

AXSCEND

AXSCEND | Fleet Technologies

Smart trailer management





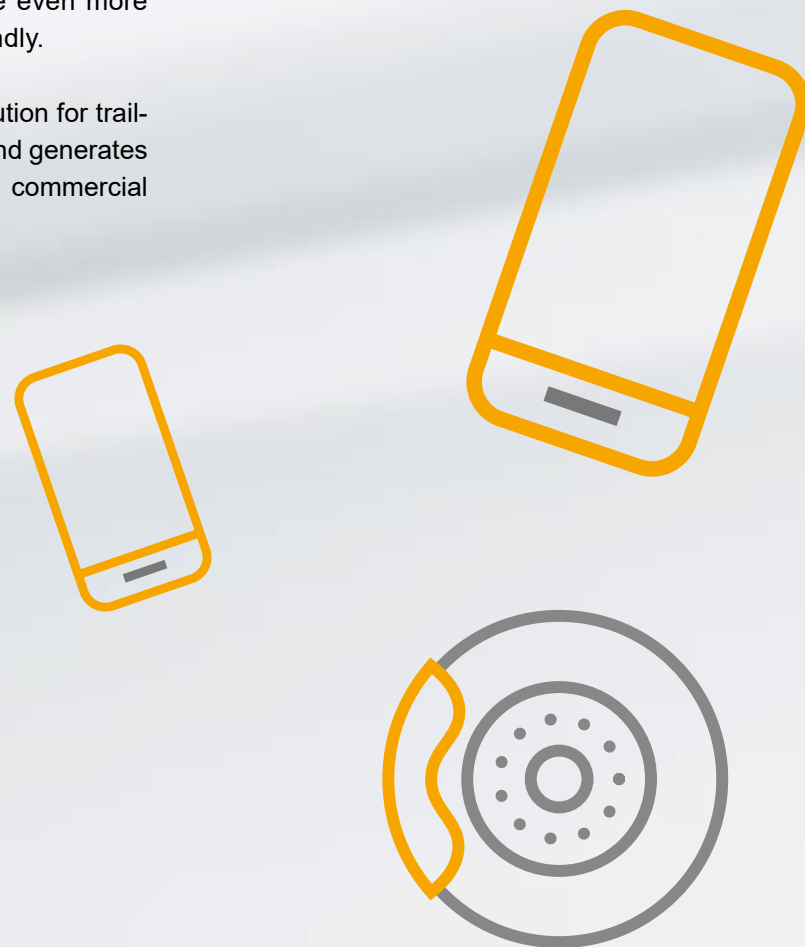
The future of fleets is connected, smart, and digital.

Shape the Future of Fleet Management

As one of the leading global manufacturers of truck and trailer components, we are familiar with the requirements of the transport industry. That is why we develop intelligent technologies for trailer digitalisation as well as innovative chassis systems. As a result, transport processes will become even more efficient, safe, transparent and eco-friendly.

Our AXSCEND | Fleet Technologies solution for trailers creates digital transport processes and generates real added value for manufacturers of commercial vehicles and for transport companies.

SAF-HOLLAND supports you and is at your side throughout the entire process with extensive expertise.



AXSCEND | Fleet Technologies: the smart solution for your success.

In an increasingly connected transportation world, transparency, efficiency, and rapid decision-making processes are key competitive advantages. Commercial vehicle manufacturers and fleet operators are therefore turning to smart telematics solutions that provide vehicle and motion data in real time, optimize processes, and sustainably improve the performance of their fleets.



Perform a digital upgrade with AXSCEND | Fleet Technologies now.

With AXSCEND | Fleet Technologies, fleet operators gain a high-performance, comprehensive solution for secure, transparent, and efficient fleet management. The seamless integration of all relevant trailer components provides a reliable overview of vehicle conditions, maintenance needs, and operational data. This increases fleet availability, improves operational safety, and creates clear competitive advantages in day-to-day transportation operations.



AXSCEND | Fleet Technologies features for trailers.

Efficient and transparent transport processes.



Track & trace: for a perfect overview of the entire fleet.

