch Security Vehicles and was keen to implement the same cutting edge technology in the Kooyong Road project, while also linking the CCTV systems to the City of Belmont Alarm System Program.

State of the Art Solution

ETCorp's GPAC System™ is a unique software platform that allows remote monitoring and control of fixed or mobile cameras as well as devices. Real time video and data can be securely accessed from a standard web browser either on a computer or mobile device, from any chosen location. The GPAC System™ is completely flexible, enabling ETCorp to develop a cost effective monitoring system based on the City of Belmont's requirements. Zenien, ETCorp's installation partner, worked with the City of Belmont to develop a complete, reliable solution that was delivered on time and under budget.



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The solution provided by ETCorp and installed by Zenien for the City of Belmont enables the focus to shift from commercial and residential buildings in response to sensors, duress devices and burglar alarms. When an alarm or event is detected the nearest cameras move to a pre-determined location.

For example if an alarm is raised at the café, the GPAC System™ will move the camera to view the front of the café from two separate angles. At the same time police and security can access the live feed from all cameras, including the cameras inside the café. Simultaneously the GPAC System™ will send alarm triggers to mobile guards and security control centre. All relevant parties will receive a text message and/or email alerting them to the event.

Simple Implementation

Zenien completed the installation of the GPAC System™, including all new cameras and hardware within three days. The first stage of the project was to put poles up for the new Axis PTZ cameras, followed by installation of the wireless network, server and rack and finally configuration of the internet connection.

The analogue cameras from the existing IGA and café CCTV system were connected up to the GPAC System™, with potential for four additional cameras to be added in the future. Phase 2 of the project will involve adding a further two PTZ cameras on poles to protect the rear of the buildings.



Effective Results

By using the GPAC System™ it has enabled the City of Belmont to establish a partnership with community; bringing business and residential communities closer together in a single innovative and adaptable solution. Immediately following installation of the new system criminal damage (graffiti) in the Kooyong Road area has been significantly reduced.

Shaun Nancarrow, explained the benefits gained from using the GPAC System™, "Using a hybrid solution to combine CCTV, alarm systems and other detection devices such as movement or spray paint sensors adds value to both technologies. The GPAC System™ brings technology together, essentially making redundant CCTV systems smart."



The GPAC System™ is much More Than Video™ and has provided the City of Belmont with an innovative, flexible and cost effective solution to the problem of monitoring both commercial and domestic properties. Businesses and residents of the Kooyong Road area now enjoy a safer environment. Following this success story other local authorities are keen to find out how the GPAC System™ can bring can help them to reduce costs and incidents through intelligent solutions for interoperability.