WCCTV
Critical Infrastucture Security

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Protecting Critical Infrastructure with WCCTV's Surveillance Solutions

Securing critical infrastructure is essential to prevent threats such as theft, vandalism, sabotage and unauthorised access, which can lead to operational disruptions, financial losses and increased security risks. It is also vital for ensuring the safety of personnel and the surrounding environment.

At WCCTV, we specialise in providing wireless, rapid-deployment surveillance solutions tailored for critical infrastructure sites, including utilities, transport networks, energy facilities and telecommunications hubs. Our market-leading Mobile CCTV Towers, AI-powered monitoring and remote security solutions offer a proactive approach to infrastructure protection, eliminating the need for fixed security installations.

Designed to deter criminal activity, WCCTV's advanced security technology helps you mitigate risks, prevent service disruptions and ensure compliance with industry regulations giving you total peace of mind.

Why choose WCCTV?

- **Market-leading** wireless CCTV solutions
- **Fully-Managed Service**
- **24/7/365** remote monitoring
- **Rapid Deployment** & **Nationwide Support**
- Integrated **AI analytics**
- **Cost effective** alternative to guarding
- **Solar** & **battery** powered options
- Integrated solutions for **full-site coverage**

At WCCTV, we leverage over 20 years of industry expertise, cutting-edge technology and a comprehensive range of wireless surveillance solutions to deliver a rapid and effective security response tailored to your infrastructure needs.

Reduce Security Costs by up to **88%**

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WCCTV
WIRELESS CCTV

Rapid Deployment CCTV Towers

Securing critical infrastructure demands continuous, proactive surveillance to prevent trespassing, theft, and sabotage. WCCTV's Rapid Deployment Towers provide a highly visible deterrent with 360-degree HD surveillance, AI-powered analytics, and 24/7 remote monitoring, ensuring rapid response to any security threats.

Designed for flexibility and rapid installation, our towers operate without mains power or internet, making them ideal for remote or high-risk locations. Solar and battery-powered options ensure autonomous security, maintaining protection in all conditions.

WCCTV delivers a fully managed service, including installation, maintenance, alarm monitoring, and remote connectivity, so organiations can focus on operations while we handle security. With rental options available, you only pay for protection when needed, and our team takes care of delivery and retrieval. Standing at six meters tall in high-visibility yellow, our towers send a clear warning - your site is under constant surveillance.

Our ultra-reliable managed security services can save up to **88%** when compared with the cost of traditional guarding services, without compromising results.

We back our CCTV systems with a **full service** that includes installation, maintenance, alarm monitoring, connectivity, support and ongoing reporting.

With our camera **rental options**, you only need to pay for security when needed. No need to worry about transporting the Towers from job-to-job: we'll deliver and take it away.

At **6m tall** and **bright yellow**, our CCTV Towers are an unmistakable presence on your sites - warning intruders that your site is under our watchful eye.

CCTV Systems for Construction Site Security

Eco Tower

The WCCTV Eco Tower is a mobile CCTV unit designed for sites looking to reduce generator use, fuel consumption and external noise.
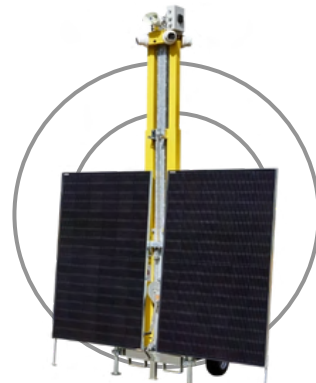
> Learn More

Solar Fuel Cell Tower

The WCCTV Solar Fuel Cell Tower is a self-powered CCTV unit for remote sites, running without mains power or generators.
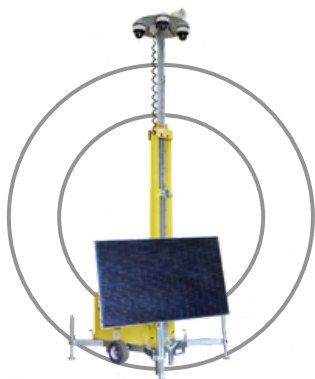
> Learn More

Thermal Solar Tower

This solar-powered CCTV system combines thermal and optical cameras with onboard analytics to detect and deter intrusions.

> Learn More

CCTV Systems for Construction Site Security

Smart Tower

The WCCTV Smart Tower is a mobile CCTV system built to provide complete compound-level coverage from a single unit.

