Construction Solutions

Smart By Day
Secure By Night
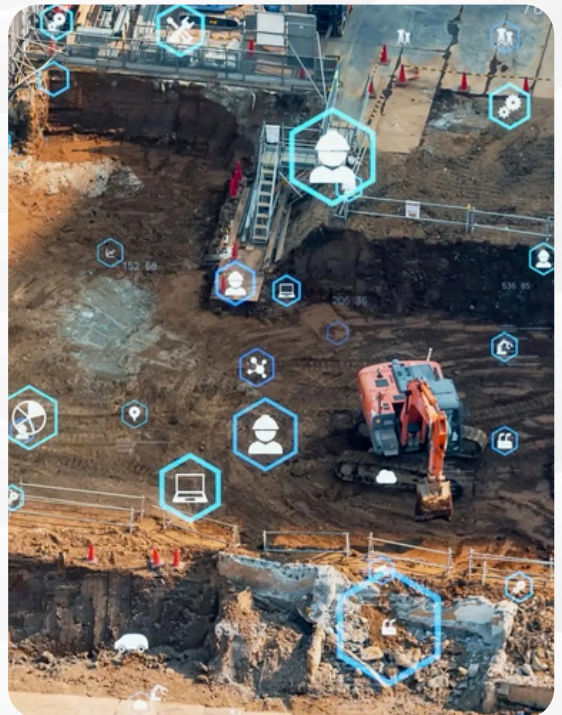
Smarter, Safer Construction

ALL-IN-ONE PLATFORM

Construction companies face growing pressure to protect assets, meet compliance standards and deliver projects on time. WCCTV provides a full suite of rapid deployment solutions for security, safety, environmental monitoring and project oversight, all connected through our easy-to-use Stellifii platform.

Smart By Day: Get full operational visibility with live and recorded footage, ANPR camera data, automated PPE detection and ongoing environmental monitoring for dust, air quality, noise and vibration. Site managers can view everything in real time or access reports through Stellifii, our cloud-based platform built for active projects.

Secure By Night: Deploy visible, proactive protection with mobile CCTV towers, perimeter detection units and live video monitoring. Intrusions trigger instant alerts, audio deterrents and, where required, dispatch from mobile keyholder response teams. Your site stays protected, even when it's unattended.

Stellifii simplifies site management by replacing multiple systems with one secure, cloud-based platform. With instant access to critical data and footage, project teams can make faster decisions, reduce costs and keep builds on track.

AI-Intrusion Detection	Compliance Aherance	Environmental Monitoring	Project Management

Rapid Deployment CCTV Towers

SECURE BY NIGHT

Deploy instant, high-visibility security with Rapid Deployment CCTV Towers - built for sites that demand protection now, not later.

Our self-contained CCTV Towers are purpose-designed for construction sites lacking fixed infrastructure. Equipped with HD PTZ cameras, wireless transmission and flexible power sources like solar, hybrid or mains, they deliver wide-area surveillance within minutes of setup - no power cabling, no fuss. Remote monitoring and intelligent analytics ensure you're always in control, even from miles away.

Standing up to 7 m tall and painted in high-visibility yellow, these towers are an unmistakable deterrent. Built-in features like flashing blue lights, audio challenges, sirens and AI-based intrusion detection make them more than just cameras - they're a proactive prevention solution. Fully-managed as part of a service package, they can be hired or relocated easily as project needs change, offering flexible, cost-effective security throughout your build.

Our CCTV Towers eliminate the need for costly manned guarding, delivering fast and flexible security that protects valuable assets, reduces the risk of theft or vandalism and helps keep projects on schedule and within budget.

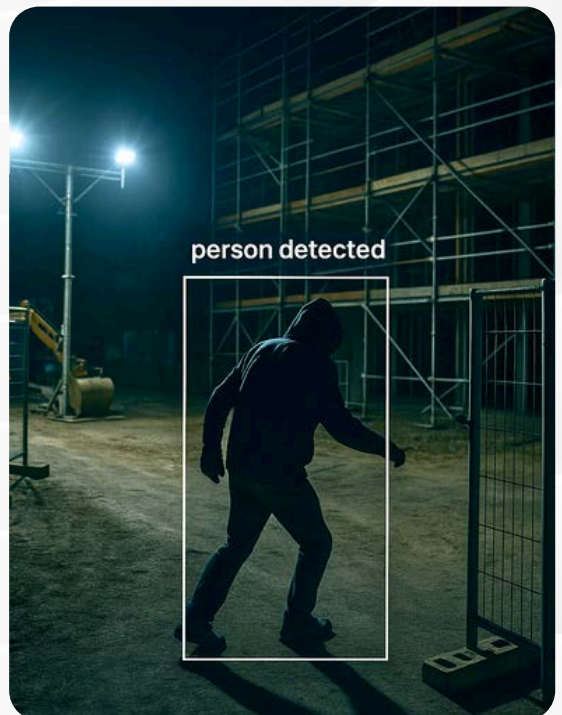| Rapid Plug & Play Setup	Solar, Hybrid or Mains Power	Lights, Audio & AI Deterrents	Fully Managed & Relocatable

AI Intrusion Detection

SECURE BY NIGHT

WCCTV's intrusion detection solution uses AI-based video analytics to monitor your site for unauthorised access and movement in real time. By defining specific zones within the camera's field of view, the system can identify and alert on entry into restricted areas, boundary breaches or suspicious behaviour.

