



FleetConnected

What is *FleetConnected*?

FleetConnected is a web-based platform that oversees and displays real-time information from your trailers. It enables interaction with drivers and visualisation of their activities. *FleetConnected* also offers historical views and reporting. The platform can be easily integrated into other software and reporting tools, which guarantees further processing of your fleet data.



Web-based back
office suite



Real-time and historical
fleet data



Information exchange
between office and road



Integration
with other software

Why use *FleetConnected*?

The platform, *FleetConnected*, provides customers with an intuitive, user-friendly interface offering real-time visibility of their assets, analytical tools and generally helps optimise efforts to manage their fleet effectively. Functionality at the platform ranges from simple ‘track and trace’ with geo-fencing capability to on-screen performance-related alerts.



Exception-based fleet management



Fleet data in one user friendly interface



Communication hub



Strong reporting capabilities



Extensive personalisation

How to use *FleetConnected*?

By integrating *FleetConnected* with vehicle peripherals (e.g. temperature sensors) and connecting it with other office software, the platform ensures consistent management of your fleet.

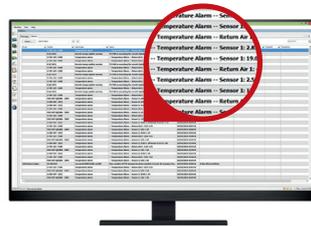
TRACK & TRACE ON MAP

Real-time status & positions, traffic information, points-of-interest, geofencing, route management ...



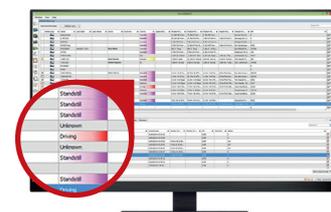
ALERTS

Real-time alerts on speed, geofences, duration of activities ...



VEHICLE FOLLOW-UP

Real-time follow-up of positions, activities, ETA, next destination, truck-trailer combinations, temperatures ...



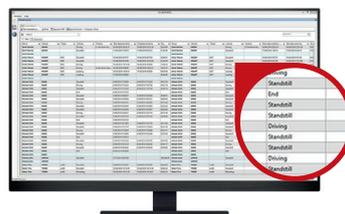
4-LEVEL PLANNING

Real-time follow-up of trips, places, products & jobs (e.g. deliveries, number of pallets)



REPORTING

Activities, service times, consumption, re-fuelling, distances, temperatures, costs, border crossing, pallets...



ACTIVITY & REFUELLING MANAGEMENT

Improves the efficiency of drivers' activities by managing re-fuelling. Rules can be agreed on the maximum re-fuelling time or quantity to avoid additional expenses.



FleetConnected-Mobile

With *FleetConnected-Mobile* you have all the benefits of *FleetConnected* on any mobile device. This way you can stay up-to-date with your fleet at any given moment.



FleetBeat

What is *FleetBeat*?

Designed to capture a maximum of data on trailers with limited electronics, such as curtainsiders or box-vans, *FleetBeat* is a robust trailer telematics solution that supplies real-time location and rich EBS-data to your *FleetConnected* back-office software platform. Building up on data collected from the trailer EBS system, it also provides insights on the technical performance and health state of your fleet.



Trailer telematics



Location
EBS Data



Integrated truck and
trailer view

Why use *FleetBeat*?

FleetBeat puts your trailer use first! Real-time access to operational data in *FleetConnected* helps you make smart decisions to manage and improve the daily utilisation of your trailers. If you're looking to optimise trailer maintenance and uptime, you can rely on *FleetBeat* to provide the information to do so.



Real-time visibility



Increase uptime



Optimise maintenance
planning



Improve safety

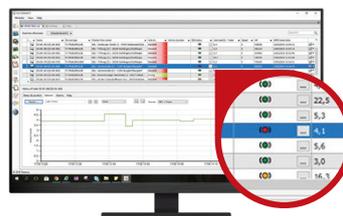
How to use *FleetBeat*?

After the installation of the *FleetBeat* telematics device and the back-office set-up, the hardware unit starts communicating operational data in real-time with *FleetConnected*.

