GPS.AT
SOFTWARE-MANAGEMENT GmbH

GPS FLEET SOFTWARE

PRODUCT CATALOG

03/25

About GPS.at

GPS.at (Software-Management GmbH) is your reliable partner for digital vehicle fleet management.

Since our founding in 2004, we have developed into a leading provider of software, telematics and data solutions. Our goal is to help companies, cities and municipalities efficiently digitize and manage their fleets, vehicles, machines, mobile objects and small devices.

The GPS Fleet software is offered to companies and fleets in Austria, Germany and Switzerland. In addition, customers and international resellers also use the GPS Fleet software.

Our team of software and telematics experts is continuously developing new innovations so that you can benefit from the best solution and successfully design your mobility processes.

2
locations

15
Employees

700+
Customers

About GPS Fleet Management Software

The GPS Fleet software is optimal for organizations that...

- Tasks within the fleet, including logbooks, driver's license verifications, and pool car management, seek to undergo digitization.
- diverse fleet, increased vehicle count or various locations
- place significant emphasis on data protection, robust security, and contemporary interfaces
- are seeking a configurable software solution and a partner with significant scalability and agile development capabilities.

65+
person-years of development

45Mio+
records daily

The GPS Fleet software is utilized to...

- of entrepreneurs, fleet managers, logistics professionals, and administrative staff
- at the construction site and by operators
- of enterprises, construction firms, artisans
- from large corporations with extensive vehicle fleets and diverse assets
- from construction sites, urban areas, local governments

software functions

FLEET MANAGEMENT

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GPS TRACKING
FLEET MANAGEMENT

MONITORING OF ALL VEHICLES AND OBJECTS
CONSERVES TIME, RESOURCES, AND COMPOSURE

GPS CORRIDORS
CONTROL AND TRACEABILITY

- Display the current location on maps and toggle between various views.
- Driver, velocity, distance, operating hours, journey status, location, and route
- Search and filter by vehicle name, type, or additional criteria

VEHICLE HIERARCHY

In the vehicle hierarchy, fleets and vehicles can be categorized into groups.

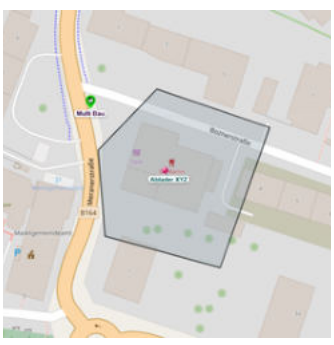
- vehicle categories for enhanced clarity
- Classification of vehicles by location, division, department
- Transfer devices through drag-and-drop interfaces among groups.
- Allocate users to specific vehicle groups.
- Effortlessly activate or modify alarms for groups.

HISTORIC LANE

The documentation and presentation of traveled routes offer a concise summary of completed tasks, visited addresses, or clients.

- Display of tank levels, battery levels, and speeds.
- Analysis of Downtime, Waiting Periods, and Breaks
- selection of previous periods,
- Simultaneous display of multiple devices

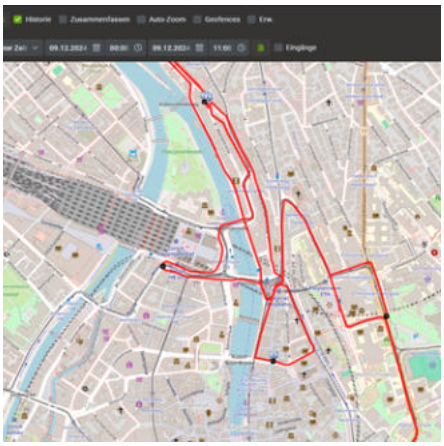
VARIOUS MAP PERSPECTIVES

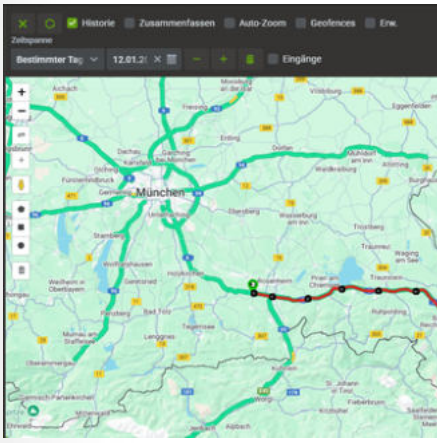


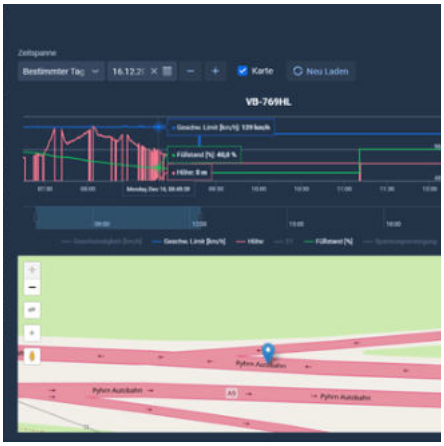
GPS TRACKING
FLEET MANAGEMENT

SEE MORE

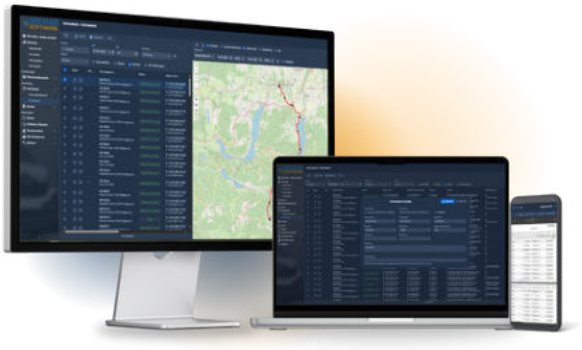
GPS FLEET SOFTWARE VIDEO
SWITCH BETWEEN MAP VIEWS







DIGITAL LOGBOOK
FLEET MANAGEMENT



FROM THE TAX OFFICE
ACCEPTED, DIGITAL LOGBOOKS

DATA PROTECTION
PRIVATELY AND PROFESSIONALLY

- Automatic, complete and immediate documentation of trips with stops
- Hiding live tracking for private trips and also for company trips is possible
- Automatic driver recognition, actual mileage

EXACT MILEAGE
Distances and mileage are either calculated via GPS tracking and manual calibration OR come directly from the vehicle.

DRIVER RECOGNITION
If you have changing drivers or pool vehicles, there are several ways to register as a driver using an RFID chip/employee card or in the vehicle.

PRIVATE TRIPS
Private trips are marked via private counter, smartphone or via the duty hours calendar.

DATA PROTECTION
Live tracking can also be deactivated for company trips. Short stops are not displayed. A data protection release is required for further details.

PROCESSING
Each driver automatically receives his logbook by email. Benefits in kind can be accessed for payroll accounting, and further billing via interfaces is possible.

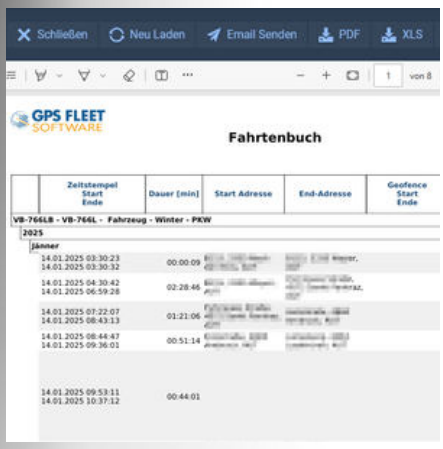
FOR DRIVERS
Drivers can comment on trips on their smartphone or PC. The changes are documented.

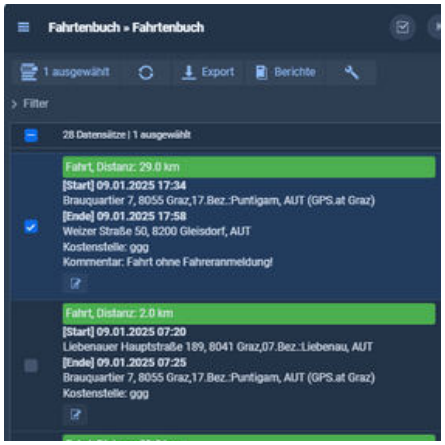
DIGITAL LOGBOOK
FLEET MANAGEMENT

SEE MORE

GPS FLEET MANAGEMENT SOFTWARE VIDEO
EDITING A DIGITAL LOGBOOK ON YOUR COMPUTER

GPS FLEET MANAGEMENT SOFTWARE VIDEO
HOW DOES THE DIGITAL LOGBOOK WORK?





