

# 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: 35 [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

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
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<b>Window title</b>	Asset name, assetID (in brackets), device type and start of service
<b>Asset name</b>	No special letters please, is shown on the map
<b>Asset-type</b>	Pull down to choose, the symbol is shown in the map
<b>Motor-type</b>	Pull down, for future usage
<b>MSISDN</b>	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
<b>IMEI</b>	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
<b>Reporting group</b>	<b>All the vehicles in the same reports group can be overview in this module</b>
<b>Fuel size</b>	For tank receipt module and future usage
<b>Average consumption</b>	For tank receipt module and future usage, and CANBUS
<b>Tank volume</b>	For tank receipt module and future usage
<b>CO2 (g/km)</b>	Average CO2 emissions (according to the registration papers) to calculate the total emissions (reports)
<b>Line color</b>	For the History
<b>Home country list</b>	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
<b>„No data from box since“</b>	<b>This function is used to find out the vehicles with problems, that didn't send for a while.</b>  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
<b>Navigation connected</b>	Activate, if Garmin FMI navigation systems are plugged in (optional)
<b>Home area</b>	This geofence area is the start/end area for tours of the vehicle, optional for the touring module
<b>Tank-Alarm Limit in % (only CANBUS)</b>	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.
<b>Exceeding Speed Limit by</b>	Enter the buffer value for the speed warning  <ul style="list-style-type: none"> <li>• If you enter 15, a vehicle on a road with a speed limit of 50 triggers an alarm from 65 km/h</li> <li>• If you enter 50, a vehicle on a road with a speed limit of 50 triggers an alarm from 100 km/h</li> </ul> This feature only works in connection with Openstreetmaps street data. If the road data is not available, this limit will not be used.
<b>Standard Limit (km/h)</b>	When the vehicle's speed is over this value, it will be shown in the reports and there will be a speeding
<b>Not in the reports</b>	Activate for <b>deactivating</b> a vehicle for the reports
<b>Insurance date</b>	Date when next insurance renewal is needed
<b>Allowance date</b>	Date when next allowance renewal is needed
<b>Vehicle number</b>	Text field for reports
<b>Model</b>	Text field for reports
<b>Hide in Google Earth Real-Time</b>	Vehicle is hidden when linked in Google Earth.

<b>Not displayed in vehicle list</b>	Hides the vehicle from the entire vehicle list
<b>Archived</b>	Marks the vehicle as an "old" vehicle (e.g. after removing the GPS device) Archived vehicles can be hidden in the options
<b>Email</b>	Used for sending passwords
light Vehicle	IVMS configuration as a light vehicle (in contrast to a heavy vehicle)

## Asset-Configuration Reiter Service

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



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

**Restriction**

Description: This options can be used to define, which Time/Day/Date requirements are needed for the object to be active. By default the object is active if one requirement is met, if you wish you can change this by clicking the checkbox beneath.

All requirements needed

Description: This options define the periods within one week for which the object is active (if not enabled, the options don't affect the object)

Enabled

from: 00:00 Day: Sunday to: 24:00 Day: Sunday

from: Day: Monday to: Day: Monday

Description: This options define the periods of a day for which the object is active and also on which weekdays this periods should be considered (if not enabled, the options don't affect the object)

Enabled

from: 18:00 to: 06:00  mon  tue  wed  thu  fri  sat  su

from: 14:00 to: 06:00  mon  tue  wed  thu  fri  sat  su

Description: This option allows you to select a premade restriction.

Date/Time Restriction: No Restriction

Description: This option defines a period in which the object should be active (if not enabled, the options don't affect the object)

Enabled

From Date: Nov 11 2015 To Date: Nov 11 2015

Feb 2016

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21

Description: At this calendar you can manually select single days at which the object should be active.

