



WCCTV CCTV & Security for Rail Networks

Protecting Your Rail Network Security with WCCTV's Surveillance Solutions

WCCTV is a leading supplier of remote access CCTV, remote condition monitoring, body worn cameras, time lapse video and level crossing census data gathering to the rail industry. Our portfolio supports a wide range of safety and security applications for both trackside and non-trackside deployments.

UK rail networks face considerable safety and security challenges, including the prevalent issue of metal theft. This not only jeopardises the functionality of the network but also poses significant risks to the safety of passengers and staff. Other challenges include managing and securing extensive track miles, stations, and trains against various threats such as vandalism and unauthorised access to non-public areas, all while ensuring the well-being of millions of passengers and employees. We have specifically designed an industry leading product set to meet the unique demands of rail environment, meeting the need of our rail clients.

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 rail networks needs.

Reduce Security Costs by up to

88%





Rapid Deployment CCTV Towers

The Network Rail Type Approved Tower is the only rapid deployment Tower with PADS approval for trackside deployment. It is non-conductive, easy to install, and its redeployable design means it can be quickly moved to a new location as requirements change.

The Network Rail Tower integrates wireless technology to transmit live and recorded video and alarms, a market-leading camera with infrared imaging and 360-degree pan, tilt and 36x zoom, audio speakers to enable a remote challenge to occur, and a removable hard drive (up to 4TB) for local storage.

The ease of installation afforded by the Tower means it can be easily deployed and fully operational in just a matter of minutes, making it ideal for temporary or mobile rail use. Our CCTV Towers transmit a live video feed regardless of internet connectivity, as we always use the latest wireless communication technology in every tower.



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.



Network Rail CCTV Tower

Network Rail CCTV Towers are specifically designed to provide video monitoring and security for trackside, level crossing and depot applications. It is the only CCTV Tower approved for trackside deployment due to its non-conductive design.

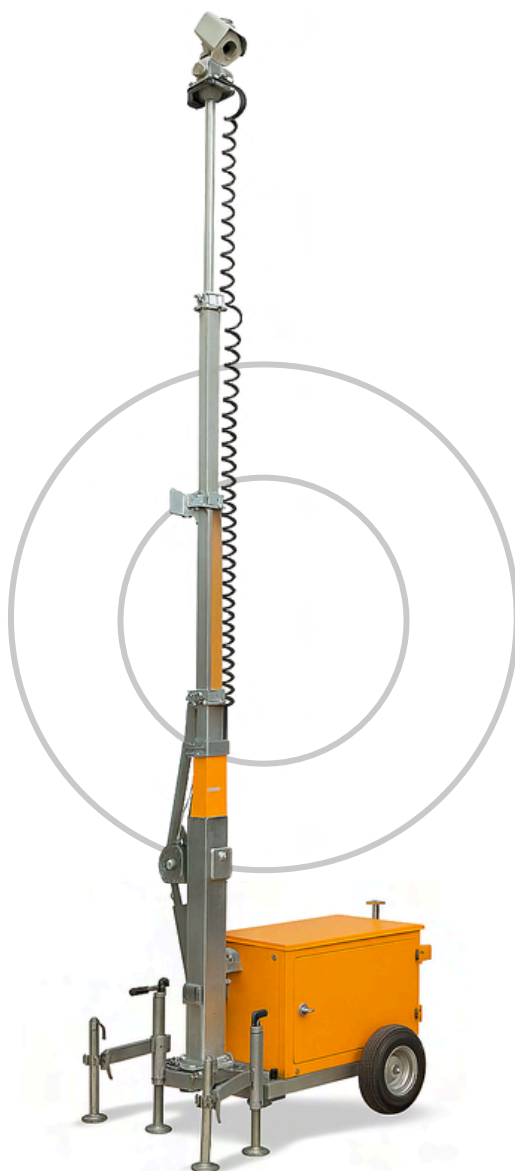
A Rail CCTV Tower is a rapid deployment unit that stands 7m tall, is painted bright orange and has a PTZ camera mounted to the top. It provides a visible deterrent to criminal activity at rail construction and maintenance projects and can also be utilised for workforce safety and time-lapse video filming.

Built with non-conductive materials, the Rail CCTV Tower is the ideal solution for trackside and depot management and security. As an all-in-one surveillance solution, it combines wireless video transmission, an HD infrared 360° PTZ camera, audio speakers for live audio challenges, multiple motion detectors and local video storage capacity.