ALARM FLEET MANAGEMENT

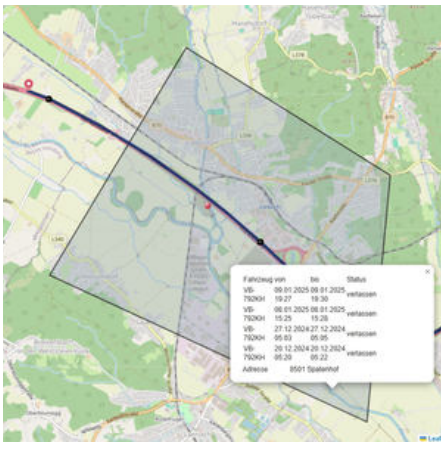
VERSATILE
CONSTRUCTION EQUIPMENT, VEHICLES, MOBILE ASSETS

AM SMARTPHONE
VIA SMS, TELEPHONE, EMAIL

- when relocating the equipment outside of designated service hours
- When disconnecting the vehicle's main power supply, ensure the vehicle battery is also disconnected.
- when towing a construction machine
- when opening doors or engaging side entrances
- speed
- departing the home country
- with obsolete data
- limit to time periods, weekends, or holidays

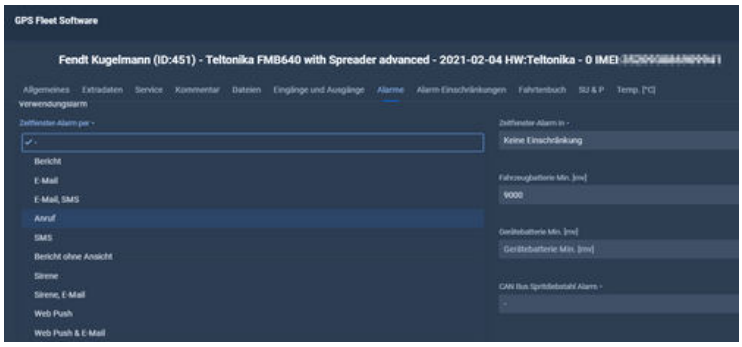
THEFT PROTECTION

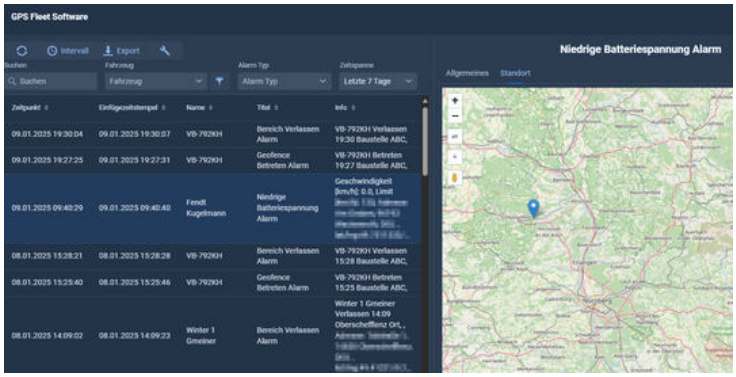
Geofencing is a virtual boundary or hotspot that delineates an area, construction site, or segment of roadway.
An alarm may be activated upon entering or exiting construction sites designated as geofenced areas.
Geofence areas may be delineated on the map by the user or generated through interfaces.
Construction sites and customer addresses designated as geofences may also serve as notification details when a construction machine is scheduled for pickup or return to the depot.

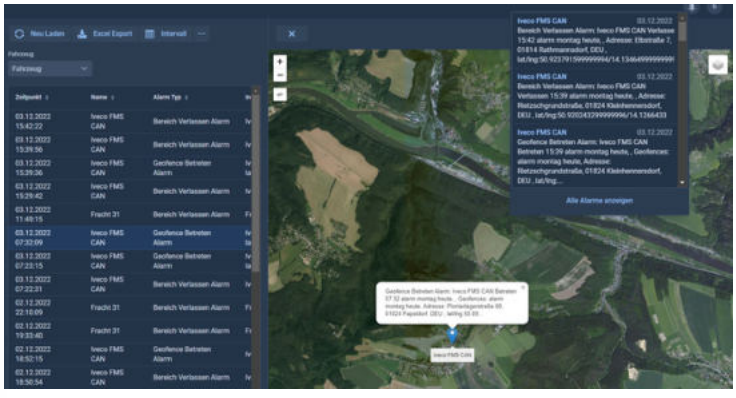


ALARM FLEET MANAGEMENT

SEE MORE







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GPS FLEET SOFTWARE

REPORTS
FLEET MANAGEMENT

ADAPTABLE EXPORTABLE
PDF, EXCEL, OR VIA AUTOMATED EMAIL

EXTENSIVE ASSORTMENT
VEHICLE INFORMATION, LOGBOOKS, USAGE, BENEFITS

Fleet reports

- driving durations per driver or vehicle
- downtime
- kilometers traveled

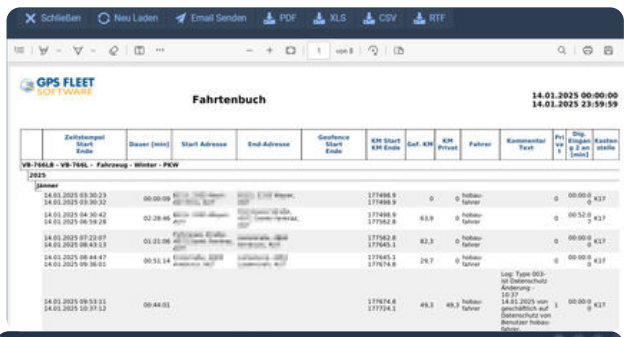
Travel times are assessed on a per-trip, daily, or monthly basis.

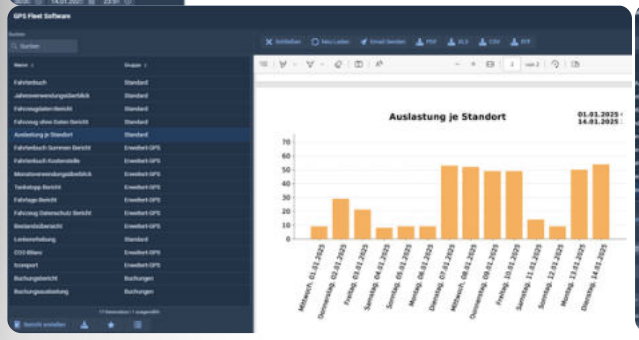
time reports

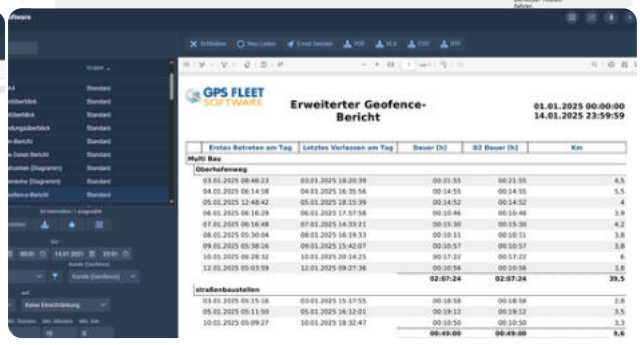
- deployment durations at client locations or on construction sites
- Documentation of duration of stay on premises
- comprehensive analysis of entering or exiting geofence areas

work reports

- Assessment of daily operational hours on construction sites
- Recording and assessment of operating hours for construction machinery, excavators, or construction equipment through telematics.







