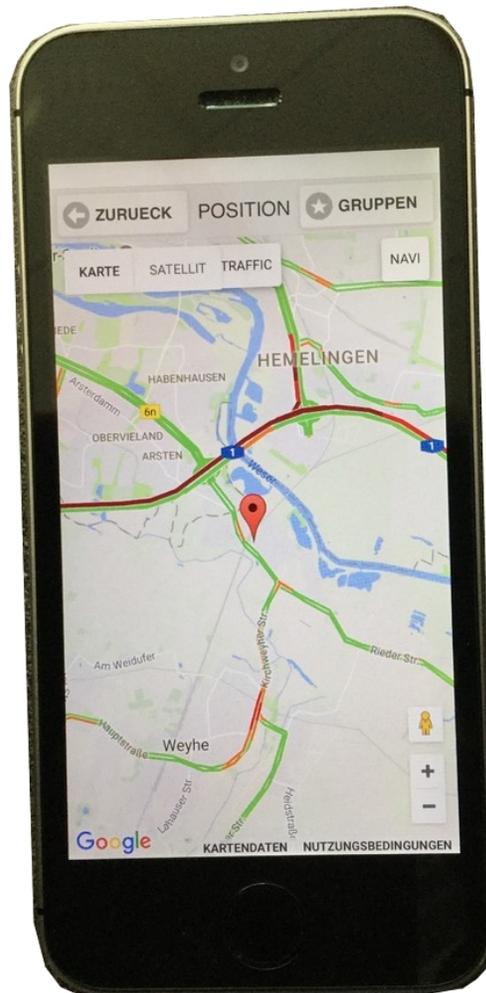


← BACK

GROUPS

★ GROUPS

Obserwando mobile



Manual



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info@obserwando.de · © 2007, Röslер Software-Technik GmbH

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**You can quickly go to a specific chapter
by clicking on it in the table of contents.**

1. Introduction

Dear user,

this document is a short manual for "Obserwando mobile". With "Obserwando mobile" you are getting theft protection, data collection and access control for your vehicles, machines, platforms, etc. To keep things simple we will use the term "machine" for all of them. To use "Obserwando" you need to equip your machines with our data collection devices.

With the app you can then monitor and control your machines.

The manual will explain step by step how the app works.

Please do not hesitate to contact us if you have any questions or problems. You can find our contact details on the [last page](#).

2. Registration/Overview

To use "Obserwando mobile" you need to download the app from e.g. the Google Play Store.

The credentials you will receive from your admin.

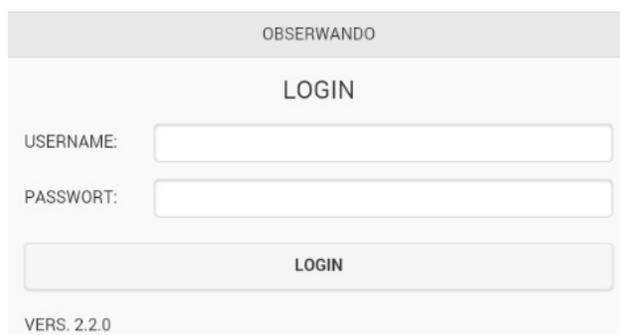
You are the admin and need credentials?

You will get them from the company Rösler (see [last page](#)).



The app is available Android, iOS and Windows 10.

The newest version of the app can be downloaded from the store for Android, iOS or Windows mobile.



After you have installed the app and received your credentials you can use the app.

It is important that you activate the bluetooth function on your device because this is required to use the app.

After opening the app you will see the login screen.

Here you need to enter your credentials. Then click on "Login".



