

Axis Communications secures high value vehicle stock.

Vehicle Delivery Services contracts The Surveillance Factory to install Axis network cameras in vehicle storage and transit yards.



Organization:
Vehicle Delivery
Services (VDS)

Location:
Gauteng, South Africa

Industry segment:
Transportation

Application:
Vehicle storage and
transit yards monitoring

Axis partner:
The Surveillance Factory

Mission

Vehicle Delivery Services (VDS), the leading logistics service provider to the sub-Saharan automotive industry, operates 200 specialized vehicle-carriers, transporting commercial vehicles and passenger vehicles from its South African-based storage facility to all major cities in Southern Africa.

The high value of the vehicles from manufacturers such as MBSA Et Volvo and the significant operational risk involved in moving these vehicles within the huge bonded storage yards requires suitable management strategies. An effective monitoring solution is absolutely imperative for these premises.

Solution

The Surveillance Factory, a company specializing in the design, implementation and management of video-surveillance solutions, was appointed by VDS as their integration partner. VDS resolved to deploy a video surveillance system in its depots to monitor and record activity.

The crucial objective of the installation of network cameras is twofold: to cover the required area in terms of monitoring and also to provide a visual deterrent. "Axis Communications was chosen as the camera vendor because of their diverse range of products and their superior network cameras", says a company spokesperson for VDS. Network cameras, as opposed to conventional analog or CCTV camera systems, allow the user to make use of wireless-IP-networking to transmit video images between sites separated by public roads.

Result

VDS storage facilities are now monitored using video-over-IP network cameras with recorded footage that can be used to identify vehicles and criminals, or for quick reaction to suspicious activities taking place on the premises. The cameras also act as a powerful deterrent as they are clearly visible and serve as a warning that the area is being monitored.

"The Surveillance Factory personnel are professional and well trained and have supplied VDS with technologically advanced Axis products that are backed by world class support."

Johan Duvenhage, National Storage and Risk Manager, OneLogix (Pty) Ltd.

A seamlessly designed solution

An Internet Protocol camera solution made the most sense to VDS, as the technology is easily upgradable and represents itself as the best long-term financial investment. The Axis network cameras are supported by the Milestone Enterprise video surveillance platform, which Vehicle Delivery Services selected as the system back-end.

The Surveillance Factory's Marnix de Lorm says, "We leveraged VDS's Internet Protocol (IP) infrastructure, designing a video-over-Internet Protocol surveillance system that integrated effortlessly with both the existing local and wide area networks."

According to VDS, the built-in support for Power-over-Ethernet is a significant feature of Axis network cameras. The Axis cameras can be installed using single UTP cables for both power delivery and data transfer, thereby drastically reducing the installation costs and enabling the consolidation of the power source to a central location.

The need for superior surveillance

Servicing the entire Southern African Development Community (SADC) region, VDS manages vehicle depots throughout South Africa and utilizes huge bonded storage yards, accommodating between 250 and 3500 vehicles per site. With a massive 90% market share in cross-border deliveries and a 30% share in the local vehicle transportation market, VDS's varied customer base includes local vehicle manufacturers and importers as well as dealerships and individuals. Security is of utmost importance; cutting-edge technology and proven systems are crucial.

"We are delighted to be part of this project," says Roy Alves, Country Manager of Axis Communications. "Axis has been chosen as the preferred vendor for several projects in the transport industry worldwide and we are pleased that VDS has provided the opportunity to showcase these successes on the African continent."

Securing the entire area

Various Axis network cameras were selected to secure the yards, administrative offices, internal areas, key rooms and the entrance and exit gates.

AXIS 211M Network Cameras were placed at critical areas such as entrance and exit gates, to offer high quality footage of vehicles, registration numbers and the physical characteristics of the drivers. Featuring a 1.3 megapixel sensor, the AXIS 211M ensures that important zones are monitored in great detail.

The actual storage yards are secured by AXIS 211 Network Cameras, designed for professional indoor and outdoor surveillance and remote monitoring. The AXIS 211 is fitted with a varifocal DC-iris lens ideal for the outdoor light conditions of these vehicle storage facilities.

The tamper-resistant casing, compact design, remote focus function and HDTV quality made the AXIS P3344 Fixed Dome Network Camera a perfect fit for the monitoring of the key rooms.

In conjunction with The Surveillance Factory, VDS also implemented a fully functional control room at their main offices. Here they have the capability to monitor all of the surveillance footage live from a centralized operation, in addition, they have the capacity to review any archived material from any camera on a national basis.

Vehicle Delivery Services now has a secure depot environment and the expansion of its surveillance capabilities, via the deployment of additional cameras within the existing IP network, is a simple and effortless process.



Phone: +27 11 706 4204
Web: <http://www.sfactory.co.za>