



Highways & Transportation

Driving technology to create safe working environments across the transportation sector

www.clearway.co.uk



Technology as an active safety measure


For over 30 years, Clearway has been at the forefront of developing and delivering security technology and services. We understand the close connection between mainstream security and the unique requirements of the highways and transportation sector where the assets at stake are people, infrastructure, plant, and premises.

Working with clients including National Highways, Tier 1 contractors, and leading traffic management companies, we've shown how technology can enhance safety and efficiency across highways and wider transport projects.

Our solutions are focused on three core areas: Road Safety, People Safety, and Compound Safety. While each has its own role, they often overlap, creating a stronger, more integrated safety framework.



From protecting workers on live carriageways and securing compounds, to reducing unnecessary human interaction with highway assets, our technology acts as an active safety measure across temporary traffic management and fixed infrastructure alike.



NSI
GOLD
Alarm monitoring & handling

NSI Gold Cat II Alarm Receiving Centre (ARC)

At Clearway we have our own high security, 24/7/365, NSI Gold Cat II Alarm Receiving Centre (ARC), which provides complete peace of mind to all of our clients.

This facility removes the headache, expense and duplication of energies in providing facilities and staffing on projects where temporary monitoring and detection is required. On your behalf we are licensed to monitor, react to alerts, and deal directly with incidents whilst operating a professional and transparent service to the highest recognised and audited standards in the UK.

Road Safety

inView Technology Tower

The Clearway solar powered inView Technology Tower is delivered and located in minutes and, through remote connectivity, is remotely configured to provide instant CCTV, stopped vehicle detection, and alarm systems.

Our remote connectivity also removes the necessity for civil engineering dependent fibre or power cabled inductive infrastructure.

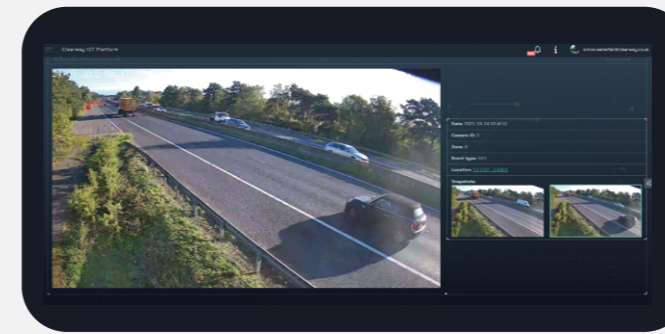
CCTV

Our intelligent CCTV solutions also include:

- ✓ **Spot Speed** - the instantaneous speed of a vehicle measured at a specific point on the road, ideal for safety analysis, and traffic management studies.
- ✓ **Count & Classification** - recording traffic volumes and categorising vehicles (e.g. cars, vans, HGVs, buses) to understand flow, demand, and road usage patterns.
- ✓ **Wrong Way Detection** - automatic identification of vehicles travelling against the permitted direction, with alerts to prevent incidents and improve safety.
- ✓ **ANPR (Automatic Number Plate Recognition)** - capturing and analysing number plates for access/egress and security applications.



- Stopped Vehicle Detection (SVD)
- Spot Speed
- PPE Monitoring & Compliance
- CCTV
- Count & Classification
- Wrong Way
- ANPR



Stopped Vehicle Detection (SVD)

Using our advanced CCTV technology, mounted on our mobile towers, Clearway delivers a video-based Stopped Vehicle Detection (SVD) solution that provides near-instant alerts to our NSI Gold II Alarm Receiving Centre (ARC).

Unlike traditional monitoring, which relies on multiple operators scanning feeds to spot incidents, our intelligent algorithms continuously monitor live images across the network. As soon as a vehicle comes to a stop, an alert is triggered, enabling the ARC to respond to live incidents immediately.

This automated approach not only improves response times and safety but also delivers significant cost savings by removing the need for labour-intensive "search and find" monitoring.

Live feeds for general surveillance are achieved simultaneously via the alerting system, with the ability to deliver stills/live feed to the National Traffic Operations Centre and/or regional control centres.



Barriers

Clearway works with technology partners to provide innovative solar-powered barriers for Highways, Rail, Construction & Events. These barrier systems are solar hybrid powered, completely mobile, fully HSE compliant and UKCA marked.

Whether you're managing site access for highways, utilities, events, or remote infrastructure, solar barrier options provide a sustainable and secure solution with zero trenching or cabling required.

