

FleetBoard Bus

Less Consumption. Greater Efficiency.
For all Brands.



IMAGE-RANKING 2015

best brand
Telematics

verkehrs
RUNDschau

6/2015

www.verkehrsrundschau.de

Increased Efficiency with a Mouse Click.

More economical from the start.

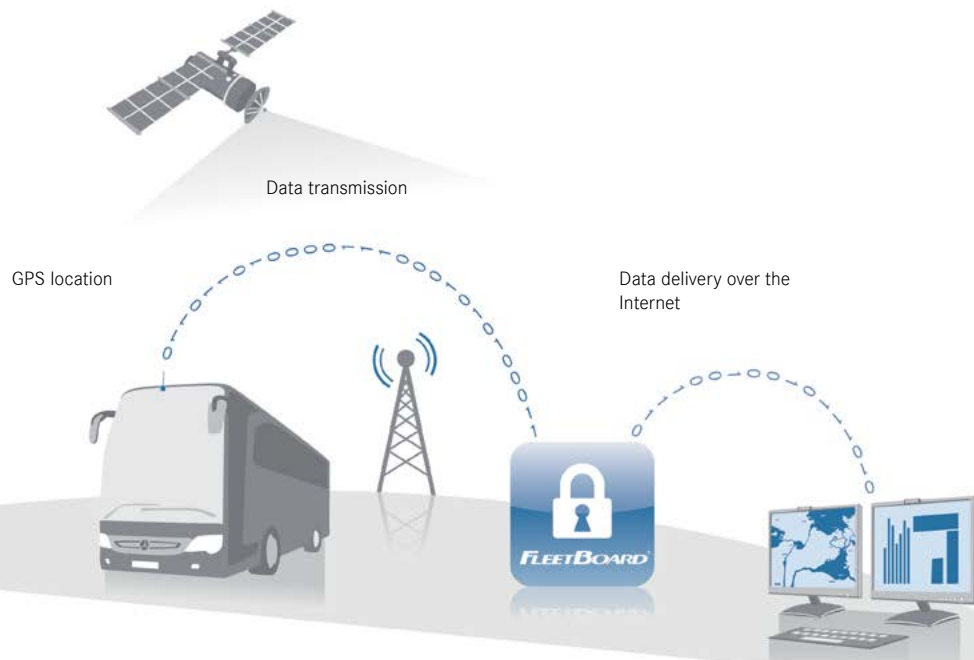
Discover unused savings potential, in coach tours and public transportation, with telematics from FleetBoard. FleetBoard is designed for bus-specific fleet management and aimed at fleets in coach, travel and overland bus transport. The FleetBoard services include numerous functions to optimise driving style and processes leading to an efficient reduction of vehicle wear and fuel consumption, as well as to an increase in service quality. You could save up to 10 percent of fuel through a precise analysis of the driving style and implementing individual training measures on this basis. None of this requires a separate data centre.

With FleetBoard, the coach operator or fleet director can access all

of the important fleet information over the Internet in a secured and password-protected manner.

Our expertise supports your fleet

- Telematics services to lower costs and improve service
- Flat rate for services, including communication costs
- Easy access at all times and all over the world
- Many bus brands and used vehicles can be retrofitted
- Data centre meeting bank standards
- Future-proof investment



Using the vehicle interface, FleetBoard accesses the vehicle's electronic system and transmits vehicle and driver data to the FleetBoard servers via GSM/GPRS.

FleetBoard server

Representation of the FleetBoard evaluation





See the benefits

■ Transparency in the fleet

Services such as the Performance Analysis and trip records provide more potential for savings and service quality. The fuel consumption can thus be optimised by an objective evaluation of the driving style while, at the same time, scheduled stops at bus stops can be tracked.

■ Optimal vehicle use by tracking the vehicles' positioning

The current location of each vehicle is available at any time and the route is documented in detail. Thus, FleetBoard also contributes to the security of the bus fleet, for example, in the case of theft.

■ Simple data access, high data security

FleetBoard guarantees the most convenient data access as well as maximum security for your data with a password-protected login and data centre up to bank standards with encrypted data transmission.

■ Flexible integration of computer systems

With WebServices, FleetBoard can connect to in-house computer systems.

