

Asset Configuration

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Asset-Configuration Reiter General

RA-659BC (Asset ID:11054) - Atrack AT1 - 2013-10-29

General Service Alarms Restriction Temp Input & Output Extra Fields Tags Files RFID-Asset

Asset: RA-659BC

Asset Type: Vehicle

Engine Type: Standard Engine

Msisdn / Mob. Nr.: []

IMEI: []

Report Group: []

Fueltype: Diesel

Average Consumption: 10

Tank size (l)*: 80

CO2 [g/km]: 0

Linecolor: #FF0000

Homecountry List (e.g. ARE, AUT, DEU,...): []


No new data from box since: 48 h

Navi Connected

Home Geofence: []

Fuel Loss Limit in % (CAN bus only): 2

E-Mail: []



Select

Exceeding Speed Limit by: 19

Default Speed limit[km/h]: 130

Min. Time Driving Alarm after [min]: 120

Disable in Report

Insurance Expiry Date: 31/10/2013

Vehicle plate expiry date: 29/10/2013

VIN: -

Numberplate: -

Model: -

Out of service

light Vehicle

Save Security Settings

Functions and fields	Description
Window title	Asset name, assetID (in brackets), device type and start of service
Asset name	No special letters please, is shown on the map
Asset-type	Pull down to choose, the symbol is shown in the map
Motor-type	Pull down, for future usage
MSISDN	GSM number of the simcard, it's absolutely necessary that this number is the correct number for the asset. If not, there can be no support
IMEI	Serial number of the device Hint: you can add a vehicle without tracking device by entering "-" in the IMEI field. Vehicles without tracking device can be used for general fleet management purposes.

	If you want to replace the device in the existing vehicle, you can enter a new IMEI and a new or the same GSM number. The old IMEI will be deactivated
Reporting group	All the vehicles in the same reports group can be overview in this module
Fuel size	For tank receipt module and future usage
Average consumption	For tank receipt module and future usage, and CANBUS
Tank volume	For tank receipt module and future usage
CO2 (g/km)	Average CO2 emissions (according to the registration papers) to calculate the total emissions (reports)
Line color	For the History
Home country list	e.g. AUT for Austria, or ARE for United Arab Emirates: when leaving this country, there will be an alarm via email Countries have to be entered in the ISO - form
„No data from box since“	This function is used to find out the vehicles with problems, that didn't send for a while. Choose a timespan, after this timespan with no new GPS fix the device will be shown as yellow/orange For instance, if you set: 3, the vehicle symbol is ORANGE if the software has not received any new data from the device for more than 3 hours. If you set 24 hours, the vehicle will display ORANGE after 24 hours without having received any new data from the device If you set "disabled", the vehicle will never turn yellow
Navigation connected	Activate, if Garmin FMI navigation systems are plugged in (optional)
Home area	This geofence area is the start/end area for tours of the vehicle, optional for the touring module
Tank-Alarm Limit in % (only CANBUS)	Optional and only for CANBUS: The fuel before and after a stop will be compared. The maximum decrease can be defined (at least 10%). Attention! There can be wrong alarms. The accuracy for the value cannot be guaranteed.
Exceeding Speed Limit by	Enter the buffer value for the speed warning <ul style="list-style-type: none"> • If you enter 15, a vehicle on a road with a speed limit of 50 triggers an alarm from 65 km/h • If you enter 50, a vehicle on a road with a speed limit of 50 triggers an alarm from 100 km/h This feature only works in connection with Openstreetmaps street data. If the road data is not available, this limit will not be used.
Standard Limit (km/h)	When the vehicle's speed is over this value, it will be shown in the reports and there will be a speeding
Not in the reports	Activate for deactivating a vehicle for the reports
Insurance date	Date when next insurance renewal is needed
Allowance date	Date when next allowance renewal is needed
Vehicle number	Text field for reports
Model	Text field for reports

Hide in Google Earth Real-Time	Vehicle is hidden when linked in Google Earth.
Not displayed in vehicle list	Hides the vehicle from the entire vehicle list
Archived	Marks the vehicle as an "old" vehicle (e.g. after removing the GPS device) Archived vehicles can be hidden in the options
Email	Used for sending passwords
light Vehicle	IVMS configuration as a light vehicle (in contrast to a heavy vehicle)

Asset-Configuration Reiter Service

Vertrieb 1 (Asset ID:102) - Atrack AT1 - 2014-05-06 - 0 - [imei:Atrack]

General | **Service** | Alarms | Temp | Input & Output | Extra Fields | Files/ Images | RFID-Asset Relation | Driv

Current Odometer (Km Level Now) : 48405.656 Service based on date?

