Fruits Secs Cortals processes and markets shelled pine kernels

CLIENT

Fruits Secs Cortal is a family firm that produces and sells shelled pine nuts, a product with an enormous nutritional value which is highly prized in both the national and international markets. The company has a pine nut production plant on a large rural site where the pinecones are processed, and the nuts are extracted for marketing.

The use of traditional processing methods makes this business a benchmark in the sector, and its activity is of great value to waste management and biodiversity conservation in the northeast region of the Iberian Peninsula.

Pinecones are carefully selected, and their high-quality kernels are extracted using time-honoured techniques and automated processes.

The raw materials are stored outdoors, meaning that Fruits Secs Cortal needed a smart video analytics system to protect its site perimeter.

Reduce false alarms and maximise detection of intruders

Facilities like this with extensive outer perimeters are challenging for installer companies when designing any security project. Traditional systems are often responsible for many false positives, making security management difficult, increasing costs, and causing inconvenience to everyone involved (client, alarm station, police, etc.).

In this project, Fruits Secs Cortal had two challenges. Firstly, keep trespassers out to prevent theft and vandalism, and secondly, reduce false alarms caused by wild animals and adverse environmental conditions.

Now our solutions have been installed, early detection is guaranteed to keep unwanted visitors off the site.

" Our premises are in a rural area, where ensuring our security has proven difficult and costly. However, this collaboration with Telecta and DAVANTIS has given us a more accurate, secure system that gives us peace of mind and we can rely on our security system. "

Jaume Rigau
Security Advisor

Combining intelligent DFUSION technology with strategic CCTV camera installation

SOLUTION

TELECTA selected DAVANTIS video analytics to install with this perimeter security system.

By combining DFUSION technology with strategically positioned CCTV cameras to feed the system with images, a previously passive surveillance system was transformed into a precise, state-of-the-art, proactive alarm solution connected to an Alarm Receiving Centre.

The first stage of the project entailed determining precise positions for the visible cameras. It was important to analyse potential blind spots to do this, and the existing infrastructure was used to minimise installation costs.

Given the geographical and climate characteristics of the site, a system was needed to repel and deter intruders, reduce false alarms to a minimum, and trigger deterrents using our video analytics equipment.

Thanks to the collaboration with security company **Telecta**, we managed to achieve the right balance between operating costs and efficiency in the security system.

Two engines for maximum detection capability

TECHNOLOGY

Our technology enables users to set customised security rules to configure a comprehensive, flexible system that fully adapts to each site's characteristics.

The technical team at DAVANTIS assisted the customer throughout the project: from design and planning to configuration and commissioning.

Our collaboration with security company Telecta throughout the project has allowed us to satisfy all the customer's requirements and cover Fruits Secs Cortal's needs.

This perimeter security system has significantly reduced the number of false positives triggered by wild animals and has reduced operating costs.

DFUSION is a robust, reliable system that meets the highest security requirements. Our video analytics software minimises the risk of theft and keeps unwanted intruders out, even on difficult sites.

Click 1
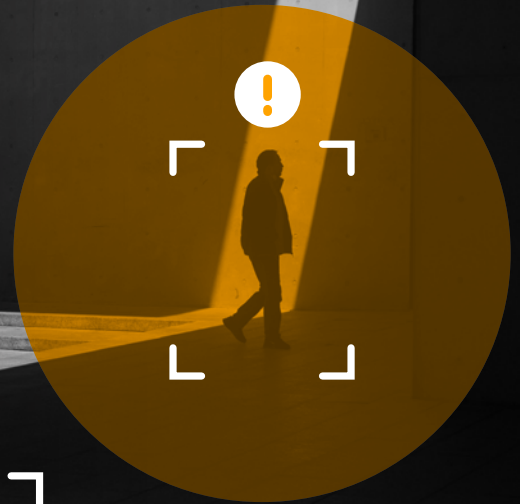**Snapshot** with a box highlighting the cause of the alarm.

Click 2
Video of the alarm at the activation point.

Click 3
Live access to the camera for immediate verification.

Once the alarm has been verified, the system activates dissuasive devices

BENEFITS FOR INSTALLERS

- Technical support and advice throughout the project
- Highly intuitive system configuration
- Total integration with all ARC, VMS and PSIM

BENEFITS FOR END USERS

- Maximum reduction in false alarms
- Low installation and operating costs
- Adaptability to changing environments and scenarios