



person 70% ~22m

person 33% ~38m

DETECT REACT PROTECT

Outdoor video verification

Optimised to monitor temporary, unsupported
and remote scenarios

KEY TYPICAL SITUATIONAL MONITORING PROBLEMS/CHALLENGES

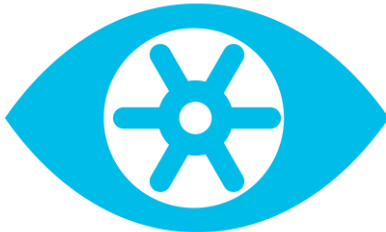
- Remote property locations that need monitoring
- Need to deploy rapidly
- Further properties to be added and to monitor
- Properties vandalised /broken into
- There are NO cabled comms at property locations
- There is NO power at the property locations
- Properties need to be monitored from one central monitoring centre



SOLUTION CORE - DETECTOR



400 days or
up to 50 000 images
battery life.



Artificial intelligence removes
nuisance alarms.



Installation 2 minutes.



Full HD
day/night
image.



Wireless
system



IP67 outdoor
system



Mesh network
means simple
installation.

SOLUTION

1

DETECT

Detector proprietary algorithm detect intruders. Photos instantly sent to control center.



SOLUTION

1

DETECT

Detector proprietary algorithm detect intruders. Photos instantly sent to control center.



ACTUAL VISUAL
ALERT

SOLUTION



Secure Empty Property



Bridge

Bridge relays data to control center. Distance between bridge and the control center is unlimited. 4G, 3G, 2G Bridges are available.

1

DETECT

Detector proprietary algorithm detect intruders. Photos instantly sent to control center.