REPORTS
FLEET MANAGEMENT

SEE MORE

GPS FLEET MANAGEMENT SOFTWARE VIDEO REPORTS

The journey from the initial concept of digitizing the operating hours for our construction machinery to its actual implementation was extensive. Our employees were accustomed to a paper-based system that involved manually recording operating hours and cost centers. Consequently, these construction site reports passed through multiple desks before being entered into the ERP system.
In implementing the digital recording of operating hours, it was essential to access a diverse array of data sources, ranging from the autonomous small device to the telematics device in the excavator, as well as data from the manufacturer's telematics (AEMP). These operating hours are collected daily through interfaces and subsequently transferred to our ERP systems.

construction firm, Germany

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SOFTWARE-MANAGEMENT GmbH

GPS FLEET SOFTWARE

DIGITAL FLEET MANAGEMENT

NEVER MISS AN IMPORTANT DATE AGAIN
INDIVIDUAL LIABILITY

ALWAYS CURRENT
DIGITAL AND SYSTEMATIC

THE DIGITAL VEHICLE FILE

Present data and appointments with clarity. Numerous functions are also accessible without telematics and GPS live tracking:

vehicle information, maintenance details
mileage and operating hours
images, photographs, and documents

In conjunction with telematics, reports (such as a digital logbook), assessments, and travel durations can be retrieved.

TASKS SUMMARY

Task creation
- task management
- evaluation by fleet manager

Recurring assignments
assignments through email to drivers
Color status: DUE, OPEN, COMPLETED

SERVICE REMINDERS

automated scheduling for the §57a admission assessment
Automatic calculation of subsequent appointments based on vehicle types.
Issuing reminders to drivers 30 to 60 days prior to expiration.
Reminders pertaining to operating hours and appointments, including vignette or toll matters.

Fleet managers, or in their absence, the managing directors, are accountable for the safe operation of the vehicle fleet, which encompasses adherence to legally mandated vehicle inspections and the requirement to utilize winter tires. The execution of services must be closely monitored. In the event of accidents or damage resulting from factors such as the absence of winter tires or inadequate tread depth, the vehicle owner—namely, the managing director or fleet manager—may be held personally liable.

Lawyer for fleet law, Vienna

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GPS FLEET SOFTWARE

DIGITAL FLEET MANAGEMENT

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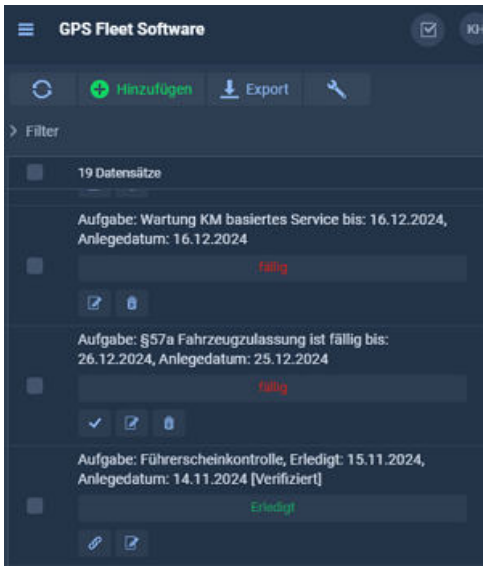
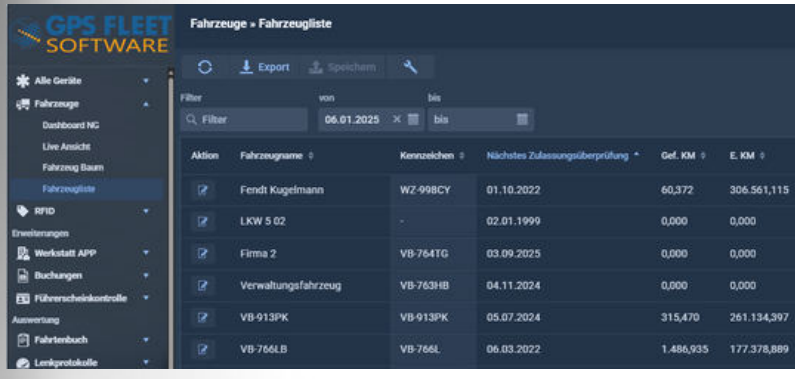
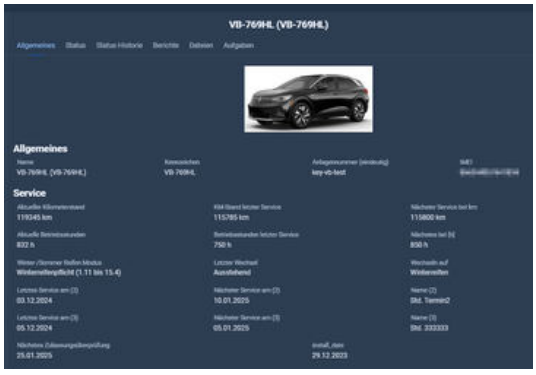
GPS FLEET MANAGEMENT SOFTWARE VIDEO
DIGITAL FLEET MANAGEMENT







GEOFENCE AREAS

FLEET MANAGEMENT

THEFT PROTECTION
ALARMS

WORKING HOURS
CUSTOMER RECORD

- define significant domains
  - client addresses
  - branches
  - construction zones
  - road segments
- Display regions in Live View
- Identify areas and link them with the logbook, alerts, and reports.
- Import and export regions through Excel
- Establishing zones through interfaces

TIME TRACKING

The software's live view displays the vehicles that have most recently entered and exited the geofenced area.

CLIENT VISITS

The duration of stay within the geofence can be accessed in the reports and exported as either PDF or Excel.

GEOFENCE ALARMS

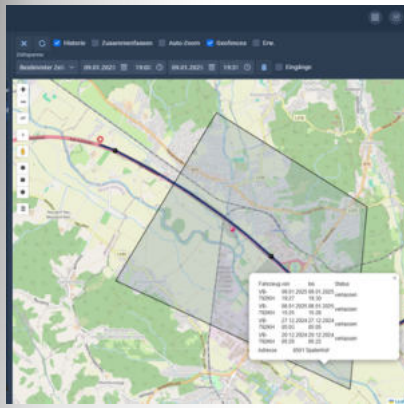
Alarms may be activated upon entry or exit, even beyond regular office hours.

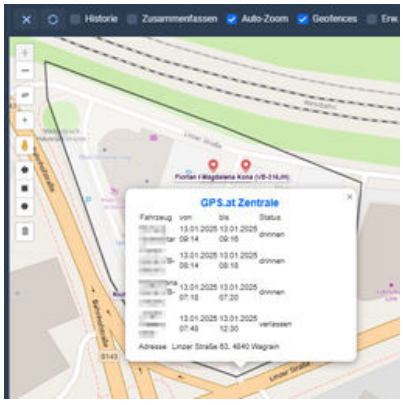
GEOFENCE AREAS

FLEET MANAGEMENT

SEE MORE

GPS FLEET MANAGEMENT SOFTWARE VIDEO GEOFENCE AREAS





DIGITAL DRIVER'S LICENSE CHECK

WITH ARTIFICIAL INTELLIGENCE
DIGITALLY RECORD DRIVING LICENSES

PERSONAL LIABILITY
AS A FLEET MANAGER REDUCE

WHY SHOULD YOU CHECK DRIVER´S LICENSES?

Managing directors or fleet managers are personally liable if employees without a valid driving license are involved in accidents!