Trackside Deployment

Due to its non-conductive mast and chassis, the WCCTV Network Rail Tower is the only rapid deployment CCTV solution approved for trackside deployments



Other Solutions for Trackside and Stations



Body Cameras

The WCCTV Body Camera - Protect forms an essential part of the overall safety toolkit for frontline, public-facing workers.



[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](#)



4G IR Mini Dome

A compact redeployable CCTV camera that combines full PTZ functionality, infrared night vision and mobile connectivity.



[Learn More](#)



Body Worn Cameras

WCCTV is an award-winning supplier of UK Manufactured Body Worn Cameras that feature a unique forward-facing screen that has a proven impact on reducing the occurrences of verbal and physical abuse directed towards public-facing workers.

We provide a complete solution for Body Worn Video applications, including award-winning Body Cameras, digital evidence management software and range of mounting and charging accessories. We manufacture and support all of our cameras and software in the UK, allowing us to provide an end-to-end managed service that helps our clients protect their staff and secure vital video evidence.

Our Body Camera leads the market in terms of features, functionality, technical capability and ease of use for the wearer and video manager. The simple and functional design of the camera makes it easy to use with one button to start recording and one button to stop recording.

The distinctive forward-facing screen on WCCTV's body cameras plays a significant role in **de-escalating conflict**. Individuals behave better when recorded.

Small, discreet and lightweight, WCCTV's body cameras are **barely noticeable** to the wearer once they are attached. Despite the size, it contains market leading features.

The device's **1080p video recording** capability means you will capture high-quality video evidence, whether for police investigations or training employees.

The optional extended battery pack easily clips onto the bottom of the Body Camera, providing an additional **8 hours of run time**, making it ideal for long periods.

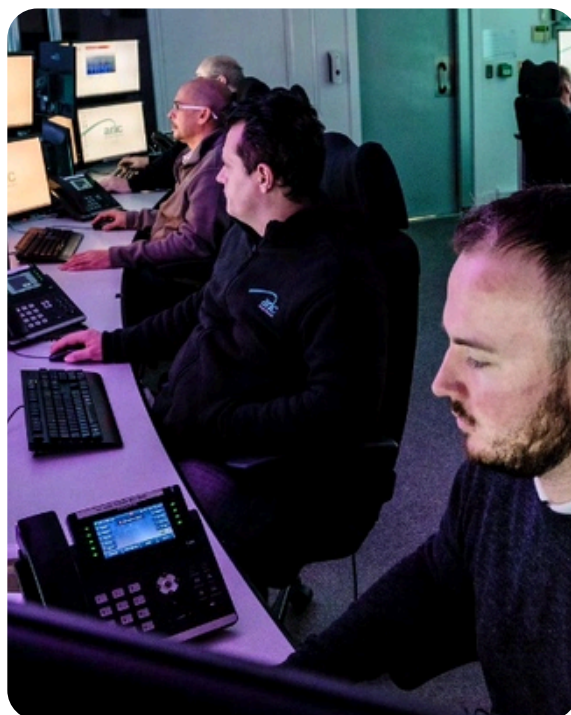


Remote Video Monitoring

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.



Redeployable CCTV Cameras

WCCTV's redeployable CCTV cameras offer a flexible and effective solution for rail sites where permanent infrastructure isn't practical. These units can be mounted to existing poles, buildings or portable structures to provide security coverage or monitor workforce activity.

They are ideal for station upgrades, bridge refurbishments, access points and compounds, anywhere that requires portable or semi-permanent protection. The systems operate over 4G/5G networks and include onboard recording, remote access and motion detection as standard.

Their portability makes them easy to reposition as works progress, supporting evolving projects without compromising on visibility, compliance or response times.

The wireless connectivity of WCCTV's Redeployable Cameras allows local authorities to remotely access live and recorded footage via WCCTV's secure platform or mobile app, enabling real time monitoring from any location.

Our Redeployable Cameras can be installed and operated in **under 20 minutes**, providing a dynamic response to emerging and developing crime patterns.

WCCTV's unique **mobile transmission technology** allows you to access footage from your cameras via our desktop software and smartphone app anytime, anywhere.

All of our redeployable units feature **three** additional input channels, allowing for bolt-on solutions such as **ANPR** cameras and blue light alarms to be added.