■ Head start from factory

Mercedes-Benz and Setra buses can be equipped with the FleetBoard system from the factory with full warranty throughout Europe or, as with other bus makes, this can be retrofitted.



FleetBoard – for mixed fleets

Installation pre-requisites

The provision of the FleetBoard hardware is available from the factory for Mercedes-Benz and Setra buses and as a retrofit for many other makes and stock vehicles - the FMS interface is indispensable for this (at least Bus-FMS 2.0). It is often possible to retrofit the FMS interface in stock vehicles.

Requirements for the use of FleetBoard services:

- Installation of the FleetBoard TiiRec on-board computer
- Conclusion of a framework agreement for FleetBoard services



Lower Costs and Greater Efficiency for Your Business.

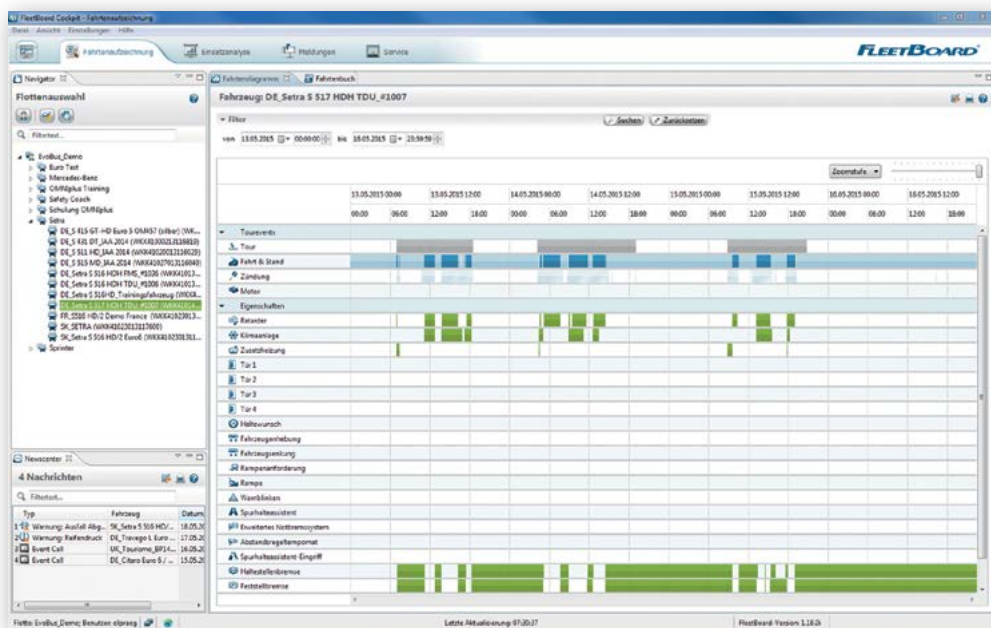
Thanks to the FleetBoard Performance Analysis.

From the speed to the appropriate driving up to the representation of harsh braking – with the FleetBoard Performance Analysis, you can gather detailed information about your drivers' driving style. This gives you a realistic evaluation basis for reducing fuel consumption, CO₂ emission and vehicle wear and tear even for different manufacturers. The FleetBoard Performance Analysis also provides the following information:

- Degree of difficulty (average inclines and weight) of the vehicle
- Trip distance/time
- Stop time with running engine/engine off
- Appropriate, economical driving
- Overrevs
- Average speed
- Total/vehicle/idle consumption as well as CO₂ emissions
- Number of stops
- Eco-Roll share and PPC (additionally for vehicles with B2E electronic architecture)



FleetBoard Performance Analysis: left overview, right detailed view



FleetBoard
Trip Records

Seamless Documentation of Your Tours. With FleetBoard Trip Records and Mapping.

FleetBoard Trip Records

This adds the benefits of increased passenger satisfaction from more punctuality, route optimisation and secure dispatching. The trip records service transfers all bus-specific data concerning daily bus use, such as travel and stop times, door and ramp status, use of air conditioning and heater, position and speed.

The resulting benefits are increased passenger satisfaction from more punctuality, route optimisation and secure dispatching.

