TrailerConnect® – the Next Level in Trailer Telematics

For Efficient and Optimised Digital Transport Management
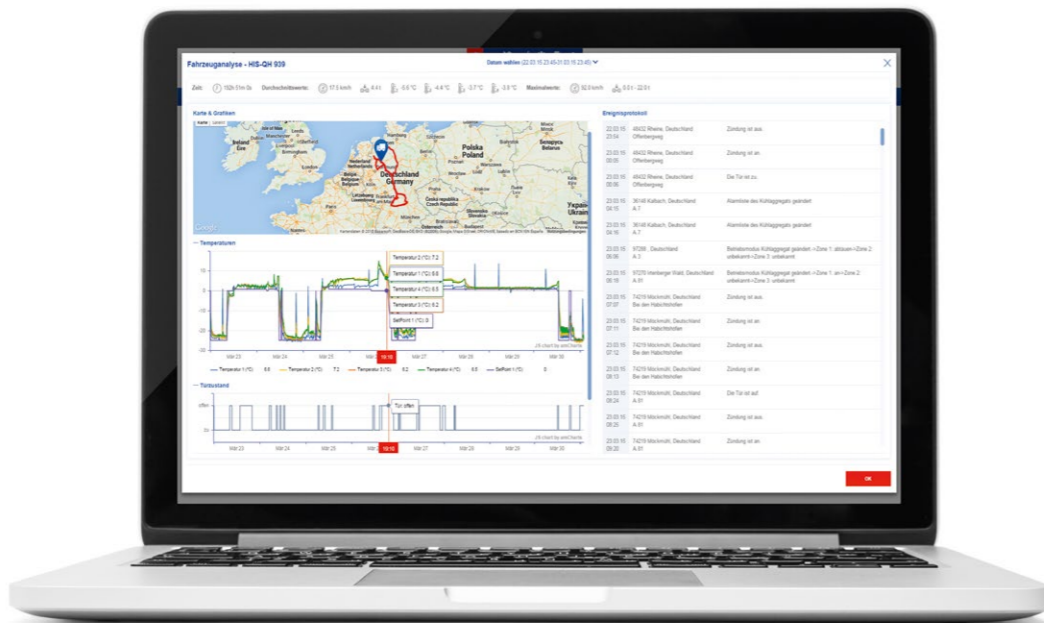
The Benefits at a Glance:

- In-house development of hardware and software to automotive standards with OEM-quality installation

- Intelligent trailer scheduling: real-time overview of the location/availability of the trailer

- Proof of just-in-time deliveries with an overview of the loading status for the delivery note

- Optimised CO_2 emissions: avoidance of empty runs and optimised trailer usage

- Enhanced trailer up-time: real-time information about the wear and status of technical axle units prevents breakdowns and shortens the time required for service stops

- Factory-fitted equipment: 'One Single Gateway' for the secured transmission of data and signals from your trailer

TrailerConnect® Portal
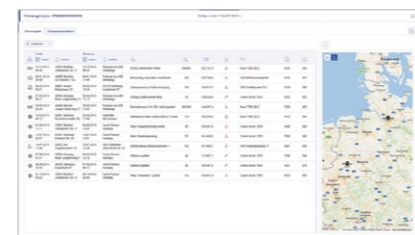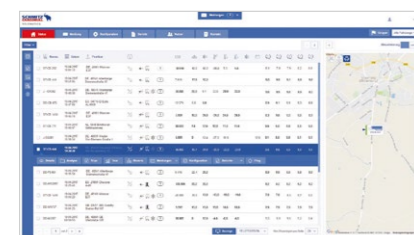
Real-Time Control of Everything

Experience your transport live. The TrailerConnect® portal allows you to keep a close eye on the condition of your trailer and the freight. Whether, events, messages or location information in real time, all values are extensively visualised or can be filtered. Comprehensive reporting enables data to be documented and provided to third parties.

For all trailers: the TrailerConnect® portal can present the consolidated data on your entire trailer fleet. With over 40 interfaces, almost any other third-party's, market competitor's or accessories supplier's telematics applications can be connected. This can be done without the need for complex retrofitting and is all on a single platform with excellent functionality.

Cold Chain Management

- Legally-compliant documentation of the cold chain, proof of the correct operation of the cooling unit, graphic representation of the route with current position, event history and output in report form
- Monitoring of decoupled trailers, even in unaccompanied intermodal transport by rail and ferry or on drop-and-swap handovers
- Shippers and other stakeholders have their own access to the data to speed up the process chain

Status Overview

- All the latest key trailer data at a glance including map extract
- Use of trailer groups and filter sets for demand-led views
- Go directly to the function and analysis you want in a couple of clicks

Tour Management

- Analysis of individual routes on a clearly arranged dashboard (event, temperature and location history)
- Export function for simple forwarding of data
- Avoidance of trailer downtime thanks to servicing-relevant warning messages in real-time
- Zoom function for simple selection of the analysis period

Fleet Management

- Chronological recording of the service information of all networked trailer components (cooling, running gear, sensors, actuators)
- Avoidance of trailer downtime thanks to servicing-relevant warning messages in real-time
- Documentation of technical events stating the time and place of the event, and rectification

