SITE SECURITY
THE SMARTER WAY TO PROTECT REMOTE AND TEMPORARY SITES, 24 HOURS A DAY.
LEADING THE WAY IN REMOTE, MONITORED SECURITY TOWER SOLUTIONS

VPS Site Security is the market leader in rapidly deployable solutions for protecting large and remote sites. With the UK’s leading range of stand-alone, fully integrated, rapidly deployable, mobile security solutions, VPS Site Security prides itself on delivering service excellence and reliability at a local level. As specialists in temporary and remote site security, we understand how important it is to deliver a cost-effective solution without compromising on protection.

COVERING ALL YOUR SITE SECURITY NEEDS

VPS Site Security has solutions to cover the complete needs of even the remotest of sites. VPS site risk assessors work with site managers to find the right mix of people and technology to provide protection at the most cost-effective level without compromising security. Site and security measures will be reviewed as the project develops to ensure nothing is compromised.
VPS TECHNOLOGY SOLUTIONS

Advanced camera technology wirelessly transmits live and recorded images over any mobile network. 24/7 monitoring which is carried out at our fully accredited inhouse monitoring station, combined with live verbal alerts, white light floodlights, and siren warnings creates an extremely effective deterrent.

Additionally VPS FireAlert Wes+ provides an innovative and cost-effective fire safety and evacuation system for construction sites, remote sites, and those without electrical supply

“Not only is the site protected but we can help minimise project delays due to theft/vandalism as well as reducing your site risk profile”
VPS SMART TOWER®
A DIFFERENT LEVEL OF SECURITY

Our VPS Smart Tower® range incorporates all the components needed to provide effective CCTV monitoring and recording in a robust and rugged housing. A vandal-proof pan-tilt zoom camera is supplemented with infra-red illuminators, a variety of movement detectors, a digital recorder and a public address system.

Monitored wired or wireless CCTV, backed-up by live audio challenges, is proven to help prevent crime.

For effectiveness and economy, nothing tops a VPS Smart Tower®

Unique to the market, the VPS Smart Tower offers a quality service that is both more effective and less expensive than traditional guards and equipment.

Unlike a traditional guard, VPS Smart Tower can:
- Turn 360° whilst 7.5m in the air
- See in the dark
- Detect heat as well as light
- Operate 24/7 without a break
- Remember every detail for at least 30 days

Zero infrastructure requirements:
- No mounting
- No power
- No additional communications

Fully accredited monitoring centre
BS 5979 Cat II combines technology with our team of skilled Security Industry Association (SIA) approved operators to guarantee keyholder response.

Other benefits include:
- Hydrogen fuel option available
- 1-way communication through tower

Applications
The versatility of the VPS Smart Tower® range is second to none. Deployed in 100's of sites across the UK and Europe, it's suitable for a number of applications including:
- Construction Sites
- Event Management
- Utilities
- Infrastructure Projects

Protect your public liability
As well as providing a 24/7 security solution the VPS Smart Tower helps you fulfill your public liability obligations by ensuring that any changes to the site are picked up swiftly and any intruders are detected immediately.
In addition, it provides a reliable method for monitoring the comings and goings of authorized personnel, as anyone accessing the site will need to arm and disarm the system, using their own unique PID key.

Construction
Infrastructure
Utilities
Railways
Housing
Petrochemicals
Events
VPS SMARTALARM

The VPS SmartAlarm® range offers all the benefits of a 24/7 monitored alarm system with no requirements for electricity or a phone line. The alarm is entirely stand-alone with a long-life battery and on-board tamper detection, and provides instant detection and alerting on a range of incidents including intruders, flooding and smoke.