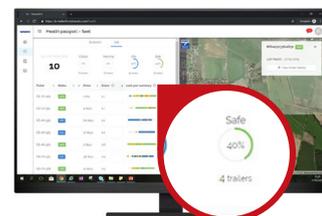
POSITION, STATUS, GEOFENCING,
HISTORICAL ROUTES IN TIP INSIGHT
FLEETCONNECTED



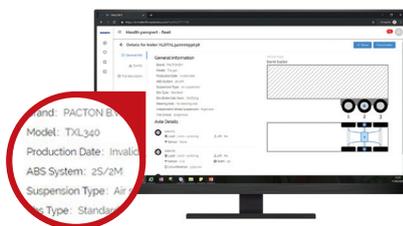
TRAILER EBS MONITORING
IN TIP INSIGHT FLEETCONNECTED



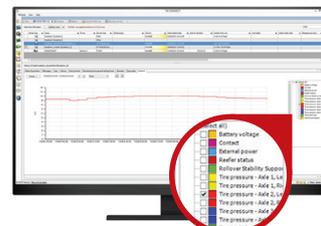
TRAILER HEALTH SPECIFIC
INFORMATION IN TRAILER PORTAL



DETAILED INFORMATION ABOUT A
SPECIFIC TRAILER



TYRE PRESSURE MONITORING
(TYREPLUS)





FleetBeat-Cooler

What is *FleetBeat-Cooler*?

Designed to maximise connectivity on higher-end trailer types such as reefers or for when higher security is required, *FleetBeat-Cooler* is a robust trailer telematics solution that optimises trailer management. Besides track & trace, it also features EBS data, remote reefer management, connection to data logger and other trailer systems and peripherals like door sensors or tyre-pressure monitoring systems. A rechargeable and long-lasting battery ensures uninterrupted data availability.



Trailer telematics



Location
EBS Data
Reefer / Logger / Peripherals



Integrated truck and
trailer view

Why use *FleetBeat-Cooler*?

FleetBeat-Cooler pushes the boundaries of trailer telematics. It helps you optimise security for your cargo and trailers and improve general safety standards on the road. Maximum connectivity ensures operational transparency and simplifies trailer fleet management in virtually every situation.



Reduce costs (penalties, breakdown, maintenance) and maximise ROI



Optimise trailer safety, utilisation and management



Effectively schedule maintenance



Reduce ecological footprint



Improve driving style

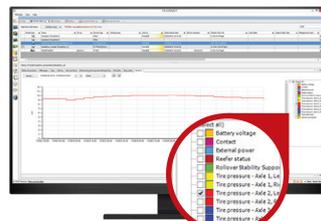
How to use *FleetBeat-Cooler*?

FleetBeat-Cooler is usually installed close to the trailer EBS under the chassis. After installation and the back-office set-up, the hardware unit starts communicating in real-time with *FleetConnected*. As from that moment, fleet management can monitor and manage your trailers more efficiently.

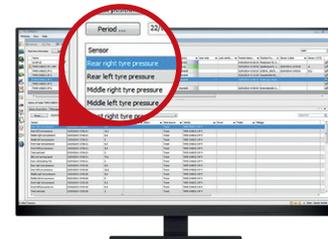
POSITION, STATUS, GEOFENCING, HISTORICAL ROUTES IN FLEETCONNECTED



TYRE PRESSURE MONITORING (TYREPLUS)



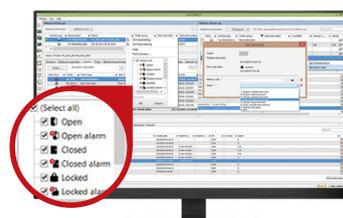
TRAILER EBS MONITORING IN FLEETCONNECTED



TEMPERATURE MANAGEMENT



DOOR SENSOR CONTROL (DOORPLUS INTEGRATION)





TyrePlus

What is TyrePlus?

TyrePlus is the next generation tyre pressure monitoring solution for trailers, that is specifically designed to reduce fleet running costs and improve vehicle safety. Outside of tyre pressure monitoring, *TyrePlus* also provides temperature data to enhance early leakage detection, supporting improved vehicle maintenance and uptime. Thanks to *TyrePlus*, fleet managers will have the capacity to receive status reports on tyres through *FleetConnected*, including an early warning in case of anomalies.