3. Home page

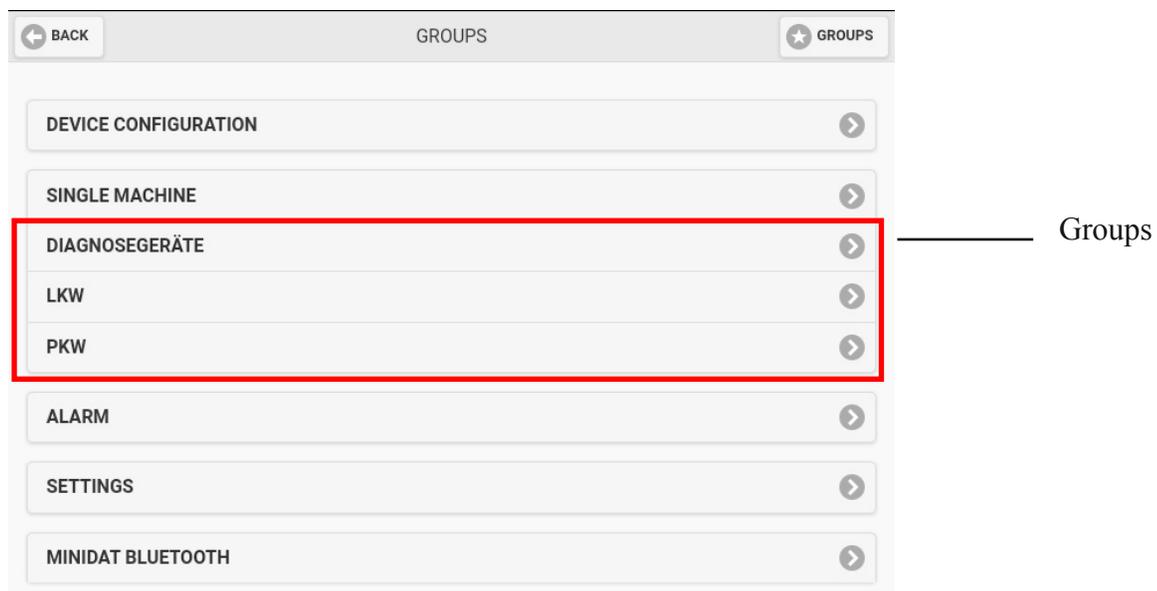
After logging in with your credentials you will see the homepage of the app.



By clicking on the "back" button in the header of the homepage you can return to the login screen.

The homepage gives an overview of the possibilities the Obserwando app provides.

You can go to the individual parts of the app like "[Device Configuration](#)", "[Single machine](#)", "[Alarm](#)", "[Settings](#)" and "[miniDaT bluetooth](#)" by clicking on the corresponding buttons. You can create groups for machines of the same type such as cars. The example contains the groups "Diagnosegeräte" and "PKW". After creating a group you will see it on the home page.



The rest of the manual will explain the the individual part in more detail.

If you click on next, the device configuration of the registered device opens. Here you can enter, for example, the device name, vehicle registration number and operating hours for the device. You can also assign the device to a group. The device type is automatically determined by the server.

← BACK
DEVICE CONFIGURATION
★ GROUPS

DEVICE TYPE: EQTRACE TD

SERIAL NO.:

DEVICE NAME*:

GROUP: TORSTEUERUNG ▼

⊕ SERVICE 1 FOR INPUT 1

⊕ SERVICE 2 FOR INPUT 2

⊕ SERVICE 3

CONFIGURATION

LICENSE PLATE:

OPERATING HOURS E1:

OPERATING HOURS E2:

TEXT E1:

TEXT E2:

TEXT E3:

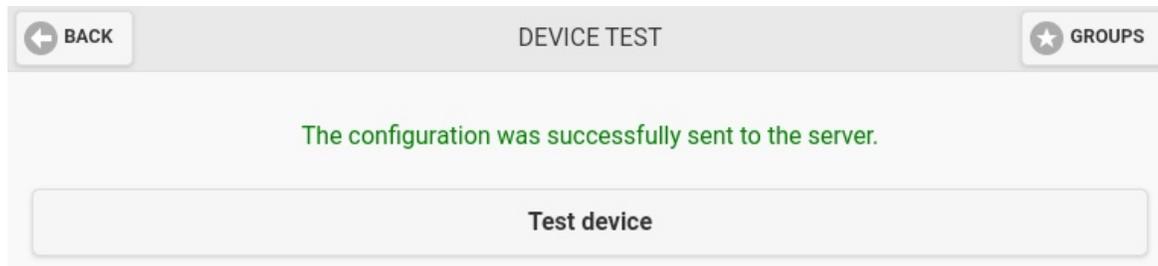
TEXT E4:

TEXT A1:

Senden



If data has been changed, it will be sent to the server. If it were no data that needs to be sent to the device you will just get a success message after the transfer to the server was successful.



