



# Safety, Assets & Surveillance



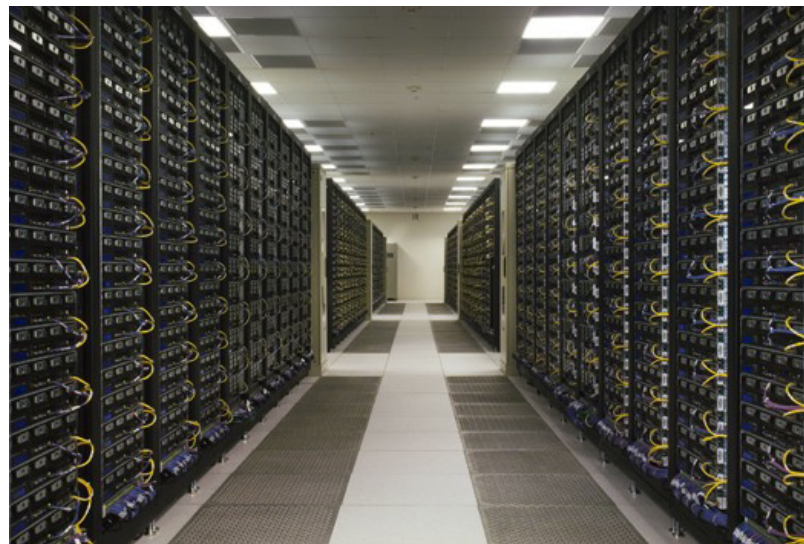
Complete monitoring at your fingertips

**HVR** Security

## Australian Satellite Communications & HVR Security

Australian Satellite Communications and HVR Security (Australia's only Axis Communications Hosted Video Service Provider) are now delivering a state of the art cloud based video surveillance service.

IP network cameras that use minimal bandwidth can be used for projects and areas that were typically not thought workable. The VSAT friendly cameras enable all stakeholders to access Live View and recorded events via the internet or mobile devices.



Off Site Storage Server

## Hosted Video Recording Benefits

### Safety & People Protection

- Reduce unnecessary travel, saving money
- Avoid putting people in hazardous environments
- In-House monitoring and recording of critical operations for insurance claims
- Provide on-call personnel with Live View for decision making
- Visual infrastructure in place in the event of emergencies

### Asset Protection

- Equipment alarm alerts trigger camera recordings; Live View to assess issues allowing for deployment of correct personnel.
- In-House monitoring and remote I/O control of equipment via the camera.
- Focus personnel onto assets with the highest priority
- 24/7 off-site video recording and backup

### Surveillance and Security

- 24/7 client access to Live View surveillance and triggered alarm emails
- Intelligent cameras include thermal imaging to see in total darkness
- 24/7 detection - day/night cameras, all weather and explosion proof housings
- In-house or remote monitoring and decision making
- Fully encrypted video streams to multiple accounts

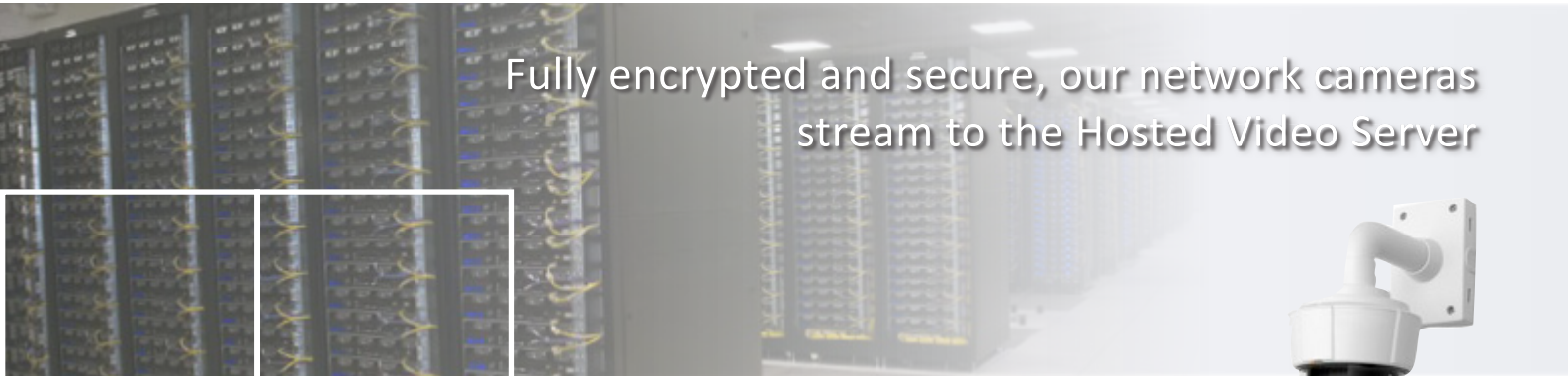
Let the cameras and technology do the work -  
24/7 off site recording and backup for full redundancy