- Instantly reports all detected incidents to VPS monitoring station, triggering response team call out
- Ability to pair with camera sensors allowing full visibility of any activity on your site
- 120dB siren to deter intruders
- Encased in a strong metal enclosure with a high impact dome
- Utilises a unique Personal Identification Device (PID key) so as to create a full log of users
- Verbal instructions allow ease-of-use

VPS ALERT TOWER – MOBILE, WIRELESS, VIDEO VERIFIED ALARM TOWER

The VPS Alert Tower can be rapidly installed as a stand-alone multi-unit, or seamlessly integrated with other VPS Site Security products to provide an outstanding security solution to protect vacant property, construction or remote sites.

- Quick to install
- Battery powered
- Suitable for internal or external use

VPS Alert Tower features

- Mast height of 1.7m, extendable to 2.3m
- Range of up to 14m in daylight and 12m at night-time
- Can be connected to up to 22 ancillaries (detectors, sounders, etc) and variations of VPS Alert Towers, VPS Smart Towers and VPS Alert Cams.
- Quick installation – standard configuration can be installed in just 45 minutes
- Fitted with wheels and adjustable handles for ease of deployment
- Portable units fit in the back of a medium sized van for easy relocation
- No surrounding infrastructure requirements – battery powered for temporary use (up to 2 years)

VPS ALERT TOWER®

The rugged VPS Alert Tower is our entry level mobile video verification alarm system offering flexible site and asset protection. The VPS Alert Tower can be anchored to the ground and used as a base to attach point to point active beams, alarm sounders or fire alert points. Bespoke design makes this product unique in the market place. It is perfect for small areas, both outside and inside, where there is particular need for protection or where there is no surrounding infrastructure.

VPS SMARTLOCKBOX

Minimise key holding issues and maximise operational efficiencies with the VPS SmartLockBox.

- Level 2 Police Accreditation – more secure than your front door
- Bluetooth and PIN code access for complete security
- Geo-Fencing enables recording of time accessed and attendance
- Lone-worker Protection for individual employee safety
- Track access through text notifications - provides peace of mind
- Flexibility – stores keys, fobs and cards
- In-App control from your smartphone
- VPS SmartLockBox Management Portal - Fully traceable and online management
- Easy to fit and install securely with 3 years’ battery life for peace of mind
- In-App control from your smartphone
- VPS SmartLockBox Management Portal - Fully traceable and online management
- Easy to fit and install securely with 3 years’ battery life for peace of mind

VPS ALERT TOWER®

The VPS Alert Tower can be rapidly installed as a stand-alone multi-unit, or seamlessly integrated with other VPS Site Security products to provide an outstanding security solution to protect vacant property, construction or remote sites.

- Quick to install
- Battery powered
- Suitable for internal or external use

VPS Alert Tower features

- Mast height of 1.7m, extendable to 2.3m
- Range of up to 14m in daylight and 12m at night-time
- Can be connected to up to 22 ancillaries (detectors, sounders, etc) and variations of VPS Alert Towers, VPS Smart Towers and VPS Alert Cams.
- Quick installation – standard configuration can be installed in just 45 minutes
- Fitted with wheels and adjustable handles for ease of deployment
- Portable units fit in the back of a medium sized van for easy relocation
- No surrounding infrastructure requirements – battery powered for temporary use (up to 2 years)

VPS ALERT TOWER®

The rugged VPS Alert Tower is our entry level mobile video verification alarm system offering flexible site and asset protection. The VPS Alert Tower can be anchored to the ground and used as a base to attach point to point active beams, alarm sounders or fire alert points. Bespoke design makes this product unique in the market place. It is perfect for small areas, both outside and inside, where there is particular need for protection or where there is no surrounding infrastructure.
MEETING THE HIGHEST STANDARD OF LEGISLATIVE COMPLIANCE WHILST HANDLING THE UNIQUE FIRE SAFETY CHALLENGES OF CONSTRUCTION SITES

WIRELESS FIRE ALARMS - VPS FIREALERT WES+

VPS FireAlert Wes+ is an innovative fire safety and evacuation system that helps protect people, property and assets on building and construction sites.