FleetBoard Mapping (positioning)

The location and route taken by the buses, which are recorded in 30-second intervals and transmitted every 10 minutes, can be called any time and from all over the world with the Mapping service. In addition, the definition of specific entry and exit areas as well as the display of tour events, warning and status messages are possible.



Your Busses are there where You earn Your Money: On the Road.

With FleetBoard Service and Uptime*.

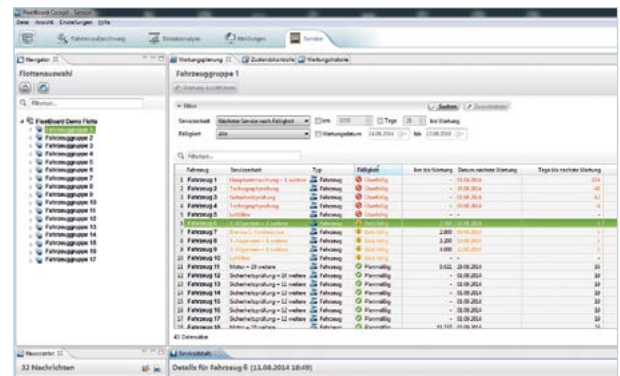
FleetBoard Service and Status Check*

How much are the brake pads worn? How many kilometres can the vehicle remain on the street until the next maintenance appointment is due? This and more information about wear parts and consumables for your vehicle is available at a click in the FleetBoard Service. This enables a preventative maintenance of the vehicle and the best possible planning of maintenance intervals to increase the vehicle availability.

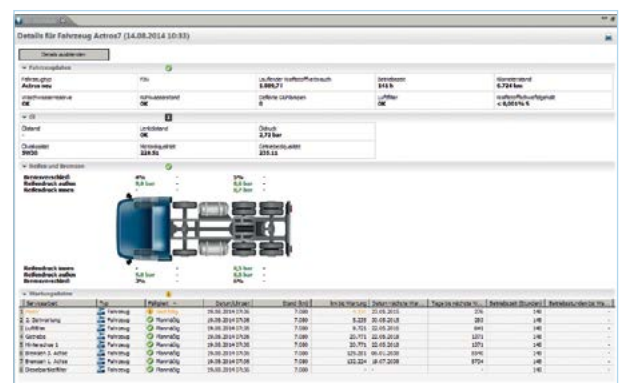
The Service module evaluates operational data, such as odometer reading, as well as selected warning messages and alarms (tell tales), such as motor or transmission oil temperatures, low engine oil pressure or wear of brake pads, and thus provides the basis for efficient planning of maintenance and fast repairs.

The FleetBoard Status Check provides the following information, among other things:

- Technical condition of the vehicle
- Tyre pressure



Maintenance planning overview:
Enables the bundled planning of workshop visits.



Service details. Overview of the technical condition of the vehicle.

Excerpt of the more than 40 current tell tales

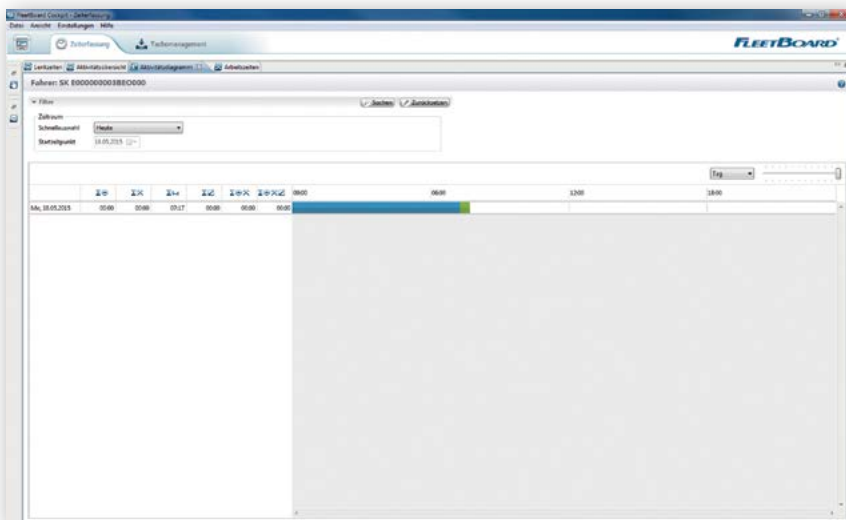
- Braking system error
- Coolant temperature
- Battery
- Transmission oil temperature
- Steering error
- Engine malfunction
- Gearbox malfunction
- Passenger alarm
- ESP enabled

FleetBoard Uptime*

This service provides the following information, among other things:

- Electric controls
- Active and stored error codes

* Only for Mercedes-Benz and Setra vehicles mit B2E architecture



FleetBoard Time Recording provides comprehensive forecasts such as: start of shift, number of rest time reductions taken, number of driving time extensions and date for the beginning of the next daily or weekly rest time.



