TruckGuard™
Integrated Freight Vehicle Security Systems

Protecting freight vehicles with the UK's first integrated security system

With freight vehicle security becoming even more important these days, security specialists Link Integrated Security Solutions have created an innovative new system for trucks in transit.

Developed in the UK, TruckGuard™ uses bi-directional infra-red detectors to spot anyone approaching the side of the freight vehicle. The system also provides extra security protection with rear cargo door magnetic contacts and internal space detection within the cargo trailer.

How it works.

TruckGuard™ is simply set by pressing a remote fob key which sends a signal to our 24/7 alarm receiving centre, or to your own operations centre. You can then schedule and monitor when vehicle systems are activated, and proactively manage the security of your fleet remotely around the clock.

When triggered, the system works rapidly and a signal is sent directly to the alarm receiving centre. A message is then delivered via our app server alerting the driver that the vehicle has been compromised.

The alert can be sent via SMS or voice messaging, this is especially important if your driver is away from the vehicle taking a break or asleep. Sounders and personal attack alarms can be linked into the system additionally to provide greater protection to your driver and load.

TruckGuard™ can be set up in seconds and uses an ultra-low power consumption, wireless detection technology and no cables. The control panel runs off its own batteries or the truck's power system and can be recharged using the truck's power system while moving.

Features.

Bi-directional curtain side detector

- 2.5 to 5-year battery life
- Bi-directional independent detection zones
- Configurable detection range up to 24 metres
- Digital anti-masking detection
- Back tamper
- 0.3 to 2 m/s detection speed (1' to 6'7"/s)
- Two sensitivity settings: normal: 2°C at 0.6 m/s and extreme high: 1°C at 0.6m/s
- Environmental Protection IP55
- Warm-up period 60 seconds or less. LED will display SET.
- Tamper outputs: open with face cover and removed from alarm circuit
- Operating temperature: -30°C to +60°C
- Relative humidity: 95% max

External trailer door magnetic contacts

- Up to 3-year battery life
- Back and cover tamper

Internal magnetic mount trailer space detector

- Up to 5-year battery life with a single CR123A battery
- Battery-powered passive infra-red detector
- Built-in back tamper
- Digital micro-processor – core platform uses DSP logic
- Intelligent frequency analysis for optimum reliability
- Intelligent temperature adjustment increases the detector's sensitivity in high temperatures

Link Cloud for iOS and Android

Link Cloud is a user friendly app, available on Android and iOS platforms which is designed to make TruckGuard™ quicker and easier to use. Simply sending and receiving SMS commands allows remote management and monitoring of TruckGuard™.

For more info visit:
linkintegrated.com

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- Tamper outputs: open with face cover and removed from alarm circuit
- Operating temperature: -30°C to +60°C
- Relative humidity: 95% max

Internal magnetic mount trailer space detector
- Up to 5-year battery life with a single CR123A battery
- 12x12 metre battery-powered passive infra-red detector
- Built-in back tamper
- Digital micro-processor – core platform uses DSP logic
- Intelligent frequency analysis for optimum reliability
- Intelligent temperature adjustment increases the detector's sensitivity in high temperatures

External trailer door magnetic contacts
- Up to 3-year battery life
- Back and cover tamper

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Environments

- Sleeping
- Taking a break
- Away from vehicle
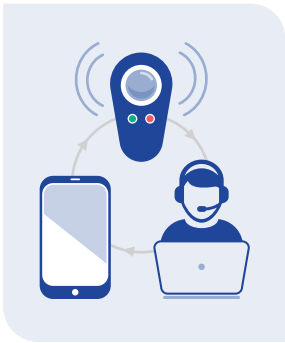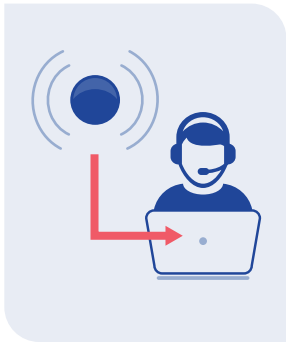- Vehicle parked

Threats

- Gangs
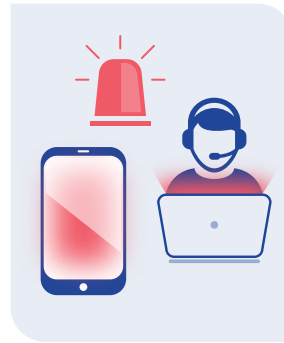- Thieves
- Armed thieves

Procedure

System can be set via the remote fob, app or remotely by the operations centre

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When set, the system will send a signal to yours or our 24/7 operation centre
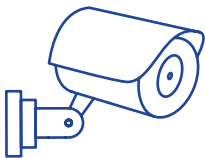
→

If the system is not set at a predetermined time it will alert the operations centre allowing them to check the location of the vehicle and determine if it should be set

→

When the alarm is triggered an alert signal is sent to the app and the operations centre

Future developments

Development of cameras on each side of the vehicle and two way IP audio to deter and warn off intruders

GPS asset tracker to see the where the vehicle is parked and to direct police to the correct location

Self contained, battery operated, security fogging unit that will be mounted inside the trailer

Full Control

SmartLink5 wireless controller

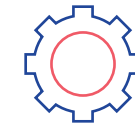- Up to 32 wireless inputs
- x4 — 4 programmable outputs
- Historic alarm reporting
- Remote keyfob with LED status
- 2 way remote control
- Remote management & diagnostics
- Cloud connectivity
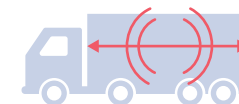- Anti-jamming function

Optional

- Photo capture
- 103 dB polycarbonate sounder with LED strobe light

Sensors

- Bi-directional curtain side detector
- Internal & External trailer door magnetic contacts
- Link cloud for IOS and Android