# Axis Network Cameras

## No network configuration needed

Fully encrypted and secure, our network cameras stream to the Hosted Video Server



*Connecting an Axis camera with support for HVRS and One-Click Camera Connection requires no network configuration.*

*Regardless of the Internet service provider, routers and firewall settings it is easy to install and add cameras to the system, without compromising the desired security settings.*



Based on open IP standards, Axis network cameras connect to any kind of IP network, including the internet, and enable remote viewing and recording from anywhere in the world. They also provide advanced video analytics features, such as motion detection, audio detection and tampering alarm.



### Superior image quality

Axis network cameras are built around the company's own application specific chips and provide crystal clear video images as well as outstanding network performance. In addition, almost all Axis network cameras employ progressive scan for superior image quality even in scenes with a high degree of motion.

### Flexibility in video format, including H.264

Axis network cameras offer users the option of more than one video compression format. These formats include Motion JPEG, MPEG-4 Part 2 and H.264. H.264 is the latest addition and is expected to become the video standard of choice in the coming years. H.264 offers substantial savings by reducing storage costs and increasing the overall efficiency. Without compromising image quality, H.264 can reduce the size of a video file by 80% compared with Motion JPEG and up to 50% compared with MPEG-4.

### Multiple, individually configurable streams

With this capability, the network camera can provide multiple streams from each video channel and each stream can be configured differently in terms of compression format and level, frame rate and resolution. For example, one stream can be configured with maximum compression and low frame rate for storage purposes; another stream can be sent with a higher frame rate and less compression for live viewing; and a third stream with high compression and low resolution can be sent to mobile devices.

### Enhanced video surveillance with audio

A microphone or audio equipment can be connected to Axis network cameras with integrated audio. Audio enhances the video surveillance capability by enabling users to also listen in on an area or pick up unusual sounds. Audio detection can also be used as an event trigger, which for example can be used to direct a PTZ network camera or initiate recording of video at the sound of a broken window or footsteps.

### Cost-saving Power over Ethernet (PoE)

Most Axis network cameras can be powered over the Ethernet (using the same Category 5 cable as for data transmission). Installation is easier and costs are reduced since there is no need to run separate cables for power. It also makes it easier to move a



camera to a new location. With Power over Ethernet, a camera can still operate in the event of a power failure if the network is connected to a centralized backup power with an Uninterruptible Power Supply.

### Powerful event management for interaction with the environment

Axis network cameras provide powerful event management capabilities with inputs/outputs for connecting external devices such as sensors and relays. This enables the system to be constantly on guard in analyzing inputs to detect an event. Once an event is detected, the system can automatically respond with actions that may include video recording, sending an e-mail, activating lights, closing doors and sounding alarms.

### Thermal imaging for detection even in total darkness

Working outside the spectrum of visible light, thermal cameras register thermal radiation and produce images that show the temperature variations in the scene. The reliance on thermal imaging enables the camera to detect people, objects and incidents in total darkness and under other challenging conditions such as smoke or fog, or when subjects are obscured by a complex background. These qualities make them ideal for detection and thus a perfect complement to any network video system.

