

- fleet tracking
- vehicle control
- operational efficiency

MONITOR YOUR FOOD TRANSPORT WITH A TELEMATICS SYSTEM

The distribution of frozen food is regulated and as part of HACCP and quality audits (IFS), it is necessary to maintain temperature records. An EN approved device can print a record of the transit temperatures to supplement delivery documentation, however, this will always be historic.

Better still is the ability to receive and evaluate temperature data during transit. So you can identify any problems, such as temperature excursions and immediately take corrective action. Ensuring your cargo remains in perfect condition and your customers happy.

idem telematics (part of the BPW Group) offers a perfect solution. cargofleet food is a telematics system which monitors your shipments and sends you real-time data for evaluation during transit. By sending alerts, it will notify you immediately of any issues arising so that you can decide on the most appropriate and timely action to protect your shipments.

This system is extremely versatile and can work with an existing temperature recorder to access this data or independently, by using its own integral temperature sensors. It can also interface to the refrigeration system to obtain more detailed information such as:

- Setpoint (temperature selected on fridge control panel)
- Monitoring of refrigeration equipment alarms (operational)
- Defrost cycle (understanding brief rises in temperature)
- Supply and return air temperature
- Operating mode (constant or start-stop)

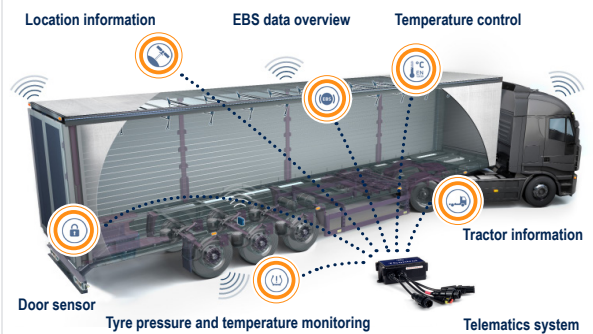
Naturally everything is analysed in a validated software program, which not only ensures the accuracy of the data but also provides comprehensive evaluation and reporting capabilities.

SOLUTIONS

- Clear temperature overviews and alarms.
- Clear overviews of driving routes and times.
- Arrival time prognostics and departure time alerts.
- No roaming costs, fixed monthly fees.
- Billing solutions for OEM business.

BENEFITS

- Improve HACCP and IFS procedures, supports US21 part 11 and GDP.
- Improve customer satisfaction.
- Improve utilisation and decrease transport costs.



Recording temperature profiles. Data storage up to 18 months. Available in accordance with EN 12830 certification, see TRecorder option. Interface/connection to refrigeration unit/temperature recorder. Extended features for refrigeration system data/communication, see options TDisplay and TCommunications.



GPS positioning. GMS/GPRS international data communication. Geofence alarms.



Real-time monitoring of EBS data/alerts. EBS - data collection.

OPTIONS/ACCESSORIES

- TRecorder - EN 12830 certified temperature recorder.
- TProtector - pneumatic module for locking/unlocking.
- TCommunication - 2-way communication with refrigeration unit.
- TDisplay - fuel level information.
- Coded door contact sensors.
- Interfaces with the following systems:



WABCO



Haldex



FRIGOLOCK

Euroscan

Carrier

MITSUBISHI HEAVY INDUSTRIES, LTD.

CARGOFLEET FOOD

FEATURES	SOLUTIONS	BENEFITS
Temperature, cooler-based alarms.	Critical temperatures: operating hours, error code inspection.	Improves your quality control. Prognostics and diagnostics of repairs needed on a cooler.
Fuel level of refrigeration unit. (TDisplay option)	Displays fuel level status on trailer and online. Low fuel alarms.	Prevent cooler failure due to empty tank.
2-way communication. (TCommunication option)	Online management of refrigeration unit. Setpoint and operation mode adjustments online. Clear alarms.	Lower the risk with unaccompanied coolers on a ferry or decrease dependence on a driver.
Flexible alarm settings management.	Set up alarms depending on users, vehicle, positions and value.	Customised alarm settings to only receive alarms that concern you, enabling management by exception.
EBS-based alarms.	Coupling status. Status of brake system. ABS/VDC (Vehicle Dynamic Control). Overload. TPMS.	Identify the misuse of your equipment in real-time. Prognostics and diagnostics of needed repairs.
Cargo door security system. (TProtector option)	Remote control of door locking/unlocking.	You decide when and who is allowed to enter your cargo area.
Door/Coupling sensor status.	Clear overviews of when and where door was opened/closed and trailer was coupled/uncoupled.	Real-time information of unauthorised entrance or coupling of the trailer.
Load information.	Indicates axle load on the axles.	Control loading/unloading events in place and weight.
Tyre pressure monitoring.	Alarm in case of pressure loss; indication of low pressures.	Improves safety, lifetime of the tyre and fuel saving.
POIs/geo-fences.	Possibility to upload own POIs, e.g. service centres, warehouses, customers etc.	Easy way to find available trailers near to your POI.
Flexible Administration + user accounts management.	Users and vehicles can be grouped and linked to different user rights and options.	Customised solutions for every type of user. You receive only the information that you need for your business - no more, no less.

For further details contact us today

www.bpw.co.uk/telematics

