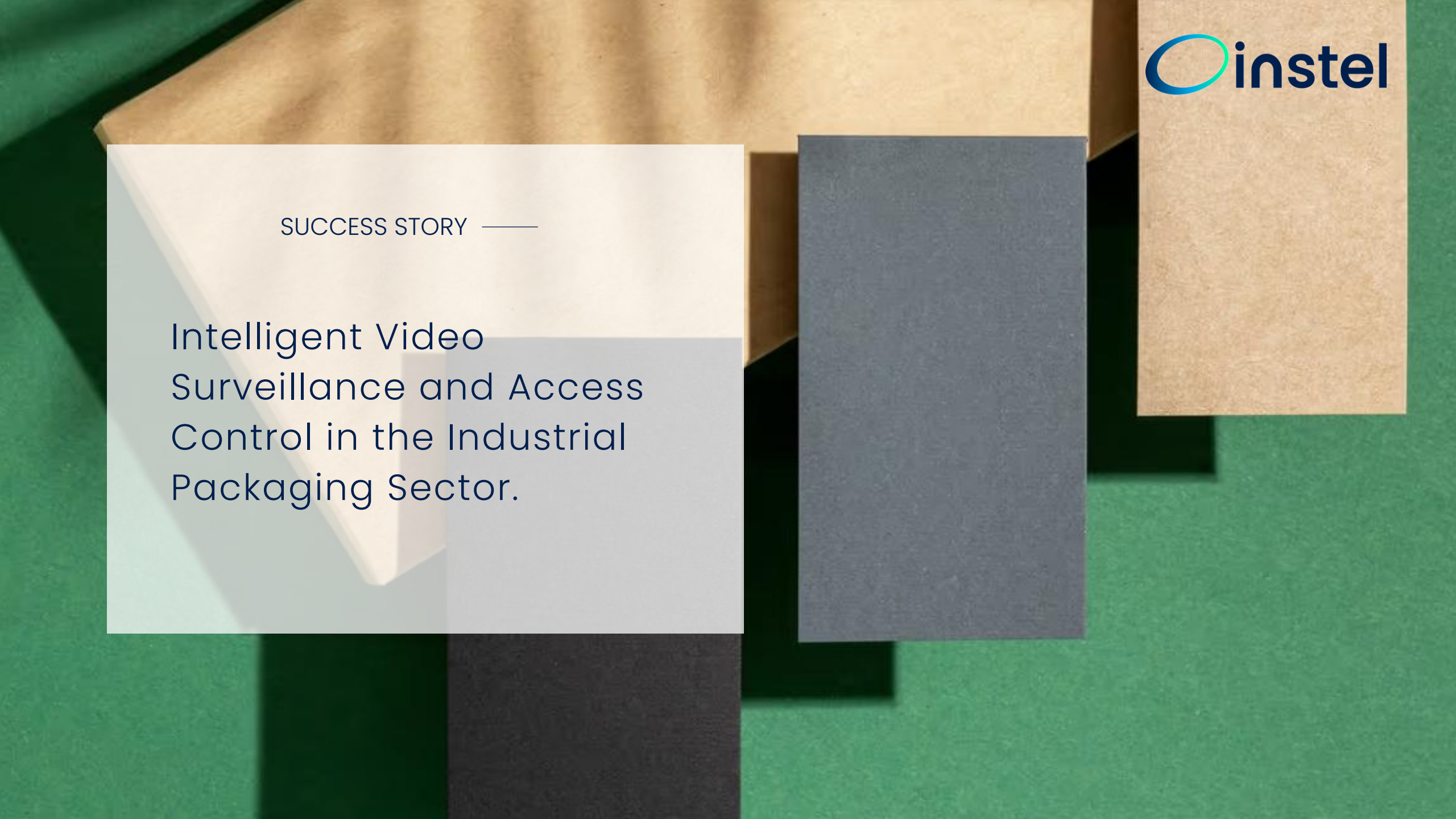

SUCCESS STORY

Intelligent Video Surveillance and Access Control in the Industrial Packaging Sector.

