PRODUCT RANGE

Safety and Efficiency System Specialists

- Optafleet
- ACS
- Access Control Systems
- Impact Detector
- Illuminated Vehicle Livery
- Continual Recording Camera Systems
- Driver Aid Camera Systems
- Fleet Aware
- Reversing Aids
- Speed Zoning Systems
- Speed Watch
- Speed Limiter
- Seat Belt Inhibitor
- Safety Lights
- Weight Indicator
- Firetrack
- Idle Limiter
- TXP Transmission Protection
Optafleet

Optafleet is a state of the art Fleet Management System that has been specifically designed to work on materials handling and plant equipment.

Optafleet utilises the latest GPRS/GPS technology and ensures that the fleet manager is able to monitor their fleet in real time. Information such as driver/vehicle behaviour, vehicle locations, damage, critical events and pre-operational checks are all available through the system.

FLEET MANAGEMENT

- Two way messaging between fleet manager and vehicle
- Self-expiring driver keys/cards
- Live instant notifications
- Intelligent 3 axis impact sensor
- Configurable safety check screen
- Real time tracking
- Customised events
- Advanced reporting & analytics
- Cloud interface tool
- Rugged IP67 system

ACS

Automated check system

A cost effective solution to completely replace paper based pre use check lists on any type of materials handling equipment.

A rugged cellular device is mounted to the vehicle allows access control either using a unique PIN code or RFID access card. The visual and physical checklists can be tailored so that the equipment is inoperable until the checklist has been completed and passed by a manager.

- Control access to valuable or dangerous equipment
- Automated driver license control
- Configurable questions
- Regulatory compliance by check enforcement
- User friendly web portal
- Instant email alert and automated reporting
- Easy to install and maintain
- Retrofit to most types of equipment, not only MHE
Access Control Systems

Control unauthorised access to vehicles

This simple stand alone device has dual functionality and can store up to 1000 individual pin codes and can offer access using an RFID swipe cards.

This system will help to improve the security of your site by preventing unauthorised access to your valuable plant and vehicles. It can be installed with a push button start option or as a simple immobilisation system.

- Quick to install and is very cost effective
- Zinc alloy enclosure
- Vandal resistant and weatherproof
- 12-80V DC capability
- Dual relays for multiple device operation
- Secure push button terminal
- IP66 rated

Impact Detector

Control excess damage to valuable equipment

This compact budget entry damage monitoring system detects impacts at various levels then activates an audible and/or visual alarm.

Certified personnel are issued with a unique RF remote control device that can disable the alerts.

- Protects against operator abuse
- Reduces damage bills
- Simple and easy to use
- Encourage safe driver practices
- System can pay for itself very quickly by reducing costly collisions
- Can be fitted to any vehicle or mobile plant
- No complicated reports or software
- Utilises the very latest accelerometer and RF technology
Illuminated Vehicle Livery

Equipment visual warning safety device

The Illuminated Vehicle Livery range greatly enhances the visibility of potentially dangerous equipment and machinery.

Offering the reflective qualities of hi vis panels with the ability to animate, illuminate, flash or pulse sections of the panels. Developed to also increase pedestrian and driver awareness of the presence of moving hazards.

- Cost effective warning device
- Can be fitted / retrofitted
- Robust and durable
- Increase site safety
- Bespoke vehicle designs

Continual Recording Camera Systems

Assist with incident investigation and data capture

Providing footage if needed for workplace incidents and insurance claims FTC have developed an industrial grade MDVR system that offers a robust solution for materials handling, plant and road going vehicles.

The footage is recorded onto a storage drive which is mounted within a secure tamper proof enclosure. The system can accept up to four cameras allowing for multi directional coverage.

- Higher driving standards
- Lower damage costs
- Industrial IP67 rated enclosure
- Optional in cab LCD display to assist driver operation
- Outdoor GPS tracking facility with video evidence
- Internal accelerometer, detects impacts to any part of vehicle
Driver Aid Camera Systems

Increase site safety

Whether fork mounted or standard these systems offer enhanced operator visibility from a standard driving position.

The cameras can be located on the vehicle to focus on the area of sight required. Images are sent to a monitor located within the cab, acting as a driver aid when lifting or moving. Easily fitted to any equipment they greatly reduce unnecessary damage and dangerous loading positions.

- Help to avoid collisions and unnecessary damage
- Increased driver efficiency
- Improved driver ergonomics
- Manoeuvre safely in confined areas
- Wireless and wired camera options

Fleet Aware

Intelligent Proximity Alert System (IPAS)

Utilising ultra wideband (UWB) technology Fleet Aware offers pinpoint accuracy in setting proximity zones around hazardous equipment allowing for the detection of personnel (Unlike RFID based systems).

Fleet Aware can be configured to trigger audible and visual alerts to warn operators within two distinct 360° detection zones of the presence of personnel or vehicles allowing for staged warning and vehicle slowdown.