Intrusion events can cause more than just material loss. They disrupt schedules, damage reputations, impact insurance and introduce serious safety risks. Oursystem continuously monitors your CCTV feeds and generates instant alerts when a rule is broken. Snapshots and video clips are pushed to the Stellifii platform, where they can be reviewed, escalated or exported as needed.

You can customise detection zones, schedules and response protocols to match your site's layout, hours and risk profile. This provides you with accurate, automated threat detection that operates continuously, reducing time wasting due to false alarms and eliminating manual review.

Monitor and Report On:

- Proactive monitoring
- Audio deterrent

person detected

Custom Detection Zones	Instant Alerts with Evidence Backing	Singular Platform For All Reporting	Automatic Logging of Events

Proactive Monitoring & Response
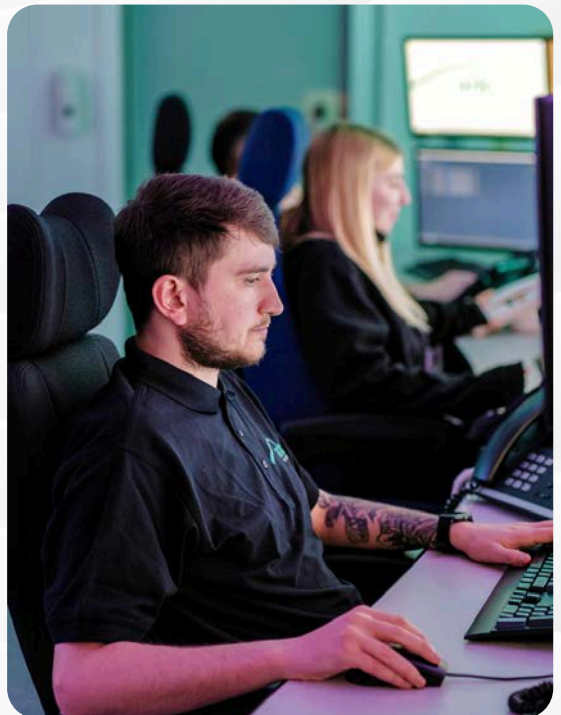
SECURE BY NIGHT

WCCTV's live monitored systems provide more than just visibility, they deliver proactive, real-time protection that prevents criminal activity before it causes disruption.

All of our cameras are connected to an NSI Gold Accredited monitoring partner who receive real-time alerts triggered by AI-driven video analytics that identify genuine threats based on behaviour, not just motion. Once a threat is verified, operators issue a live voice-down warning via on-unit speakers, activate visual deterrents such as flashing blue lights and dispatch either a mobile keyholding team or emergency services as required.

Our mobile keyholders are professional security responder who visit site on detection of a verified threat. They can access the premises quickly, conduct a full inspection and take immediate action, whether that means securing entry points, liaising with police or resetting alarm systems. This approach ensures threats are identified, escalated and dealt with in the moment rather than after a crime has occurred.

Monitor and Report On:

- Live monitoing
- Mobile keyholding

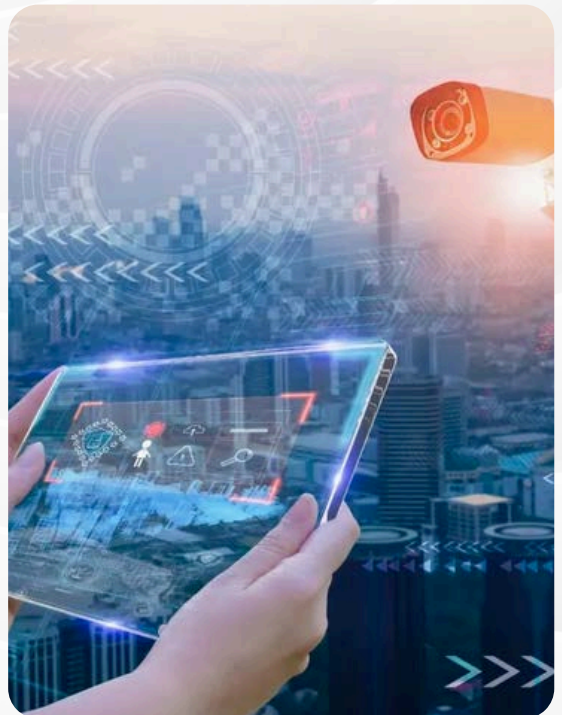| Instant Visibility into On-Site Activity | Ensures Fast & Physical Response | Unified Platform for Monitoring & Actions | Avoid Constant Manual Monitoring |

Smart Detection Systems

SMART BY DAY

WCCTV's Smart Detection Systems use AI-powered video analytics to detect PPE non-compliance, smoke, fire and intruders in real time. These software-based tools run through WCCTV's security cameras, helping you improve safety, reduce risk and take action.