The aim of VPS FireAlert Wes+ system is to give the workforce the earliest possible warning of fire, allowing the maximum time to escape and to call the fire and emergency services if required. This early alert can reduce the risk of injury as well as providing more time to restrain fire spread, minimising damage and financial loss.

This proven FireAlert system is mobile and wireless, with long battery life delivering a cost-efficient, effective and practical solution. Quickly and easily deployed at any location, VPS FireAlert Wes+ is ENS4 compliant, has a CE mark and meets all important fire safety guidelines and legislation.

Additional Features:

- 3 years battery life, reducing lifetime costs and the need for constant replacement while also improving compliance with waste regulations
- Possibility of unlimited number of units in any combination on one site; adding and removing units is quick and easy as the build progresses; VPS FireAlert Wes+ units can be re-used on future projects
- Real-time system monitoring: each unit monitors itself (battery, signal, etc.)
- Anti-tamper controls to ensure system integrity and compliance
- Transit mode to allow safe removal & storage without risking activation
- Silence test function which eliminates the need of a construction site evacuation during a test, therefore there is no disruption on the site and/or nearby residential area
- No wiring is required
- In case of an incident, the problem can immediately be located and identified preventing delays in the construction project and decreasing the possibility of further damage and injury to employees

Access Control

The widest range of hardware, software and networked systems to suit any environment.

Biometrics

- Reliable fingerprint access regardless of dirt, grim and moisture on the skin, compliant with Data Protection Act.

Proximity Systems

- Comprehensive range of cards, tokens, readers and keypads.

Intercoms

- Audio and/or video with telephone integration, wired and wireless.

Turnstiles

- Full height or half height configurations.

Barriers

- Automatic or manually controlled with integrated intercoms, CCTV and access packages.

Networked Systems

- Office-based administration including ID card creation, investigation of pay disputes and H&S reporting.

Integration

- Compatible with popular time and attendance software and H&S control packages.
GUARDING SOLUTIONS

Guarding partners are culturally aligned to our values.

Our Pre-Qualification Questionnaire ensures compliance with the following:

• Organisation Details & Structure
• Coverage, Legislation & Working
• Regulations
• Rules of Engagement & Instructions
• SIA Compliance Matrix
• Health & Safety
• Quality Assurance
• Equal Opportunities & Codes of Conduct
• Drug & Alcohol Compliance
• Corporate Social Responsibility
• Data Protection
• Commercial Requirements
• References
• Financial Stability
• Insurances

Guard Skill Set

• SIA guarding licence
• Defibrillator trained
• First Aid qualified
• Good IT skills
• Experience in construction
• CSCS card

Accredited to SIA ACS for the following services:

• Public space CCTV monitoring
• Manned guarding
• Keyholding services

PERIMETER FENCING

Site security begins with physical security and a strong fence line.

Site surveys and security risk assessments will look carefully at perimeter security. A solid fence comprised of anti-climb panels is the first line of defence against intruders and helps to protect employees and members of the public during construction activities.

In addition to traditional mesh panels, security specifications may also include pedestrian barriers, hoardings and traffic demarcation products.
VPS combine people and technology to bring the best security solution for sites and infrastructure projects using the latest innovations.

Along with other tried and tested VPS products and our manned guard services, VPS are able to provide a comprehensive range of rapid solutions for site monitoring and 24/7 protection.

Our products and services can be used individually or in combination for both large and small sites. We will come to your site, listen to your individual requirements and respond with the best and most cost-effective solution for you.

**SITE SECURITY SOLUTIONS:**

- Advanced mobile CCTV solutions (VPS Smart Tower)
- Fixed CCTV design, installation, maintenance and monitoring
- Intruder alarm system, design, installation, maintenance and monitoring using the SmartAlarm range
- Lone worker alarms, supply and monitoring
- Fire Detection and evacuation systems for construction with optional first aid call point
- Free-standing, mobile video verified camera towers (VPS Alert Tower)
- Advanced video verified PIR cameras for site-wide use (VPS Alert Cam)
- Access control including biometric systems, design, installation, maintenance and monitoring
- Thermal cameras (heat detection)

**WHY CHOOSE US?**

VPS Site Security is working with Costain to provide a fully integrated security and monitoring solution using a combination of its mobile CCTV product (the VPS Smart Tower) and manpower services. The objectives are to protect a number of construction storage sites as well as monitor the traffic flow over the 14km stretch under construction. The overall scheme is planned for completion in 2018.