The SOSEC units are fully self-contained, solar powered, and can be installed in under an hour. They're ideal for locations without mains power and perfect where speed, flexibility, and safety are critical.



People Safety

inSite Wearable Safety Devices

Highways and transport workers face real risks, from verbal abuse to physical attacks and vehicle incursions. In one year alone, 214 incidents against traffic officers were recorded by National Highways.

Clearway's inSite BodyCams improve safety on the ground by deterring confrontations and capturing HD evidence when incidents occur. The visible presence of a camera often helps de-escalate situations, and if an incident does happen, footage provides a clear, independent record to support investigations and prosecutions.

✓ CAPTURE ✓ RECORD ✓ DETER

- 1080 recording & 720 live streaming
- 12-hour lithium battery life - quick charging to protect every worker across every shift
- Real time location
- Redact faces & number plate information via online portal
- Live SOS alerting back to an NSI Gold Monitoring Station
- Team leader audio broadcast function
- Lone worker auto alerts for slips, trips & falls with inbuilt G sensor
- 2-way audio communications



AI-Powered PPE Monitoring & Compliance

Clearway's AI-powered PPE Monitoring solution uses edge and cloud-based technology to ensure workers wear the correct PPE at all times. It can be deployed via our rapid technology towers or integrated with existing CCTV systems.

The system provides real-time detection and alerts, backed by cloud-based analytics, automated reports, and image snapshots of non-compliance. It can be tailored to any site's PPE requirements, from full PPE to hard hats and hi-vis only, with detection zones set to minimise false alerts.

Correct PPE not only reduces injuries and absences but also helps contractors avoid costly claims, fines, and prosecutions.





Compound Safety

Temporary Access & Egress

Safe access and egress within temporary compounds are critical for staff, visitors, and vehicles. Barrier systems define clear, controlled routes, helping manage traffic flow, reduce risks, and maintain compliance with highway safety standards. Quick to deploy with no requirements for mains power, our barrier solutions help to keep compounds secure and safe at all times.

Barrier systems can also be connected to our ANPR solution for a more intelligent access control solution.



Manned Guarding & Compound Security

No two compounds are the same, and each requires a tailored security approach. Professional on-site guarding provides a visible presence to protect staff, vehicles, and assets, working seamlessly with barriers, CCTV, alarms, and other systems.

By combining manned security with a full range of integrated solutions, sites are kept safe, compliant, and operational – reducing risk and giving peace of mind for all who enter.



clearway labs

Clearway Labs is where our in-house team of experts, including those with specific highways sector knowledge, turn unstructured data from cameras into structured, actionable insights, providing valuable reports designed to help mitigate risk and monitor safety and compliance.

We offer a suite of IoT (Internet of Things) devices alongside development, project management, and consultancy services, designing custom models that can be used in applications across the highways and transport sectors.

Clearway IoT Platform

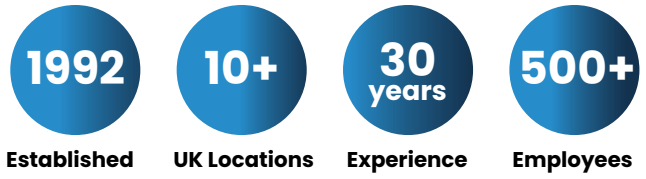
Our sophisticated Internet of Things (IoT) platform offers ease of use and accessibility and enables us to handle thousands of devices efficiently, monitoring their performance, health and alerts across the network.

The integration between our smart devices and fully accredited Alarm Receiving Centre (ARC), coupled with our ability to share data in real-time with our customers, is what sets us apart from the competition.



Experienced and trusted

Over the last 30 years, Clearway has developed an unparalleled range of security, safety risk mitigation and intelligent monitoring solutions - protecting your people, property and assets. Working across a wide range of industry sectors, our proven best practice approach is delivered with certainty, consistency and sustainability, giving you complete peace of mind.



Local focus, national coverage

Infrastructure and capability to provide **full service delivery** throughout the UK.

Why choose Clearway?

- ✓ **Cost-effective** and market-leading
- ✓ Nationwide **rapid response**
- ✓ **Same-day service** available
- ✓ **Customer** and **solution** focused
- ✓ **24/7/365** call centre
- ✓ On-time, **efficient** and reliable
- ✓ Excellent, **friendly customer service** and support
- ✓ Thorough **understanding** of the on site challenges



Discover More



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