

SMART SOLUTIONS FOR TRUCKS

CONNECTING ALL ROAD TRANSPORT



BENEFITS

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

Fleet overview

- Overview of your vehicle fleet for better utilisation and efficiency.
- Usage data and vehicle location for easy dispatching and service planning.

Alarming

- Comprehensive alarm functions for proactive alerting of the responsible employee.
- Notifications in the event of unusual incidents.

Efficiency

- Comprehensive operational data, such as location, status, trips, downtimes and availability.
- Tacho data and driver data are automatically transferred and stored, and can also be evaluated and archived.

Cost Reduction

- Avoidance of unscheduled downtimes.
- Digital order processing and ECO evaluations save money.

Quality

- Comprehensive vehicle, freight and temperature data.
- Operational service quality through route tracking, temperature reports and loading/unloading control.

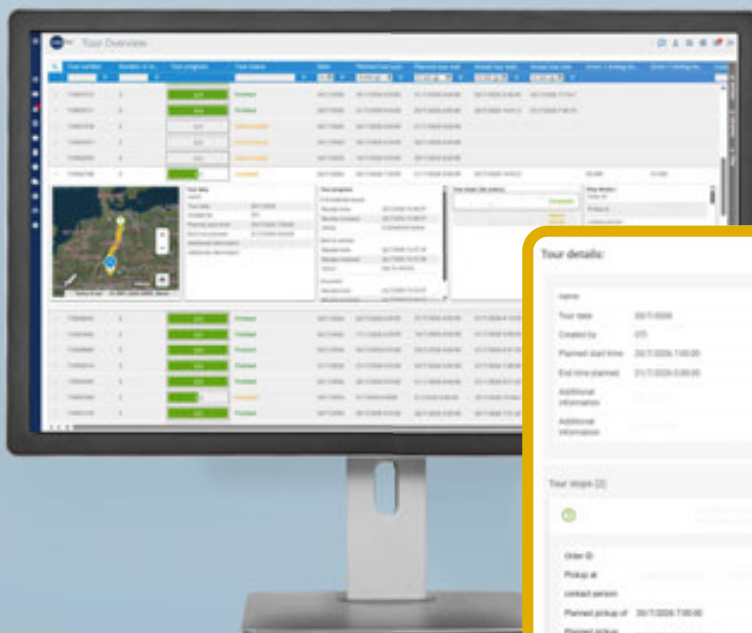
Security

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

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

- Overview of each individual truck's location and status
- Full history report of truck's movements
- Activity reports and temperature graphs
- Truck'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



Tour details:

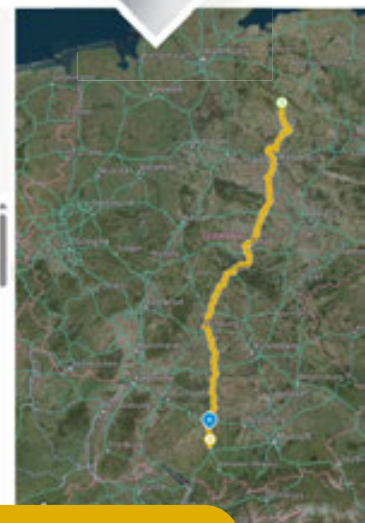
name
Tour date: 2017-02-04
Created by: 075
Planned start time: 2017-02-04 10:00:00
End time planned: 2017-02-04 18:00:00
Additional information
Additional information

13.45: In breakdown garage
status: In breakdown garage
13.47: Sent to vehicle
status: Sent to vehicle
13.55: Accepted
status: Accepted

Tour stops (2):

Order ID
Pickup at:
contact person
Planned pickup of: 2017-02-04 10:00:00
Planned pickup of: 2017-02-04 18:00:00
Pickup address
Delivery at:
contact person
Planned delivery of:
Planned delivery of:
Delivery address

