

Safer driving on the Scandinavian Raceway racetrack.

More secure environment for racing drivers, spectators, customers and the site's college students by using Axis network cameras.



Organization:

SRW Anderstorp AB

Location:

Anderstorp, Sweden

Industry segment:

Stadiums/Venues

Application:

Safety and security

Axis partners:

InSupport Nätverksvideo AB, Milestone Systems

Mission

SRW Anderstorp needed a security system to monitor the Scandinavian Raceway facility when no one was on site, which was primarily in the evenings and at night. There had been several break-ins and attempted break-ins, both in SRW Anderstorp's premises and the pit building where the Motorsport College is also located. There were also cases where people had entered the facility for unauthorised driving during the night.

SRW Anderstorp also wanted race control to have improved ability to analyse events during races, so as to avoid false starts, for example. And if an accident should occur, the motorsport circuit's functionaries wanted to be able to immediately see what took place. In addition, SRW Anderstorp wanted to monitor the facility in real time during other outside events. The staff wanted to use the cameras to keep the facility under observation without needing to be on-site themselves.

Solution

Security integrator InSupport Nätverksvideo installed five AXIS P1435-E Network Cameras, four of which have AXIS Perimeter Defender video analysis, as well as the XProtect Express® management software from Milestone Systems. The cameras are robust, simple to use and can reproduce sharp images even for objects that are moving at very high speed, such as racing cars. If an incident should occur, a push alarm is sent to SRW Anderstorp's local security company.

There is monitoring on all access roads, and the cameras also monitor the start area of the track, the stands and the pit building, where the college is also located.

Result

There have been no break-ins since the cameras were installed. The facility has had attempted break-ins but these have failed. There has been no unauthorised car driving or motorcycling during the night either.



Legendary race track

Scandinavian Raceway is located in Småland in southern Sweden. Races have been organised here since the end of the 1960s. These include the Swedish Championships in Road Racing, Formula 1 Grands Prix, World Championships in Road Racing for motorcycles and other international championship races, such as World Championships in Formula 1 and World Championships in Road Racing.

Ronnie Peterson, one of Sweden's most successful Formula 1 drivers ever, is one of the drivers who have tackled the track with the long bends.

The site also includes an upper secondary school, the Motorsport College, which has around 80 students and where mechanics for both motorsport and civil traffic are trained.

Unauthorised personnel have been drawn into following in the wheel tracks of the legendary racing drivers and drive on the famous track at night. Even though the night-time driving is forbidden, SRW Anderstorp still bears ultimate responsibility in the event of any incidents.

SRW Anderstorp has had problems with break-ins in the facility's premises and the pit building where the college is also located. SRW Anderstorp wanted to make sure that no unauthorised personnel entered the site. The facility also wanted to increase safety during racing and other events.

"In connection with a race, safety is paramount, and everything must work", says Ingvar Wernvik, chairman of the SRW Anderstorp track company.

The environment in and around the racetrack placed high demands on the functionality of the cameras. The video material should be of high quality. Since the cars are driven at speeds of up to 300 km/h, great demands were placed on the ability of the cameras to zoom in and capture details, despite the very rapid movements in the video.

The cameras needed to be robust, dirt-proof and weather-proof, as well as simple to control and operate centrally. The solution should be scalable and future-proof since SRW Anderstorp wanted the option to expand the solution in the future.

Reliable security solution

Security integrator InSupport Nätverkvideo was awarded the assignment to install five AXIS P1435-E Network Cameras. Four of the cameras have integrated AXIS Perimeter Defender video analysis, which is a flexible and scalable video analysis application for monitoring and protection along the perimeter surrounding a site. InSupport Nätverkvideo has staff that have completed the Axis Certification Programme and are thereby certified in network camera installation, something that was important to Anderstorp when procuring the camera solution. The Axis Certification Programme is the only global professional certification in the video surveillance industry.

The cameras are controlled by the XProtect Express® software from Milestone Systems, which is specially adapted for small and medium-sized security installations. A client computer is located in the Scandinavian Raceway's race control for watching the video. The security system sends alarms to SRW Anderstorp's local security company if any incidents occur on the site during night-time.