Save

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

**Asset Sharan FM42 - Teltonika FM4200 - 2011-04-05 - 0**

**Temp**

Min. Temp Sensor 1 -100 [degree]

Max. Temp Sensor 1 [°]: 500

Email  SMS

Email  SMS

Temp Sensor 1 Limit: 0

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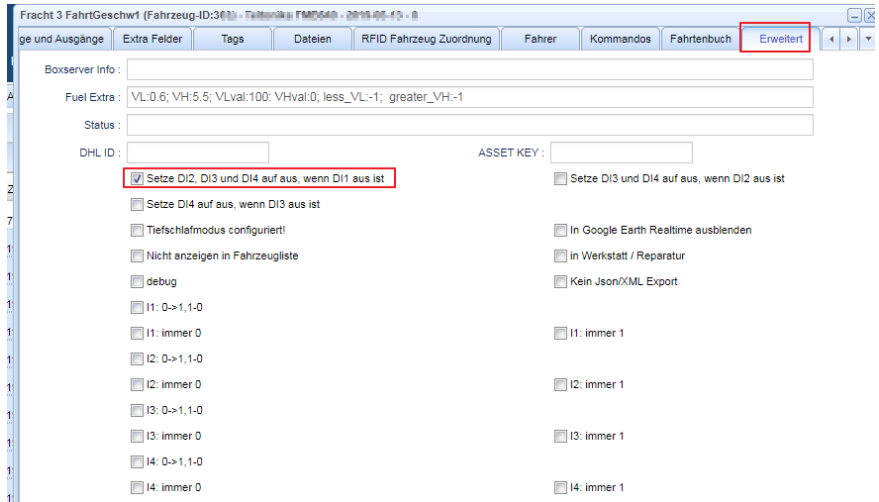
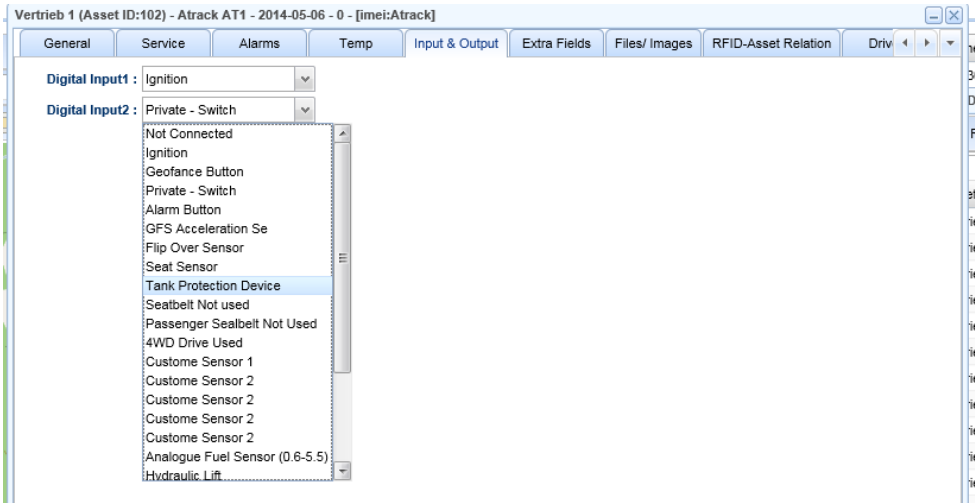
<b>Min. Temp. Sensor</b>	Temperatures below will trigger alert
Max. Temp. Sensor	Temperatures above will trigger alert
E-Mail or SMS	Select the type of alert
Temp Sensor Limit	Time in minutes that the temperature must exceed the limit before the alarm is triggered