2

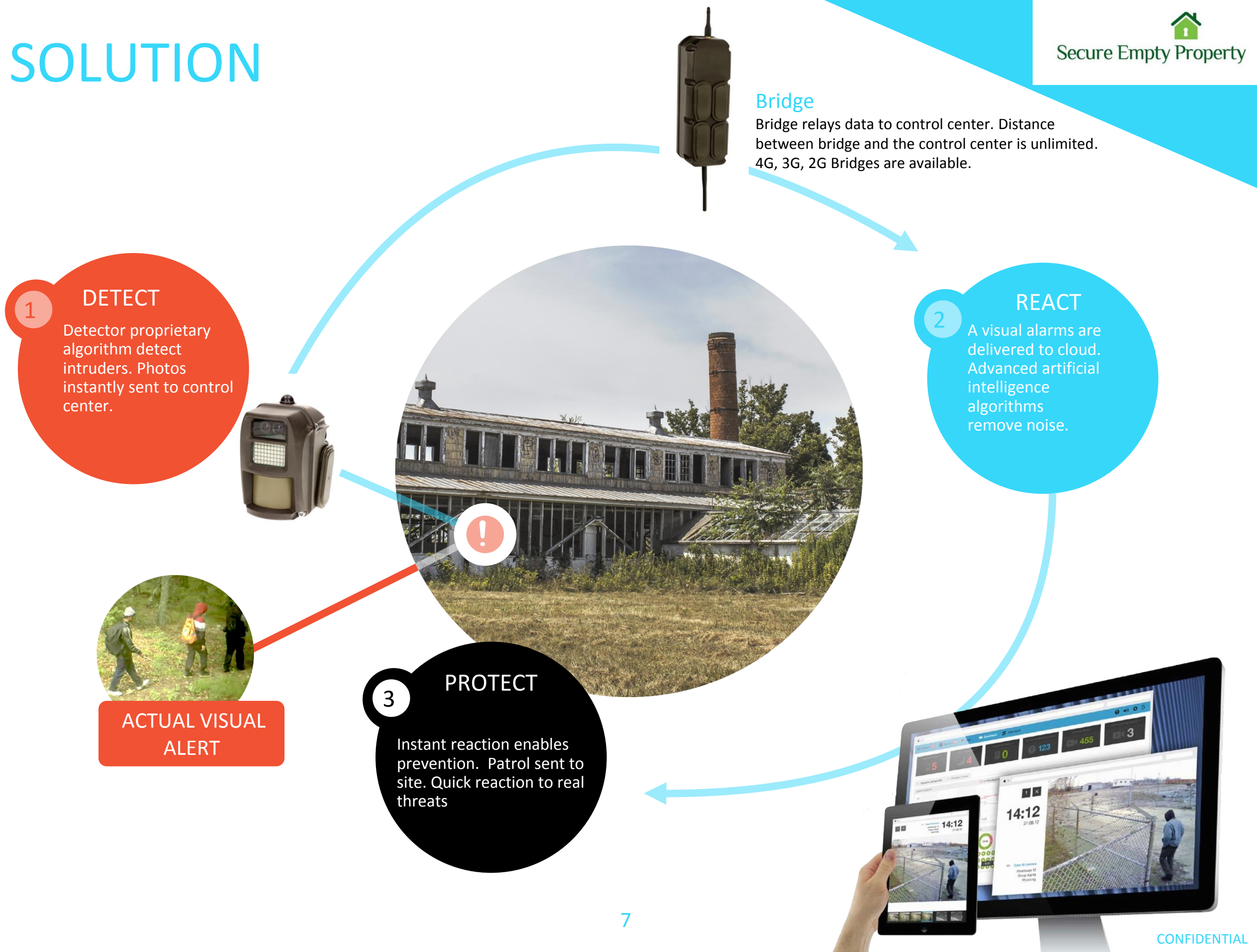
REACT

A visual alarms are delivered to cloud. Advanced artificial intelligence algorithms remove noise.



ACTUAL VISUAL
ALERT

SOLUTION



- Mobile wireless & battery based solution
- Captures Full HD images of vandals and alerts central monitoring point about unusual activity.
- Utilising the GSM network and long battery life and ruggedised format enables the system to constantly monitor their locations WHEREVER they are.
- No need for cabled networking as ALL connectivity is wireless.
- There is no need for electricity as the image capture and communications devices have over 400 days battery life or up to 50 000 images.
- With the cloud based information capture and viewing of properties locally , regionally, nationally, globally from one place.