The locations and directions of travel for all trailers are visible in satellite and map views. Movement data is automatically updated and displayed in real time. With BackTrack history and geofencing functionality for virtual markers.



Maintenance management: increasing availability.

Automatic maintenance and diagnostic data with a handy appointment function make it easier to schedule maintenance and downtimes. All documents relating to maintenance actions can be managed easily in a central location and exported to other systems.



Automatic reports and optimisation analysis: optimal capacity utilisation.

Automatic performance reports for individual trailers (24/7 performance in hours, days and weeks) identify expensive empty trips and help optimise capacity utilisation for the fleet.



Trailer status: everything at a glance, at any time.

Vehicle data is automatically updated and displayed in real time. A centralized overview of the condition of the entire trailer. TPMS, EBPMS®, and WEMS monitor tires, braking performance, and wheel hubs.

Geofencing: Monitors defined areas and reports if and when vehicles enter and leave these zones and how long they have been in them.

DriverApp for a safe transport of goods: Supports the driver with a customizable digital pre-trip inspection and enables direct reporting of damage and defects. Provides a better overview of the (leased) fleet.

EBS error code monitoring for fast solution management: Automatically uploads the EBS data and error codes to the AXSCEND | Fleet Technologies Portal and provides detailed explanations and recommendations from the manufacturer on how to resolve the issue - without first reading the data using a diagnostic tool.

TPMS for tyre monitoring and greater safety due to fewer tyre failures: Passive tyre pressure monitoring (R141), even when the trailer is uncoupled; identifies new tyres with the help of the sensor and continuous temperature monitoring for the tyres; alarm signal if there is a deviation from specified values.

EBPMS® and WEMS to minimise downtimes: WEMS monitors the brake condition, while EBPMS analyses brake performance trends and detects issues at an early stage. Together, both systems improve road safety and help prevent unplanned repairs.

Temperature monitoring for reliable transport of sensitive goods: Unbroken cold chain due to constant monitoring of the cooling unit and temperature, and to alarm signals when thresholds are reached.

Door monitoring for increased safety and optimal protection for goods: Protects freights from unauthorised access through permanent monitoring of door activities – and is of course ADR-compliant.

Alarm management: Consolidates alerts from the trailer, EBS, and sensors centrally in the portal. Custom thresholds and event rules enable rapid responses to critical vehicle conditions, geofence events, and maintenance needs.

Axle load monitoring for optimum capacity utilisation and maximum reliability: Monitors the state of loading and unloading, even when the trailer is uncoupled, detects loads that are too large or too small, and identifies delays in delivery.

Smart technology for all trailers

- Uncomplicated digital solution
- Intelligent functions
- Comprehensive overview
- Very user-friendly

Future expansion, expected to be available starting in 2027. Intelligent wheel-end and brake monitoring - WEMS (Wheel End Monitoring System). We are constantly developing our system with you and for you. **If necessary, we will customize the system to meet your specific needs and integrate your existing sensors into our system.**

The AXSCEND telematics solution for intelligent trailer management.

AXSCEND | Fleet Technologies connects selected trailer components—such as tyres (TPMS), brakes (EBS, WEMS, EBPMS), doors, etc. — and provides real-time digital vehicle and motion data. All events can be centrally monitored and controlled via the portal. The hardware and software, which are perfectly tailored to each other, can be used with all trailer types and ensure smooth and complete documentation of trailer and transport processes.

More transparency.

Keep track of the trailer's location, weight, or mileage, as well as the current condition of setup, brakes, and other components at all times: With the AXSCEND | Fleet Technologies Portal, you can view and manage all events related to the trailer and its components in one place on a clearly structured, easy-to-navigate, and customizable dashboard.

More safety.

To ensure that goods can be transported reliably and safely, AXSCEND | Fleet Technologies protects against unauthorized access, dangerous overloading, or costly breakdowns due to wear and tear. The alarm management system immediately notifies you of any changes to predefined thresholds. For greater cargo security, operational reliability, and smooth transportation.

More simplicity.

All motion and vehicle data is automatically synchronized and presented in the AXSCEND | Fleet Technologies Portal in a way that is easy to understand and visually appealing. Whether on a PC at home or on the go using a smartphone or tablet, users have access to all enabled features at any time.

