



CASE STUDY

STRESS ENGINEERING SERVICES - SITE SECURITY

CASE STUDY: STRESS ENGINEERING SERVICES - SITE SECURITY

[Click to see full case study](#)

CASE STUDY BACKGROUND

STRESS Engineering Services were contracted by Blaenau Gwent Council and the Welsh Government's historic environment service, CADW, to undertake restoration work on the 200-year-old Big Arch in Ebbw Vale.

THE CHALLENGE

Due to the nature of the site's location, being located in a busy mixed-used commercial and residential area, STRESS required a proactive security system to protect its worksite from intruders and eliminate the risk of plant theft that would cause significant delays to the project.

With the site being long and narrow with tall embankments, the system needed to pick up activity within a 360° area with no disruption from false alarms and alerts.



THE SOLUTION



WCCTV RAPID DEPLOYMENT TOWERS

- ① WCCTV supplied STRESS with two WCCTV HD Site Towers; a self-powered CCTV tower system backed with a service.
- ② The site was protected from the front and rear with 7m tall proactive systems that are bright yellow, making them an obvious deterrent to any unauthorised visitors
- ③ Additionally, WCCTV deployed a static camera and multiple wireless detectors throughout the site to ensure full coverage of any unwanted trespassers that may seek cover behind the cabins.



KEY SUCCESS FACTORS



Deployment of Proactive Security Measures to Safeguard the Construction Site



Remote Monitoring Capabilities Enhancing Project Oversight



Prevention of Potential Losses and Project Delays



Enhanced Peace of Mind for Project Management



Cost-Effective and Managed Security Solution



Weather-Resilient Security System for Continuous Protection

KEY FEATURES

WCCTV RAPID DEPLOYMENT TOWERS

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

Our range of solutions includes:

- WCCTV Smart Tower
- WCCTV HD Eco Site Tower
- WCCTV HD Fuel Cell Site Tower
- WCCTV HD Thermal Smart Tower
- WCCTV HD Solar Fuel Cell Tower



TOWERS	SMART	ECO	FUEL CELL	THERMAL	SOLAR
1080p Camera Resolution	✓	✓	✓	✓	✓
Remote PTZ Control	✓	✓	✓	✓	✓
23x Optical Zoom / 16x Digital Zoom	✓	✓	✓	✓	✓
Up to 8 Wireless Detectors	—	✓	✓	—	✓
Up to 2 Thermal Detectors	✓	—	—	✓	—
Up to 4TB Removeable SATA Hard Disk Drive	✓	✓	✓	✓	✓
Remote Viewing (PC, Mobile, Tablet)	✓	✓	✓	✓	✓
Long Run Battery or Fuel Cell	✓	✓	✓	✓	✓
Audio Challenge and Siren Alarm Capability	✓	✓	✓	✓	✓
Video Analytics	✓	—	—	—	—



THE RESULT



WCCTV's managed CCTV services ensured that STRESS's worksite always remained protected throughout the construction. This prevented potential losses or delays, meaning they completed the project on time.

Furthermore, the site manager has been able to dial into the cameras remotely to check on the project's progression and to ensure there are no emergencies that may have occurred due to the uncertainty of the weather



INTERESTED?

If you think that a WCCTV Rapid Deployment Tower can help your company in any way then please feel free to give us a call on:

0800 470 4630

[View our products](#)



www.wcctv.co.uk



sales@wcctv.com



0800 470 4630



HQ: Rochdale with offices nationwide

RICHARD CARTER, SITE MANAGER FOR STRESS UK AT BIG ARCH EBBW VALE:

“THE PEACE OF MIND THAT COMES WITH HAVING A GOOD CAMERA SYSTEM IN PLACE AS A PREVENTATIVE MEASURE REALLY HELPS YOU SLEEP AT NIGHT. AN ALL-AROUND GOOD SERVICE FROM THE TEAMS AT WCCTV.”