If data has been changed that must be sent to the device (this only affects the Fields operating hours E1 and operating hours E2) the following message appears:

If the "job" was successfully completed, the following message appears:

If the data transfer did not work, the following message appears:

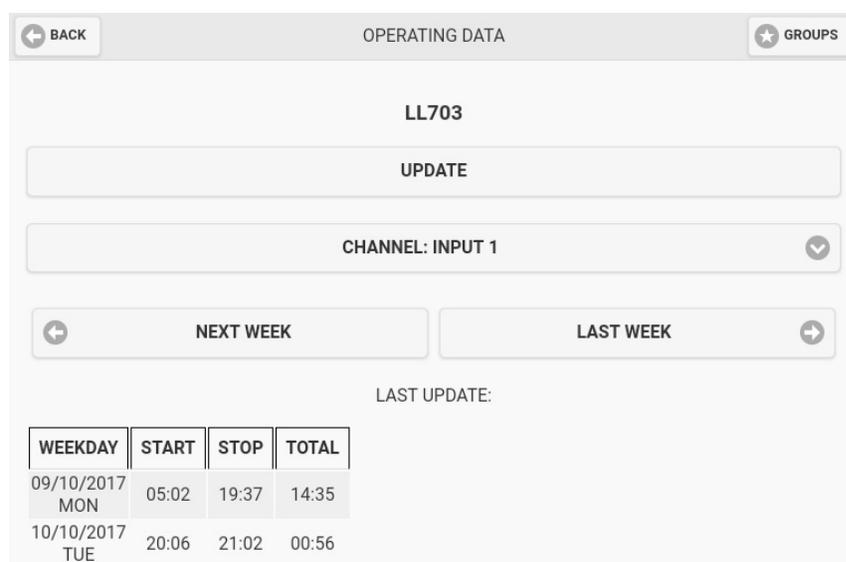
3.2.1. Operating data

On the "Operating data" page you will see a weekly overview about the dates and times the machine was started and stopped as well as how long it was used overall. You can switch between weeks using the corresponding buttons. You also have the option to update the data of the machine.

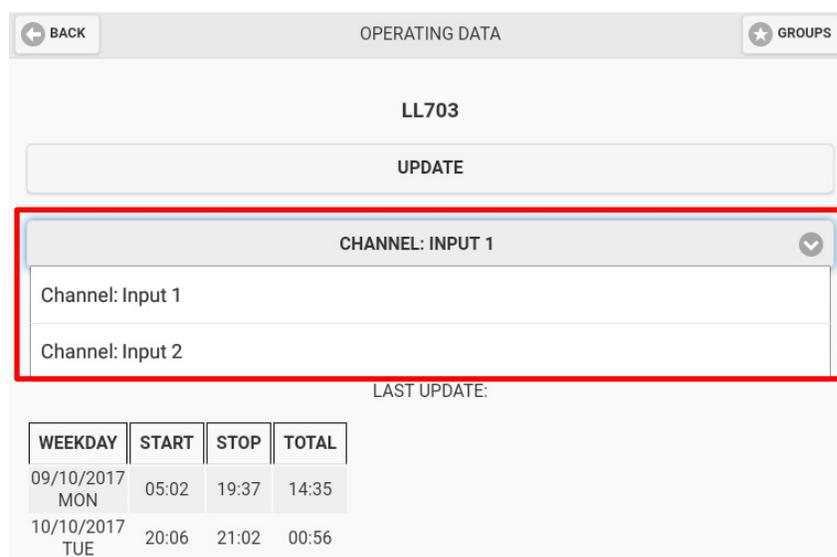
You can select the displayed channels via the button "channel". The individual "channels" represent individual functions such as "ignition", "motor running", "charging" etc., "Batterieladen" etc.

How many "channels" are available for you machine depends on the mounted data collection device.