AXSCEND

is a UK-based trailer telematics specialists with a passion for innovations. AXSCEND has been a successful and forward-thinking company since 2006.

Advantages at a glance:

- Intelligent networking of trailer components
- Full transparency across the entire fleet
- Secure data storage in a cloud
- Simple and intuitive operation
- Central display of all vehicle and movement data
- Fast diagnosis of damage and optimised maintenance management



Smart trailers.

Intelligently networked components and digital data in real time.

Imagine if your trailer automatically reported what it needs: higher tyre pressure, new brakes or a smaller load to protect its axles and avoid fines. That is exactly what AXSCEND | Fleet Technologies does. Its telematics system makes your trailer smart and communicative – and enables automatic real-time communication between the trailer and the fleet manager.

Efficient processes and higher productivity.

Thanks to their real-time overview, carriers and fleet operators can better coordinate their vehicles and react to sudden changes in planning. AXSCEND | Fleet Technologies identifies expensive empty journeys and provides further valuable insights and possible improvements in automatically generated reports. Resource planning and utilisation are made significantly easier by the digital tool. For efficient trailer management and higher productivity for the entire fleet.

Fewer breakdowns, more predictability and economic efficiency.

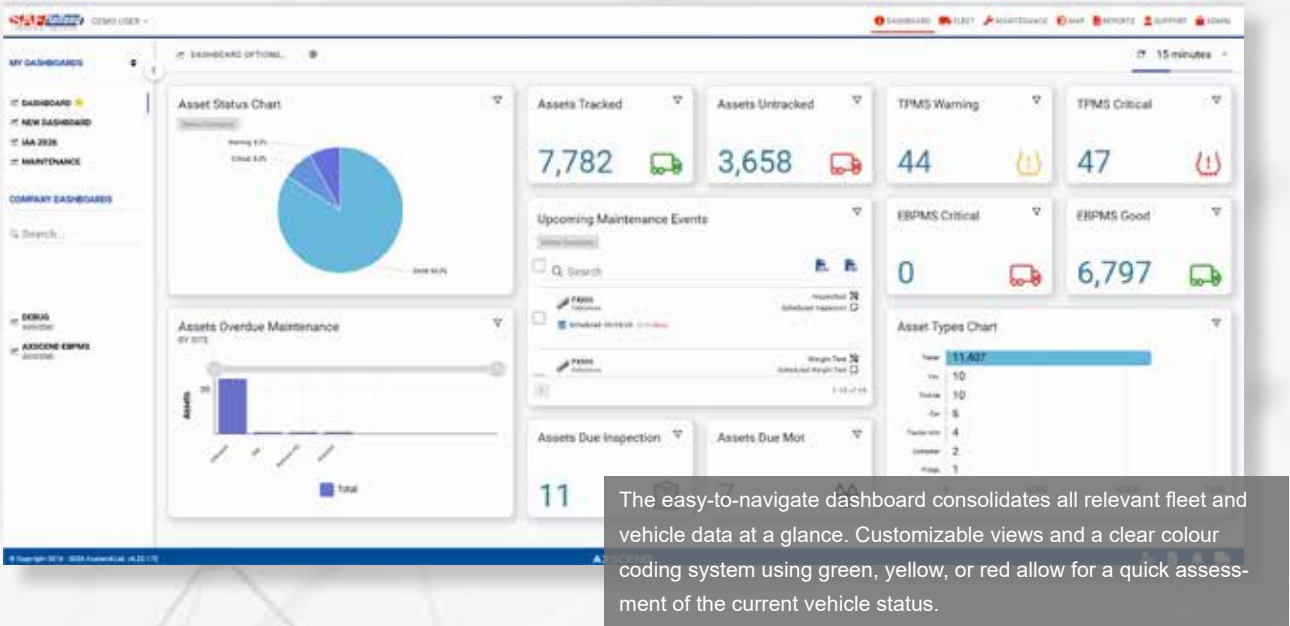
Sensors provide a constant overview of the technical status of trailer components as well as timely wear information, making it possible to prevent expensive breakdowns and malfunctions. The AXSCEND | Fleet Technologies maintenance management system and handy appointment function facilitate advance booking of workshop appointments – enabling proactive maintenance planning. This reduces the time and money spent on maintenance.

