

# Construction Warehouses

Case Study: HS2 Construction Site & Material Storage Warehouse

## Client

HS2 High speed Railway Construction

## The Technology

8x Channels of Davantis DFUSION

## The Challenge

With millions of pounds worth of materials stored at HS2 sites located near busy, high-traffic areas, ensuring robust security was a critical concern. Traditional surveillance alone was not sufficient to detect and respond to potential intrusions quickly and reliably. OCS needed a solution that could enhance situational awareness and reduce the risk of theft or unauthorised access without requiring a complete overhaul of existing infrastructure.

## The Solution

Bi3 partnered with OCS to implement a high-performance video analytics system using Davantis DFUSION technology. By leveraging existing CCTV infrastructure, the solution added AI and machine learning capabilities to deliver real-time intrusion detection. Alerts are sent directly to on-site control rooms, enabling rapid response through ground guards or automated deterrents such as alarms and loudspeakers. This integration significantly improved security efficiency and responsiveness across the HS2 material storage sites.

End User

**HS2**

Integrator

**OCS**