- Accident and collision prevention system
- Vehicle and pedestrian bilateral detection and alert
- Vehicle to vehicle detection as standard
- Doorway, crossing & walkway alert
- Easy to install
- Increase site hazard awareness
- Vehicle compatibility check required
Reversing Aids
Help manoeuvre vehicles safely

The Fixed Distance system has a close detection zone combined with targeted beam pattern to minimise false warnings.

Available in three pre-set detection areas, split into 5 equal zones and is recommended for open environments such as storage yards. The Programmable Distance option has adjustable zones and four sensors which enables it to detect objects in blind spots - recommended for confined spaces such as warehouses.

- Clear, easy-to-read display
- Adjustable audible alert
- Suitable for both on and off-road applications
- Rugged design for all terrains

Speed Zoning Systems
Automatic Speed Reduction

Offers cost effective speed limiting solutions in high risk areas such as inside a building or around highly pedestrianised areas.

- Line based - multiple pre-defined speed zones can be arranged around the site. When the lines are crossed the equipment will either increase in speed or reduce in speed depending on the direction of travel.
- Internal / External Speed Zoning - applying a reduced speed to MHE as it enters an internal area whilst reverting to the normal speed as the equipment exits the area.
- Speed Zoning Beacon - part of the Fleet Aware pedestrian safety system but can be used in its own right. The beacon is positioned placed in a danger zone and activates a visual and audible alert.
Speed Watch

Driver speed warning device

Speed Watch is inexpensive and warns a driver that the site speed limit has been exceeded by initially activating a red warning light and buzzer on the dashboard.

If the driver does not slow down, within two seconds, a siren sounds and a second warning light switches on. The speed limit is easily and accurately set to any desired speed limit.

- Improve site safety
- Improve driving standards
- Warn pedestrians
- Decrease damage
- Lower fuel expenditure
- Reduce maintenance costs

Speed Limiter

Helps to increase site safety

Fitted to over 1m vehicles worldwide this system stops speeding drivers by limiting the forklift travel speed without affecting the hydraulic lifting power.

With truck installations we can pre-programme the ECU to specific requirements so that the system is automatically set up. We have different types of speed limiters ranging from cable driven accelerator to fly by wire.

- Stop speeding drivers
- Improve driving standards
- Decrease damage
- Lower fuel expenditure
- Reduce maintenance costs
- Adjustable system
Seat Belt Inhibitor

Helps prevent accidents and reduce operator injury

Ensuring forklift operators wear seat belts is crucial to site safety.

This system can immobilise the engine or transmission until the operator connects their seat belt or can activate an audible or visual alarm when the operator fails to comply. Made of high visibility material so it is easy to identify those operators who choose to wear the belt behind their back.

- Ensuring operators adhere to regulations
- Suitable for internal combustion and electric equipment
- Prevent potentially fatal accidents

- Simple to install
- Enforces good driving practices
- Multiple options available

Safety Lights

Visual warning devices

A range developed to enhance site safety and increase pedestrian awareness of the presence of moving hazards.

The range includes multiple solutions offering varied visual warning styles including arcs, spots, arrows, danger zones and long-life LEDs all suitable for any type of vehicle.

- Front and rear LED Strip Lights
- Arc Light
- Danger Zone Light
- Safety Projector Light
- Safety Spot Light
- Safety Arrow Light
Weight Indicator

Designed to be installed on any vehicle

This is a cost effective and robust weight indication system.

The system is accurate to within 2% of the load lifted and can easily be installed to a wide range of vehicles. Via an in cab mounted display the system indicates to the driver the weight of the load being lifted.

- Easy to install
- Robust
- Printer option available

Firetrack

Direct release fire suppression system

Firetrack is simple to fit, has a wide range of applications and can be adapted to suit most types of industrial equipment.

It’s a self-activating system that does not rely on electronics, moving parts or external monitors. It is versatile allowing for different areas to be covered by the same unit. Firetrack uses trace tubing to detect the fire and deliver the suppression media to the heart of the fire.

- Ideal for remote or unmanned applications
- Quick Response System
- Fights fires where they start

- Simple to fit
- Bespoke solutions available
Idle Limiter

Increase fuel efficiency

An automatic cut off device designed for internal combustion engine forklifts.

The microprocessor based control system is designed to save you money on excess fuel expenditure. It’s also a very important Health & Safety device as it will turn off vehicles automatically that have been left running when unattended.

- Protect against excessive engine wear
- Improve site safety
- Save money on fuel
- Reduce engine hours
- Reduce hire costs

TXP Transmission Protection

2 systems to reduce damage spend

The TXP system is designed for internal combustion engine forklifts with an electrically selectable fluid transmission.

The system will stop operators from changing gears whilst the engine revs are too high or the road speed is too fast. These features allow the gearbox and drive train to remain totally passive when a direction change is made thus protecting the forklift from potential wheel spin and potential drive train failure.

- Total transmission protection
- Save up to 300% in tyre wear per annum
- Put an end to fast take offs
- Decrease damage spend
- Make operators drive safer