Monitor the cold chain everywhere: you can even control the cold chain in uncoupled trailers from your desk with the TrailerConnect® portal. In two-way communication you receive the current status in real time and can adapt settings and setpoints on the cooling unit to the situation.
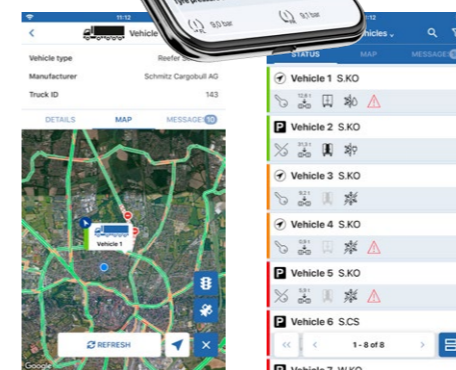
Secure key service: the TL3 door locking system in the S.KO COOL SMART is PIN-protected and can be remotely locked and unlocked with the TrailerConnect® portal. The driver can then enter the PIN in situ using the beSmart app or on the display of the S.CU cooling unit. The automatic geo-lock uses the telematic system's geofencing monitoring to enable access only in defined zones.

beUpToDate

React Quickly to Critical Events

With the **beUpToDate** app you have your fleet in view at all times. As an extract from the portal, you can display the location and condition as well as data on the tyre pressure, wear and load individually for each trailer or obtain an overview of the status of the entire fleet. Receive messages and alerts directly on your smartphone and also stay informed when on the move.
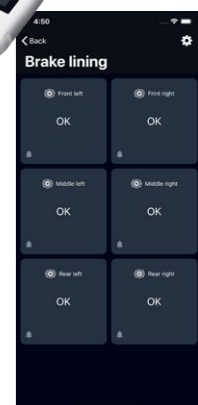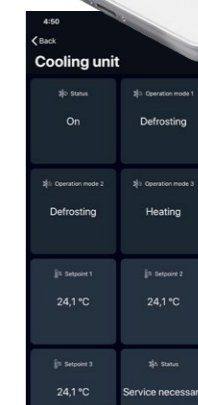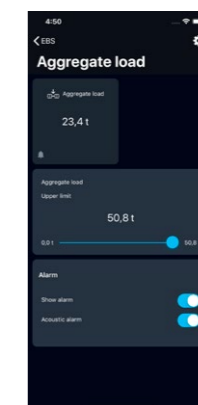

Respond fast on the move too: the beUpToDate app shows you the real-time position and status of your fleet and the condition of connected vehicle components.

Real-time tyre pressure monitoring at all times: the telematics control unit is prepared for monitoring and supports simple installation of a wireless system on the rim. The beSmart app permits direct control for the driver and beUpToDate for each trailer in the fleet. This avoids flat tyres, reduces wear and optimises fuel consumption through reduced roll resistance.

TyreManager

Simply Configure Tyre Pressure Sensors

The **TyreManager** is your application for configuring and managing the installed tyre sensors in a trailer using the TrailerConnect® telematics system. Changes to the sensor or axle positions as well as the teaching of new sensors can be done quickly, via a mobile device – and without physical connection to the trailer – at all times.

beSmart

Your New Trailer&Cargo Manager

The **beSmart app** lets your drivers monitor the condition of the trailer and respond rapidly if required. The driver can control the cooling unit, door locking system and the smart printer. An integrated WiFi module provides communication between the telematics control unit and smartphone. You won't miss out on any important information in future.

Your personal assistant in the cockpit: beSmart informs the driver about the aggregate load, tyre pressure, brake condition and, with temperature-controlled freight, the settings in the cooling unit, temperature in the cargo area, fuel level, and controls the door locking system. You receive messages on time before critical statuses are reached.

Demand-led maintenance reduces costs and improves trailer up-time: the trailer technology data informs you about the actual load capacity and wear, helps you to avoid a breakdown, and plan the optimum time for the next workshop visit in advance.

100% SMART Ex Works
With TrailerConnect® Telematics on Board

In future, all S.CS curtainsider semi-trailers and S.KO box body semi-trailers will be fitted with the **TrailerConnect® telematics** hardware as standard. Your benefits include:

- **Smart scheduling** that optimises routes and on-time deliveries, while also avoiding empty runs.

- **Reduction of process costs** for trailer availability, capacity utilisation and personnel deployment.

- **Efficient fleet management** with real-time information on the current state of the fleet for your planning.

- **Increased trailer availability** through proactive maintenance that minimises downtime and breakdowns.

- **Improved load safety** through continuous monitoring using geofencing and the integrated temperature recorder – also for solo trailers in multimodal transport.

Trailers that carry the SMART INSIDE label are factory-fitted with TrailerConnect® telematics as standard. Currently this applies to all S.CS SMART curtainsider semi-trailers, and S.KO COOL SMART and S.KO EXPRESS SMART box body semi-trailers.

One-Stop Solution
Premium Services from Schmitz Cargobull

TrailerConnect® telematics for smart logistics and fleet management

24h
Original spare parts in 24 hrs, order online with EPOS portal

Full Service for the trailer, cooling unit and tyres

24h
24 hr Cargobull Euroservice Europe-wide breakdown service

Usage

Procurement

Valuation and sale

Tailored financing solutions and insurances from the industry expert

Second-hand – first-class: certified-quality used trailers

1,700 Service Partners – your specialist workshop for Full Service

Schmitz Cargobull AG · Bahnhofstraße 22 · D - 48612 Horstmar
Phone +49 2558 81-0 · Fax +49 2558 81-500 · www.cargobull.com