Reduce downtime



Extend tyre life



Enhance fuel efficiency



Improve maintenance predictability

Why use *TyrePlus*?

TyrePlus has been designed to maintain tyre pressure at the recommended level and detect slow punctures early, maximising tyre life and allowing tyres to be repaired rather than be replaced. Incorrectly set tyre pressure can also lead to sudden tyre failure and cause unnecessary downtime.



Reduce breakdowns and downtimes



Cut fuel costs



Minimise CO² emissions



Enhance fleet safety

How to use *TyrePlus*?

TyrePlus is designed to work with all types of trailer. The solution continuously receives updated tyre pressure information from internally mounted sensors and these are communicated to your dashboard.

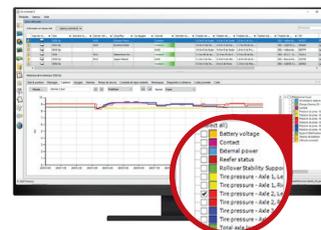
Rim-mounted, *TyrePlus* sensors provide a continuous correlation between tyre temperature and pressure to improve reliability.

TyrePlus delivers continuous updates on tyre pressure and temperature from each monitored wheel to the back office, enabling fleet managers to easily follow up on tyre performance. When a tyre needs to be controlled or replaced, *TyrePlus* delivers the data directly to fleet depots, allowing them to schedule maintenance as and when required.

TYRE PRESSURE ALARM



TYRE PRESSURE MONITORING





DoorPlus

What is *DoorPlus*?

DoorPlus is a magnetic door contact that detects whether the trailer door is open or closed. The advanced door contact system sends an “open/closed” value via a wired connection to *FleetBeat-Cooler*. *FleetBeat-Cooler* can be coupled with up to 10 sensors. The status of the doors is shown through *FleetConnected*. The solution visualises door status changes both in real-time and in a historical overview chart.



High security



Real-time security status in
the back office

Why use *DoorPlus*?

DoorPlus provides more than just a method of securing a door, it also provides a record of guardianship, for example by preventing temperature changes due to the unauthorised opening of refrigerated trailers. In the modern world, *DoorPlus* provides the peace of mind a simple padlock cannot provide.



Helps prevent theft & exchange of goods & transport of unregistered goods



Reduces the risk for drivers to be mistakenly held responsible for fraud or theft



Helps prevent interruption of cooling chain

How to use *DoorPlus*?

The door contact is built on two key parts: the switch and the magnet. The advanced switch technology is securely mounted onto the floor or ceiling of the trailer while the door magnet is mounted on the trailer door itself.

When the magnet is brought near the switch and the door closed, the system is activated and a signal is picked up by the telematics device.

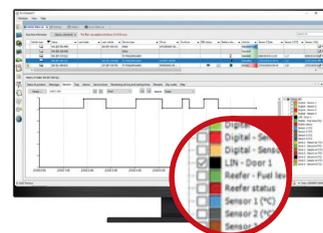
The magnet is pulled away from the switch when the door is opened, the system changes mode and a real-time signal picked up by a telematics device.