STEP 1
Create driver
- driver's license class

STEP 2
automate control
- frequency
- duration of storage

STEP 3
Notify driver
- Request for verification by email

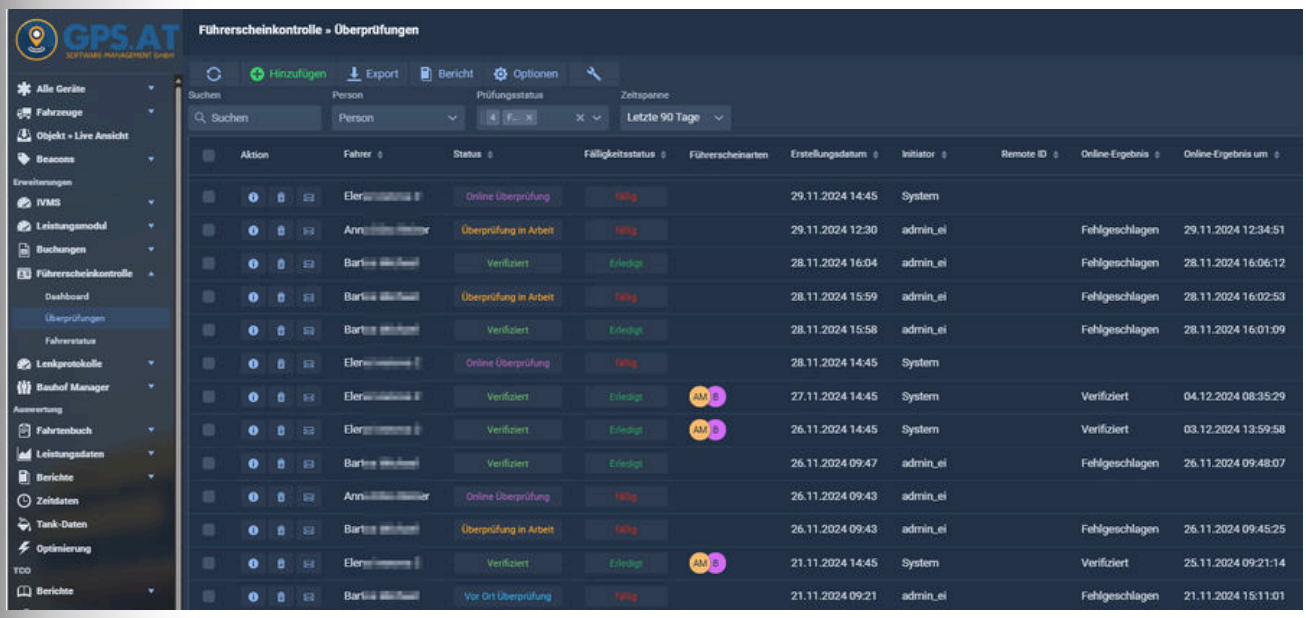
STEP 4
driver's license check
- via web app on the driver's smartphone

FAILED
- Check the driver's license image manually in the software
- Manually release driver's license or initiate on-site verification
- If released manually, the driver will be notified via email

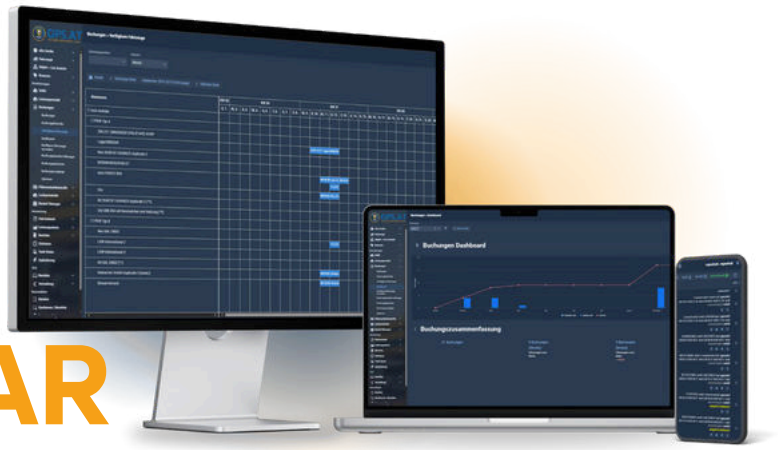
VERIFIED
- Driver is notified
- Data is stored
- Driver's license verification is shown in green in the list

DIGITAL DRIVER'S LICENSE CHECK

SEE MORE



GPS FLEET SOFTWARE VIDEO
DIGITAL DRIVER'S LICENSE CHECK



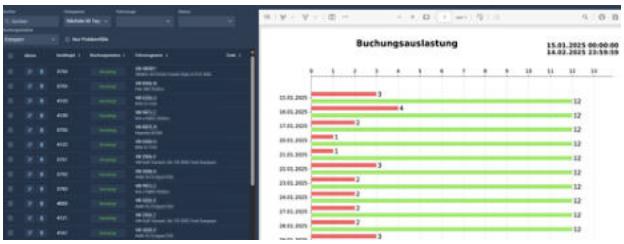
POOL CAR RESERVATION

RESERVATION BY STAFF
SIMPLY ON YOUR SMARTPHONE OR PC

BETTER UTILIZATION
MORE BOOKINGS, LESS EFFORT

- approval workflow adjustable
- Simply report problems with the vehicle
- Can be combined with digital logbook
- booking confirmations and calendar entries
- Bookings can be charged to cost centers
- Electric cars are preferred (for short distances)

daily/weekly/monthly calendar view for processing bookings



track current and planned bookings and estimate future capacity utilization

Evaluate pool vehicle bookings over time

OUR RECOMMENDATION

DIGITAL KEY CABINET

- Enter booking PIN, remove key
- Backup battery - removal even without power
- expandable to 400 keys
- Admin key for fleet managers
- After booking, scan the key and leave it in the locker

POOL CAR RESERVATION

SEE MORE

GPS FLEET MANAGEMENT SOFTWARE VIDEO
RESERVE A VEHICLE USING YOUR MOBILE PHONE

With the pool management system from GPS.at, Wintersteiger has identified the optimal solution.
The colleagues' training occurred through the intranet, and it swiftly became evident that this system is user-friendly. Employees log into the system online to reserve their preferred vehicle at the specified time. Confirmation is both prompt and straightforward.
As a fleet manager, this represents a considerable time savings, as the system automates bookings and alleviates much of my workload. No employee is restricted to a specific timeframe and can collect or return the key at any hour, day or night. Consequently, everyone can organize their business trips in a manner that best suits their needs.
In this regard, Wintersteiger has identified the perfect partner in GPS.at.
.

Wintersteiger Operations GmbH, Upper Austria

BUILDING YARD MANAGER

WINTER SERVICE DISTRIBUTION DATA
DIGITALLY DOCUMENT DISSEMINATING INFORMATION

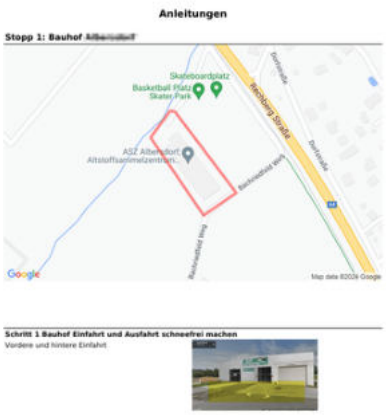
OPERATIONAL STRATEGY
DIGITALLY PLAN WINTER SERVICE TOURS.

GPS TRACKING WINTER SERVICE

GPS tracking devices monitor the deployment of gritting vehicles. Municipal managers can visualize and document the routes taken.

DIGITAL TOUR PLAN

Insert images of the street/work area.
Mark road segments utilizing GPS mapping.
implementation automatically recorded
Print tours in physical format or provide them to the driver digitally.
Navigate the tour route using GPS guidance.



SPREADER DATA

The data from the winter service spreader (spreader ON/OFF, spreading quantities, brine/salt) are documented utilizing the GPS track. Spreading data protocols in accordance with the EN-CEN15430 standard, as well as manufacturer protocols, are feasible. The spreading data is captured through telematics via RS232, detailing spreading quantities in g/m², spreading width, brine proportion, and total spreading quantity.

RED-GREEN ANALYSIS

Completed winter service tours and work sections are indicated in GREEN. Areas that have not yet been visited or treated are marked in RED.

DRIVER'S ITINERARY

- clear itinerary in the standard paper format
- eliminate distractions while driving

COMPATIBLE SPREADER MANUFACTURERS.

KUPPER WEISSER · RAUCH wir nehmen's genau · SPRINGER
AMAZONE · ecotech · HYDRAC KOMMUNAL- UND LANDTECHNIK
Gmeiner a BUCHER company · AEH GROUP · kugelmann

BUILDING YARD MANAGER

SEE MORE

GPS FLEET SOFTWARE VIDEO
PLANNING TOURS

GPS FLEET SOFTWARE VIDEO
BULIDING YARD LIVE

TOTAL COST OF OWNERSHIP

FLEET COST MANAGED EFFECTIVELY
IN SUMMARY, ASSESSING AND CONTRASTING EXPENSES.