**BACKGROUND**

The A465 is a major road in South Wales spanning 66 miles, and more commonly known as the Heads of the Valley road as it joins together the northern ends (or ‘heads’) of the South Wales Valleys.

VPS Site Security is working with Costain to provide a fully integrated security and monitoring solution using a combination of its mobile CCTV product (the VPS Smart Tower) and manpower services. The objectives are to protect a number of construction storage sites as well as monitor the traffic flow over the 14km stretch under construction. The overall scheme is planned for completion in 2018.

**SITE CHALLENGES**

- Length and remoteness of site
- Plant equipment security
- Traffic management
- Works progress – Constantly evolving site

**THE ASSESSMENT AND RECOMMENDATIONS**

The starting point for any VPS assessment is to gain a detailed view of the entire site with the client, building up a footprint of the area, checking over the site plans, and combining a summary of local crime reports with an overall risk assessment of the area.

Employing solely guards and monitoring staff along the site would make it difficult to achieve comprehensive 24/7 coverage of the area, and would also be extremely expensive. Relying just on remotely-monitored CCTV technologies may not have enabled quick responses to incidents, particularly those which would affect the traffic flow. Following a detailed risk assessment of the location, perimeter and the operational requirements of the project and the client, the resulting recommendations were a ‘best-fit’ combination of measures using physical and electronic security equipment combined with a night-time mobile response officer. The aim is to keep the site compounds secure, deter attempted breaches, and ensure any traffic incidents are picked up quickly.

**SOLUTION**

To meet the challenges, VPS Site Security planned an innovative network of 18 VPS Smart Towers® with 36 CCTV cameras installed along the 14km stretch of highway. Because of the remote and difficult terrains, they designed a wireless fluid mesh communications system that provided unique, advanced connectivity for the towers to allow transmissions to a purpose-built, mobile monitoring station. Additional VPS mobile patrols supported and complimented the overall protection and monitoring service. This network provided a dynamic, flexible solution, enabling 24/7 monitoring, and gave the client multiple benefits for their construction project:

- A safer environment in a busy, live traffic setting
- A fast-track monitoring and alert system to minimise congestion and disruption if a vehicle breaks down or an accident occurs
- Intelligent use of leading edge technologies that dramatically cut the costs of security staff whilst protecting valuable materials and equipment
- The towers provided visible deterrents enhanced by light and voice alerts, with automatic signals sent to the VPS monitoring station if there were attempted breaches
- A mobile control room located within the main compound meant managers could be kept up to date at all times on their tablets, with a real-time view from any of the towers
- Energy supply options ranged from on-site electricity supply, when available, through to stand-alone generators or environmentally sustainable hydrogen fuel cells, where no regular power supply exists
- Mixed solution benefits that contribute to Costain’s social capital goals
- A strong partnership that will build and help develop for future, sustainable projects

For more information contact our Site Security Specialists on:

0800 294 2828

www.vps-sitesecurity.co.uk

**HIGHWAYS AND CONSTRUCTION: INNOVATIVE, FLEXIBLE SECURITY COMPRISING WIRELESS NETWORKS OF VPS SMART TOWER® SYSTEMS, WITH ADVANCED FLUID MESH CONNECTIVITY. A DYNAMIC SOLUTION THAT NOT ONLY PROTECTS THE SITE BUT ADDS OPERATIONAL VALUE FOR COSTAIN HEADS OF VALLEY ROAD IMPROVEMENT PROJECT.**