Learn More

Remote Video Monitoring

Our Remote Monitoring service allows security cameras to be closely monitored by a team of professionals who can issue real-time audio alerts and dispatch police where necessary, ensuring your premises and assets are completely protected when you're not there.

Our cameras contain automatic detection capability, so any intrusions are immediately flagged to our monitoring team. This initiates a remote crime prevention process, which includes live audio challenges and the despatching of police or security personnel to protect your property and assets.

The security cameras video stream is sent directly to an Alarm Receiving Centre (ARC) or monitoring station. A team of security professionals will receive an alarm from your site and immediately review the footage to verify the alarm then take appropriate action. Monitored Rapid Deployment CCTV is a cost-effective security solution, cutting costs by 88% while ensuring 24/7 protection.
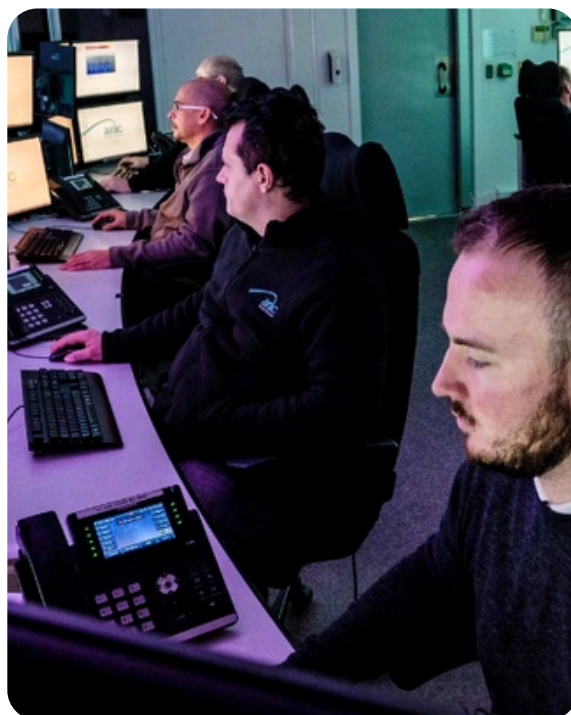
Our partner monitoring station provides a detailed report of **any incidents** taken place at your locations and give details on what action was taken - including speed of action.

Cheaper doesn't mean less effective. Our monitored CCTV systems are **always alert, always on guard** and can spot criminals even in complete darkness.

If an intrusion is detected at your site, a remote CCTV operator can activate the inbuilt blue lights, siren and voice-down systems on a Site Tower, acting as a **proven deterrent.**

Our partner monitoring station is an **NSI Gold Approved** UK-based Alarm Receiving Centre (ARC), operating sites 24 hours a day, 365 days a year.

Mobile Key Holding Response

Skip the 2am break-in calls with our Mobile Keyholding Response service. Paired with our CCTV Towers and live monitoring, this rapid-response security service provides an immediate physical presence at your construction site.

By utilising this service, in the event of unauthorised activity, our professionally trained security teams are dispatched promptly to investigate, assess and effectively manage any situation that arises. This proactive approach ensures minimal disruption, allowing your own personnel to rest easy without unnecessary disturbances or emergency call-outs during non-working hours.

Instead of facing late-night calls, rely on our experienced personnel to swiftly secure your facility, manage any necessary escalations, liaise with local authorities and deliver a detailed incident report. By integrating CCTV surveillance, real-time live monitoring and our expert Mobile Keyholding Response service, you can be reassured your construction site remains secured with our robust security system.

Customisable response procedures are developed specifically around your construction site's unique security requirements, providing **targeted solutions** for your site.

Utilising our Mobile Keyholding Response service can help satisfy insurance requirements, **lowering premiums** and demonstrating your commitment to robust security measurements.

Scheduled security patrols provide routine site checks, ensuring continuous vigilance and **proactively deterring** potential security threats before they escalate.