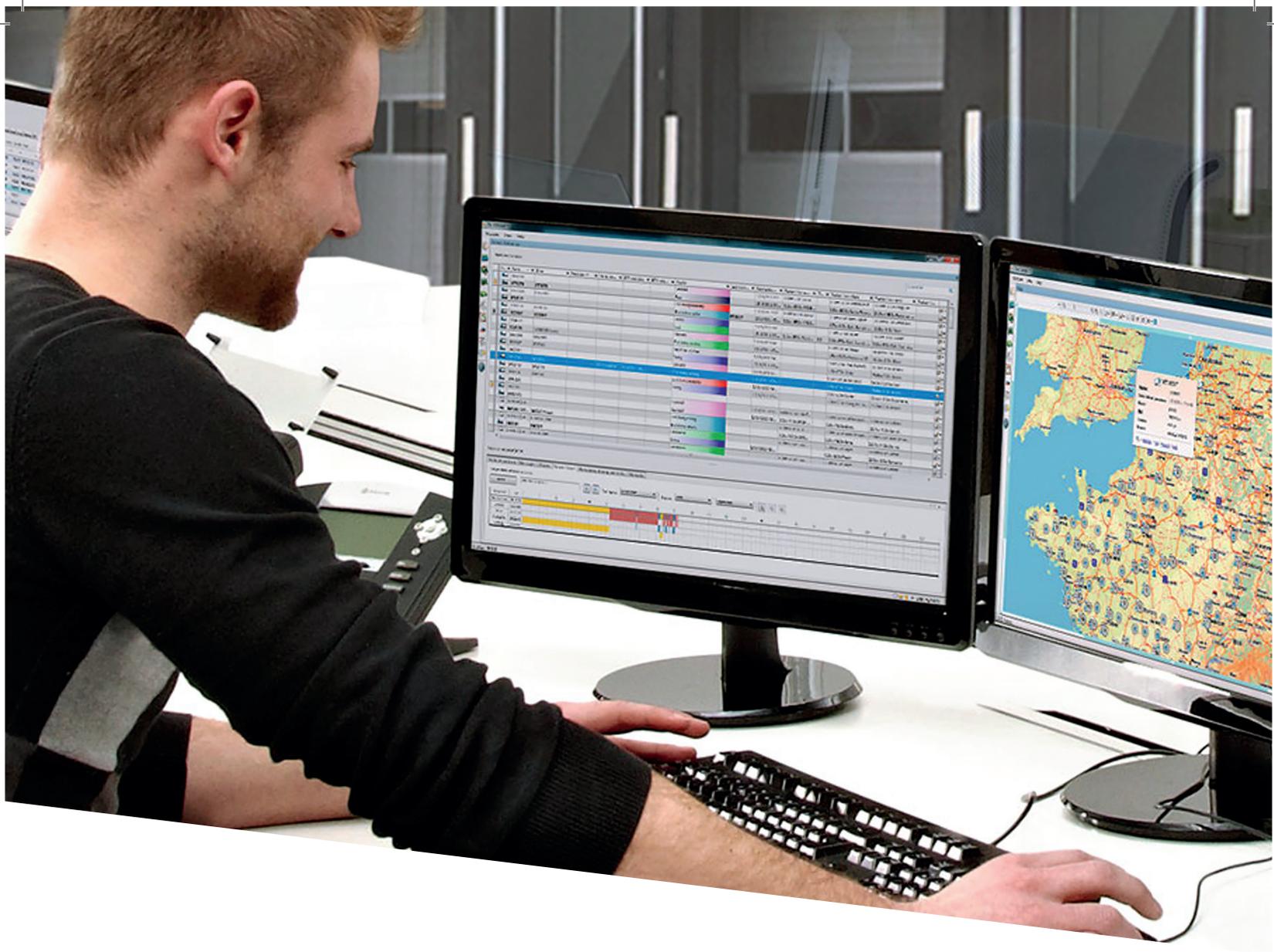
A magnetic door contact senses when a cargo door is opened or closed and sends a corresponding message to *FleetBeat-Cooler*. In *FleetConnected*, the door status changes are visualised in real-time and a historical overview chart.

DOOR SENSOR STATUS: LIST VIEW



DOOR SENSOR STATUS: CHART VIEW





DataBridge

What is *DataBridge*?

DataBridge is TIP's API, which delivers quick integration capabilities between TIP's solution and the other back-office applications you rely on.



Open enterprise solution



Integration of familiar
back-office tools



Safe data management



Reduced software
interfacing efforts

Why use *DataBridge*?

Boost productivity by seamlessly linking all familiar transport enterprise applications to the fleet management solution, avoiding double data entry and inconsistencies.



Automated information
synchronisation



Avoid double data entry
and mistakes



Reduced labour cost

How to use *DataBridge*?

DataBridge unites all software application data into intelligent building blocks. The technology allows your software partners to swiftly collect all relevant information from the central database, without needing profound technical knowledge. As a result, your personnel can work in their familiar applications, which interact directly with the telematics solution.

