

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 data or 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

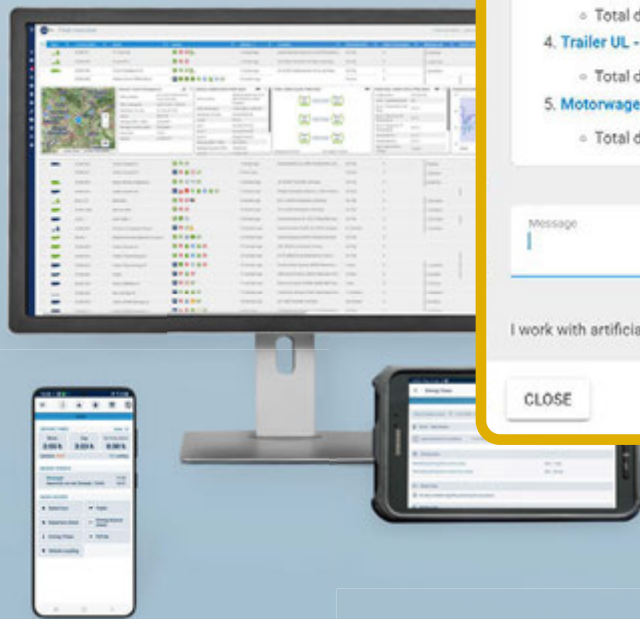
- Prevention of cargo contamination or cargo theft.
- Detection of unauthorised entry.

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

NEW with AI

With AI more efficient + based on your fleet data

- 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
- Setting up 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



cargofleet assistant

List all vehicles and their duration of door opening on August 7th

Here are the vehicles and their total duration of door opening on August 7th, 2024:

1. **Trailer UL - A 123**
◦ Total duration: 42 minutes
2. **Trailer UL - V 234**
◦ Total duration: 4 hours, 5 minutes
3. **Trailer UL - H 271**
◦ Total duration: 1 hour, 50 minutes
4. **Trailer UL - U 089**
◦ Total duration: 15 minutes
5. **Motorwagen UL - H 273**
◦ Total duration: 3 hours, 55 minutes

Message

I work with artificial intelligence, so surprises and errors are possible. Make sure to verify important data.

CLOSE

SOLUTIONS

Smart Telematics Functions

Track and trace makes it easy, to find out where your vehicles are, how they move and where they stay.

With **geofencing** you specify an area and then have it monitored to see if vehicles enter it, leave it, and/or how long they stay in it.

The display of the current **driver status** allows you to see at any time whether a driver is currently driving, taking a break or working.

With our **truck navigation**, your vehicles will be safe and on time when they are on the road. All weight restrictions, hazardous goods bans and bridge heights are taken into account based on the vehicle profile.

The display of **driving times and rest periods** allows you to keep tabs on your driver's remaining driving time.

The **driving style analysis** provides an insight into your drivers' manner of driving. As well as this, the Eco Assistant helps your driver to drive in a more economical and environmentally friendly way.

You can have alarm notifications or reports automatically sent by **e-mail**.

You can also choose to receive alarm notifications via **SMS**.

With **tacho download** you can automate the remote read-out of the mass data from the digital tachographs and digital tachograph and driver card.

The **tachograph archiving** takes over the legally required archiving and backup of the data of the digital tachograph.

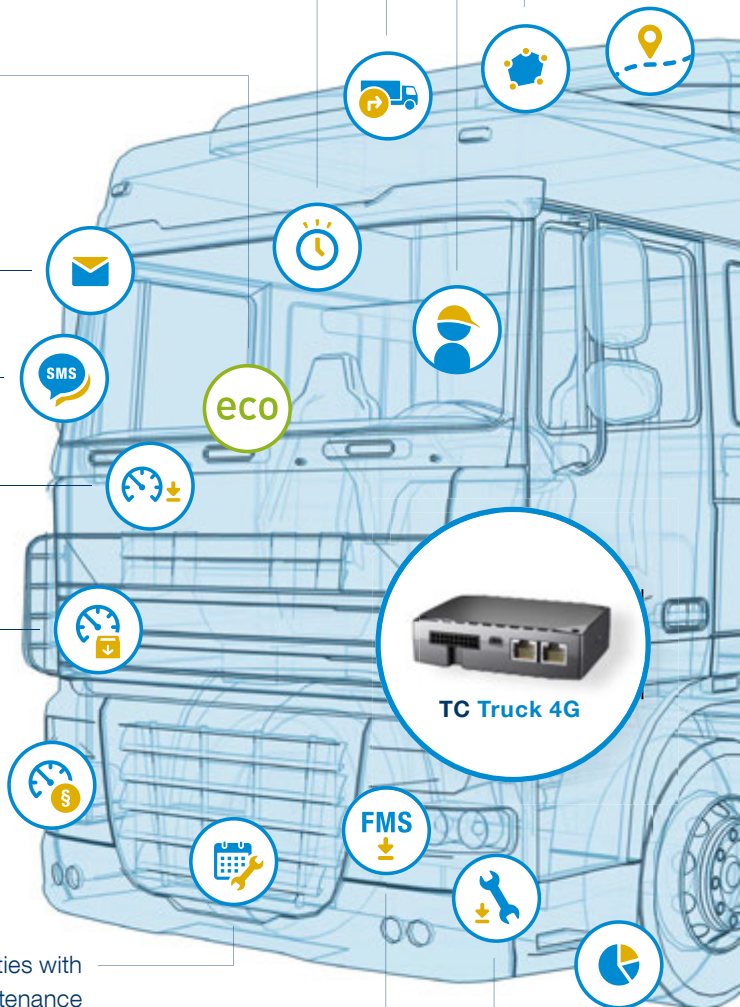
The **tachograph violation analysis** checks compliance with legal regulations and possible violations with regard to driving/resting and working times and helps to avoid expensive fines.