## 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.

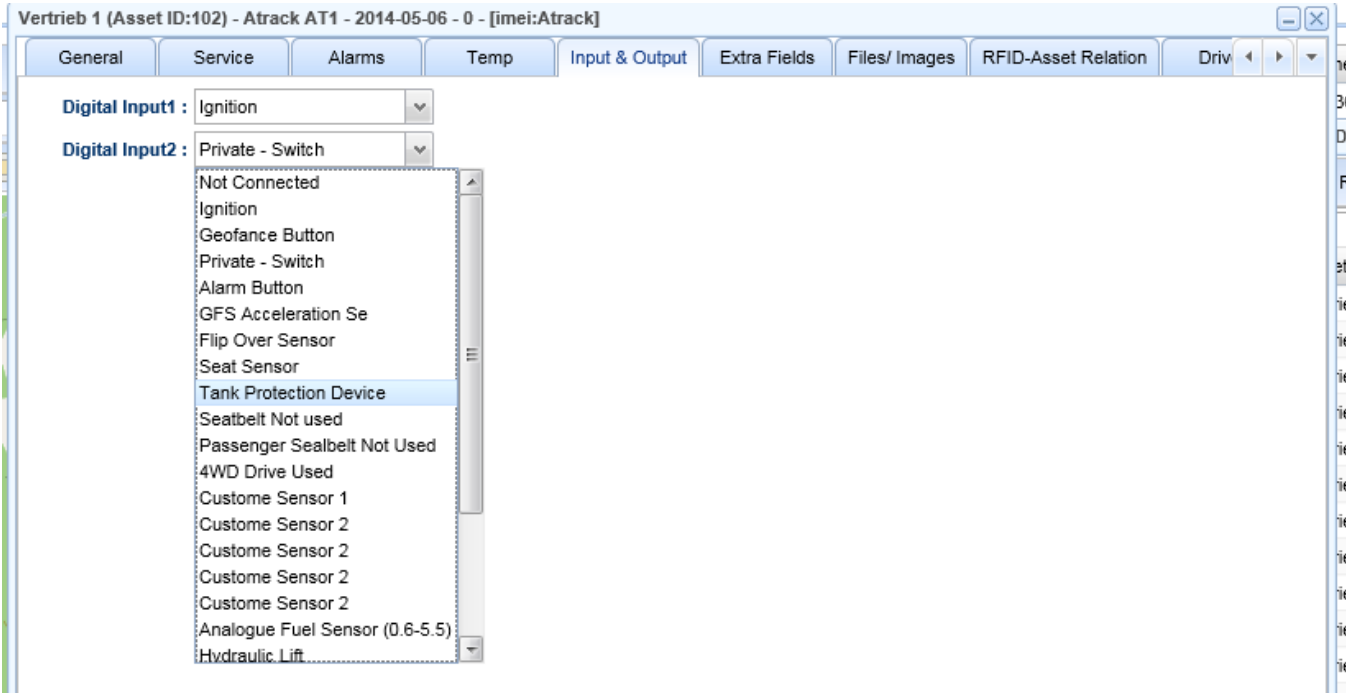


Input or Sensor Name	Input Type	Description	Remarks
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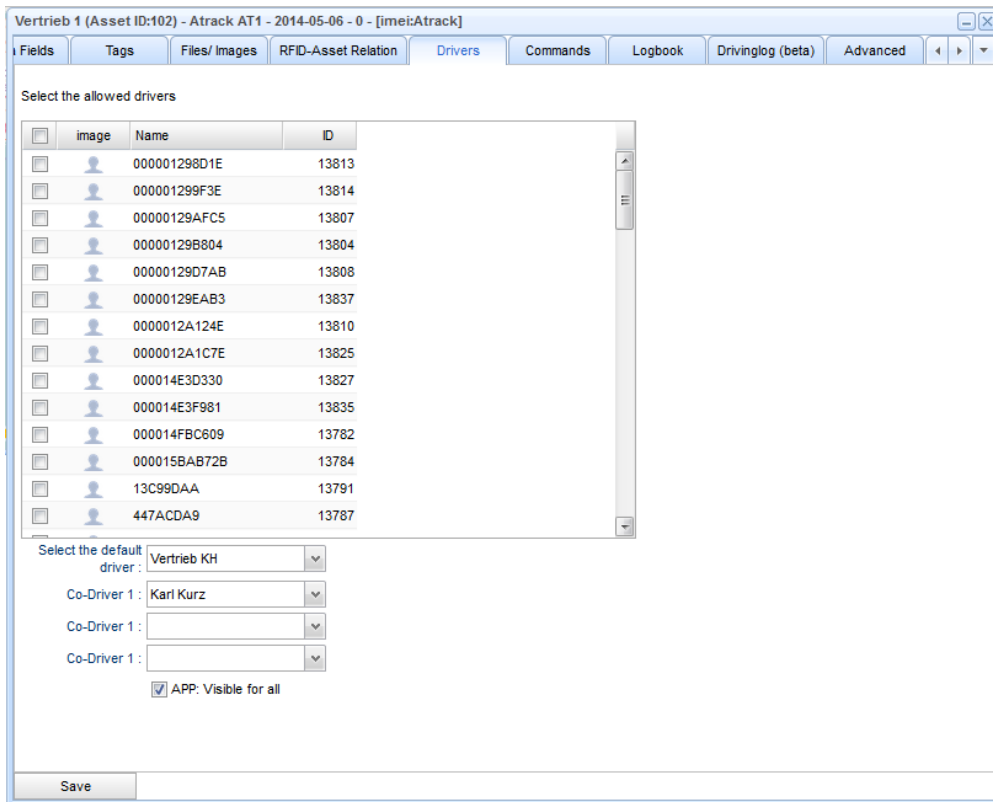
<b>Ignition</b>	Digital	<p><b>Very important.</b></p> <p>The ignition signal is a key indicator for start and stop of trips. It must be physically connected to the selected digital inputs (and the input must be activated and tested).</p> <p>Ignition signal must be connected to one of the available digital inputs.</p> <p>1: Active ignition (vehicle is started)</p> <p>0: Inactive ignition (vehicle is stopped)</p>	<p>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>
<b>Alarm-Button</b>	Digital	Simple switch to indicate emergency situations. If the switch is activated, this will trigger alerts (email / SMS).	Simple Button
<b>Private /Business Switch</b>	Digital	<p>Switch to differentiate business from private trips in the logbook.</p> <p>0: Business trip</p> <p><b>1: Private Trip: Addresses are hidden and deleted in the logbook (see options)</b></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 &gt; Advanced</p> <p>Beware of inaccuracies</p>	Analogue voltage connection
<b>Motor (based on voltage)</b>	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>
<b>Work (based on voltage)</b>	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>
<b>Minimum Speed</b>	0 or 1 or higher	<p>Standard = 0 ... Logbook entries start with ignition ON (regardless of speed) and end with ignition OFF</p> <p><b>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).</b></p>	