Everything's Taken Care of. With FleetBoard Time Recording and tachograph management.

FleetBoard Time Recording

Plan your tours on the basis of current remaining driving time prognoses to conform to legal requirements. Along with the display of recorded and available driving, work and rest times, FleetBoard offers a lot of additional helpful information for effective planning.

FleetBoard driver card and Mass Memory Download

With FleetBoard, the statutory reading and archiving of driver card data and mass memory data is child's play. With the DEKRA-certified remote download, the mass storage data can be read from the digital tachograph in the bus regardless of location while taking into account all legal requirements. That is a benefit, especially when

the driver and bus are absent for longer periods. The company card remains where it belongs – in the company and not in the bus.

Economical and fast.

- Automated data download of the mass memory without physical access to the vehicles
- Download of the driver card in the vehicle
- Secure storage and archiving in the FleetBoard data centre according to banking standards
- Monitoring of upcoming and overdue Mass Memory Downloads
- Uniform data format (.ddd) for analysis in third-party systems
- Available for all download-enabled tachographs

Individual Control of Logistics Processes - More Efficiency for Your Use.

With FleetBoard Messaging.

Send messages to the drivers, receive the corresponding replies, transfer addresses for the navigation - that is all that is needed to enter the world of professional and telematics-supported Logistics Management. This results in efficient communication, transparent processes, and simpler information exchange between the driver

and the central dispatch office. Transferring addresses to the intuitively operable navigation with truck attributes means less rerouting and more satisfied drivers. And this amounts to less errors and reduced costs for you.

Our offer:

- Bi-directional communication incl. European flat rate
- Receive and read confirmation
- Transmission of geo-encoded addresses
- Multilingual operability of all forms and views
- Transfer of position data
- Determination of the expected arrival time

Your benefits:

- Efficient fleet control and maximum transparency
- Uncomplicated communication between the driver and the central office
- Optimised navigation, less detours and fewer unnecessary trips
- Reduced communication costs with the European flat rate
- Avoidance of high and non-transparent mobile Communication costs

With FleetBoard Logistics.

We offer a broad spectrum of pre-configured standard workflows with which you can securely and safely control and monitor repetitive work processes. The workflows are based on the classic transportation challenges in various industries and can therefore be implemented in a variety of manners. For you this means: time-

consuming requirements workshops and process descriptions are not necessary. Standard workflows are quickly implemented in your company and can be used immediately.

Our offer:

- Pre-defined workflows to support typical transportation tasks
- Logistics Management for trips, orders
- Workflow-supported order processing
- Entry of waiting times
- Fuelling forms
- Exchange of free text messages
- Status messages

Your benefits:

- Quick introduction possible, can be used immediately
- Can be expanded at any time to meet your individual requirements
- More efficiency with optimised standard procedures
- More transparency
- Safety and support for your drivers



FleetBoard Consulting:

From the plan to the implementation - your success is our goal.

Fleet management concerns more than vehicles. Illustrating the processes in a transportation company optimally with a telematics solution requires expertise in the fields of vehicles, IT and an above-average knowledge of the overall processes. FleetBoard consulting has this. Our consultants support you with individually-tailored telematics solutions for long-term success and competitiveness.

FleetBoard satisfaction guarantee:

Sound and competent consulting is an indispensable part of the product. For you, this means: There are, of course, no additional costs for the in-depth consultation by our team from the analysis to the roll-out in your company.



