



**DETER. DETECT. DISPATCH**

# Case Study

Network Rail - Southern  
Shield Safety Group

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# Case Study Background

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Southern Shield is a collaborative safety forum that consists of Network Rail Infrastructure Projects Southern Region and its principal contractors. The forum was set up in response to a tragic accident at Saxilby in 2012 when Scott Dobson was killed in a collision with an oncoming train.



## ➔ The Challenge

The Southern Shield Safety Group, which is part of Network Rail, took measures to improve safety standards by implementing the Workforce Protection System. In this, redeployable, remotely accessible CCTV were identified as a key health and safety tool.

Network Rail were keen to establish a central monitoring position within the new route control centre at the Cotton Exchange in London, allowing contractors working on infrastructure projects on behalf of Network Rail to monitor the systems via their own viewing platforms.

The ambition of Southern Shield is to ensure everyone gets home safely everyday.



# The Solution?

## Rapid Deployment CCTV Towers

Full Case Study

1

Osborne Rail contracted WCCTV, given the company's existing status as Network Rail's key technology partner, to provide 30 Redeployable 4G IR Speed Domes and three of our Network Rail Type Approved Towers.

2

By using our systems and Rapid Deployment CCTV Towers, they provide live transmission of video and alarms from a site using cellular connectivity, allowing remote operators to view images live from the site.

3

When incidents occur, the central control centre is notified where an operator will escalate a response as deemed most appropriate to the nominated contractor for corrective action. The systems retain up to 4 weeks of continuous recording, ensuring the mandatory recording period of 48 - 72 hours is met.



# Key Success Factors

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Quickly deployed WCCTV units to improve workforce safety monitoring near the site.



Provided remote, real-time site visibility accessible from central locations.



Delivered instant alerts, allowing rapid responses to incidents happening on the site.



Offered simple integration into Network Rail's existing safety processes.



Improved compliance with Network Rail's safety recording standards.



Enhanced contractor collaboration, significantly boosting overall rail workforce safety.



# Key Features

## Rapid Deployment CCTV Towers

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WCCTV is the UK's leading provider of Rapid Deployment CCTV Towers, specifically designed to provide an all-in-one site security solution for temporary sites such as construction, demolition and highways infrastructure projects.

Our range of solutions include:

- WCCTV Eco Tower
- WCCTV Solar Fuel Cell Tower
- WCCTV Thermal Solar Tower
- WCCTV Smart Tower
- WCCTV Traffic Management Tower
- WCCTV Network Rail Tower



### Managed Service

All WCCTV's Rapid Deployment CCTV Towers can be provided as part of a managed security service, including: equipment installation, alarm monitoring, maintenance, connectivity and ongoing training & support.



### Deterrent Factor

At 6m tall and painted bright yellow, WCCTV's Rapid Deployment CCTV Towers are an immediate show of force at your locations. We enhance this by adding loudspeakers, flashing lights and sirens to prevent crime.



### Relocatable

The portability of our Rapid Deployment CCTV Towers allows for seamless repositioning and redeployment to adapt to your changing security requirements.



### Advanced Tech

Our high-quality cameras deliver full pan, tilt and zoom control, infrared imagery for day & night detection, enhanced AI video analytics and the highest-quality resolutions.



# The Result

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“As Technology Improvement Manager for Osborne Rail, I was introduced to WCCTV as Network Rail’s technology partner, providing remote viewing systems for the Southern Shields Workforce Protection Scheme. As the principal contractor for the Wessex route and in partnership with Network Rail, we purchased several WCCTV 4G systems to deploy on projects and major works in 2015.

The underlying driver behind the project is to ensure the safety of the workforce; WCCTV’s technology allows for live video feeds to be accessed from any location, enhancing our existing safety practices. I’ve found the systems easy to deploy and use, and I’ve been delighted with the ongoing support I’ve received from WCCTV.” - Osborne Rail





# Time Lapse Services

Full Case Study



Kier IS - Yaddlethorpe Storm Tank



WCCTV's Time Lapse Video services are the perfect way to document your construction or demolition project. They monitor progress, celebrate milestones and ensure your project runs smoothly with our cameras.

Our team of professional engineers and video editing experts will work closely with your teams to understand your objectives and key milestones to ensure you receive a video that captures your project perfectly.

**Learn More About Time Lapse Video**



# Interested?



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Interested in WCCTV Rapid Deployment Towers?  
Please feel free to contact us on:

**(0) 800 470 4630**



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*Wireless CCTV's mission is to create and deliver customer-driven, world-class mobile surveillance solutions through the innovative use of wireless technology.*