Service based on km?

Km Last Service : 8000 Last Service Date : 17/02/2012

Next service at km : 150000 Next service at : 17/02/2013

Service based on hour?

Operation hours Level Now : 719.5

Hour Last Service : 0

Next Service [h] : 0

Set Font ... Set Font Size ... **B** / **I** / **U** **T**

test

Save

Functions and fields	Description
Current KM	Current Odometer: Value is changeable in the logbook module (only with Admin, changes will be documented)
Service after driven KM	If this option is activated, the next service will be counted by driven KM
KM after last service	Enter the last service for the report
Next service at KM	
Service based on date	If this option is activated, the next service will be counted by date

Last service date	Enter the last service for the report
Next Service date	Enter the next entry for the report and the
Service based on hour	If this option is activated the next service will be shown as operating hours
Operation level hours now	Enter the operation hours. The operation hours will be calculated with the ignition ON signal
Hour last service	Enter the last service for the report
Next service [h]	Enter the next service for the asset report and alarm
Text	Text field

Asset-Configuration Reiter Alarms

The screenshot shows the 'Alarms' configuration window for 'Vertrieb 1 (Asset ID:102) - Atrack AT1 - 2014-05-06 - 0'. The window has several tabs: General, Service, Alarms (selected), Restriction, Temp, Input & Output, Extra Fields, Tags, Files, and RFID-Asset. The 'Alarms' tab contains the following settings:

- Ignition ON : -
- Ignition OFF : -
- SOS Alarm : Email, SMS
- Speeding alarm : Report, View
- Ignition OFF & Movement : Email, SMS
- Wrong Driver : -
- Dig 1 ON Alarm : -
- Dig 1 OFF Alarm : -
- Dig 2 ON Alarm : -
- Dig 2 OFF Alarm : -
- Vehicle Powersupply Alarm : -
- Vehicle Battery Min. [mv] : 15000
- Device Battery Alarm : -
- Device Battery Min. [mv] : 3200
- Usage Alarm by : -
- Usage alarm in : Sat / Sun
- Private KM Limit : -
- Km : 500
- Total KM Limit : -
- Km : 50
- Fuel Loss Alarm : -
- CAN Bus Fuel Loss Alarm : -
- Driving Time Alarm : -
- Alarm E-Mails (, seperated) : info@gpsfleet.at
- Alarm SMS/Call to (, seperated) : +4300000003830

The alarm recipients per vehicle are entered with telephone numbers, **separately entered with +43 ...** The global recipients are entered in the system settings

See Alarms and Events - General Definition

Alert Time Restrictions

Selected alarms can be limited to different time windows. **There is no alarm outside the active time window. The time restriction applies to ALL vehicle alarms.**

Fixed time restrictions can be configured under options.

The above example explained:

Generate all alerts on every Sunday, the whole day from 00:00 to 24:00

Generate all alerts on Monday, Tuesday, Wednesday, Thursday, between 18:00 to 06:00 (on the next day)

Generate all alerts on Friday, Saturday between 14:00 to 06:00 on the next day

Asset-Configuration Reiter Temperature

The temperature alarms are only displayed if there is data for them. The iButton temperature sensors, which are connected to GPS trackers according to the installation instructions, are automatically recognized and do not require any special settings.