Access to a dedicated incident management team available **around the clock** ensures swift and effective coordination with emergency services near your site.
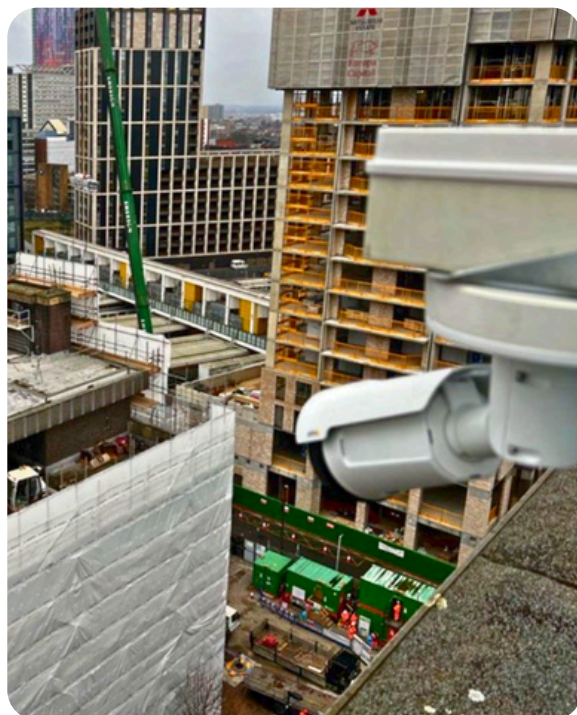
Time Lapse Video Solutions

WCCTV provides high-quality Time Lapse Video filming services to construction and demolition sites that help bring your projects to life and document your unique journey. Our team of professional engineers and video editing experts will work closely with your team to understand your objectives and key milestones to ensure you receive a video that captures your project perfectly.

A key feature of our time lapse solutions is the ability to access live footage remotely. Through our intuitive mobile app and desktop software, clients can monitor ongoing work from any location, facilitating real-time oversight and timely decision-making.

Understanding the dynamic environments of construction sites, WCCTV's Time Lapse Cameras are designed for autonomous operation. They can function independently of external power sources and internet connectivity, making them versatile for various site conditions.

WCCTV's specialist Time Lapse Video Cameras capture stunning images in ultra-high definition **up to 4k**, helping to bring your projects to life like nothing else.

Provides you with the ability to keep track of your projects through remote access at any time from anywhere with our **free** mobile app and desktop software.

Following completion of your project, we enhance the footage with **editing services** including adding music, animation, images, text overlays and more.

Time Lapse Videos are an **excellent way of marketing** your construction business through social media and engaging with key stakeholders to keep them engaged.

Site Condition Monitoring Solutions

Site condition monitoring is vital to ensuring your site, the local area and the environment are protected against the dangers created from demolition and construction.

Available with all of our security solutions, our site condition monitoring sensors track key data such as emissions, noise and weather conditions and will trigger alerts if levels are above the predefined rule set by yourself.

They can be attached to our products and offer measurements for:

- Weather conditions
- Decibel levels
- Particle monitoring
- Local Air Quality Management (LAQM)
- Co2 emissions

Their use helps to keep you within safety levels, prevent complaints, and avoid costly fines and work stoppages which can disrupt your construction sites' operations.

With our site condition monitoring, you're able to preset limits to ensure you stay within the safety range specified for your site, protecting the public and environment.

If preset limits are surpassed, our sensors will trigger, promptly informing you of this, so that you can react quickly to resolve the matter and avoid potential fines.

Our IoT sensors help to monitor and track weather conditions, providing you with evidence that can be presented to clients if delays are faced due to this.

Site condition monitoring allows you to maintain positive community relationships, prevent financial penalties, and help keep your construction site on schedule.

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Protecting the UK's Infrastructure Sites

Energy Infrastructure

Securing power plants, substations and energy sites against theft, trespass and operational disruption.

Water Treatment Facilities

Protecting water treatment plants, reservoirs and pumping stations from trespass, vandalism and theft.

Renewable Energy Sites

Protecting wind farms, solar farms and battery storage sites from theft, vandalism and operational disruption.

Telecommunications

Securing telecom towers, fiber-optic networks and switching hubs from theft, vandalism and disruption.

Protecting the UK's Infrastructure Sites

Data Centre Security

Our solutions are designed to secure data centre construction sites, preventing theft, trespass and disruption throughout every build.
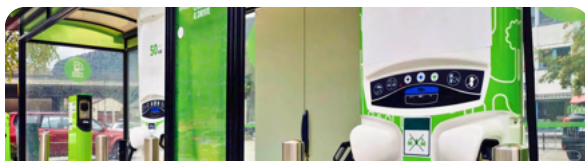
EV Charging Infrastructure

We supply CCTV Towers with live monitoring to protect EV stations from cable theft, vandalism and site misuse.

Fuel & Chemical Storage

Securing fuel terminals, petrochemical plants and hazardous material storage sites from potential theft, vandalism and security breaches.