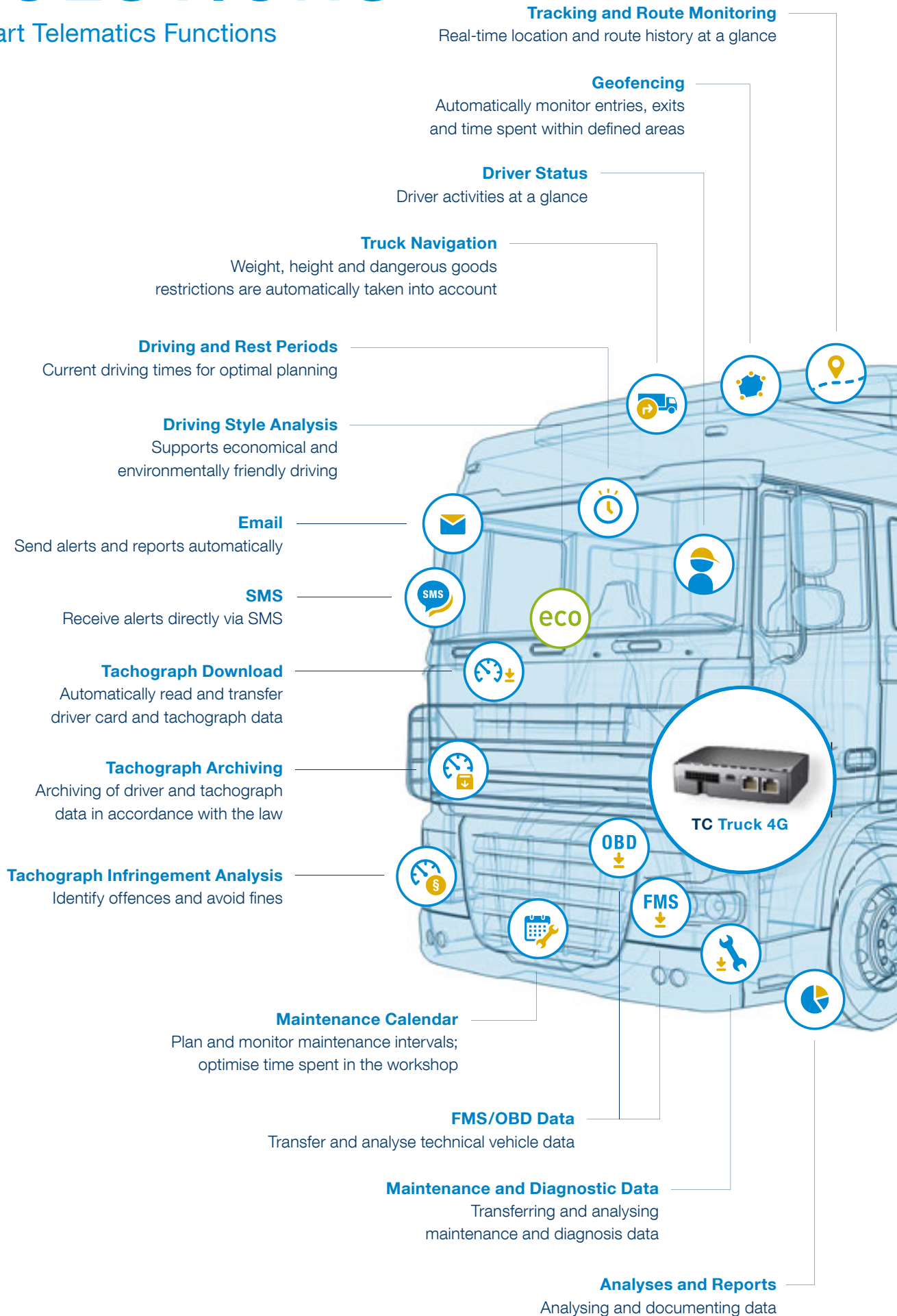
13.47: Sent to vehicle
status: Sent to vehicle
Status Text
Expected arrival
Distance to destination
information
13.55:
status
Status Text
Expected arrival
Distance to destination
information