Optimised vehicle utilisation and constant monitoring of tyre pressure significantly reduce fuel consumption, yielding additional savings and sustainably lowering carbon emissions.

- More efficiency ✓
- More safety ✓
- Lower maintenance costs ✓
- Fewer downtimes ✓
- Lower carbon emissions ✓



The AXSCEND | Fleet Technologies web portal with real-time transparency: The state of the entire fleet at a glance.



The AXSCEND | Fleet Technologies web portal allows all trailer information to be accessed and controlled in a central location. All vehicle and movement data are updated automatically. For an up-to-the-minute status overview of the entire fleet, at a glance and on all end devices (computer, laptop, tablet and smartphone).

Automatic maintenance and diagnostic data with a handy appointment function make it easier to schedule maintenance and reduce downtimes.

Always well informed even on the road: AXSCEND | Fleet Technologies App

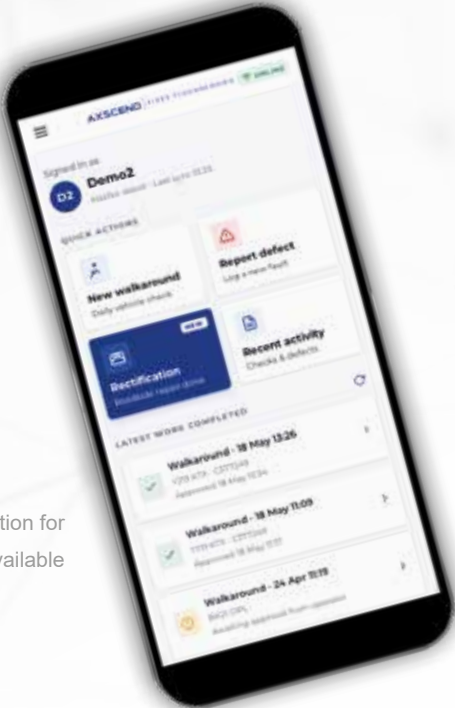
The AXFleet app provides access to all relevant data even on the road.



AXSCEND | Fleet Technologies DriverApp: The smart everyday assistant.

Relief for drivers and shorter downtimes.

The digital departure check helps them document any vehicle defects (digital checklist, photo upload). Any other important events relating to the trailer components are forwarded to the driver immediately by means of push messages. This way, the DriverApp makes sure the driver has a stress-free trip and can concentrate on the main thing: transporting goods safely.

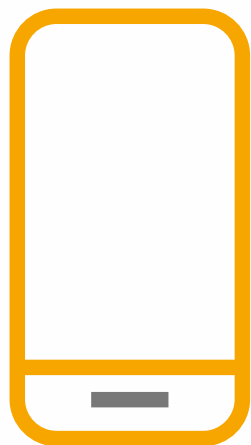


Efficient fleet management:
Everything under control, even with frequent vehicle changes.

Advantages of the app

- Efficient fleet management
- Increased availability thanks to transparent status overview
- Complete documentation of all damage reports in the app, as well as maintenance tasks in the portal
- Digital departure check as a relief for drivers
- Fast damage diagnoses

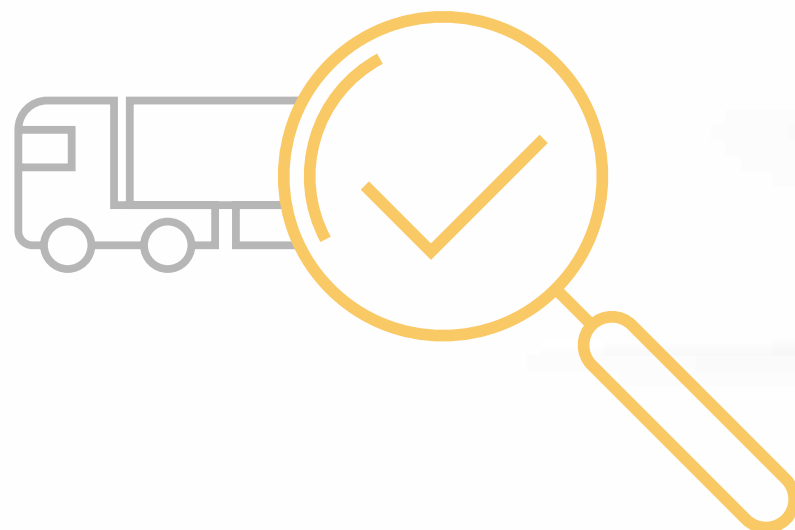




Easy to install.