The **maintenance calendar** combines telematics functionalities with maintenance planning and specifically assigns and monitors maintenance cycles for vehicles. These can be created individually or adopted from the manufacturer and are based on time, kilometres or operating hours

Avail of the vehicle-manufacturer-approved **FMS data** on the fleet management portal to analyse economically relevant vehicle data (transferred via FMS interface).

Maintenance and diagnostics data can be automatically read out, thus allowing you to optimise workshop and availability planning.

Detailed **evaluations and reports** can be created ad hoc, time-controlled or event-based. These reports support you analysis and optimisation of your processes.



EFFICIENCY
FLEET OVERVIEW
DRIVING TIMES
REST TIMES
SAFETY

With digital **order processing**, your drivers receive current tours and orders on a mobile device. Order statuses are set automatically, while proofs of delivery, as well as the progress of journeys can be viewed at any time.

The **messaging** function enables fast and uncomplicated communication between the driver and the headquarters.

The **TourMonitor** enables automatic alarm configurations, ETA calculations as well as automated data forwarding and reports.

Through the continuous **ETA calculation**, expected arrival times for tours and tostops are regularly updated, so that customers can be informed and/or further tours can be rescheduled accordingly if necessary.

To verify **temperature monitoring** and a gapless cold chain you can avail of the data from the cooling unit or the temperature recorder. All temperature information is always available for you online and you can choose to be conveniently notified via alarm in case of deviations.

Temperature monitoring **certified according to EN12830** also makes it possible to save on a classic temperature recorder. This function is performed by the telematics. All certified temperatures are signed transmitted and stored. Via an app in the vehicle the temperature data can be read out and printed out if required.*

The permanent **monitoring of door activities** increases the security of the freight against unauthorised access. The opening and closing of the door is automatically transmitted to the headquarters together with the position, temperature and time stamp.

A comprehensive **alarm management** promptly informs you of any deviations from your limit values. For example, this allows undesired temperature deviations to be swiftly remedied, while you will also be automatically informed in case of the unauthorised opening of doors.

During the loading process, all goods are scanned and automatically checked against the cargo list. Thanks to this **loading and unloading control**, any goods which do not belong to the consignment immediately become apparent. When goods are being delivered, they are automatically checked against the unloading list for the delivery stop in question.

Goods identification enables the automatic identification of particular goods or load carriers in the vehicle. This permanently prevents loading errors.

The **documentation of damage** simplifies the proof in case of a case. Damages are verified photographically. Any subsequent delivery, if necessary, is then fast-tracked.

On the cargofleet 3 portal you can check the **coupling status** of all of your vehicles at a glance to see which truck is coupled with which trailer.



*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 FMS Data
-  Maintenance /Diagnostics
-  Temperature Monitoring*
-  Alarm Messages
-  Reporting
-  Driver Status
-  Driving Times and Rest Periods
-  Tachograph Download
-  Tachograph Archiving
-  Tachograph Violation Analysis
-  Digitale Seal
-  eco 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 GDP Certified Installation
-  Tank Level of the Cooling Unit
-  2-Way-Communication
-  Door Lock
-  BLE Sensors
-  Digital Input
-  Digital Output



TC Truck XS 4G

Focus Track + Trace

Features with the new Version 4G














-  Satellite Positioning
-  Track & Trace
-  Geofencing
-  TourMonitor
-  Truck & Trailer Coupling
-  Alarm Messages
-  Reporting
-  Digitale Seal
-  Door Monitoring



TC Display V2

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 |
|---|--|--|---|

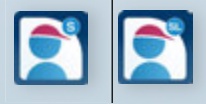
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APPS