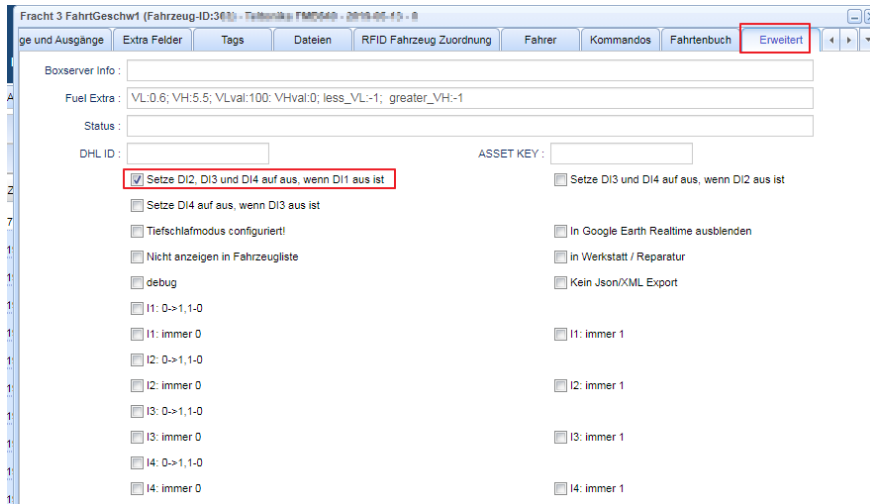
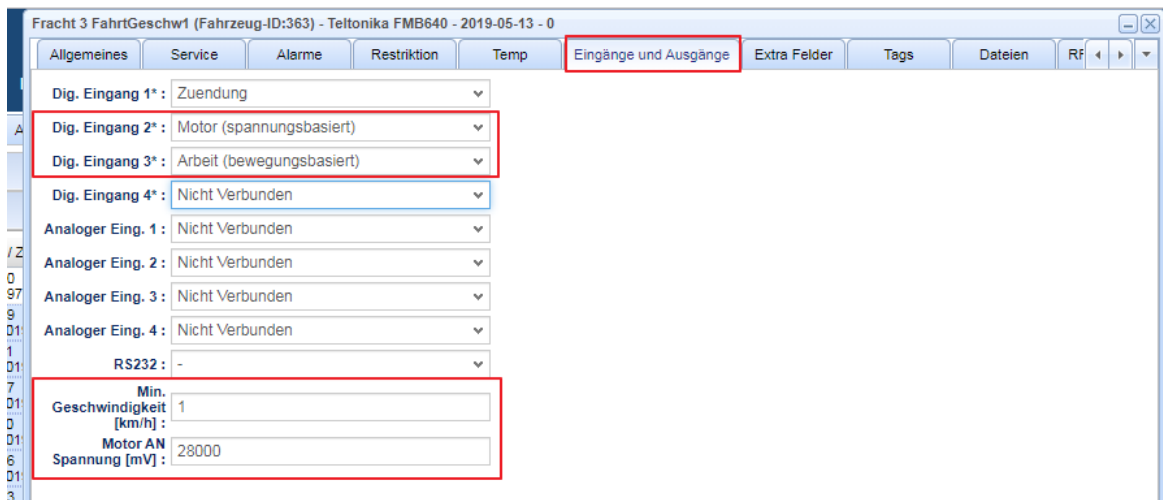
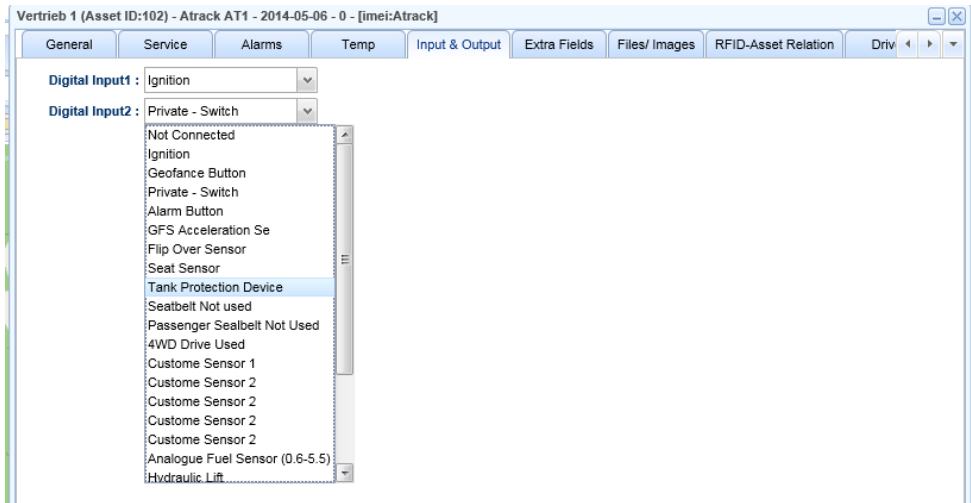
Functions and fields	Description
Min. Temp. Sensor	Temperatures below will trigger alert
Max. Temp. Sensor	Temperatures above will trigger alert
E-Mail or SMS	Select the type of alert
Temp Sensor Limit	Time in minutes that the temperature must exceed the limit before the alarm is triggered