Ready to use in just a few steps.

Installing the AXSCEND | Fleet Technologies hardware is straightforward and can be completed in about 60 minutes for most trailers. The AXSCEND | Fleet Technologies installation app provides step-by-step guidance throughout the installation process. With minimal effort, the accompanying AXSCEND | Fleet Technologies software can also be installed and customized - for quick and easy assignment of permissions and functions among users. SAF-HOLLAND supports you with hardware and software installation: We train your employees and show you what matters most (learn more about our comprehensive customer service on page 15).



During our AXSCEND | Fleet Technologies training for your employees, we show you what matters.



Extremely user-friendly.

Thanks to intuitive operation and clear presentation.

The AXSCEND | Fleet Technologies web portal and mobile app are characterized by simple user interfaces and clearly organized dashboards. Just a few clicks, clear information, simple color coding, and visual graphics make the applications intuitive to use and extremely user-friendly. With the powerful search function, the user can find exactly the trailers that match their current criteria. In the convenient “Trailer

Shopping Cart,” particularly interesting or important trailers can be added and saved to a bookmark for later. This ensures they are always readily available — no matter where the user is in the portal.

Always by your side:

If you have any questions, our support team will provide fast and competent help.

Advantage for your business: towards a digital future with SAF-HOLLAND.

Carefree in every way: Full support from A to Z.

SAF-HOLLAND is a competent contact for all questions and aspects relating to AXSCEND | Fleet Technologies. We will work with you to identify the specific requirements and needs of your business in order to define the perfect package for you. Choose exactly the features you need, from a range of tried-and-tested basic functions and useful additional functions.

Our telematics specialists are there for you, for the entire project period and beyond. We help you install the hardware and software, integrate data into your system, train your employees to set up and handle with AXSCEND | Fleet Technologies, and answer all your questions. Thanks to our technical support, and to our regular system maintenance and updates, the AXSCEND | Fleet Technologies runs reliably at all times.

Status analysis	Planning & design	Installation	Support
■ Analysis of the situation and requirements ■ Recording of the specific needs of your business ■ Personal and professional advice from experienced specialists	■ Connection to existing systems ■ Integration of available data ■ Configuration of the software and hardware (selection of components)	■ Installation of the AXSCEND telematics system ■ Integration and commissioning of the hardware and software ■ Introduction and training for your employees	■ Technical support ■ Regular maintenance ■ Regular feature updates

With AXSCEND | Fleet Technologies, we offer you and your customers a powerful system for intelligently networking trailer components. The innovative AXSCEND telematics solution for trailers digitalises and simplifies everyday transport processes and provides measurable benefits to the customer by means of extensive functions.

Shaping the digital future together.

SAF-HOLLAND supports you with innovative solutions for digital modernisation, competent advice and an all-round carefree service. Stay competitive in a highly competitive market with the AXSCEND | Fleet Technologies, and position yourself as a business of the future in the commercial vehicle industry.

Do you have any questions?
We are happy to help and look forward to hearing from you.

Your contacts
Dorothee Klaus
Tel. + 49 160 92319199
dorothee.klaus@safholland.de

Fabio Endres
Tel. + 49 160 99209952
fabio.endres@safholland.de



The SAF-HOLLAND Group is one of the leading international manufacturers of suspension-related assemblies and components for trailers, trucks and buses. Our innovative products increase the efficiency, safety and environmental friendliness of commercial vehicles, contribute to the success of our customers. With around 5,500 employees worldwide, we are at the forefront of shaping the future of the transportation industry.

