

Case Study

New Build Development Monitoring Solution



Project Specifics

Project Duration:

 3 years

Sector:

 Construction

Services Provided:

 CCTV, Solar CCTV Towers, Sentinel Pods to utilise their Water and Fire Detection

Our technology was deployed to a national security business as part of a site protection strategy for a major UK residential developer.

The project focused on safeguarding newly completed homes from fire and water-related incidents during the final stages of construction.

The solution combined remote monitoring, wireless detection technology and intelligent site infrastructure to provide cost-effective protection without disrupting finished properties.

The Problem:

A large residential development was approaching completion, with multiple properties entering the final handover phase simultaneously.

Traditional fire and water detection methods had proven costly, intrusive and unsuitable for newly finished homes, often requiring installation methods that risked damaging completed interiors.

The client required a reliable, non-invasive solution capable of monitoring multiple properties while reducing installation time, costs and disruption.

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The Solution:

Following a detailed site assessment, innovative wireless fire, heat, CO₂ and water detection sensors were deployed using Sentinel Pod technology.

The solution provided remote monitoring across multiple properties from a single platform, delivering effective protection without the need for intrusive installations or damage to finished homes.

The successful trial demonstrated the scalability and effectiveness of the technology, making it suitable for wider deployment across future developments.

Outcome

The solution provided comprehensive fire and water protection for newly completed homes while reducing installation costs and disruption.

By delivering a non-invasive monitoring system, the project improved site protection during the final stages of construction and demonstrated a scalable approach for future residential developments.



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It's always refreshing to work together due to their drive to develop new technology and look to save our business both time and money”

Construction Director,
National Residential
Developer