Case Study
Residential Automation

The Client

The residence is a high value second home, located in an exclusive, beachside community 300km south of Perth. The property is used both by the client and his family, and as an investment property is regarded as a much valued asset and holiday location.

The Challenge

Being in a remote location with limited utilities offers unique challenges. Tank levels need to be monitored to ensure sufficient water is available. As the owner is based in Perth, a four hour drive away, monitoring the property remotely to ensure peace of mind was a real concern. During the summer the property is occupied regularly by the owner's family, however over the winter the house can be empty for long periods.

The Journey

Previously the property did not have any security or maintenance monitoring in place so required regular visits by the owner. Traditional monitoring systems were considered, but these proved to be expensive, requiring complex installation and worked in isolation from one another.

The Discovery

The client was looking for a simple solution that could be adapted and expanded to accommodate future requirements. The system needed to be quickly installed with the ability to add further devices with minimal technical knowledge using local contractors.

State of the Art Solution

ETCorp's GPAC System™ is a unique software platform that allows remote monitoring and control of any fixed or mobile camera or device. Real time video and data can be securely accessed from a standard web browser either on a computer or mobile phone, from any chosen location. The GPAC System™ is completely flexible, enabling ETCorp to develop a cost effective monitoring system based on the client's requirements.

The GPAC System™ installed in the house is "More Than Video™", enabling all of the security and monitoring devices to be connected, controlled and viewed remotely via the internet. The system features:

- High resolution Axis IP cameras
- Weather station measuring air temperature, wind speed and direction
- Water tank level monitor
- Fire control/reticulation system
- Smoke detectors
- Remote control to activate/deactivate system

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The GPAC System™ enables full, real-time monitoring of the property. The camera and movement sensor situated on front porch allows identification of visitors, while the external store room has a camera and light which are triggered when the door is opened. At the rear of the property is a PTZ camera, which can be moved remotely to check out the surf at different beaches. Triggers from weather station can alert the owner by SMS or email when conditions are favourable. These alerts can be scheduled to only be sent between certain times of day, or on specific days of the week.

Simple Implementation

Cameras, smoke alarms and the water tank level monitor were fitted in the initial installation, with the weather station and reticulation system installed later. The flexible, expandable GPAC System™ enables further devices and cameras to be added and configured easily with no need for detailed technical knowledge.

Effective Results

The owner is now able to monitor the property remotely from the convenience of the office in Perth. No more need for unplanned trips to the property for maintenance or security concerns. The sprinkler system can be remotely controlled if a fire threat is raised, helping to reduce risk on a valuable asset. The GPAC System™ offers complete security and peace of mind and being able to check out the surf conditions from his desk is a real bonus! Installation of the GPAC System™ enables the owner to enjoy his favourite escape even when his busy schedule doesn't allow him to visit. The owner is now looking forward to being able to add more sensors and cameras as the situation changes at his property, whether for personal, security or environmental reasons, taking advantage of the latest releases in technology.

GPAC System™

GPACsystem™

etcorp