

Meat Processing Plant

Case Study - Industrial Warehouse & Meat Processing Plant Security

Client

Dovecote Park - Meat Processing Plant

The Technology

- Davantis DFUSION Video Analytics
- FLIR FH-R Thermal Imaging Cameras (Early Fire Warning System)

The Challenge

A meat processing plant required a comprehensive security and safety solution to protect its perimeter and key machinery. The site faced multiple risks, including potential fire hazards from rising heat and increasing threats from protestors. The system needed to operate effectively across day and night cycles, align with the plant's working hours, and reduce reliance on active patrols—all while integrating with existing infrastructure and on-site monitoring software.

The Solution

Bi3 deployed a combined solution featuring FLIR thermal imaging for early fire detection and Davantis DFUSION video analytics for perimeter protection. DFUSION was integrated into the existing CCTV network and linked to the on-site security control room through custom software integration. Operating on a day/night schedule, the system streamlined manned guarding by acting as a virtual patrol, thanks to its high detection accuracy. This approach not only enhanced security but also addressed operational concerns around protestor activity and fire risk, delivering a smarter, more efficient safeguarding strategy.

End User



Integrator



Dovecote Park Meat Processing Facility