Accurate maps from HERE Technologies

SOLUTIONS

Smart Telematics Functions



EFFICIENCY
FLEET OVERVIEW
DRIVING TIMES
REST TIMES
SAFETY

Order Processing

Send orders digitally and track delivery progress

Messaging

Communication between the driver and head office

TourMonitor

Automated tour monitoring, route-based alerts and data forwarding

ETA Calculation

Calculate arrival times automatically and identify delays at an early stage

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*

Door Activities

Automatically monitor door openings and closings

Alarm Management

Detect critical events at an early stage

Loading and Unloading Control

Automatically check shipments and avoid loading errors

Goods Identification

Automatic identification of goods in transit

Damage Documentation

Record and document damage digitally

Coupling Status

Keep an overview of truck and trailer combinations at all times



*only in connection with TC Trailer Gateway PRO

TRUCK-TELEMATICS

Devices and Displays



TC Truck 4G/COOL 4G

Integrated

K-Line Adapter

Features with the Version 4G

-  Satellite Positioning
-  Track & Trace
-  Geofencing
-  TourMonitor
-  Truck & Trailer Coupling
-  FMS Data
-  Maintenance / Diagnostics
-  Temperature Monitoring*
-  Alarm Messages
-  Reporting
-  Driver Status
-  Driving Times and Rest Periods
-  Tachograph Download
-  Tachograph Archiving
-  Tachograph Violation Analysis
-  Driving Style Analysis
-  ETA Calculation
-  Door Monitoring



TC Truck COOL TR 4G

Requirement

TC Trailer Gateway PRO

Additional Features with the Version Cool TR 4G

-  Temperature Recorder EN12830
-  GDP Certified Installation
-  Tank Level of the Cooling Unit
-  2-Way-Communication
-  Door Lock
-  BLE Sensors
-  Digital Input
-  Digital Output



TC Track OBD 4G

Focus

Track + Trace

Features with the new Version 4G



Satellite Positioning



Track & Trace



Geofencing



TourMonitor



Truck & Trailer Coupling



Alarm Messages



Reporting



OBD Data



Door Monitoring



TC Display V3

Integrated

Logistics functions

Mobile Device Features for drivers



Satellite Positioning



Track & Trace



Geofencing



Tour/Route Monitoring



Truck & Trailer Coupling



Truck Navigation



Order Processing



Messaging



ETA Calculation



Goods Identification



Loading/Unloading Control



Documentation of Damages



Driver's Licence Check

ONLINE
MONITORING
OF ALL DATA

*only in connection with TC Truck COOL 4G

HARDWARE

Telematics devices and displays for all vehicle types

TRAILER

TC Trailer Gateway BASIC

Integrated TempMonitor

Accessories:
Sensor tire pressure/temperature tool free
Temperature sensor
Door contact switch
Beacon for truck identification



for ② ⑥

 + 433 MHz

TC Trailer Gateway PRO

Integrated TempMonitor/Recorder TireMonitor

Accessories:
Sensor tire pressure/temperature tool free
Temperature sensor
Door contact switch
Beacon for truck identification



for ② ③ ④ ⑥

FREIHGT

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

① Speedometer

Continental/VDO,
Stoneridge
Intellic/EFAS

② EBS

WABCO,
Haldex,
Knorr

③ Refrigerator

Thermoking, Carrier,
Frigoblock*,
Mitsubishi*

④ Temperature recorder

Euroscan, Transcan,
Touch Print, DataCOLD

* 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

System openness
Extensive interfaces
Easy to install


2G + 4G
incl. GPS,
GLONASS,
etc.



⑤ **Telematics devices** ⑥ **Tablets/Smartphones**

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

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

The diagram illustrates the four main functions of the KI Chatbot, arranged in a circle around a central screenshot of the chatbot interface.

- TRACK+TRACE** (Icon: Location pin)
- TEMPERATURE** (Icon: Thermometer)
- MAINTENANCE + DIAGNOSTICS** (Icon: Wrench and gear)
- ORDER + MESSAGES** (Icon: Speech bubble)

The central screenshot shows the chatbot interface with the following content:

cargofleet assistant

Show me all reefers whose temperature is outside the target range

Here are all refrigerated vehicles whose temperature is outside the target range:

- Trailer UL - A 123**
 - Temperature 1: 5.5 °C
 - Target value 1: 2 °C
 - Temperature 2: 12.0 °C
 - Target value 2: 2 °C
- Trailer UL - V 234**
 - Temperature 1: 2.5 °C
 - Target value 1: 7 °C
 - Temperature 2: 22.0 °C
 - Target value 2: 7 °C

Message

I work with artificial intelligence, so surprises and errors are possible. M

CLOSE



FMS
↓

OBD
↓



15 8 44 0 1 22



AI based on your fleet data

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.