ELLESMERE PORT
KHG SECURITY

Ellesmere Port
KHG Security

CLIENT

This is a major logistics center located in the United Kingdom. It specializes in managing and storing large volumes of goods and required a robust and highly reliable security solution to protect both its perimeter and daily operations.

To address these challenges, the integrator **KHG Security**—specialists in advanced video surveillance solutions for industrial and logistics environments—was responsible for implementing an intelligent video detection system, optimizing site protection with cutting-edge technology tailored to the dynamics of the logistics environment.

Early and reliable detection was critical to prevent intrusions and theft before they could occur

CUSTOMER NEEDS

This logistics center faced daily challenges in protecting its perimeter and assets. These included extensive areas that were difficult to cover with continuous surveillance, zones with variable lighting, and adverse weather conditions that compromised visibility and the effectiveness of intrusion detection.

Additionally, the site experienced a high rate of false alarms triggered by animals or environmental factors, making it difficult to respond efficiently to real threats. Early and accurate detection was essential to prevent incidents before they happened, ensuring operational continuity and overall site security.

" With DFUSION, detections are significantly more accurate, which means nothing important is missed and everything detected is truly relevant. It's a huge upgrade for any existing video surveillance system "

Rob Rathbone
KHG Security

DFUSION: Greater Detection Accuracy

SOLUTION

To address these challenges, integrator KHG Security implemented the **DFUSION** intelligent video analytics system, connected to the logistics center's CCTV cameras. This dual-engine detection system combines traditional video analytics with the latest AI-powered technology. It's capable of detecting intruders at long distances— even when they are partially hidden.

TECHNOLOGY

For this project, CCTV cameras were deployed both around the perimeter and within the facility to ensure early detection of intruders, even in low-light conditions. The system enabled greater detection accuracy through real-time identification and verification of threats. As a result, unnecessary interventions due to false alarms have been reduced, while overall security has been enhanced through better control and more effective incident response.

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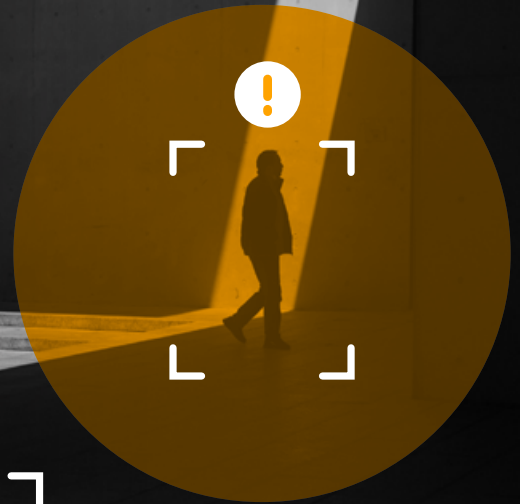**Snapshot** with a box highlighting the cause of the alarm.

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

DFUSION empowers installers to deliver an advanced, high-performance security solution specifically designed for logistics environments—where accuracy and false alarm reduction are critical. This translates into more profitable, scalable projects with greater added value, helping boost margins and build long-term client relationships.

In addition, installers can achieve higher profit margins, as selling cutting-edge technology often yields a greater return on investment compared to traditional security personnel services.

BENEFITS FOR END USERS

Smarter, more efficient security. The DAVANTIS video analytics system automatically detects intrusions and generates real-time alerts, enabling security teams to verify events instantly and take action within seconds.

Cost optimization. By increasing monitoring efficiency, the system reduces the need for multiple guards on-site, significantly cutting operational costs.