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



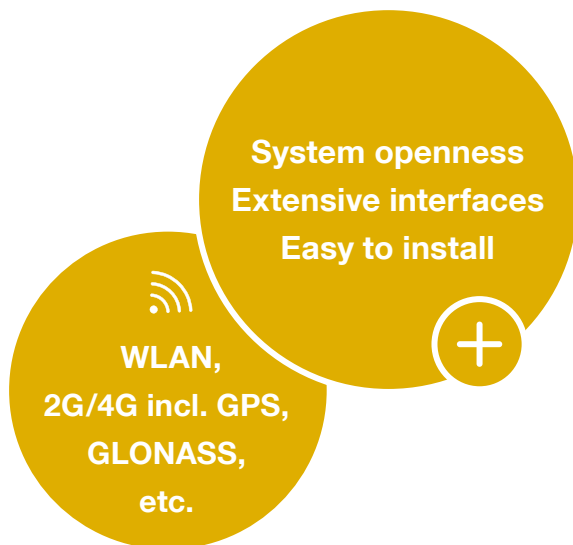
cargofleet Connect

Print temperature report on site

 Available for Android™

Bluetooth + 433 MHz

Start-up and configuration
Garage service
Driver communication
Door contacts and tire pressure
TempRecording via BLE
Truck identification
Brake Pad Wear
EBS and EBPMS
AirSave Tyre Pressure Control System
Battery Heating
Digital Input + Output



