

INTELLIGENT TRAILER SOLUTIONS

CONNECTING ALL ROAD TRANSPORT



BENEFITS

Increase transparency, efficiency and safety through digitalisation of transport and logistics

Visibility

- Overview of your transport operation, for improved utilisation and efficiency.
- Usage data and trailer location for easy dispatching and service planning.

Cost Reduction

- Avoidance of unscheduled downtimes.
- Error codes for planning repairs with the maintenance calendar and ensuring parts availability.

Alarming

- Comprehensive alarm function to pro-actively alert relevant personnel.
- Exception reporting of specific data or events.

Efficiency

- Comprehensive operational data, such as location, status, trips, downtimes and availability.
- GPS location, load, refrigeration unit fuel tank level and tyre status etc. for ease of job planning.

Quality

- Comprehensive vehicle, freight and temperature data.
- Operational service quality through route tracking, temperature reporting and loading/unloading.
- Proof of the cold chain.

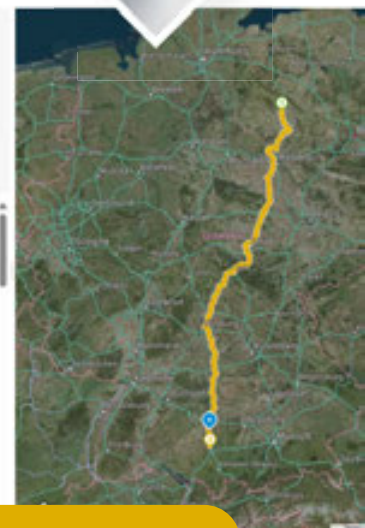
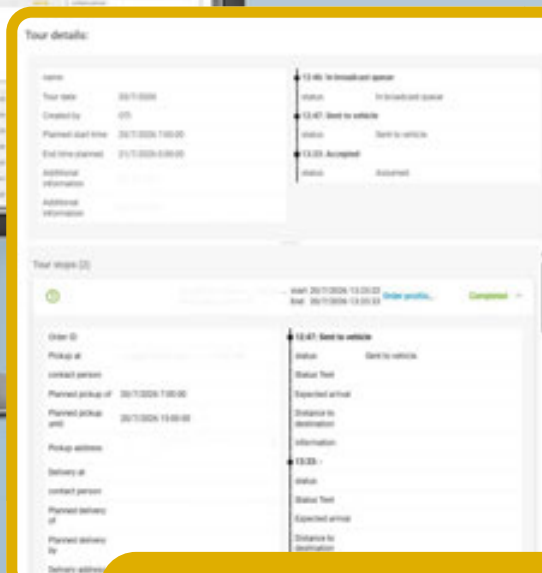
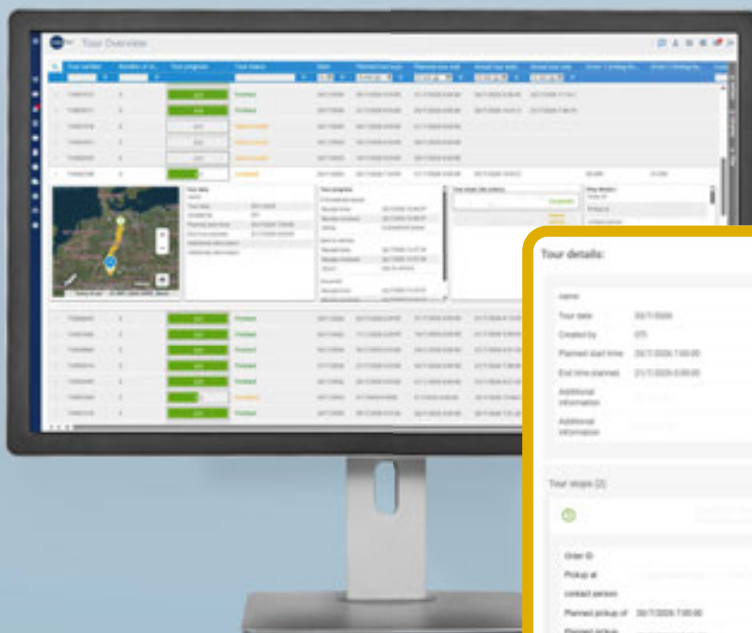
Security

- Prevention of cargo contamination or cargo theft.
- Detection of unauthorised access.