You can go back to the function overview page via the "back" button in the header.



To see all available "channels" and select a different one you need to click on the arrow to the right of "channel: input 1"

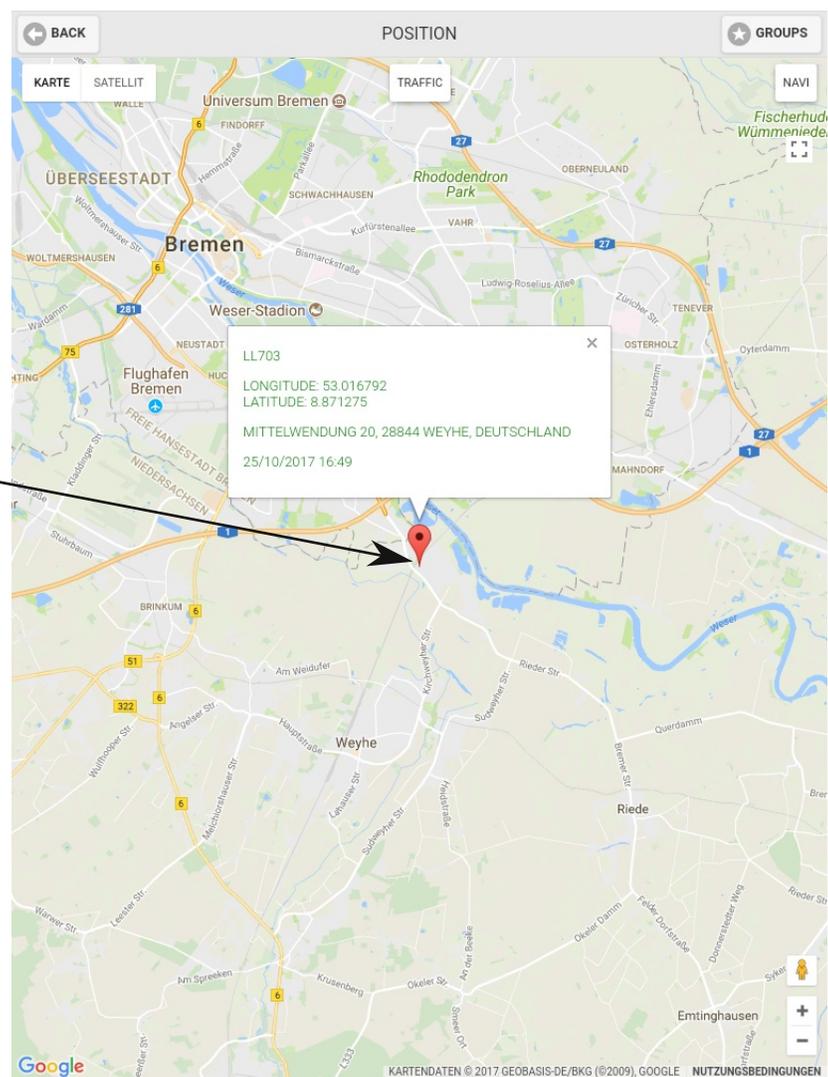


To change to a different channel just click on it.

3.2.2. Position

After clicking on the button "Position" for a machine you will be shown the position of the machine on a map from Google Maps.