Manufacturer specialising in the packaging sector and packaging solutions

A company specialising in the design and manufacture of packaging solutions for various industrial and consumer sectors. Its facilities comprise different production, handling, storage and logistics areas, requiring a security infrastructure capable of ensuring asset protection, access control and the monitoring of industrial spaces.

To strengthen the security of its facilities and improve the prevention of intrusions and theft, the company has entrusted INSTEL with the implementation of a comprehensive IP video surveillance, intelligent analytics and access control solution based on AXIS Communications technology.



The challenge

Strengthening facility security and improving intrusion prevention

The company, specialising in the design and manufacture of packaging solutions, needed to strengthen the security of its facilities, particularly in perimeter and outdoor areas, following incidents of theft that threatened the safety of its assets and day-to-day operations.

The challenge was to improve the prevention and detection of potential intrusions, particularly outside working hours, through a system capable of identifying suspicious situations and generating alerts whenever people entered restricted areas.

It was also necessary to improve vehicle and personnel access control, provide high-quality images to facilitate facility monitoring, and centralise the management of the various security systems.

The solution

Comprehensive IP Security System with Intelligent Analytics and Access Control

INSTEL has designed and implemented a security solution based on **AXIS network cameras and the AXIS Camera Station video management system, integrating advanced video analytics, licence plate recognition and access control functionalities.**

The installation includes cameras strategically distributed across different areas of the facilities, including the external perimeter, entrances, emergency exits, production areas, warehouses, corridors and logistics spaces.

Intelligent People Detection and Perimeter Protection

One of the key elements of the solution is **AXIS Object Analytics**, a video analytics technology built into compatible cameras as standard.

Specific people detection zones have been configured around the facility perimeter, particularly for monitoring outside working hours. Whenever a person enters one of these designated areas, the system automatically generates an alert, helping identify potential intrusions and enabling a response to unauthorised activity.

This functionality transforms traditional video surveillance into an intelligent monitoring system capable of identifying relevant events without relying exclusively on continuous camera monitoring

The solution

Comprehensive IP Security System with Intelligent Analytics and Access Control

High-Resolution IP Video Surveillance

The solution incorporates AXIS network cameras tailored to the specific characteristics and requirements of each area, both indoors and outdoors.

The installed devices deliver high-quality images and feature advanced technologies such as infrared illumination, Lightfinder, WDR Forensic and Axis Zipstream. These technologies ensure clear images under varying lighting conditions while optimising video storage. They also incorporate physical protection and cybersecurity features.

Automatic Licence Plate Recognition

To improve vehicle access control, an automatic licence plate recognition solution has been implemented using AXIS technology and the AXIS License Plate Verifier application.

The system automatically reads and recognises licence plates, records vehicle access events through images, and manages lists of authorised and blocked vehicles.

This functionality facilitates the identification of vehicles entering the premises and provides additional information to support site access management.

The solution

Comprehensive IP Security System with Intelligent Analytics and Access Control

IP Video Intercom Access Control

The solution incorporates an IP video intercom system that enables audiovisual communication and remote identification of individuals accessing the facilities.

It is also integrated with the automated sliding gate, streamlining entry and exit operations while improving access control across the premises.

Communications Infrastructure and Centralised Management

The communications infrastructure connects the various **video surveillance and access control devices through Category 6 structured cabling and multimode fibre-optic** links between racks and different areas of the facilities.

The solution is completed with **AXIS Camera Station**, which centralises camera viewing, recording and management within a single platform, facilitating the monitoring and administration of the security systems.

Benefits

Production and Logistics Department

- Safe environments: enhanced protection for people and assets in working areas.
- Controlled access: reduced risks associated with unauthorised entry.
- Organised operations: greater control over the movement of vehicles and people throughout the facilities.

Security Department

- Risk prevention: greater ability to anticipate potential incidents and intrusions.
- Efficient surveillance: reduced reliance on continuous visual monitoring.
- Rapid response: greater ease in investigating and verifying incidents.

Corporation

- Asset protection: reduced exposure to losses resulting from theft and intrusions.
- Business continuity: greater peace of mind and security for ongoing industrial operations.
- Optimised investment: making the most of an integrated infrastructure designed to accommodate future expansions.



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