With our **all-in-one portal cargofleet 3**, you can always monitor your fleet.

- Overview of each individual trailer's location and status
- Full history report of trailer's movements
- Activity reports and temperature graphs
- Trailer's technical information
- Alerts with email and SMS notifications
- Comprehensive reports in PDF or XLS format
- Management of points of interest and geofences
- Vehicle and user administration
- TourMonitor for tour-based alarm configuration and data forwarding incl. reporting and tracking page
- Maintenance calendar for planning workshop visits
- cargofleet assistant: answers questions about the fleet or individual vehicles based on the available data

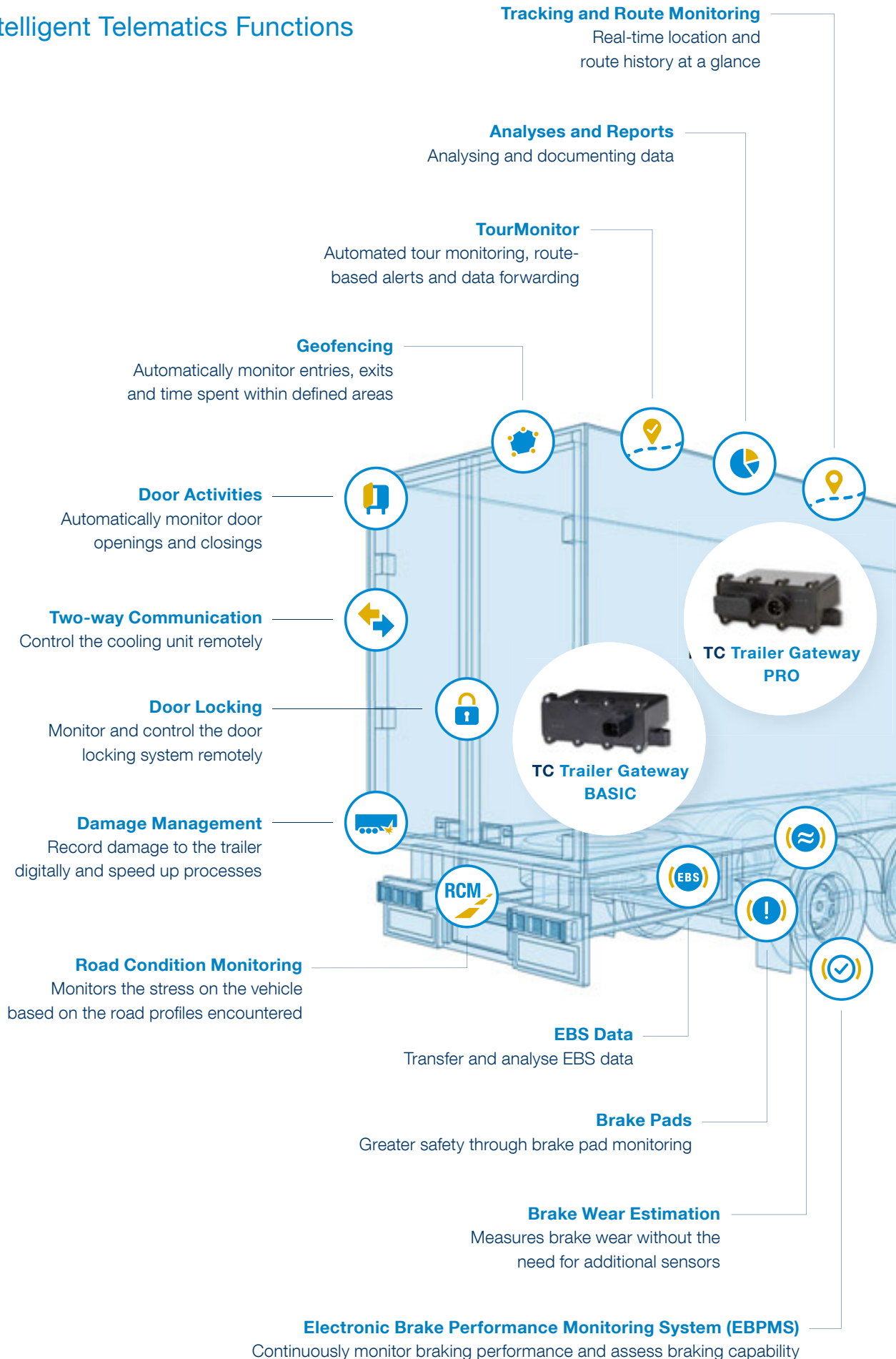
With AI
more efficient
+ based on your
fleet data