MANAGING ACCIDENTS
DOCUMENTATION OF ACCIDENT DAMAGE AND CLAIMS RESOLUTION

MANAGE SERVICE PROVIDERS

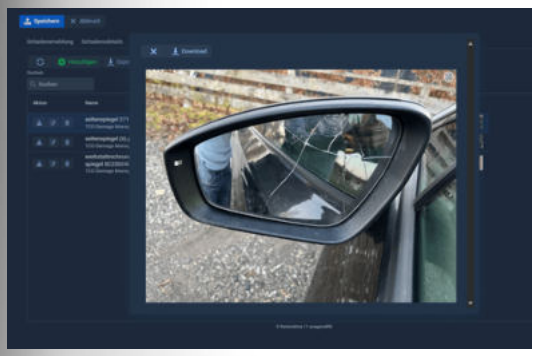
Suppliers, cost bearers, and service providers are established, and data, documents, and contact information can also be stored with the service providers.

EXPANSION OF FLEET SIZE

The TCO module illustrates the evolution of the fleet size, encompassing both newly acquired and deregistered vehicles, over time.

TCO COST CATEGORIES

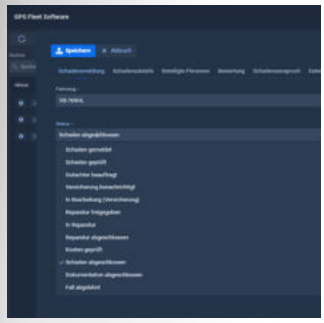
Costs and cost types can be entered in the TCO module or imported through Excel. Recurring costs and costs per 100 kilometers may be configured.

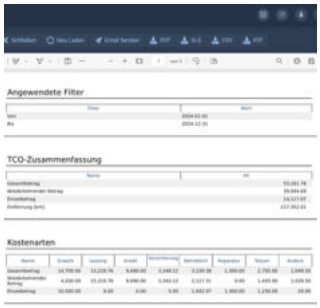


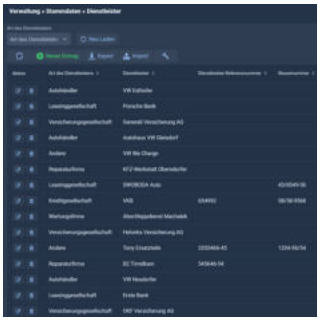
ACCIDENT MANAGEMENT

Accident damage necessitates the submission of numerous documents, and fleet managers invest considerable time in processing claims alongside drivers, workshops, and insurance companies. Fleet managers utilize GPS Fleet software equipped with the TCO module to meticulously document accident damage.

- Establish collaborative workshops involving partners, insurers, and appraisers.
- Upload accident damage along with documentation.
- incident participants
- transparency regarding the current status
- Status: under evaluation, under maintenance, insurance claim resolved
- Cost and Invoice Summary







SEE MORE

TOTAL COST OF OWNERSHIP

GPS FLEET SOFTWARE VIDEO
ACCIDENT MANAGEMET

GPS FLEET SOFTWARE VIDEO
TCO-MODULE

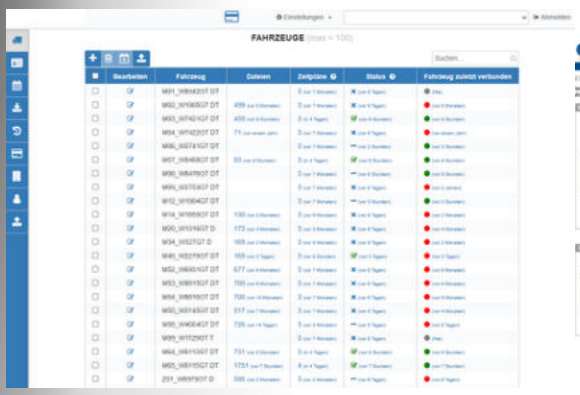
SEE MORE

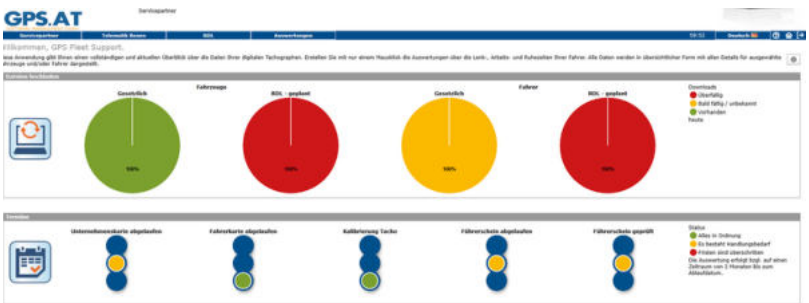
DIGITAL TACHOGRAPH

DOWNLOAD AND ARCHIVING
DOWNLOAD DDD DRIVER DOCUMENTATION.

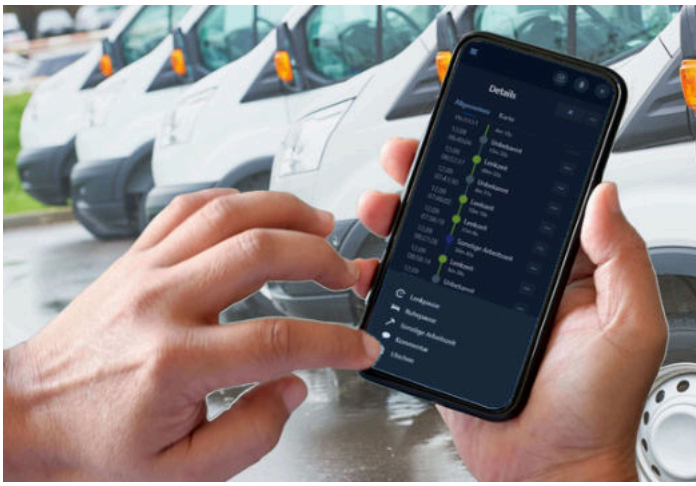
COMPATIBLE WITH INTELLIGENT SPEEDOMETERS
24-VOLT AND 12-VOLT TACHOGRAPHS

- Cutting-edge cloud service infrastructure
- Specialized cable assemblies for seamless connectivity
- monitoring of driving, work, and rest periods
- automated and prompt reading
- LIVE view: current travel duration, upcoming rest period, excessive speed
- Tachograph Data Remote Download Service
- Remotely access, archive, and manage tachometer data.
- Number and categories of violations by month
- professional assessments, alert reports, visual representations, charts





SEE MORE



DIGITAL LINK PROTOCOL

RAPID, STRAIGHTFORWARD, AND PRECISE
WITH GPS SUPPORT, IT IS CONVENIENT FOR DRIVERS.

VERIFIABLE OVERSIGHT
EFFORTLESSLY REVIEW DRIVING LOGS IN THE VEHICLE OR OFFICE.

STEP 1 - TRAVEL DURATION

A telematics device is installed in the vehicle to automatically detect driving and idle times, as well as to register various drivers.

STEP 2 - MOBILE DEVICE

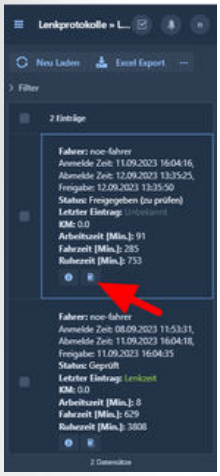
Drivers modify their driving logs using a smartphone.
Standing times are recorded on the smartphone as driving breaks, rest periods, or working hours. Drivers have the option to input additional working hours before or after their trips.

STEP 2 - REGULATION

Driving logs are centrally reviewed, and driver information is amended and verified through a confirmation process.

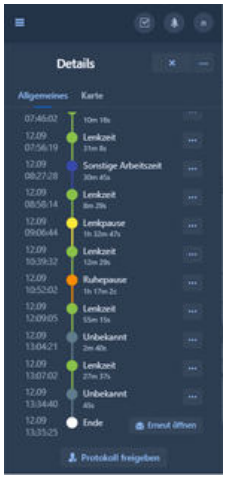
LENKPROTOKOLL OPEN AS A DRIVER

Drivers can access and modify their driving times and breaks using their smartphones.