Our offer:

- Analysis: together we define and examine your internal fleet and transportation processes. This serves as the basis for your individually designed FleetBoard telematics solution. We then present you with a detailed estimate for the implementation.
- Implementation: the defined process/solution approach is implemented carefully. Implementation by third-parties (e.g. for integration into your existing logistics software) is coordinated exactly.*
- Pilot phase: the implementation is tested extensively by us and - more importantly - by you. Close contact to the users in your company is a matter of course. The final acceptance is not performed until you are completely satisfied.
- Roll-Out training: we configure the end-user equipment on the vehicles and provide intensive and long-lasting training in the use of the system.
- Operation: effective immediately, FleetBoard is part of your daily business and you profit metre for metre, order for order from the benefits of your new premium telematics solution. Of course our experts and our support will continue to provide support and help at any time - our idea of a cooperative business partnership!

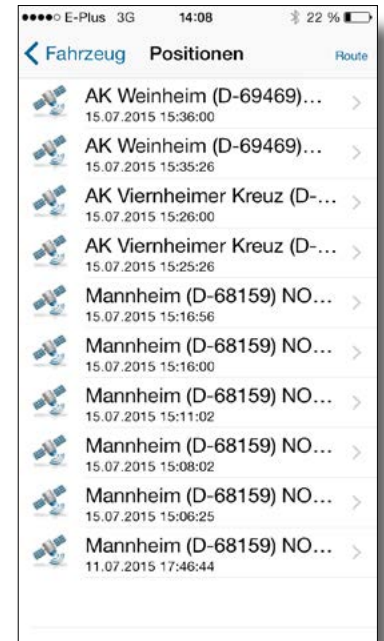
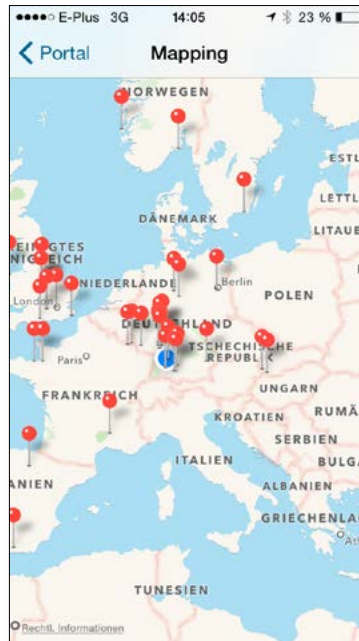
* An overview of our current connection partners can be seen at www.fleetboard.com. We are continuously adding to our list of partners, contact us!

Performance Manager on the Road.

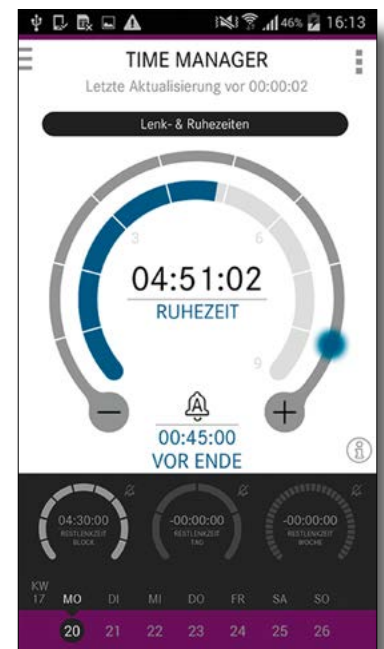
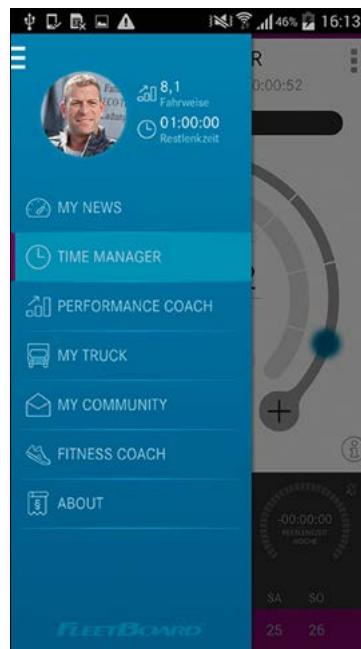
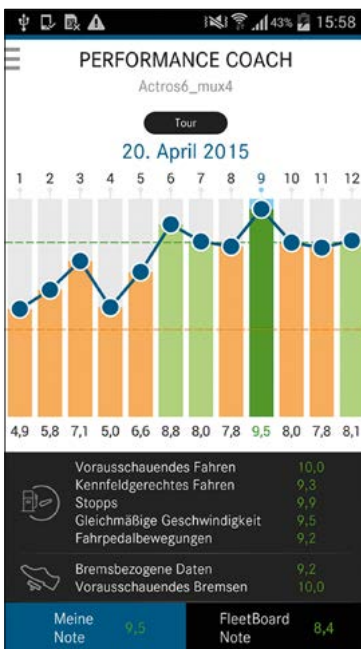
The FleetBoard Bus.app