Accurate maps from HERE Technologies

SOLUTIONS

New Intelligent Telematics Functions



**EFFICIENCY
COOLER DATA
ROAD SAFETY
MAINTENANCE
SECURITY**

GDP Certificate

Optimised for pharmaceutical transport

Temperature Monitoring

Provide reliable evidence of unbroken cold chains. Trigger automatic alerts in the event of temperature deviations

EN12830

Temperature logger function in accordance with EN12830, including data transmission and storage, as well as a print function



Alarm Management

Detect critical events at an early stage

App Connect

Installation and configuration via the app; temperature logger readings can be accessed via the app

Maintenance and Diagnostic Data

Transferring and analysing maintenance and diagnosis data

Cooling Unit Fuel Level

Monitor the fuel level and detect fuel theft

Coupling Status

Keep an overview of truck and trailer combinations at all times

Maintenance Calendar

Plan and monitor maintenance intervals; optimise time spent in the workshop

AirSave

Tyre pressure monitoring system at a glance

Anomaly Detection

Detect hot/cold runners at an early stage and prevent breakdowns

Tyre Pressure Monitoring System (TPMS)

Keep an overview of tyre pressure and temperature at all times





internet of
transport

Our telematics connects various transport components on one integration platform. Through open interfaces to partners, a continuous information chain without loss of data. Your data is securely stored and archived.

OUR TELEMATICS
SOLUTION IS THE HEART OF
YOUR TRANSPORT PROCESS

TRAILER-TELEMATICS

TC Trailer Gateway Family – Our telematics units for tracking trailers and semi-trailers.



TC Trailer Gateway BASIC

Integrated

EBSData TireMonitor

Features with the Version BASIC

-  Satellite Positioning
-  Track & Trace
-  Geofencing
-  TourMonitor
-  Truck & Trailer Coupling
-  Stock-Management
-  Maintenance
-  Battery Heating
-  Alarming
-  Reporting
-  EBS Data
-  Tyre Pressure
-  Brake Pad Wear (EBS)
-  EBPMS
-  Data Transfer via BLE
-  Service App



TC Trailer Gateway PRO

Integrated

TempMonitor/Recorder

Additional Features with the Version PRO

-  DoorMonitoring
-  DoorLock
-  TempMonitoring
-  TempRecording EN12830
-  GDP Certified
-  Reefer fuel level
-  2-Way-Communication
-  Print temperature via BLE
-  Digital Input
-  Digital Output
-  Damage Management

HARDWARE

Telematics devices and displays for all vehicle types

TRUCK

TC Track OBD 4G



TC Truck BASIC 4G

integrated K-Line Adapter

Accessories:
FMS Adapter

for ① ③ ④ ⑥



TC Truck COOL 4G

integrated K-Line Adapter

Integrated TempMonitor

Accessories:
FMS Adapter
TC Trailer Gateway PRO

for ① ③ ④ ⑥



TC Truck COOL TR 4G

integrated K-Line Adapter

Integrated TempRecorder

Accessories:
FMS Adapter
TC Trailer Gateway PRO

for ① ③ ④ ⑥



DISPLAYS + FREIGHT

TC Display V3



Bluetooth Sensor

Requirement:
TC Trailer Gateway
BASIC or PRO



1-wire Sensor

Requirement:
TC Trailer Gateway
BASIC or PRO



Bluetooth Printer

Requirement:
TC Trailer Gateway PRO,
cargofleet Connect App or
cargofleet Driver App SL