Asset-Configuration Reiter Inputs and Outputs

It is very important to select the right connected inputs & outputs. For each tracking device the right number of available inputs is shown. Please check your tracking box description and installation manuals.

Connecting accessories, sensors, switches or signal inputs to a tracking box means that the signal is connected physically to one of the boxes inputs which must be activated and tested.

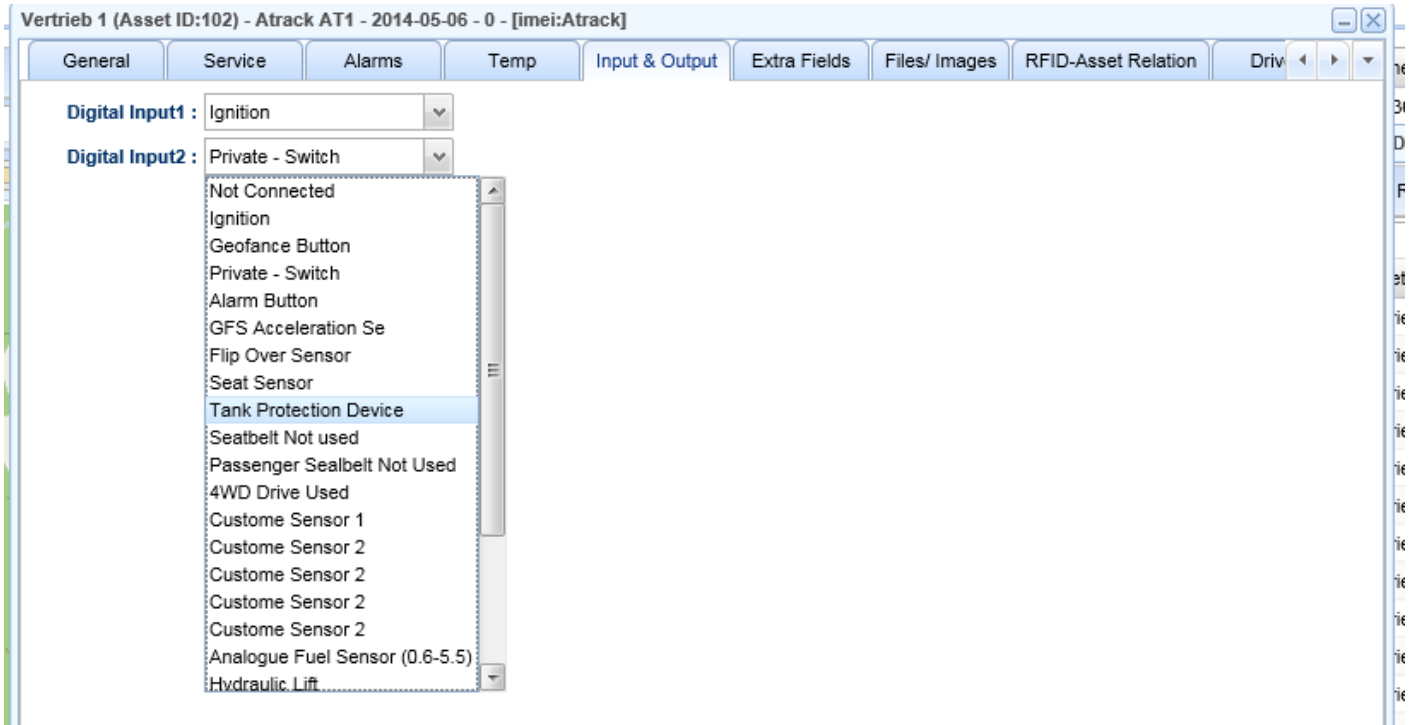
There is an available range of standard accessories that might be connected to the tracking boxes. Please request more information from your sales contact. There is a list of System Inputs that enable different functions and reports of your software.