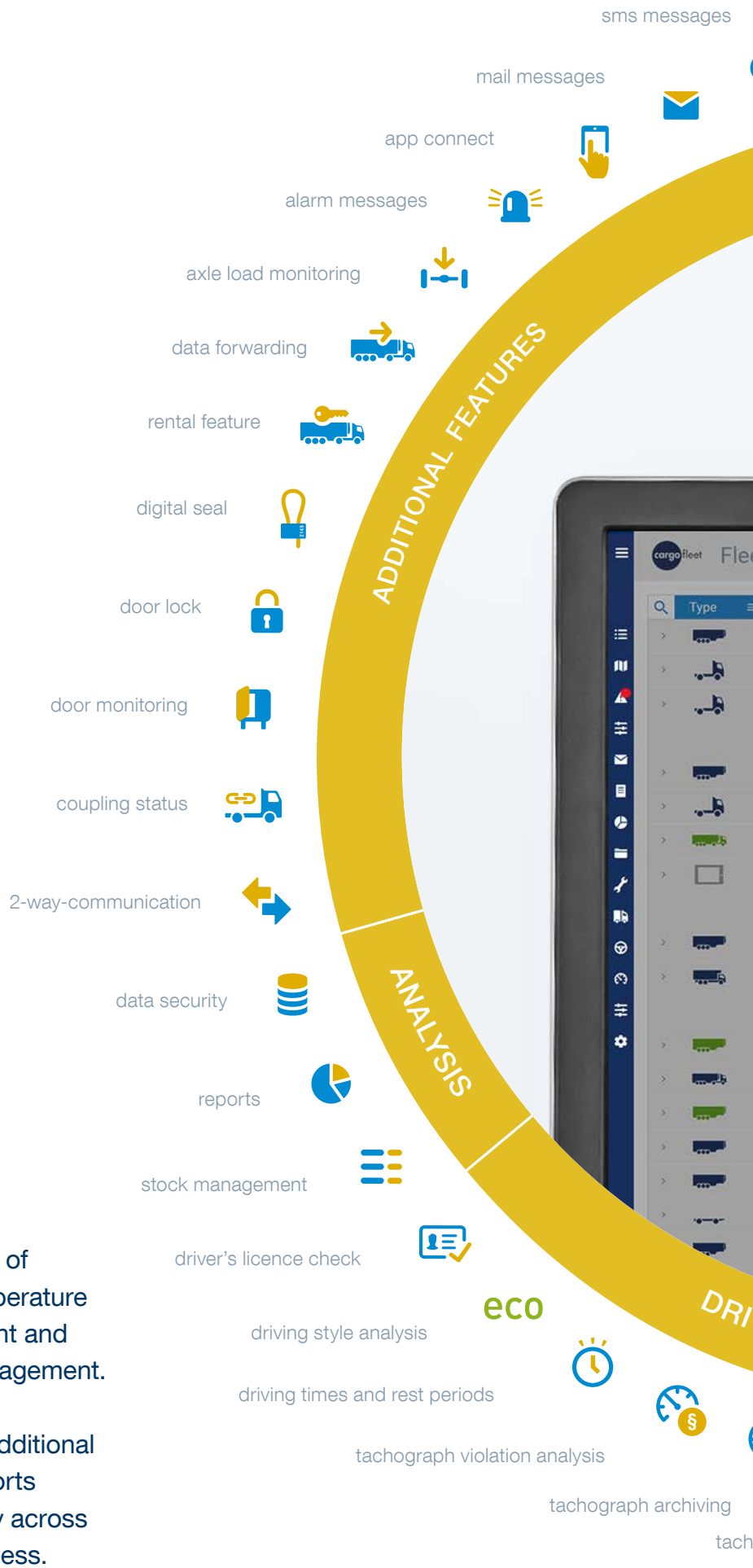
5 Telematics devices

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

6 Tablets/Smartphones

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



maintenance and diagnostics



maintenance calendar



FMS data



tank level of the cooling unit



EBS data



order processing



TourMonitor



tour-based data forwarding



loading/unloading control



messaging



ETA calculation

goods identification

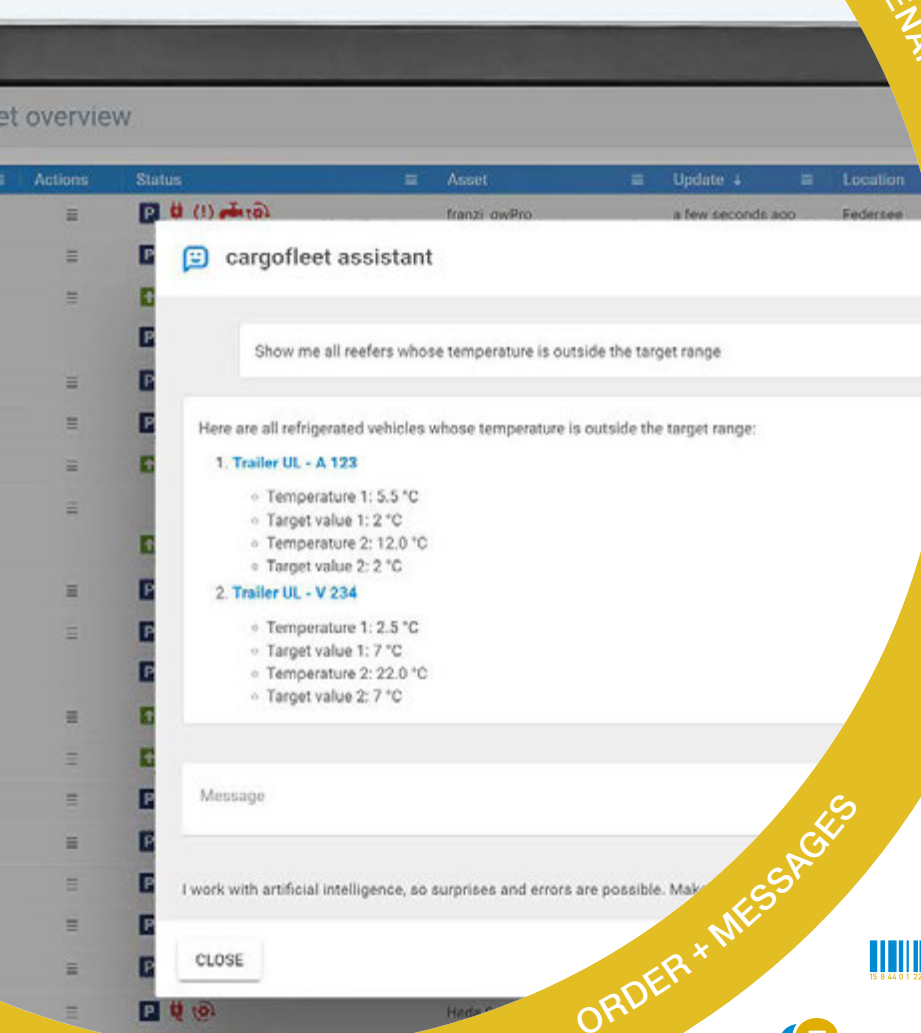
documentation of damages

download

driver status

truck navigation

NEW with AI cargofleet assistant



MAINTENANCE + DIAGNOSTICS

ORDER + MESSAGES

AI based on your fleet data



idem telematics – connecting all road transport: As Europe’s leading telematics partner, idem telematics supports forwarding agents, shippers and fleet operators in continuously improving their core business by means of data, thereby increasing their profitability, customer satisfaction and competitiveness.

Europe’s market-leading, all-in-one cargofleet telematics platform for trucks, trailers, freight and logistics consolidates and summarises the data

sets of vehicles, drivers and freight. idem telematics provides a complete system for increasing the transparency and profitability of the entire logistics process. The benefits: unique customer proximity and flexibility for individual telematics requirements based on 25 years of telematics, transport and logistics expertise. idem telematics is a subsidiary of the BPW Group and employs around 75 staff at its locations in Munich and Ulm.

www.idemtelematics.com