Position of the example machine

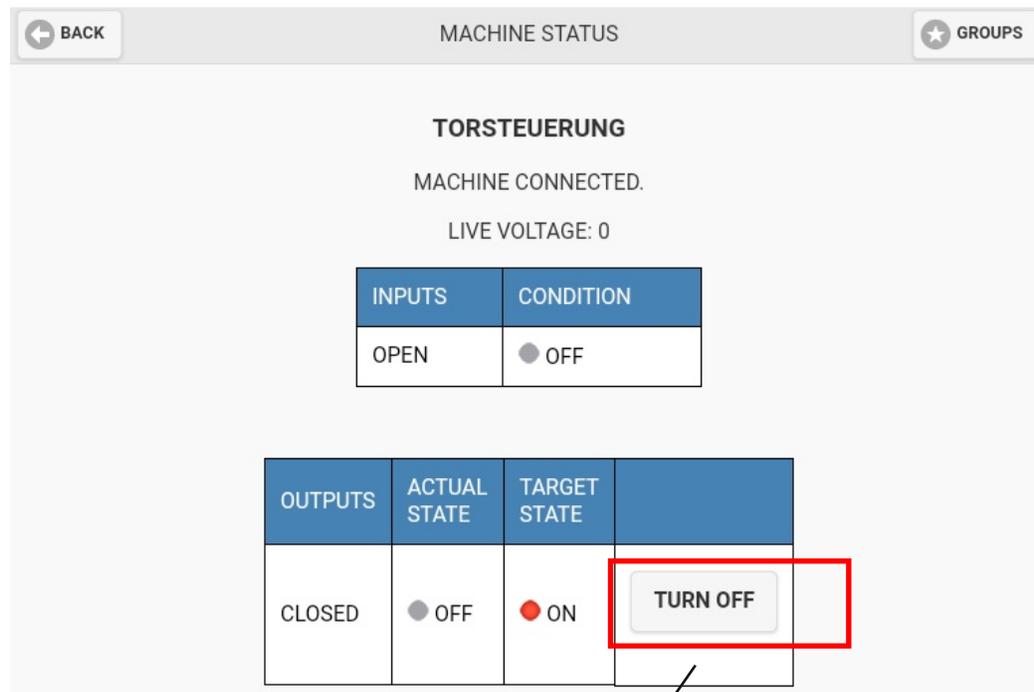


3.2.5. Machine status

This page displays the states of the inputs of the machine as well as the actual and target states of the outputs.

To check the status of your machine click on "machine status".

As soon as the connection was established the following page will be shown:



If the target state is "ON" a "Turn OFF" button will be available.
 If the target state is "OFF" a "Turn ON" button will be available.
 By clicking on the button the target state will be changed.

In the example the actual state is "OFF" while the target state is "ON". The actual state shows the real state of the outputs ("OFF" or "ON") and the target state shows what should happen next. When a connection to the machine can be established the actual state will change to the target state if they are different. With the buttons "Turn OFF" and "Turn ON" the target state can be changed.

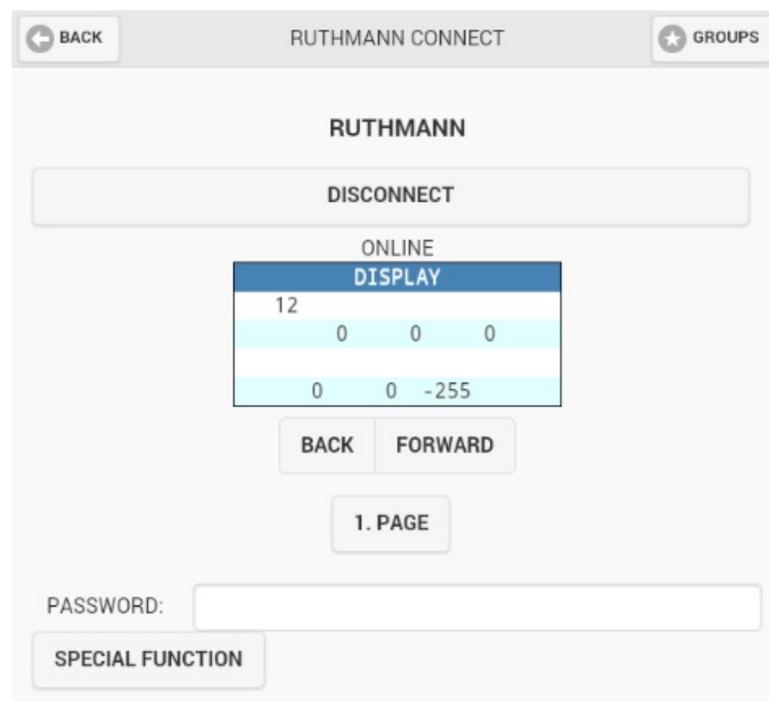


3.2.6. Navigation

The "Navigation" button will open Google Maps. When your smartphone or tablet knows its position it will show you the way to your machine so that you can use the app to navigate to your machine.