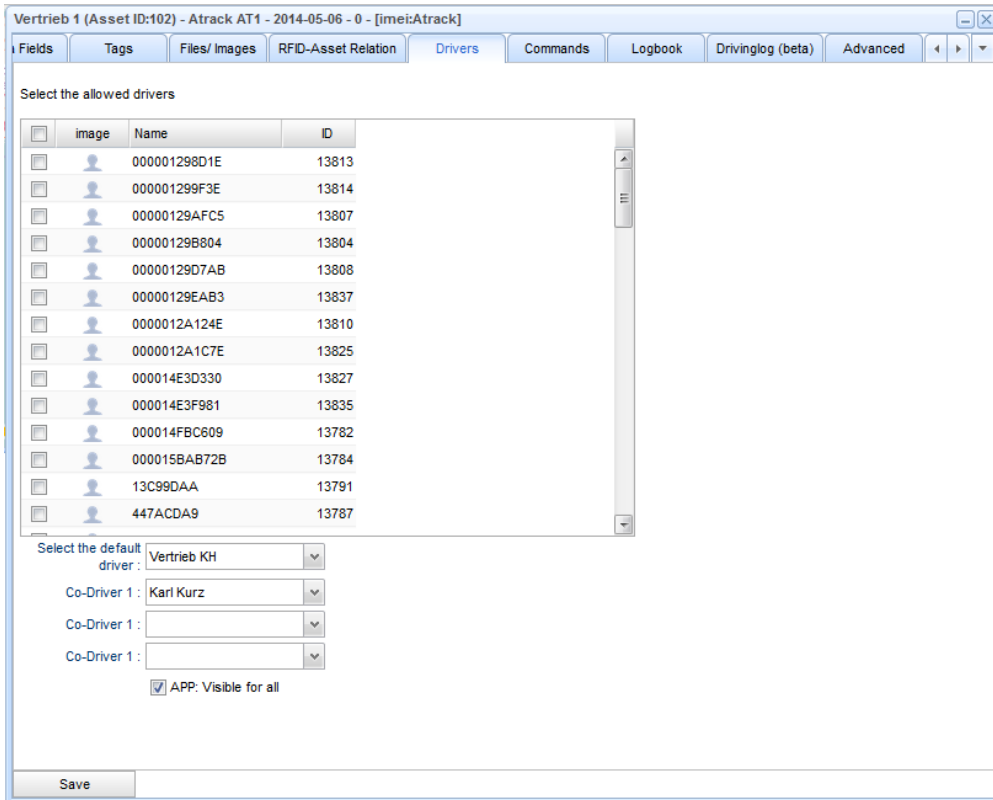
Input or Sensor Name	Input Type	Description	Remarks
Ignition	Digital	Very important. The ignition signal is a key indicator for start and stop of trips. It must be physically connected to the selected digital inputs (and the input must be activated and tested). Ignition signal must be connected to one of the available digital inputs.	Reports and alarms that are based on the ignition signal will NOT work if the ignition is not configured or is configured at the wrong digital input!

