



An ALLIED UNIVERSAL Company

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A Blueprint for Integrated Security

A G4S Case Study

A construction equipment manufacturing company was experiencing theft issues that were impacting their supply chain.

Here's how G4S solved the problem with an integrated CCTV and security guarding approach.

The Challenges: Overview

One of G4S's customers is a world-leading manufacturer of construction and mining equipment. They produce a wide range of large equipment, including trucks, earth-moving diggers and much more.

Operating at various locations across the United Kingdom, the customer stores a high volume of stock outdoors and was experiencing significant problems with theft. Examples included thieves gaining access to sites and emptying diesel tanks of fuel and multiple instances of metal theft targeting large steel items.

These thefts caused serious issues in the customer supply chain through production delays caused by material shortages. In addition to external threats, the customer placed huge emphasis on health and safety and had a large focus on insider threats which also included theft.

Operating across multiple locations, the customer was keen for a common security service delivery reporting platform in order to monitor effectiveness and support decision making through trend analysis.



The Goals

The customer selected G4S to deliver a security plan that was relevant to the threat profile and combined the provision of personnel and technology to optimise service delivery.

In the various locations, security officers were tasked with providing professional and secure site access for both visitors and vehicles and monitoring surveillance, together with delivering a timely and effective incident response service.

From a technology perspective, we were asked to evaluate the effectiveness of the existing CCTV platform to optimise site coverage and ensure vulnerable areas were appropriately monitored.

G4S were also tasked with providing early detection for possible intruders to facilitate a faster security incident response.

To achieve this objective, we supplied fence-mounted sensors to detect intruders before they got inside the property.

The Solution

To solve these concerns, G4S combined personnel and technology provision in a truly integrated security delivery.

A technology led approach involved the provision of a replacement security system consisting of CCTV covering all corners of the property, plus new gates and fencing with perimeter alarms in vulnerable areas.

We also installed ANPR (Automatic Number Plate Recognition) barriers, enabling security to control the vehicles going in and out of the premises.

A G4S provided Access Control System allows employees to tap in and out in a simple intuitive manner and provides security with full visibility on who is on site at any given time.

G4S provided a CCTV system, powered by Avigilon. This flexible, AI-powered software uses machine learning to flag unusual activity and alert guards when action is required. The entire operation is monitored by trained officers from a central control room. These technologies underpinned a more proactive approach to security.

Across the various sites, security officers were strategically stationed at key points to verify and manage commercial traffic and provide secure access to sites. Officers manage the visitor registration system, which includes staff clock-in/out, temporary passes and speed limit control. They are also responsible for ensuring accurate paperwork for machine shipments.

Importantly, officers are linked in connected fashion. Task completion is recorded via a simple, intuitive mobile application regardless of location. This powers data which is accessed through a single, consolidated reporting tool, enabling full service transparency and the monitoring of performance against contract obligations.



The Results

Approximately five years have passed since the security guarding contract began, and this customer has reported a significant reduction in theft. The development of staff, plus the introduction of technology and remote monitoring has successfully reduced security incidents.

The use of mobile data collection has meant day-to-day processes are more productive and efficient and the client is benefitting from a simple, easy to consume set of performance reporting which drives informed decisions.

Conclusion

This project is an example of how technology and guarding work together to create a productive and highly effective integrated security solution.

If you'd like to learn more about how G4S can provide design, supply and installation of complex integrated security systems, contact us today for a custom consultation.