Transport & Logistics Hubs

Protecting ports, airports and distribution centres from theft, trespass and cargo disruption.

WCCTV
WIRELESS CCTV

Security Solution	Description
ANPR Cameras	Tracks and records vehicle movements, preventing unauthorised access to construction sites and infrastructure projects.
Thermal Imaging CCTV	Detects heat signatures for intrusion detection in low-light conditions or fire prevention on sites.
AI Video Analytics	Intelligent surveillance that reduces false alarms, detects unauthorised access and enhances security response times through automated alerts.
Bodyworn CCTV	Wearable security solutions to ensure the safety of remote and isolated workers, with real-time monitoring and emergency alerts.
Evidence Software	Our Evidence Management Software (EMS) is designed to provide users with a simple solution for managing digital files captured by a WCCTV Body Worn Camera.
Software Solutions	Our software allows you to add cameras, control them, create automated tours, receive alerts and view live and recorded footage at any time, anywhere.
Stellifii Platform	Stellifii is a UK Manufactured 5G-ready platform that combines video streaming with smart city applications in a cloud-based ecosystem.

PROTECT
Body Cameras for Safety & Security

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Stellifii: Smart by Day Secure by Night

Stellifii is WCCTV's UK-manufactured platform that delivers mobile surveillance, monitoring and remote insight. It combines video, analytics and IoT data in a powerful, cloud-based ecosystem designed to give users full visibility, intuitive functionality and intelligence.

But it's more than just a Video Management System (VMS) or transmission platform, it's a complete cloud-based ecosystem that transforms how mobile surveillance solutions operate and how users interact with them.

It brings together wireless video connectivity, condition monitoring data, system diagnostics and reporting tools into a single interface that can be accessed at any time from anywhere. Developed completely in-house by WCCTV, Stellifii delivers a comprehensive solution for remote monitoring, control and actionable intelligence. Whether you're monitoring cameras, pulling air quality data or generating a compliance report, Stellifii can do it all.

Stellifii consists of: Safety PPE / Traffic, Smoke & Fire Detection, License Plate Recognition, Environmental Monitoring, Weather Monitoring, Performance Diagnostics, Video Options (IR, PTZ etc), Live Automated Audio, LED Deterrence, Time Lapse, Secure Cloud Software and Mobile Applications.

Stellifii is fully built and managed by WCCTV in the UK. This means faster innovation, direct support and complete control over performance, updates and data security.

Access footage, control settings and generate reports from anywhere. No need for DVRs, server racks or manual retrieval. Just log in and manage your entire network.

Plug in environmental monitoring tools, gather air quality data, check decibel levels or run compliance reports from one platform. Stellifii moves beyond standard security.

Built on UK government-approved infrastructure with AES256 encryption & European or North American components as standard. Fully compliant & future-proofed.

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WCCTV: Industry Leader in Critical Infrastructure 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.

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.

2001
Established

6
UK Locations

20+ years
Experience

2000+
Sites Protected

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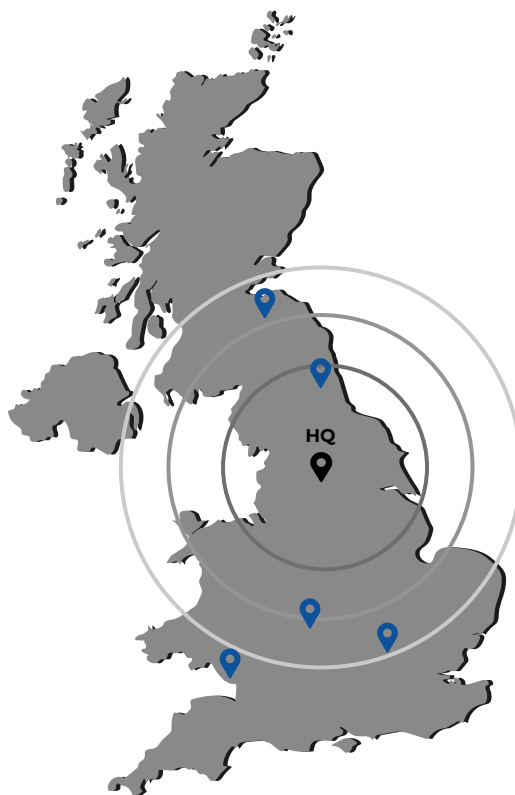- **Construction**
- **Critical Infrastructure**
- **Local Authorities**
- Housing Associations
- Rail Networks

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