LENKPROTOKOLL SIGN ELECTRONICALLY

Drivers who are logged in with a username and password can comment on and authorize their own driving logs online following the inspection.



THERE FOR THE LAST 14 DAYS

Drivers consistently have access to the driving logs from the past 14 days on their smartphones for inspection purposes.

SEE MORE

IN VEHICLE MONITORING SYSTEM

DRIVING BEHAVIOR EVALUATION
RED-GREEN-ORANGE POINT SYSTEM

CRITICAL DRIVING STYLE ALERTS
MITIGATE SEVERE ACCIDENT RISK

DRIVING BEHAVIOR EVALUATION

All drivers and vehicles are subject to evaluation.
The quantity of IVMS driving style events incorporated in the evaluation is presented per 100 kilometers.
The formulas used to calculate the rating are adjustable.
The driving style reports can be exported in Excel or PDF format.

HOHES RISIKO

Rote Fahrer haben eine hohe Bewertung (viele Überschreitung pro 100 Kilometer). Sensibilisierung für Fahrstil und Training unbedingt notwendig!

MITTLERES RISIKO

Orange Fahrer haben eine mittlere IVMS-Bewertung (Überschreitung pro 100 Kilometer). Der Fahrstil könnte verbessert werden!

GERINGES RISIKO

Grüne Fahrer haben eine sichere IVMS-Bewertung (fast keine Überschreitung pro 100 Kilometer). Der Fahrstil dieser Fahrer ist sehr gut!

IVMS DRIVING BEHAVIOR EVENTS

The IVMS In-Vehicle Monitoring module of the GPS Fleet software allows for the configuration of various alarms and events.

- Global speed limit
- Road-based speed limit
- Speed limit in company areas
- Abrupt braking
- Rapid acceleration
- Seatbelt violation alert
- Excessive driving durations, prolonged idle times
- SOS emergency button
- Tampering alert
- Night driving alert outside permitted zones

#	Fahrer	Distanz [km]	Starke Beschleunigungen	Beschleunigungen pro 100 km	Starke Bremsmanöver	Starke Bremsmanöver pro 100 km	Gesamtzeit Sitzgurtverletzung [sek]	Max. Geschwindigkeit [km/h]	Gesamtzeit Geschwindigkeitsüberschreitung [sec]	Geschwindigkeit pro 10 Sek. pro KM	Bewertung
	AL SI										
92	Sheil Rahr	181.2	0	0	1	0.6	0	79	0	0	0.6
93	Said Shek	141	0	0	1	0.7	0	107	0	0	0.7
94	Nabi	210.7	0	0	2	0.9	0	72	0	0	0.9
95	Ahm Al Sh	290.1	0	0	3	1	0	101	0	0	1
96	000000003801	187.4	0	0	2	1.1	0	76	0	0	1.1
97	Mohd Ali	186.1	0	0	2	1.1	0	100	0	0	1.1
98	Said K n-1110	312.6	0	0	4	1.3	0	107	0	0	1.3
99	Saleh Muste Omar	245.6	0	0	0	0	0	104	10	4.1	4.1
100	Hilal mohd	208.9	0	0	2	1	0	98	629	301.1	302.1
101	IVMS Techn Tayud	91.6	0	0	0	0	877	79	0	0	957.3
		21,531.7	1		22				639		1,271.8

IVMS EVALUATIONS

The IVMS assessments are employed to analyze and assess driving behavior.
The driving duration of the operators is correlated with the frequency of IVMS events.
Through the red-green-orange evaluations, fleet managers obtain a swift overview of both exemplary and subpar drivers.

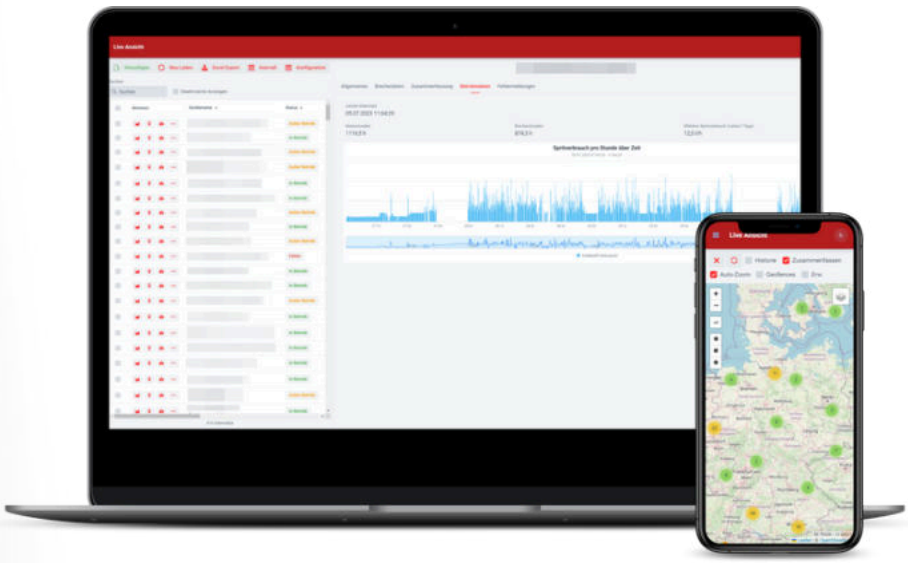
SEE MORE

INTERNET OF THINGS (IOT)

FAST-TIME-TO-MARKET
OPTIMIZED WEB APPLICATION DEVELOPMENT

GLOBALLY DEPLOYABLE
GLOBAL DATA SIM

- Custom web applications and mobile web apps for OEMs. Straightforward use cases, including maintenance and data visualization through dashboards. Rapid design adaptation to align with the manufacturer's branding. Management of resellers and activation of end-user access. Worldwide functionality across various time zones and languages. Secure data transmission utilizing global IoT routers (4G & 5G) and IoT SIM cards.



CONNECT IT BOAT

SMARTPHONE-SOFTWARE
MONITORING VIA THE SMARTPHONE

ALARM
BATTERY, BILGE, VOLTAGE, DEPARTURE POSITION

DIGITALLY OVERSEE BOATS

Connect to your boat and access real-time information on your smartphone. With the boat monitoring system, you can begin immediately and stay informed about your boat's location and battery status at all times.

- Current Position Routes Bilge Pump Battery
- Values

CONNECT-IT-BOAT PARTNER WERDEN

Boat owners seek intelligent, reliable, and advanced solutions for managing their vessels and fleets. With Connect-it-Boat, resellers and boat dealers provide their customers with not merely a product, but a comprehensive solution that enhances efficiency, safety, and control. As a partner in distributing our specialized software, you not only boost your sales but also deliver invaluable added value to your customers.
Contact us today to discover how Connect-it-Boat can assist you in enhancing your market presence!

SEE MORE

INVENTARISIERUNG MIT QR-CODE

VIELSEITIG
BETRIEBSMITTEL, BAUGERÄTE, GERÄTE-FLOTTEN

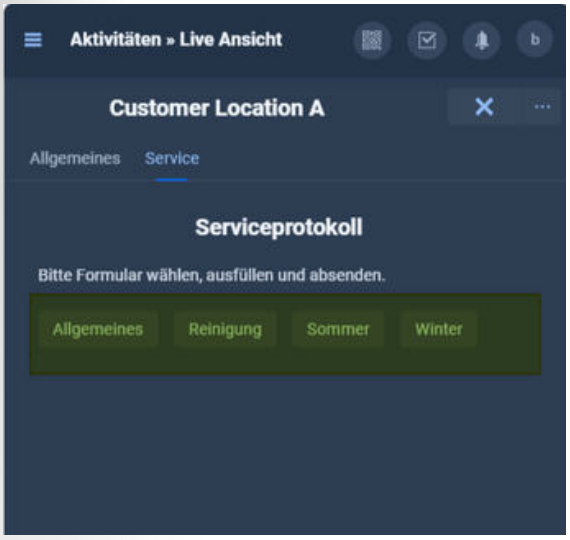
SCHNELL
QR-CODE UNTERWEGS SCANNEN

INVENTARISIERUNG UND DIGITALE DOKUMENTATION

Mittels Smartphone scannen Ihre Mitarbeiter die QR-Codes zur Inventarisierung z.B. auf Gebäuden oder in Fahrzeugen oder auf Ihren Kleingeräteflotten, zum Beispiel immer, wenn neues Inventar auf der Baustelle eintrifft oder diese verlässt.
Wenn der Mitarbeiter den QR-Code erfasst, wird die GPS-Position als Adresse und die aktuelle Uhrzeit in die GPS Fleet Software übertragen.
Die QR-Codes können in der Software verwaltet und für Fahrzeuge, Kleingeräte oder Objekte angelegt werden.