3.2.7. Diagnosis

For Ruthmann devices there exist a "Diagnosis" option. By clicking the Button "Diagnosis" you can connect to your machine and check its status. In the guest account the diagnosis "Ruthmann Connect" is shown.



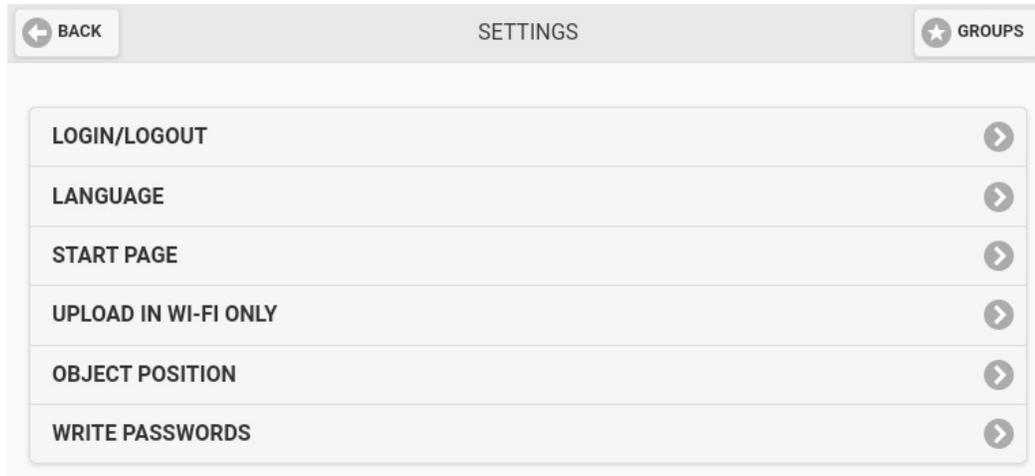
By clicking on the button "Diagnosis" you will automatically connect to the machine as long as you are online and will see its display i.e you are seeing exactly what the person in the machine sees. You can terminate the connection by clicking the button "disconnect". You can also go back and forth between the individual displays.

The options "Password" and "Special function" are special Ruthman pages which are not available for the user.



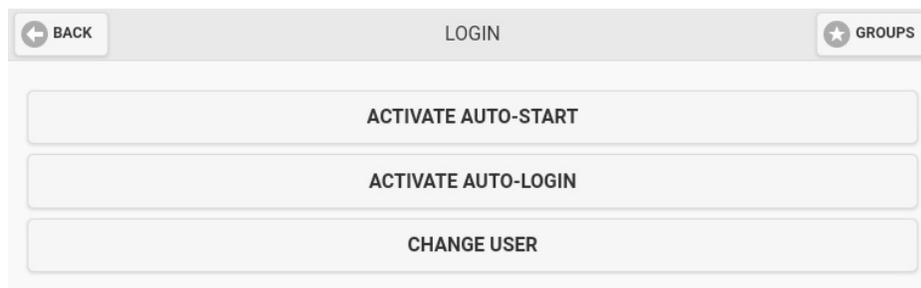
3.4. Settings

The button "Settings" on the "Home page" leads to the settings of the app.



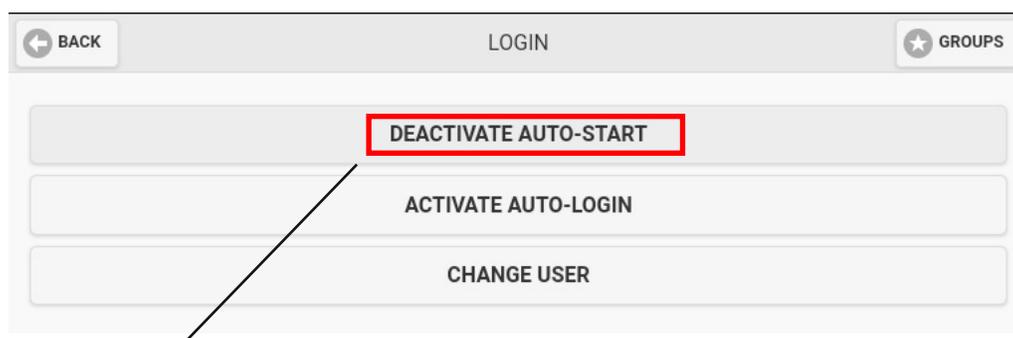
3.4.1. Login/Logout

The button "Login/Logout" will open the following page:



Activate Auto-Start: The Obserwando app will be automatically opened when you switch on your tablet or smartphone.

