

FAI Service's Tracky Point gases up with Axis cameras.

FAI Service's new service area for trucks and cars chooses Axis Communications and TecnoWorld Group for customer and infrastructure security.



Organization:

FAI Service

Location:

Cuneo, Italy

Industry segment:

Transportation

Application:

Safety and security

Axis partners:

TecnoWorld Group,
Milestone

Mission

Tracky Point is a service area dedicated to large trucks, but open to everyone and offers benefits and discounts for car drivers. Located on the outskirts of Cuneo, in a strategic location near the A33 freeway Cuneo-Centro ramp, it was built by FAI Service, a company that provides road transport services and is well aware of the needs of this sector. To ensure the security of the companies and the people that use the numerous services of this area, from the parking lot to the truckers' rest area and the refueling of trucks and cars, the company decided to install a modern video surveillance system, also capable of monitoring any vandalism.

Solution

The system is designed by TecnoWorld Group, an Axis partner, and enables close surveillance of the more sensitive areas with 13 latest-generation Axis outdoor cameras. The structure uses seven AXIS P3367-VE, three AXIS Q1765-LE, two AXIS P3364-LVE 6-mm Network Cameras and an AXIS P12 Series Network Camera, an extremely discreet miniaturized HDTV camera.

The solution is completed by Milestone Xprotect® Professional recording software for remote image handling and display.

Result

The system fully meets the end client's requirements. The adopted solution ensures extremely reliable and comprehensive IP video surveillance due to the excellent image quality of Axis cameras, which ensure effective monitoring of the service area and the movements of users within the area, even in the potentially most hidden parts.



FAI Service is a leading company in the road transport services sector with over twenty-five years of experience. To respond effectively to the request by industry representatives for adequate parking lot space and to provide an increasingly complete service, also for normal motorists driving in the Cuneo Province for work or recreation, the company decided to build the new Tracky Point service area in a strategic location for the regional capital of the "Granda", close to the Cuneo-Centro ramp of the A33 freeway, more precisely in the hamlet of Ronchi near the entrance of the MIAC exhibition grounds.

Open to everyone

The service area offers parking, hauler stopover and truck refueling, but is open to everyone. There are benefits and discounts for car drivers as well. The aim of FAI Service is to conceive a new way of experiencing haulage and to provide "added value" services to the industry.

In order to do this, it is fundamental to ensure the security of people and vehicles, as well as protecting the facilities of the area. For these reasons, the company chose to install a modern video surveillance system by turning to the experience and professionalism of TecnoWorld Group, an Axis partner installer.

The quality of Axis cameras did the rest: thirteen latest-generation cameras capable of achieving the client's final goal. As this is a service area planned specifically for heavy vehicles, both the refueling area (gasoline, diesel and natural gas) and the parking lot for semitrailers and associated freight were designed to ensure complete control of the payment zone and those dedicated to refueling and parking.

License plate identification

The main requirement was that of license plate identification for trucks and cars stopping for refueling: since most stops are by large trucks, TecnoWorld Group had to increase the number of cameras concentrated on the same area, installing seven AXIS P3367-VE Network Cameras, with two for each lane to avoid areas of shadow or areas obscured by the size of the trucks and for controlling refueling, which can be carried out from left or right-hand tank fillers. A third camera is used to frame the self-service payment kiosk, a strategic control especially in the future when the self-service area will operate 24/7.

This excellent 5-MP fixed dome model for outdoor use is very light-sensitive and has remote focus and zoom. It is particularly suitable for nighttime and daytime shots, as well as offering extremely high quality video performance. It is ideal not just for reading front and rear license plates, but also for monitoring the entire refueling operation, avoiding possible theft or vandalism.

High quality video performance – day and night

The natural gas area is instead kept under surveillance by two AXIS P3364-LVE 6-mm units, a 1-megapixel fixed-dome network camera, suitable for nighttime and daytime shots and offering extremely high quality video performance, providing 30 fps at all resolutions up to HDTV 720p/1MP. Perfect for external areas and tamper resistant, it stands out for its built-in IR illumination, based on new, long-life and highly efficient LED technology.

The system is completed by three AXIS Q1765-LE Network Cameras, a compact, bullet-style outdoor model with 18x optical zoom and autofocus, delivering HDTV 1080p video compliant with SMPTE standards and with individually configurable multiple H.264 and Motion JPEG video streams, which have been installed in strategic points of the area to ensure broad overviews and detailed images for identification purposes, and one AXIS P12 Series model, a miniaturized HDTV camera for extremely discreet surveillance in indoor and outdoor areas.





This last camera has been installed in a practical and inventive manner inside the payment kiosk to display both the details and panoramic view of this dedicated area.

The entire video surveillance system has been designed to work at the maximum frame rate and resolution of the cameras, giving particular importance to remote control. A Milestone Professional system was used to obtain a high performance end result, capable of identifying any type of event, from the more common ones of a customer leaving his/her ATM card in the machine to acts of vandalism or theft, with high detail.

Enabling value-adding services and advantages

FAI Service, with support from TecnoWorld Group, has also recently integrated the "EcoCharge" project into the Tracky Point service area, this project featuring innovative charging stations for electric cars and bicycles. Utilization is very simple: with a special vehicle charging station, combined with a comfortable bench through which it is possible to charge a cellphone or tablet via a USB cable, it is possible to charge any electric vehicle with a convenient access control system controlled by using a special card, the "iGate Card".

The card, available in the service area next to the MIAC exhibition grounds and shortly in all tobacconists' shops, will be issued to partners, subscribers and local customers. The short to medium term prospects also envisage the possibility of using the card to access private structures, such as churches, museums, sports facilities, etc., where it would be unacceptable to provide full-time guards due to logistic and cost considerations, but service continuity and end user security can be guaranteed by access control and video surveillance technologies.

A project that effectively fits into the system of integrated computer networks designed by TecnoWorld Group, which range from charging kiosks to webcams, so confirming the excellence of a model that connects the local economy with the best technologies available on the market, such as Axis Communications cameras, to create a virtuous network, as open as possible to as many who want to participate. This in turn enables the end user to make the most of the advantages, conventions, benefits and services in the neighborhood.

"This new service area is extremely important for Cuneo's inhabitants and for the Italian companies that will have a point of reference in north-east Italy for stopping and refueling their trucks. In addition to the simple parking lot, with this modern video surveillance system we are particularly satisfied in being able to ensure an adequate level of security for all our customers."

Paolo Monge, FAI Service IT Manager.



"The choice of using Axis cameras in the service area was quite natural. The wide range of models offered by Axis and the first-rate bandwidth occupancy assured by these cameras were two fundamental factors in choosing the Swedish company directly in the design phase of the video surveillance system."

Alberto Mandrile, founder and owner of TecnoWorld Group.

TW TECNO WORLD Group



About Axis Communications

Axis offers intelligent security solutions that enable a smarter, safer world. As the global 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 1,800 dedicated employees in more than 40 countries around the world, supported by a network of over 70,000 partners across 179 countries. 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.