AKTIVITÄTEN, WARTUNGEN, PRÜFUNGEN INVENTARISIEREN

Mitarbeiter unterwegs springen mit dem QR-Code auf das Objekt und führen die notwendigen Prüfungen oder Wartungen durch. Beim Objekt sind vordefinierbare Aktivitäten ausführbar. So können Mitarbeiter z.B. Reinigungstätigkeiten dokumentieren oder Sicherheitsüberprüfungen eintragen.
Die auswählbaren Aktivitäten werden in der Software zentral verwaltet und können online exportiert oder sogar verrechnet werden.



MEHR ERFAHREN

INVENTORY WITH QR CODE

VERSATILE
OPERATING RESOURCES, CONSTRUCTION EQUIPMENT, EQUIPMENT FLEETS

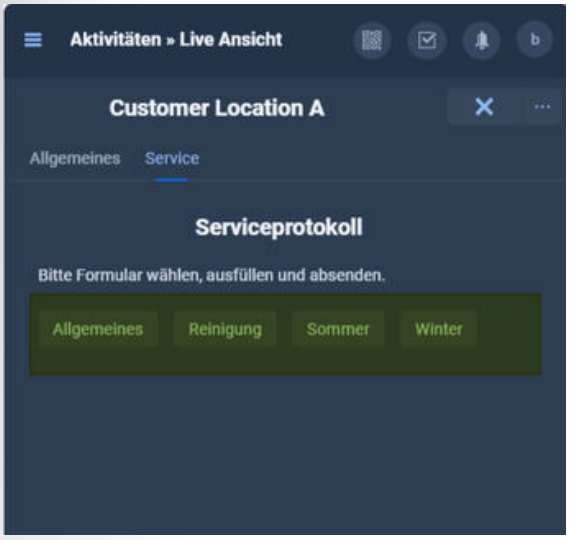
FAST
SCAN QR CODE ON THE GO

INVENTORY AND DIGITAL DOCUMENTATION

Using their smartphones, your employees scan the QR codes for inventory purposes, e.g. on buildings or in vehicles or on your small equipment fleets, for example whenever new inventory arrives at or leaves the construction site.
When the employee scans the QR code, the GPS position is transferred as an address and the current time to the GPS Fleet software.
The QR codes can be managed in the software and created for vehicles, small devices or objects.

ACTIVITIES, MAINTENANCE, INSPECTIONS INVENTORY

Employees on the move can use the QR code to access the object and carry out the necessary inspections or maintenance. Predefined activities can be carried out on the object. For example, employees can document cleaning activities or enter safety checks.
The selectable activities are managed centrally in the software and can be exported online or even invoiced.



SEE MORE

TELEMATICS DEVICES

Here, you will discover an extensive array of robust hardware solutions specifically designed to meet the demands of vehicle fleet management. Each device guarantees accurate data, exceptional reliability, and seamless integration into your operations—ensuring optimal efficiency and transparency.

FLEET-60

A modern and highly adaptable GPS tracking device for corporate vehicles. It integrates exceptional accuracy, reliability, and flexibility with essential enhancements.

FLEET-40

GPS tracking device of the most advanced telematics generation for trucks, winter service vehicles, and buses.

TOOLMATIX

Toolmatix-23 GPS tracking devices offer an ideal solution for monitoring small equipment, construction machinery, vibrating plates, or containers.

BLUETOOTH BEACONS

Monitoring compact devices, such as machinery and tools, that are unable to utilize GPS technology.

SEE MORE

DIGITAL KEYBOX

Lock and unlock your vehicle without a key by utilizing a smartphone application.

DIGITAL KEY CABINET

The Smartbox-09 provides fleet managers with a dependable digital key cabinet for the management of vehicle keys.

LOGBOOK-20

Logbook-20 is linked to the OBDII diagnostic connector of vehicles, including cars and trucks, for the purpose of digital logging or monitoring operational hours.

HEAVY-42

With the Heavy-42 GPS tracking device, construction firms can oversee unattended construction equipment at the job site.

HEAVY-45

The Heavy-45 GPS tracking device enables effortless monitoring of excavators, construction equipment, and construction vehicles.

FLEET-60

The Fleet-60 is a contemporary and highly adaptable GPS tracking device. It merges exceptional accuracy, reliability, and versatility with significant enhancements: engine data via an integrated CANBUS module featuring two CANBUS connections, two additional inputs, driver identification through 1-wire or RFID, and Bluetooth Low Energy.

- Supports 4G (LTE) and 2G (GPRS) for permanent installation of a CANBUS module for mixed fleets. Actual mileage and fill levels are derived from CANBUS data for electric vehicles, passenger cars, and light commercial vehicles. Includes a pluggable cable set for RFID driver recognition, private mode, and CANBUS connection. Supports the reception of Bluetooth beacons (compact devices).

ADDITIONAL INFORMATION

- Internal GPS antenna for an excellent GPS fix via simultaneous GPS and Glonass signals (accuracy < 3 meters)
- Ignition plus two digital inputs (e.g., for private switch, blue light usage, work signals)
- Online sleep mode (approximately 20 mA or less at 12 volts) for extended downtimes
- 2 outputs for driver detection buzzer and driver detection LED.
- Driver identification through 1-wire input (iButton or RFID)
- Highly sensitive GPS/Glonass module (72 channels) for rapid GPS acquisition.

TELEMATICS CABLE SET FOR PLUG-IN USE FOR DRIVER IDENTIFICATION, CANBUS AND PRIVACY TOGGLE

- proprietary wiring harness for telematics installation
- simple and rapid to install
- accessories can be installed and replaced utilizing Molex connectors
- 3 cables (permanent positive, ground, ignition positive) need to be connected
- No issues with erroneous or protracted installations
- featuring Molex connector for a 1-wire RFID reader (100 cm, 6 cables, insulated, 2 connectors) with 1-wire signal, output 1 (red LED, buzzer) and output 2 (green LED, notification)
- featuring a Molex connector for CAN1 and CAN2.
- featuring a Molex connector for a private switch with a red LED.

FLEET-40

The Fleet-40 is a state-of-the-art GPS tracking device designed for trucks, winter service vehicles, and buses. It facilitates data transmission through advanced 4G (LTE Cat 1), 3G (UMTS), and 2G (GSM) technologies. This device merges exceptional accuracy, reliability, and flexibility with essential features, including FMS data, speedometer downloads, RS232 input, and Bluetooth beacons.

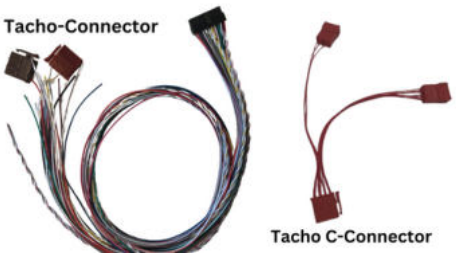
- Supports 4G (LTE) and 2G (GPRS) for fixed installations. Remote tachometer download enables the retrieval and archiving of DDD driver card files. RS232 data dissemination – Bauhof Manager module facilitates the reception of Bluetooth beacons (compact devices).

ADDITIONAL INFORMATION

- 550 mAh internal bridging battery (6-24 hours), external GPS, GLONASS, and Galileo antenna; connection for 1-wire temperature sensors; ignition plus three digital inputs and analog signals; data transmission via mobile networks 4G (LTE Cat 1), 3G (UMTS), and 2G (GPRS).
- 2 outputs for driver recognition buzzer and driver recognition LED. Driver recognition through TACHO data or 1-wire input (iButton or RFID). Tachometer data connection via K-Line, with options for front or rear tachometer connections. Specialized RS232 firmware for processing winter service spreading data.