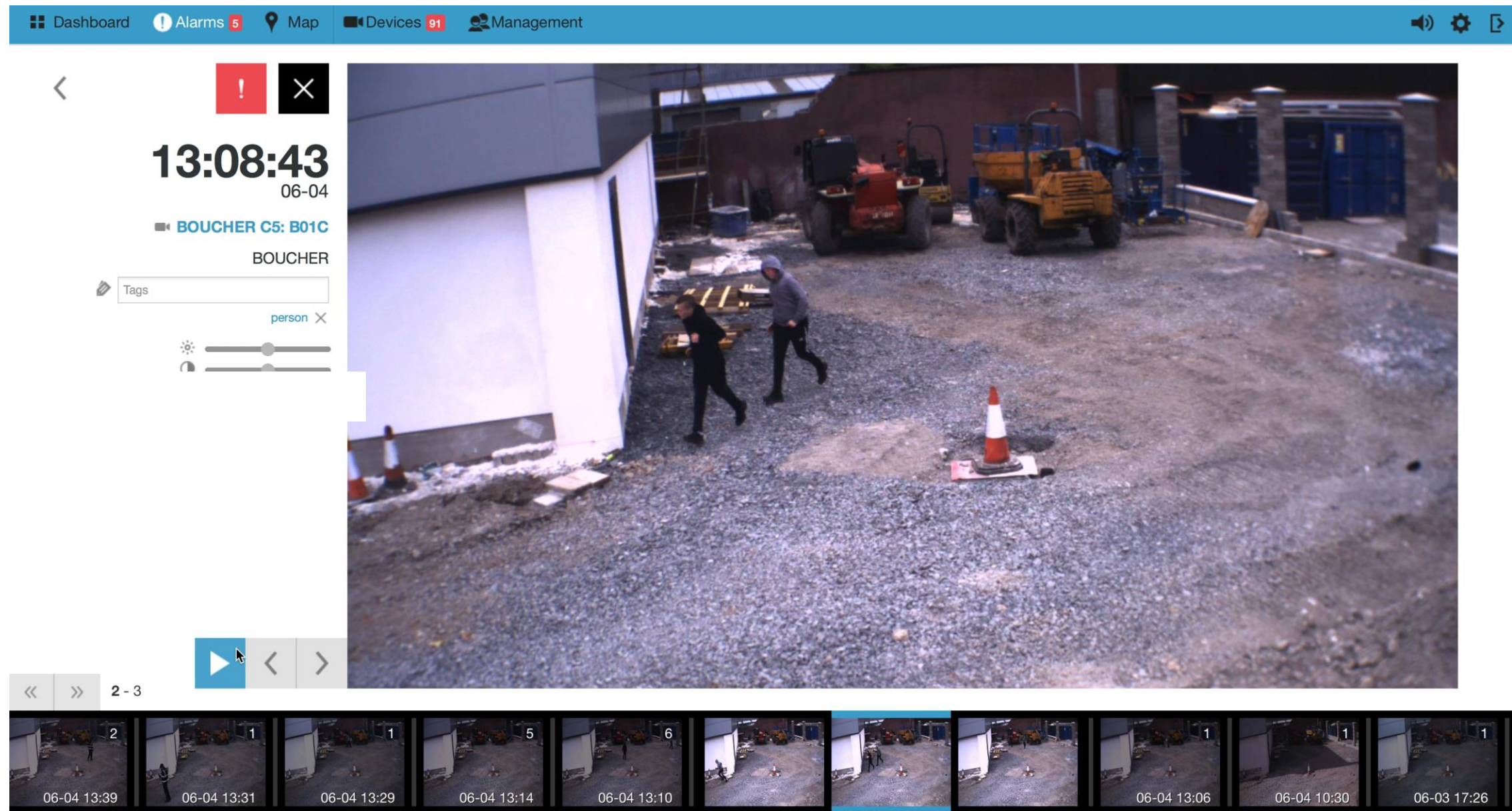
LONGEST BATTERY LIFE

400 days with one
battery





SMART, USING ARTIFICIAL INTELLIGENCE



Technology automatically detects and classifies images on alarm photos using predefined classification categories. The confidence level and distance estimate of each detection is displayed to the operator. Detects intruders and saves operator time and eliminates nuisance alarms. System uses following categories - person, car, truck, bus, motorcycle, bike, dog, horse,

VIDEO LIKE IMAGE CAPTURE IN Full HD

Dashboard

Alarms 1

Map

Devices 10

Management

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×

09:47:03

22/05

Detector 1-1: 80D6

Frontex 1

Add a tag

Show movement detection area ☐

▶

<

>

<<

>>

09:47 - 14 / 14

2

05-24 09:55

8

05-24 07:42

1


05-23 08:24

2

05-23 08:24

3

05-23 01:12



11

CONFIDENTIAL



- DETECTION RANGE: 35 m
- TEMPERATURE RANGE: -45C TO +60C
- BATTERY: 400 DAYS or up to 50,000 images
- IR FLASH (940 nm)
- Full HD semi-motion video (3 FRAME/sec)
- HDR capability to optimise photo exposure
- Resolution
 - Day camera 2048x1536
 - Night camera 1280x960
- Configurable photo resolution
- Capture time 0,5 sec
- INTERNAL MEMORY: 2,000 IMAGES (1 image up to 4MB)
- 2.4 GHz RADIO COMMUNICATION
- 500 m LINE OF SIGHT
- RE-TRANSMISSION (UP TO 8 HOPS)
- BANDWIDTH: 115 kbps
- AES 128 OR 256 BIT KEYS (=RSA 1024 BIT KEYS)