		<p>1: Active ignition (vehicle is started)</p> <p>0: Inactive ignition (vehicle is stopped)</p>	
Alarm-Button	Digital	Simple switch to indicate emergency situations. If the switch is activated, this will trigger alerts (email / SMS).	Simple Button
Private/Business Switch	Digital	<p>Switch to differentiate business from private trips in the logbook.</p> <p>0: Business trip</p> <p>1: Private Trip: Addresses are hidden and deleted in the logbook (see options)</p>	Simple toggle switch
New Customer Switch	Digital	Creates a new geofence at the current position.	Simple Button
Tank Protection Device	Digital	Triggers an alarm if there is a fuel loss	Additional feature – Tank-Protection Device required
Other Input Signals	Digital	Are evaluated or displayed as a power take-offs when the signal is active	Connection to free input
Analogue Fuel Sensor	Analogue	<p>Shows the fuel level between 0,5 and 5,5 volt analogue voltage</p> <p>The configuration is entered in Reiter "Asset-Configuration > Advanced</p> <p>Beware of inaccuracies</p>	Analogue voltage connection
Motor (based on voltage)	Virtual	<p>Most modern tracking devices transmit the current on-board voltage that comes from steady plus. When the engine is ON, the voltage is usually higher, e.g. 28000 mV and the motor input (based on voltage) can be set to ON and evaluated in a report.</p> <p>Make sure that the minimum voltage drops below limit after the engine is switched off. If this is not the case, the advanced function for input 1 (ignition) OFF can also be used to set the engine or work to OFF.</p>	<p>Minimum voltage for motor ON must be set correctly for the vehicle</p> <p>Check the correctness of the signal</p> <p>If necessary, set input OFF when ignition is OFF</p>
Work (based on voltage)	Virtual	<p>Most modern tracking devices transmit the status of a motion sensor. With movement ON the input work can be set to ON and evaluated in a report.</p> <p>Make sure that the signal goes OFF after the movement has ended. If this is not the case, the input for work can also be set to OFF via the extended function at input 1 (ignition) OFF.</p>	<p>Motion sensor must send valid data (asset-configuration)</p> <p>Check the correctness of the signal</p> <p>If necessary, set input OFF when ignition is OFF</p>
Minimum Speed	0 or 1 or higher	<p>Standard = 0 ... Logbook entries start with ignition ON (regardless of speed) and end with ignition OFF</p> <p>1 or higher ... Logbook entries only start if the ignition is ON and if the speed is 1 or higher. This means there are NO stopping times with ignition ON in the logbook. Logbook entries are purely driving times (without stopping times).</p>	

RS232 Configuration for Municipal Service and special devices (e.g. RFID Reader via RS232)



