



# TRAFFIC INCURSION SOLUTIONS

TECHNOLOGY FOR SMARTER HIGHWAYS

**VPS**  
HIGHWAYS  
SOLUTIONS



[www.vpsgroup.com](http://www.vpsgroup.com)  
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# TRAFFIC INCURSION SOLUTIONS

VPS Traffic Incursion Camera System is an integrated safety solution for Highway Maintenance personnel and Roadworkers. The system will alert road workers to the danger of an approaching vehicle. This enhances safety and security of the Highway Maintenance personnel working within the work zone. Latest analytic high definition camera system, mounted on our self-powered Smart Tower System, all linked wirelessly to sounders mounted on traditional cones.

Sounders, strobe lighting and alert systems will immediately be triggered when an incident or incursion occurs. CCTV is mounted on the Smart Tower to capture and record the incident in high definition and real-time. Handheld remote control fobs are fitted with a button to disarm the system temporarily if a known works vehicle is entering the site. There is also a panic button to alarm the workforce of an incident.

## VPS PATENTED SOLUTION

### Mobile CCTV Tower

- HD Analytic camera
- Infra-Red night vision
- Real-time HD recording
- Audio recording
- Linked to project wide alert and evacuation system

### VPS ALERT SYSTEM

- Alert system deployed on cones
- 100 db siren and flashing strobe
- Emergency Manual Call Points
- Radio network to cover unlimited distances

### KEY BENEFITS

- Easy to deploy by contractor staff - no special vehicles needed
- Visible deterrent
- Data capture to inform future strategy
- Enhanced risk mitigation
- Optimal value within industry



## INCURSION CAMERA SOLUTION

### Mobile CCTV Tower

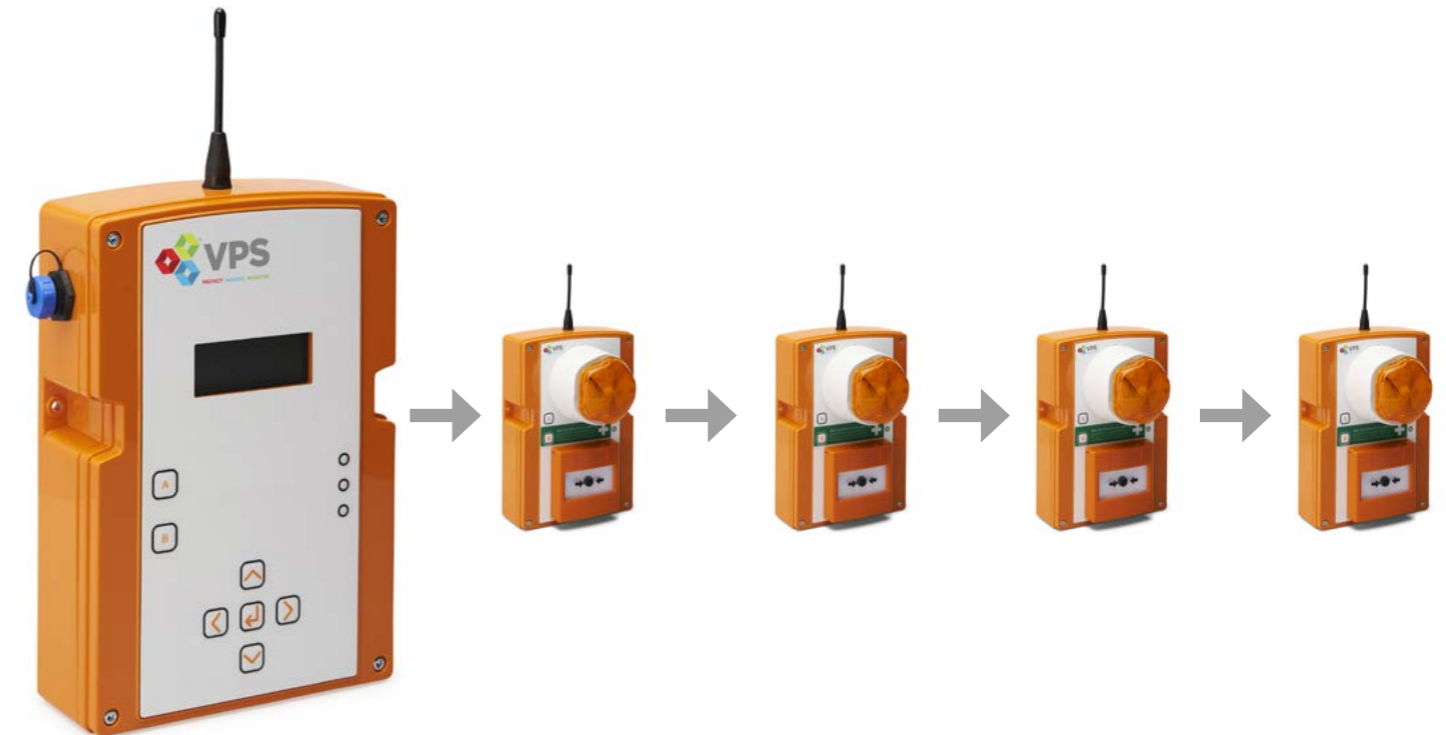
- Battery Powered Analytic CCTV system with LED IR illumination for night vision
- Real-time CCTV HD recording with ANPR capture
- Audio recording
- Can be interlinked with on-site monitoring and/or third party monitoring
- Radio key-fob for arming and disarming the system with LED status display / Panic alarm
- Event Log offering 2000 events
- Long duration battery 168Hrs with remote monitoring on status
- Integrated with battery powered sounders, strobes and emergency call points using a radio mesh 1km distance per device with 3 year battery life
- Polling across devices ensure any system failures can be detected 24/7/365
- Planned and reactive maintenance 24/7/365
- Remote support 24/7/365
- Optional Solar for long term deployments

### CE Accreditation

- Remote monitoring in an approved BS5979 central station for special projects - I.e
- Taper Impact Alarms or Unmanned Closures

### VPS Alert System

- Base station deployed on Tower or within TM vehicle
- Individual call points interlinked by radio mesh network
- Design reduces false alarms and associated cost/delay
- Audio warning and flashing strobe for immediate alert and evacuation
- Each manual call has a radio repeater with a range of up to 1000m - Unlimited distance and unlimited number of units
- Text/Email notification of any event to site management and monitored loop
- 3 year battery life for service certainty and reduced maintenance
- Polling, Tamper and Low Battery Alerts upon failure





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PROPERTY SOLUTIONS

GUARDIAN SERVICES

SITE SECURITY

GROUNDS SERVICES

GLAZING, DOORS & LOCKS