With the free FleetBoard Bus.app you have your business under control even when on the road. Vehicle position, consumption, door and ramp status, driving style as well as remaining driving time forecasts for your drivers - the app sends you information from all FleetBoard services. This requires a FleetBoard service contract.

The FleetBoard Bus.app is available for free download in the Apple App store and in the Google Play store for iPhone, iPad and Android smartphones.



The FleetBoard Driver.app



In ship-shape condition behind the wheel and always up-to-date on your own driving style, driving and rest times as well as your colleagues. The free FleetBoard Driver.app is an optimal combination of work and leisure time. Along with direct access to personal data from the FleetBoard services for Performance Analysis and Time Recording, fitness tips and videos support physical well-being and health.

The Time Manager shows the current driving and rest times. With the Performance Coach, the drivers always have an overview of their personal driving performance. The Fitness Coach supports physical performance and health. And even contact with colleagues is easy with the Messenger. The FleetBoard Driver.app is available for free in the Google Play store.



FleetBoard means: Costs down, efficiency up.

Our expertise ...

Practical:

- Flexible integration into your company's IT network
- Worldwide access to your data
- Service flat rate incl. communication costs
- Comprehensive support by experienced experts

Premium quality:

- Quality-checked services
- Automotive-certified hardware
- Modular service portfolio
- Can be used with any brand

Secure investment:

- 100% Daimler subsidiary
- Computer centre at banking standards
- Amortisation of investment costs possible within one year
- Updates using remote maintenance

... for your success



Reduce costs:

- Up to 10% less fuel and wear
- Increased vehicle availability
- Affordable communication between the driver and headquarters



Increase productivity:

- Motivated and trained drivers
- Increase in service quality by ability to provide information to passengers
- Transparency of locations and tour progress



Optimise procedures:

- Error-free communication
- Monitoring of driving times and rest periods
- Fulfilment of all legal archiving obligations

More than telematics: the all-round carefree package from FleetBoard



Individual consulting

- Individual analysis and consulting from sales representatives and consultants
- Industry and company-specific selection of the scope of software and hardware
- Integration into your own software possible with WebServices



Testing and implementation

- Training after installation of hardware
- Seminars for driver managers, fleet managers and managing directors
- Driver coaching, for example at FleetBoard or OMNIplus



Service network

- EvoBus service network for subsequent orders, exchange or installation of the FleetBoard hardware
- Europe-wide FleetBoard-certified partner with expert knowledge
- Use of FleetBoard functionality for:
 - Proactive maintenance management
 - Optimisation of service stays



Hotline & support

- Free technical support in several languages
- High degree of technical competency in customer support from the FleetBoard telematics experts
- Guaranteed high availability and fast reaction times
- Service account manager also available as a permanent contact partner

Companies of all sizes, from various industries trust us. Our successful partnerships speak for themselves.

Daimler FleetBoard GmbH is one of the leading European-wide suppliers of telematics-supported Internet services for trucks, vans and buses. The modular FleetBoard services support companies in overland, travel and public transport to conduct tours optimally and to reduce the operating costs of their fleets. The hardware is installed in Mercedes-Benz and Setra vehicles at the factory. In other vehicle makes, the telematics system is available as a retro-fit. All vehicles profit from the full service sales and service network. The 100% Daimler subsidiary headquartered in Stuttgart has received several awards and is a DEKRA-approved and certified company according to DIN EN ISO 9001:2008.

FleetBoard Support – service times and information

The service times for our technical support and country-specific information is available in the Internet:

www.fleetboard.com/support or by phone:
number: +49 (0)711 17-91999.