AXIS P1435-E Network Cameras have HDTV quality, are light sensitive and support Wide Dynamic Range, which means that the cameras can reproduce sharp images, even if there are large variations in light conditions in the same individual image. The recordings can also be made at high frame rates in order to capture objects moving at speed. In addition, the cameras have Axis Lightfinder Technology, which means that the network cameras are extremely light sensitive and can "see" and capture colour images even in the dark; at 0.18 lux and even lower.

The cameras monitor access roads to the circuit, the start area, the pits area as well as buildings. Race control can therefore watch video transmissions in real time and see details of race starts in the event of any false starts, for example.

Axis cameras were chosen thanks to the company having a wide range of cameras available and because the cameras have a very high image quality and can capture and zoom into details, even if objects in the video are moving at speed.

"Axis cameras have simple user interfaces, good manuals and excellent local support", says Ingvar Wernvik.

More secure facility

SRW Anderstorp is satisfied with the security solution, which it considers to be flexible, easy to use and convenient.

There are now no longer any break-ins or sabotage and no equipment is stolen.

"Now we can dare to store equipment and cars at the facility, both our own and for our customers, during the night too, which we didn't dare do before. Thanks to this solution, we have a completely different level of security today. It feels very secure", says Anderz Johansson, Facilities Manager at Scandinavian Raceway.

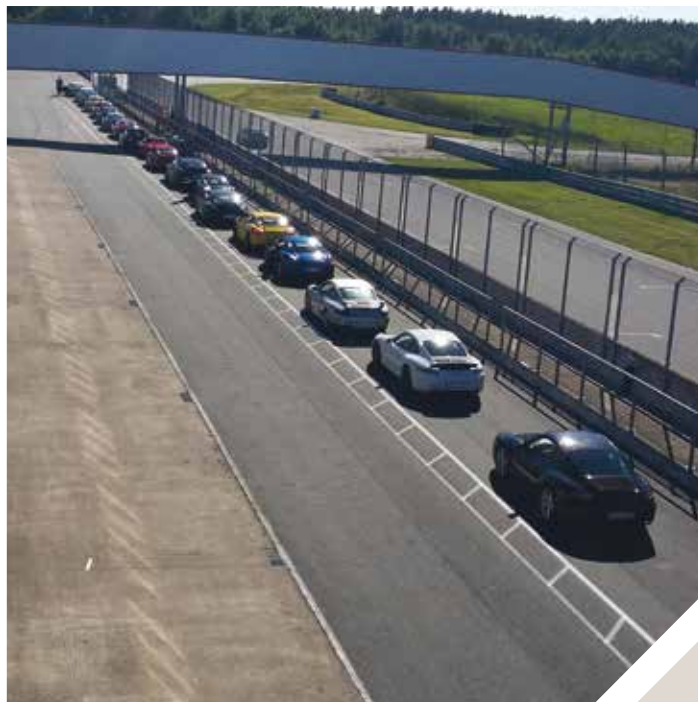
Unauthorised personnel no longer come in and drive on the track during the night.

"It's very good that there's no unauthorised driving at night", says Anderz Johansson.

In a next step, SRW Anderstorp is planning to use the solution to record and broadcast races live, in the cases where it owns the rights for marketing the race in question. The hope is that it will be the first motor-sport facility in Sweden with video surveillance and live broadcasts in real-time.

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About Axis Communications

Axis offers intelligent security solutions that enable a smarter, safer world. As the market leader in network video, Axis is driving the industry by continually launching innovative network products based on an open platform - delivering high value to customers through a global partner network. Axis has long-term relationships with partners and provides them with knowledge and ground-breaking network products in existing and new markets.

Axis has more than 2,700 dedicated employees in more than 50 countries around the world, supported by a global network of over 90,000 partners. Founded in 1984, Axis is a Sweden-based company listed on NASDAQ Stockholm under the ticker AXIS.

For more information about Axis, please visit our website www.axis.com.