Our Smart Detection Systems enable your existing CCTV units to identify risks such as PPE non-compliance, smoke, fire and intruders through AI-powered video analytics, helping your site demonstrate compliance and control.

All detection alerts, footage and event logs are accessed through the same platform used for video monitoring and reporting. There's no need for additional sensors, infrastructure or power sources. Each system is fully self-contained, quick to activate and easy to scale across multiple projects or locations.

Monitor and Report On:

- PPE detection
- Smoke & fire
- Compliance adherance
- Intruder detection analysis

| No Additional Hardware Required | Real-Time Risk Identification | Centralised Alerts & Reporting | Supports Safer, More Compliant Sites |

Environmental Monitoring

SMART BY DAY

WCCTV's site condition monitoring systems track noise, dust, vibration, air quality and weather in real time. Designed primarily for construction sites, these systems help you stay compliant, reduce disruption and demonstrate control throughout the build.

Designed to bolt onto our Rapid Deployment CCTV Towers, our condition monitoring sensors enhance our service offering by combining remote project visibility, construction site security and environmental compliance.

Our standalone units are ideal for builds near housing, schools, healthcare facilities or transport infrastructure, where noise, dust and air quality must be tightly controlled.

Monitor and Report On:

- Noise levels for Section 61 compliance
- Dust and particle emissions
- Air quality and CO_2
- Vibration from plant or groundwork activity
- Weather conditions and exposure risk
- Instant alerts and scheduled reporting

Self-Powered & Fully Autonomous	Exportable Reports for Stakeholders	View Data Through Real-Time Dashboard	Live Alerts & Threshold Warnings

Project Management

SMART BY DAY

Managing a busy construction site doesn't always mean being physically present. WCCTV's project management tools give you complete remote visibility, so you can stay in control from anywhere.

Live video streams allow you to check in at any time, view work areas, confirm deliveries or monitor contractor activity in real time. Time lapse cameras create a full visual record of the build, helping track progress, resolve disputes and generate documentation for stakeholders.

ANPR cameras log every vehicle entering and exiting the site. They also support compliance checks by monitoring speed on haul roads and capturing vehicle movements at bellmouths. This helps improve safety, track logistics and meet planning conditions. All footage can be accessed via the same platform you use to manage your security systems

Monitor and Report On:

- Live video
- Time lapse video
- Video retainment beyond project duration
- Automatic number plate recognition (ANPR)

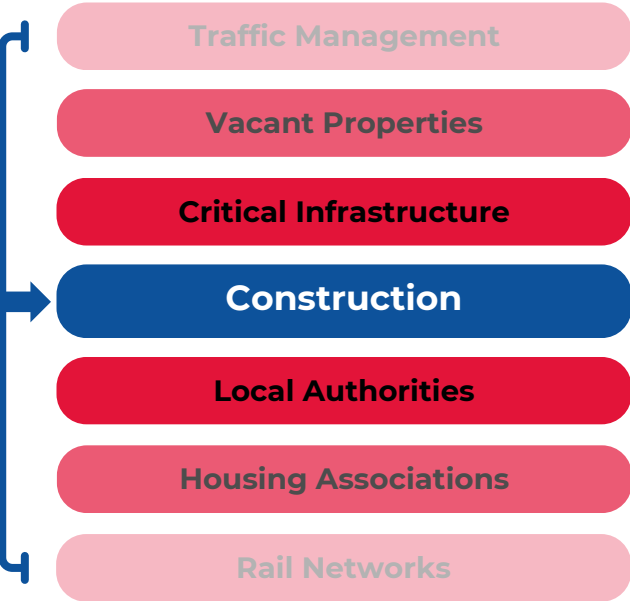| 24/7/365 Live Video Access | Time-Lapse Progress Tracking | Footage Secured By AES256 Encryption | ANPR-Powered Vehicle Oversight |

SMART BY DAY. SECURE BY NIGHT.

WCCTV: Industry Leader in Construction Site Security

For over 20 years, WCCTV has been at the forefront of wireless CCTV security, providing industry-leading surveillance solutions that protect construction sites, infrastructure projects and critical assets. Our cutting-edge technology and proven expertise ensure seamless security coverage, reducing the risk of theft, vandalism and unauthorised access.

2001
Established

6
UK Locations

20+
years
Experience

2000+
Sites Protected

- Traffic Management
- Vacant Properties
- **Critical Infrastructure**
- **Construction**
- **Local Authorities**
- Housing Associations
- Rail Networks

24/7/365 Days A Year Service

Local Focus, National Coverage

WCCTV are proud to be have the infrastructure and capability to offer a full service delivery throughout the UK.

HQ

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