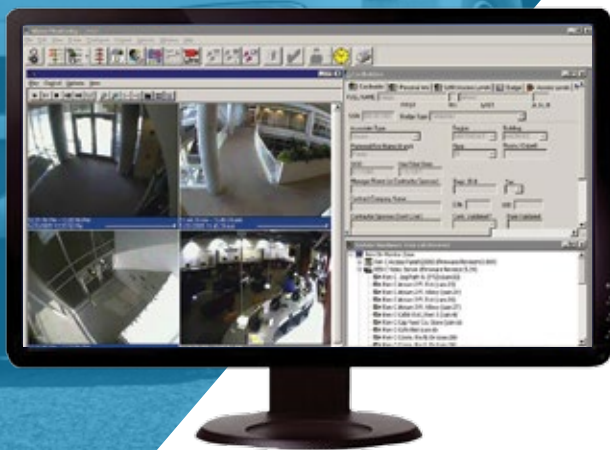




SECURITY IN VEHICLE LOGISTICS

LIVE IMAGES • LOCAL RECORDING • BI DIRECTIONAL AUDIO • GEO FENCING • ASSET PROTECTION & MONITORING
EMPLOYEE SAFETY & MONITORING • VEHICLE PROTECTION • REMOTE SITUATION MANAGEMENT
GPS ANTI JAMMING SOLUTIONS • GPS / GSM JAMMING DETECTION & EARLY WARNING

GLOBAL LEADERS IN INTEGRATED SECURITY & FIRE PROTECTION



75 Million Euros were the reported losses by TAPA in 2014, whilst in the UK there was a 98.8% increase in incident year on year compared to 2013.

TFS Group are experts with a vast experience in logistics security solutions, we can provide dynamic cutting edge solutions for vehicles to ensure the business keeps safe its assets and reputation whilst they are on the move.



The criminals are now not targeting the heavily guarded and secure cash transit vehicles, instead choosing much easier and soft target of goods vehicles which are not secure and where the goods can easily be turned into cash, in many cases the value of the goods can be far more lucrative in the long run.

The impact on the business resulting from losses or damages can be quite large and a vehicle based solution will help management and ultimately save the business monies.



CCTV is increasing in the logistics HUBs and the systems are in place where they can prove that the parcels or goods have been provided to the third party carrier or transportation side of the business, therefore passing over the liability for any losses to the operator of the vehicle, it is expected that this area will be one of high growth and increased insurance claims and therefore premiums.

Vehicle Based Solutions have the following features:

- Live streaming and local recording of video images
- Ruggedised digital video recording and transmission system for mobile applications with 4 or 10 video inputs
- Interface for GPS receiver units for image-synchronous recording and transmission of position, direction and speed
- Long-term recording onto removable hard disk drive with adaptive multi-track management optimised for mobile applications
- Audio recording on integrated hard disk drive
- Manual or event-triggered connection for live video transmission from and to remote monitoring centres
- Display of vehicle position by means of graphic display within cartographic programmes
- Geo-Fencing, alarms on unusual vehicle location & behaviour
- Flexible connection to fleet management systems, e.g. GPRS, UMTS, HSPA used together with HTconnect®



Additional Features

Event-triggered connections by alarm contact, motion detection (depending on type of IP cameras), serial command, technical alarm, and routine call

Longtime recording onto internal 1TB hard disk hard disk with adaptive track management for schedule-controlled permanent and motion recording, or contact-triggered event recording
Live video transmission and simultaneous archive evaluation and recording (Triplex)

Camera position authentication and camera specific alarming of video loss

Integrated e-mail client for alarming up to two email addresses

GPS /GSM Jamming Detection and Early Warning

We can offer additionally RF signal analyser that monitors GSM Radio Frequencies and GPS for unlawful jamming by illegal devices, this can provide local warning to driver that someone is intentionally jamming the frequencies.

GPS Anti Jamming Solutions

We can offer the latest in GPS Anti jamming technology to fully compliment the vehicle based solution, our GPS Anti Jammer mitigates interference by creating nulls in the antenna gain pattern in the direction of jammers, providing significant anti-jam protection even in dynamic multi-jammer scenarios.



TFS Group can provide vehicle based CCTV solutions which can be streamed live via 3g or 4g through to a businesses security operating centre. This information can be extremely helpful to the business in the following areas:

Provide Real Time information from each of the companies vehicles.

Reduce insurance claims in relation to lost or damaged goods.

Reduce losses from vehicles.

Provide real time GPS location.

Provide Proof that goods actually entered the vehicle from the logistics HUB.

Provide Proof of Delivery in an undamaged state.

Provide Drive Security.

Re-assurance to clients that their assets are held in transit with the utmost of security.

TYPICAL APPLICATIONS INCLUDE:

- Logistics Vehicles and Fleet Solutions
- Police Vehicles & First Response Units
- Transport Network Vehicle Solutions
- Armoured Vehicles
- MOD Mobile Solutions



Tailored Fire & Security Group are proud to be members of TAPA (Transport Asset Protection Agency) which gives us access to the latest information in relation to targeted crime in the logistics markets and the requirements / standards for security.

Our clients include:



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