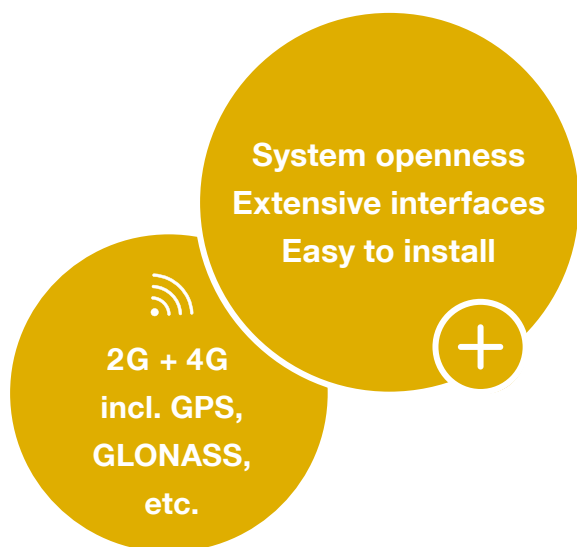
THIRD-PARTY DEVICES

- | | | | |
|---|--|--|--|
| <p>① Speedometer
Continental/VDO,
Stoneridge
Intellic/EFAS</p> | <p>② EBS
WABCO,
Haldex,
Knorr</p> | <p>③ Refrigerator
Thermoking, Carrier,
Frigoblock*,
Mitsubishi*</p> | <p>④ Temperature recorder
Euroscan, Transcan,
Touch Print, DataCOLD</p> |
|---|--|--|--|

* only in connection with TC Trailer Gateway PRO

Bluetooth + 433 MHz

Start-up and configuration
Garage service
Driver communication
Door contacts and tire pressure
Print temperature via BLE
Truck identification



⑤ **Telematics devices**

Schmitz Cargobull,
Krone Telematics,
Thermoking, Fleetboard,
Transics/Wabco, etc.

⑥ **Tablets/Smartphones**

APPS



cargofleet 3 **Web Portal**

Comprehensive telematics
portal for all idem devices as
well as third-party telematics



cargofleet Driver App S+SL **Stand alone**

S: Truck-trailer data
SL: Logistics processes,
work flows, temperatures,
alarms and technical data



cargofleet Service App

Installation
Diagnosis



cargofleet Connect App

Print temperature report on site



cargofleet TyreChange App

Configuring tyre pressure sensors



cargofleet Driver Check App

Central driving licence check

FEATURES

Telematics functions for
freight, driver and vehicles



Choose from an extensive range of functions: Track and Trace, Temperature Management, Order Management and Communication, and Driver Management.

Data analysis and many useful additional functions relating to your transports create security and transparency across all phases of your transport process.

Always
monitoring the
fleet with smart
questions

track + trace satellite positioning geofencing



temperature monitoring



temperature recorder



GDP certified installation



tyre monitoring



AirSave



brake pad monitoring (EBS)