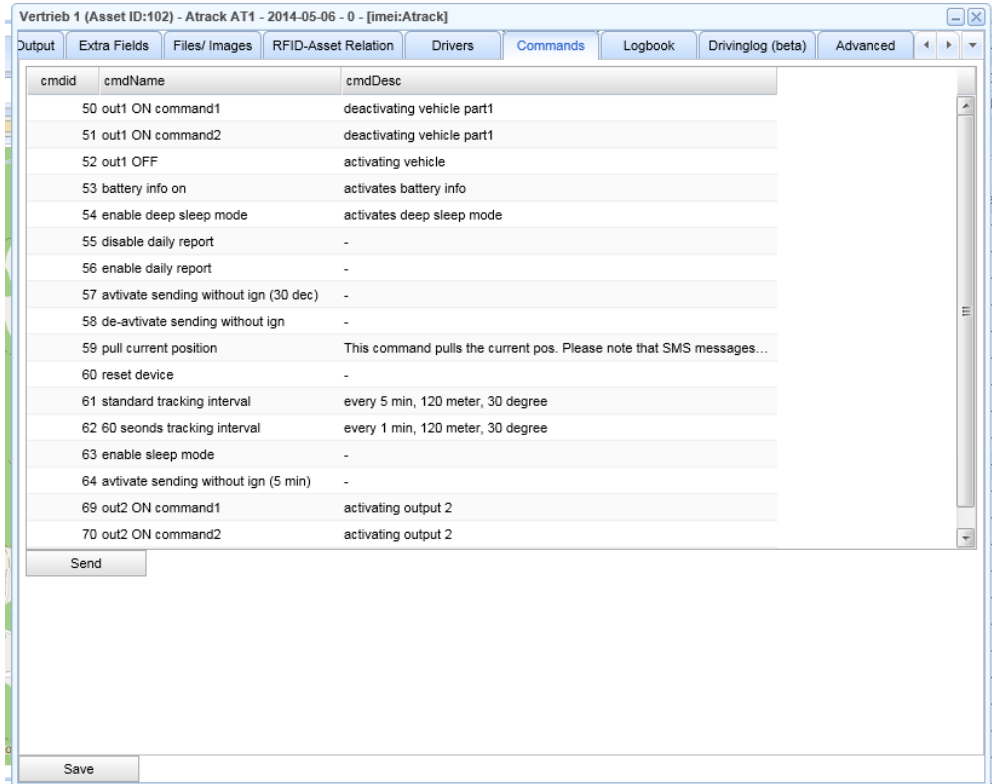
Asset-Configuration Reiter Driver



Functions and fields	Description
Select the allowed drivers	In the upper list you can select more standard drivers with the check boxes to allow them to drive the vehicle.
Select the default driver	

	In the lower pull down you can select the driver that is the active driver for the next trip. t
Select co-driver 1-3	They are useful for time attendance reasons
App visible for all	If this option is checked, the asset is visible for all smartphone app users If this option is not checked, the asset is only visible for selected drivers.

Asset-Configuration Reiter Action Commands



Choose a command from the list and click „SEND“

Functions and fields	Description
Deactivating vehicle part1	Relais on output with AT1 / AT5 needed
Deactivating vehicle part2	Relais on output with AT1 / AT5 needed
activating vehicle	Relais on output with AT1 / AT5 needed
activates battery info	For AT1/AT5: Overview of the power input in millivolt. (example: 12000 mV for 12 Volt) Overview of the battery in millivolt (example: 4200 mV for fully loaded)
Deep Sleep Mode	To activate the deep sleep mode, for saving power, devices are not reachable via SMS, ignition and movement wakes up the device.

Asset-Configuration Reiter Logbook

Vertrieb 1 (Asset ID:102) - Atrack AT1 - 2014-05-06 - 0 - [imei:Atrack]

Output Extra Fields Files/ Images RFID-Asset Relation Drivers Commands **Logbook** Drivinglog (beta) Advanced

Merge Short Trips Logbook [sec]: : 30

Term long trips [h]: : 24

Idle/Speed/io Splittime in min - longer are splitted [min]: : 15

Trips from private to private geofences are private (private switch has no effect)

Trips from private to business geofences are private (private switch has no effect)