With our cameras we provide a built-in remote diagnostics tool, **WCCTV Heartbeat**, which continually checks the camera is performing to optimal levels.

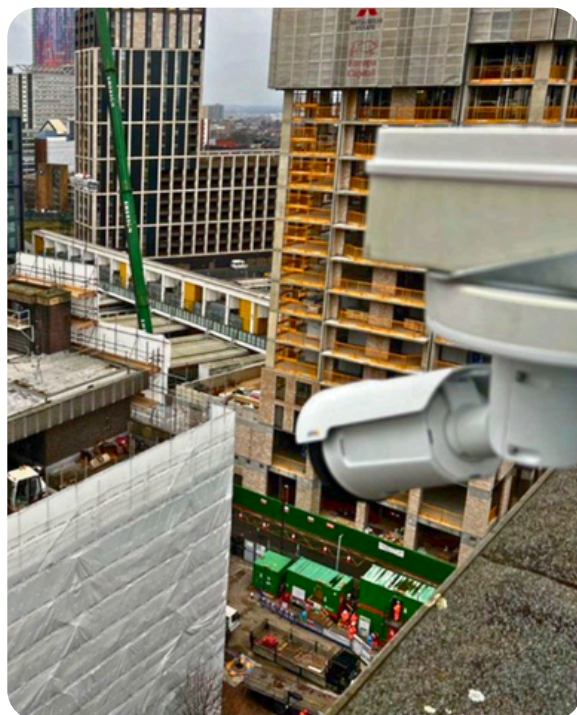


Time Lapse Video Solutions

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.

Delivering Results on Your Rail Projects



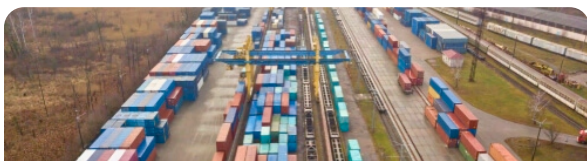
Trackside Equipment Security

WCCTV protects trackside locations with rail-approved CCTV systems that deter theft, trespass and vandalism. Ideal for securing signaling assets, cables, and site cabins.



Trespass & Theft Prevention

WCCTV helps reduce costly disruption from trespass and copper theft with visible CCTV systems and live video alerts. Deployed at known hotspots across the rail network.










Depot & Rolling Stock

WCCTV secures depots, sidings and rolling stock storage with temporary CCTV solutions that provide wide-area coverage without fixed infrastructure.



Station Staff Safety

WCCTV supports rail staff with body cameras that reduce abuse, false complaints and unsafe interactions in public-facing roles.

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 construction 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





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.

WCCTV: Industry Leader in Rail Network Security

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

2001

Established

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UK Locations

**20+
years**

Experience

2000+

Sites Protected

Traffic Management

Vacant Properties

Critical Infrastructure

Rail Networks

Local Authorities

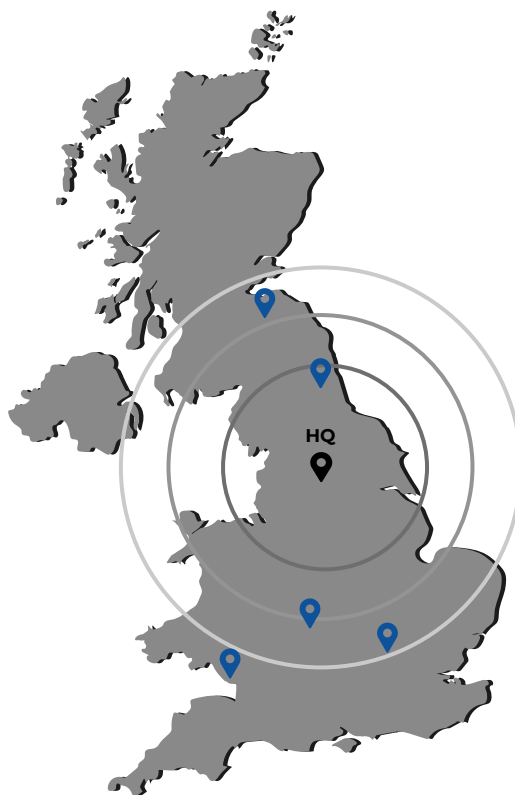
Housing Associations

Construction

**24/7/365 Days
A Year Service**

Local Focus, National Coverage

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



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