EBPMS



brake wear estimation



maintenance and diagnostics



maintenance calendar



FMS data



OBD data



EBS data



tank level of the cooling unit



anomaly detection



order processing



TourMonitor



tour-based data forwarding



loading/unloading control



messaging



ETA calculation

goods identification



driver status



truck navigation



documentation of damages



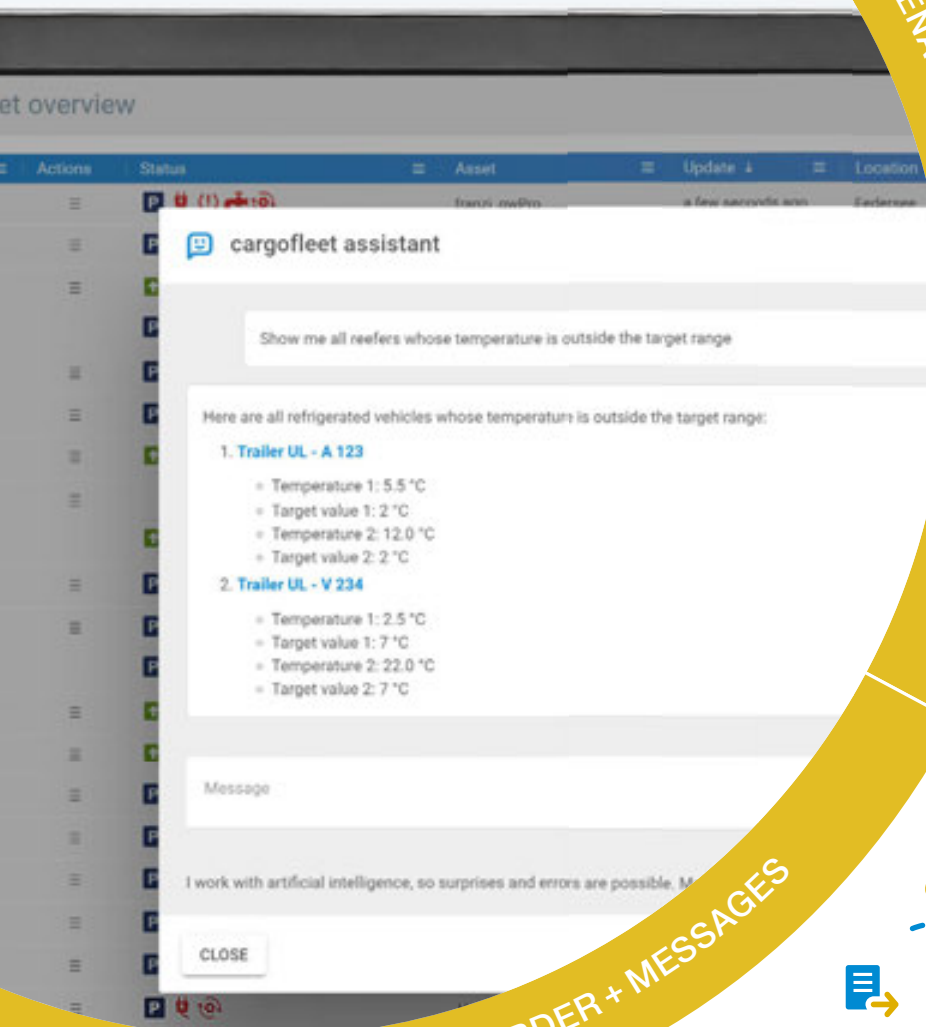
ORDER + MESSAGES

MAINTENANCE + DIAGNOSTICS

TEMPERATURE

TRACK + TRACE

KI Chatbot 
cargofleet assistant



AI based on your fleet data



About idem telematics GmbH – connecting all road transport

As Europe's leading brand-independent telematics partner, idem telematics supports freight forwarders, fleet operators and shippers in continuously optimising their core business using data – thereby sustainably increasing profitability, customer satisfaction and competitiveness.

At the same time, idem telematics is a strong and independent partner for vehicle manufacturers, supporting them with modular telematics solutions.

Our solutions can be easily integrated into your existing systems. They are manufacturer- and fleet-agnostic and suitable for businesses of all sizes and business models. Our process consultants will be happy to assist you – even on-site!

Our range of services includes a wide variety of hardware and cargofleet3, Europe's leading all-in-one telematics platform for trucks, trailers, freight and logistics. The intelligent networking of freight, drivers and vehicles creates a holistic system that ensures maximum transparency and increases efficiency throughout the entire logistics chain.

Our customers value our strong customer focus and high flexibility in meeting individual requirements, based on over 25 years of experience in telematics, transport and logistics.

idem telematics is a subsidiary of the BPW Group.