

Security at Aspen Hills Nature Estate heats up! Axis thermal cameras keep luxury residential estate safe as houses.



Organization:
Aspen Hills Nature
Estate

Location:
Johannesburg, South
Africa

Application:
Safety and security

Axis partners:
Hymax Telecoms, NUUO

Mission

Aspen Hills Nature Estate offers residents a lifestyle created around spectacular landscapes, healthy outdoor activities and a tranquil atmosphere. In order to maintain this harmony and serenity, it is necessary to ensure that homeowners and their properties are thoroughly protected. The only way to achieve this is through the deployment of an advanced security system supported by cutting-edge products.

Solution

As with any residential estate, the perimeter of the property presents a real risk in terms of unauthorized entry and criminal activity. Hymax Gauteng, Aspen Hills' security system integrator, selected Axis thermal network cameras in order to overcome the challenge of providing a surveillance solution in a completely dark environment.

Result

The absence of illumination no longer hinders the detection and apprehension of intruders. Residents of Aspen Hills Nature Estate are able to enjoy the peacefulness and splendor of their country-style living without the constant threat of security-related incidents.

"Ensuring that the perimeter is effectively secured is critical for the well-being of the residents of Aspen Hills. The Axis thermal cameras are an integral part of this process."

Roland Habib, Hymax Gauteng Director.

A delicate balance of nature and technology

Aspen Hills Nature Estate, situated among the historic hills and dales of the Klipriviersberg, offers country-style living only 8 km from the central business district of the southern suburbs of Johannesburg. Combining the convenience of close proximity to schools, shopping centers, golf courses and business premises with the tranquillity of natural wetlands, lakes and parklands, Aspen Hills provides those lucky enough to reside here a unique and highly sought-after way of life.

One of the most critical issues affecting South African households today is crime. In order to maintain the 'away from it all' feeling, many remote housing establishments are faced with increased criminal activity as a result of the absence of police stations and other law enforcement organizations. Aspen Hills Nature Estate chose not to allow ineffective security measures to detract from the comfort and splendor of their exquisite surroundings.

"The sheer immensity of Aspen Hills' boundary necessitates an IP-based solution. Axis thermal network cameras are ideal for perimeter protection of this magnitude," remarks Hymax Gauteng Director, Roland Habib. "It is imperative that the on-site security company can react immediately to any potential threats before the perimeter is breached."

Eliminating the guesswork

Hymax Gauteng recognized that, in order for Aspen Hills to provide their residents with adequate security, the estate's perimeter required round-the-clock monitoring by a surveillance system that is capable of high quality detection and wide range coverage. Since Axis thermal network cameras create images based on the heat that every object, person or vehicle radiates, the cameras are able to detect any suspicious activity taking place in their field of vision, even in complete darkness.

Hymax Gauteng selected the AXIS Q1921 Thermal Network Camera for this installation. AXIS Q1921 features motion detection, audio detection, and detection of tampering attempts and is immune to such challenging conditions as darkness, dust, haze and fog. "The extensive range of Axis products and the availability of thermal network cameras make it easy to ensure that the customer gets the perfect fit for their specific requirement," says Habib.

NUUO video management software manages all of the feeds from the thermal cameras. This footage is monitored off-site by an armed response company via a high quality wireless link and stored externally for inspection in the event of an incident or query. Security guards patrolling Aspen Hills can be contacted and dispatched in a timely manner to areas of the estate affected by suspected or apparent criminal activity.

An environmentally friendly solution

As a result of Hymax Gauteng's experience in solar solutions, Aspen Hills selected the greener option when it came to powering its surveillance system. Although battery back-up is available for emergencies, the optic fiber network ring is driven predominantly by solar power. Aspen Hills continues to focus on providing the most effective, advanced security in order to safeguard residents and their assets. IP cameras are being rolled out to monitor other high risk areas.