CABLE ASSEMBLIES FOR SPEEDOMETER CONNECTION

- Facilitate a professional connection to the digital tachograph more efficiently and cleanly than existing pin connections, which can be sustained through a Y-cable.



TOOLMATIX

Toolmatix-23 GPS tracking devices offer an ideal solution for monitoring small equipment, construction machinery, vibrating plates, or containers.

- Highly adaptable and durable on small construction machines, vibrating plates, containers, and trailers. It boasts an exceptionally long operational lifespan spanning several years without battery replacement. GPS/Galileo/Glonass module (72 channels) ensures precise GPS positioning
- stable performance even in extreme temperatures
- low-energy deep sleep mode (10 microamperes), duration: two years with two data points daily

ADDITIONAL INFORMATION

- Durable, waterproof housing constructed from nylon glass, UV-resistant and impact-resistant, with an IP67 rating through a separate seal. The transmission interval can be adjusted for movement (resulting in a shorter runtime). Highly sensitive GPS/Glonass/Galileo module (72 channels) ensures rapid GPS acquisition.

TOOLMATIX 23

TOOLMATIX 42

TOOLMATIX MINI

BLUETOOTH BEACONS

Monitoring compact devices, such as machinery and tools, that are unable to utilize GPS technology.

APPLICATION OPPORTUNITIES

- Tracking small devices that are unsuitable for GPS monitoring
- Oversight and supervision: Who transported which items to which construction sites and at what times?
- Operational documentation: Was it utilized?
- Protection against loss and theft – alarm systems

ADVANTAGES OF BLUETOOTH BEACONS

- extremely compact, waterproof, and temperature-resistant
- effortless wireless installation through adhesive or screws, eliminating the need for wiring
- operates maintenance-free in outdoor environments, without the necessity for costly infrastructure.
- more economical than traditional sensors
- extended battery life, with no requirement for an external power source

COMPARISON OF BLUETOOTH BEACON MODELS

BLUETOOTH BEACON COIN

Lifetime: 3 to 4 years,
diameter: 36 mm,
height 11.5 mm

BLUETOOTH BEACON EYE

Duration: 2-4 years
Dimensions:
56.6 mm x 38 mm x 13 mm

BLUETOOTH BEACON PUCK

Lifespan from 5 to 8 years,
diameter of 57 mm
height 20 mm

LOGBOOK-20

Logbook-20 connects to the OBDII diagnostic port of automobiles or trucks. It serves as a digital logbook for effortless tracking and monitoring of working hours for tradespeople, service technicians, and company vehicles.

- Simply connect to the OBDII diagnostic port, incurring no installation costs
- Accurate mileage and fuel levels for numerous vehicle models, including electric vehicles
- Wireless private-commercial switch, with no installation costs and no drilling required
- Wireless RFID driver identification, with no installation costs and no drilling necessary
- Internal GPS antenna for optimal GPS accuracy through simultaneous GPS and Glonass signals
- Online sleep mode (approximately 20 mA at 12 volts) for extended downtimes
- Contemporary mobile communication standards: Integrated LTE (cat1) and 2G-GPRS modem.

ADDITIONAL INFORMATION

- Internal 170 mAh lithium-ion battery to activate an alarm when the device is disconnected.
- Compatible with 12 volts for automobiles and 24 volts for trucks.
- Space-efficient OBD2 extension cable for unique installation scenarios.

EASY-FIX RFID-02
DRIVER IDENTIFICATION WITH PRIVACY SWITCH FOR OBD2

The new RFID “Easy-Fix RFID-02” wireless RFID reader seamlessly enhances the digital logbook equipped with an OBD2 connector by incorporating a private switch and driver recognition.

Audible alert in the absence of registration

private-commercial exchange

- Can be installed on the dashboard in mere seconds using Velcro
- no installation costs and no drilling required
- batteries last approximately one year, followed by battery replacement
- driver registration is facilitated through RFID chips or RFID cards
- acoustic beep signal provides feedback, complemented by green and red
- LED indicators to denote private or commercial status.

HEAVY-42

With the Heavy-42 GPS tracking device, construction firms can oversee unattended construction equipment at the job site.

- Tracker for construction machines: durable and waterproof, easy installation and a compatible cable set
- GPS monitoring is available even without power for 3 to 4 weeks
- It supports Bluetooth beacons
- it includes an internal cellular antenna for energy-efficient narrowband IoT connectivity
- one input for working signals
- the housing is IP68 rated for robustness

ADDITIONAL INFORMATION

- Dimensions 125 x 80 x 25 mm
- Operating temperature: -30° to +60° Celsius
- internal backup battery (1100 mAh) Lithium Polymer with voltage drop alert

AEMP 2.0 INTERFACE FOR CONSTRUCTION EQUIPMENT DATA

- Central insight and analysis of all pertinent data
- facilitating the management of diverse machine fleets
- compatibility with various manufacturer systems

ZEPPELIN CAT · WIRTGEN · VÖGELE · KOMATSU · WACKER NEUSON

CAT CATERPILLAR · VOLVO Construction Equipment · TAKEUCHI · LIEBHERR · BOMAG FAYAT GROUP

HEAVY-45

The Heavy-45 GPS tracking device enables effortless monitoring of excavators, construction equipment, and construction vehicles.

- tracker for construction machines: Durable and waterproof
- easy installation, cable set features internal LTE (CAT1)/2G (GSM/GPRS) module for data transmission
- supports the reception of Bluetooth beacons (compact devices)
- includes ignition and two digital inputs (engine signal, auxiliary drive)
- installation is user-friendly
- driver identification is facilitated through RFID or iButton

ADDITIONAL INFORMATION

- Dimensions (approximately) 85 x 67 x 26 mm;
- IP67 rated robust housing;
- internal lithium-ion battery (1000mA) with potential software alarm for voltage drop detection.

AEMP 2.0 INTERFACE FOR CONSTRUCTION EQUIPMENT DATA

- central insight and analysis of all pertinent data
- facilitating the management of diverse machine fleets
- compatibility with various manufacturer systems

ZEPPELIN CAT · WIRTGEN · VÖGELE · KOMATSU · WACKER NEUSON

CAT CATERPILLAR · VOLVO Construction Equipment · TAKEUCHI · LIEBHERR · BOMAG FAYAT GROUP

DIGITAL KEY CABINET

With the Smartbox-09, fleet managers receive a reliable digital key cabinet for vehicle key management.

- automate key collection
- secure access to vehicle keys
- intelligent & online use
- ideal for pool car reservation
- simply enter the booking PIN and remove the key
- fleet managers have full access
- easy installation, only power connection is required
- backup battery: remove keys even without power

EXTENSIONS UP TO 400 KEYS

DIGITAL KEY BOX

Locking and unlocking vehicles without a key via smartphone app.

- Unlock/lock vehicle without key
- Insert key into the key box
- close box and place it in the car
- open vehicle via Bluetooth
- no installations/modifications needed
- access control Prevention from unauthorized use
- extremely long battery life

OPEN VEHICLE VIA APP

STEP 1 - BOX

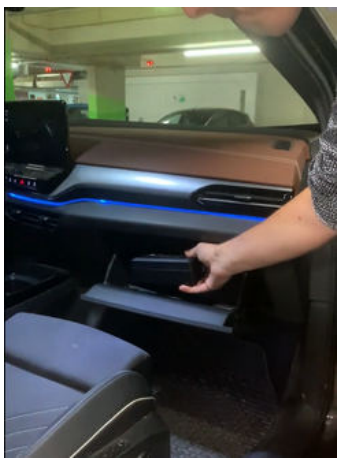
key in the key box

The key boxes are delivered with the appropriate inlay for your vehicle model.

STEP 2 - VEHICLE

key box in the car

It is best to place it near the driver's door, under the seat or in the glove compartment.



STEP 2 - OPEN

Open vehicle with app

The car can now be opened using the smartphone app.