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





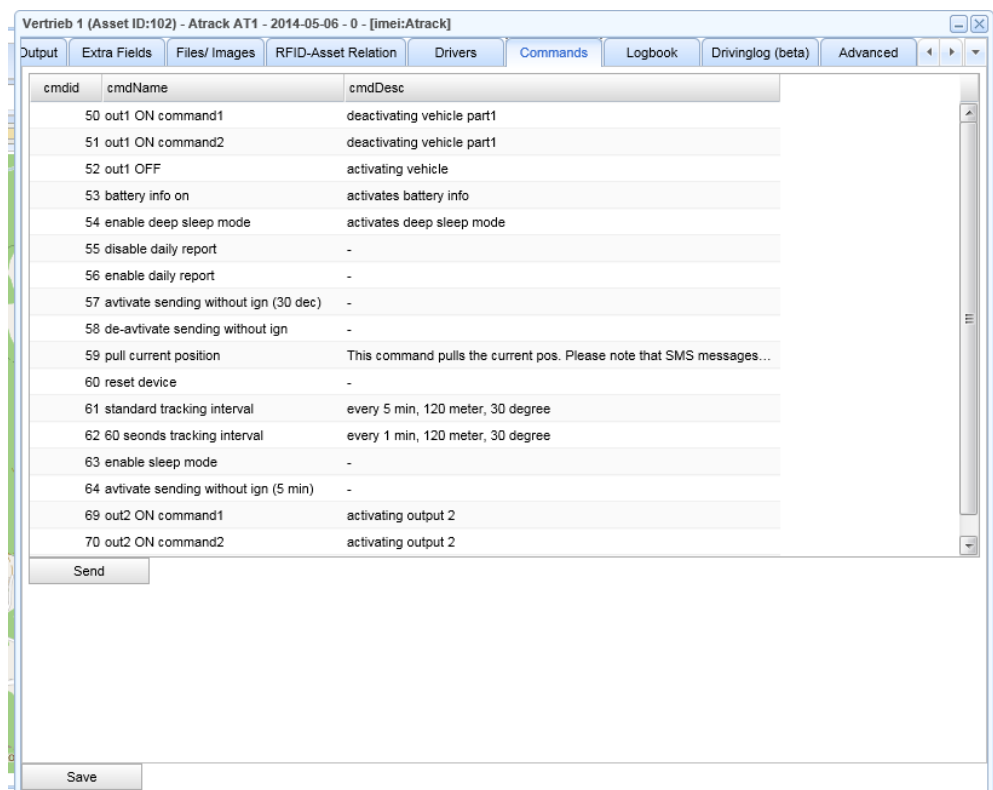
## Asset-Configuration Reiter Driver



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.

<b>Select co-driver 1-3</b>	They are useful for time attendance reasons
<b>App visible for all</b>	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
<b>Deactivating vehicle part1</b>	Relais on output with AT1 / AT5 needed
<b>Deactivating vehicle part2</b>	Relais on output with AT1 / AT5 needed
<b>activating vehicle</b>	Relais on output with AT1 / AT5 needed
<b>activates battery info</b>	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)
<b>Deep Sleep Mode</b>	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
<b>Merge short trips logbook (sec)</b>	Trips with very short waiting times in between will be merged in the logbook
<b>Term long trips</b>	Trips over x hours will be terminated, for example, if a vehicle is waiting longer, but couldn't send a stop.
<b>Idle/Speed/io Splittime in min – longer are splitted</b>	If the last point is an idle time, the idle time will be interrupted if new data is missing for more than x minutes
<b>Stop trips if ignition is ON and speed is 0</b>	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
<b>Trips from private to private geofence areas are private</b>	If the trip starts in a private geofence area and ends in a private geofence area, the trip is private in the logbook
<b>Trips from private to business geofence areas are private</b>	If the trip starts in a private geofence area and ends in a business geofence area, the trip is private in the logbook
<b>Trips from business to private geofence areas are private</b>	If the trip starts in a business geofence area and ends in a private geofence area, the trip is private in the logbook
<b>Trips from business to business geofence areas are private</b>	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

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

Input & Output | Extra Fields | Tags | Files | RFID-Asset Relation | Drivers | Commands | Logbook | **Advanced**

Boxserver Info :

Fuel Extra : VL:0.6; VH:5.5; VLval:100; VHval:0; less\_VL:-1; greater\_VH:-1

State :

DHL ID :  ASSET KEY : Vertrieb 1

Set DI2, DI3 and DI4 to off, if DI1 is off  Set DI3 and DI4 to off, if DI2 is off

Set DI4 to off, if DI3 is off

! Deep Sleep Mode Configured !  Hide in Google Earth Realtime

Hide in Assetlist  In Workshop / under Maintenance

debug  No JSON/XML Export

I1: 0->1,1-0  I1: always 1

I1: always 0  I2: always 1

I2: 0->1,1-0  I2: always 1

I2: always 0  I3: always 1

I3: 0->1,1-0  I3: always 1

I3: always 0  I4: always 1

I4: 0->1,1-0  I4: always 1

I4: always 0

COM2 Filter

COM2 Filter Delay :

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