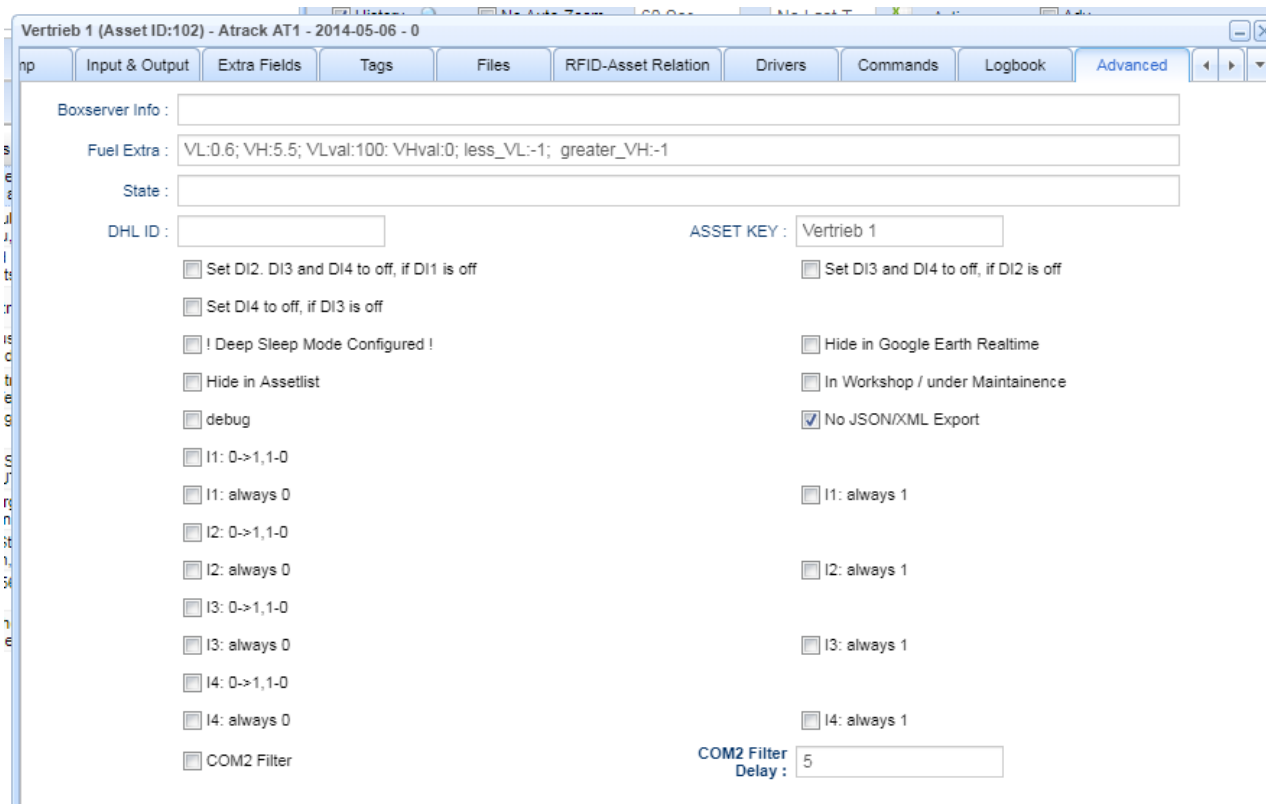
Trips from business to private geofences are private (private switch has no effect)

Trips from business to business geofences are business (private switch has no effect)

Stop trips if ignition is ON and speed is 0

Functions and fields	Description
Merge short trips logbook (sec)	Trips with very short waiting times in between will be merged in the logbook
Term long trips	Trips over x hours will be terminated, for example, if a vehicle is waiting longer, but couldn't send a stop.
Idle/Speed/io Splittime in min – longer are splitted	If the last point is an idle time, the idle time will be interrupted if new data is missing for more than x minutes
Stop trips if ignition is ON and speed is 0	If the vehicle is standing longer and doesn't deactivate the ignition, there will be no stop in the logbook, but 2 positions at once with speed = 0 km/h
Trips from private to private geofence areas are private	If the trip starts in a private geofence area and ends in a private geofence area, the trip is private in the logbook
Trips from private to business geofence areas are private	If the trip starts in a private geofence area and ends in a business geofence area, the trip is private in the logbook
Trips from business to private geofence areas are private	If the trip starts in a business geofence area and ends in a private geofence area, the trip is private in the logbook
Trips from business to business geofence areas are private	If the trip starts in a business geofence area and ends in a business geofence area, the trip is business in the logbook

Asset-Configuration Reiter Advanced



The boxserver info handles how the server will process the driver identification for this asset:

- logoutmode=0 ... No beep, no logout (driver remains identified in)
- logoutmode=1 ... Beep, logout at night (new identification on the next day)
- logoutmode=2 ... Beep, logout at stop Biepsen (new identification at every stop)
- logoutmode=3 ... Beep, no logout (Driver remains identified)

The correct logoutmode must be inserted in the field "Boxserver Info" of the asset configuration.

Function	Description
Light Vehicle	The configuration is influencing the Red-Amber-Green speed limits.
Speed profile	Used for tour optimization
Working area	Future use for tour optimization
ID of the device	Unique ID in a third-party system
Deep sleep mode configured	Optional, not for all tracking devices available Only for your information if the deep sleep mode has been activated
Hide in Google Earth Real-Time	Asset will be hidden if linked with Google Earth.
Hide in asset list	Activate in order to hide in the General Asset List
Out of service	This asset will now be shown in the software if the option is activated under options
Workshop/maintenance	The asset will be shown in GREY color