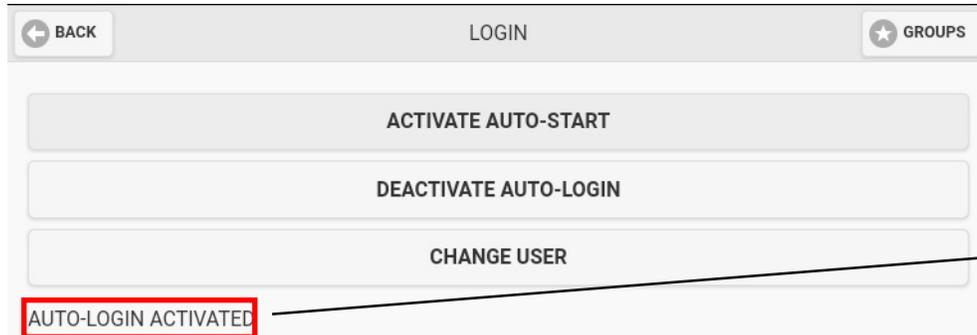
To deactivate the auto-start click on "Deactivate Auto-Start" (same button).



The Auto-Start is activated.



Activate Auto-Login: You will automatically login when you open the app.
To deactivate the auto-login click on "Deactivate Auto-Login" (same button).

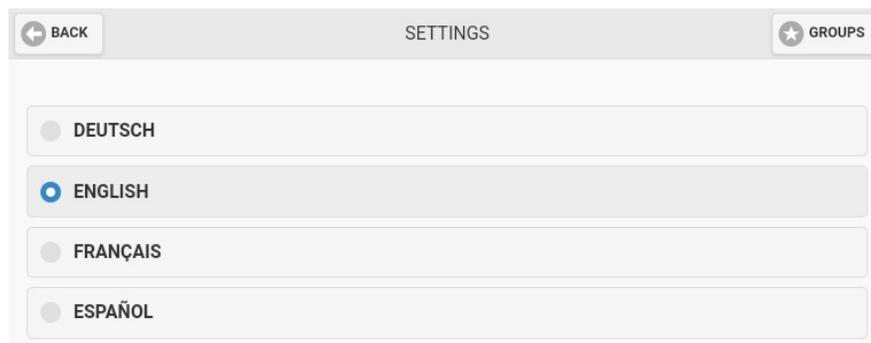


The Auto-Login
ist activated.

Below the buttons the current status will be displayed
i.e. whether the auto-login is activated or deactivated.
You can also change the user on this page.

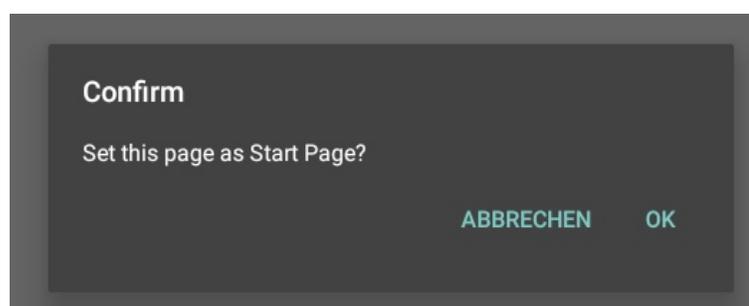
3.4.2. Language

The app is available in several languages. The language selection is accessible via the button "Language".



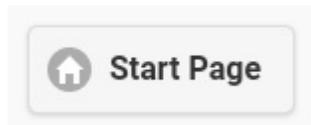
3.4.3. Start page

The Obserwando app allows you to set a start page. To do this you need to go to the desired page and keep it pressed for a longer period of time. Then the following dialog will appear:

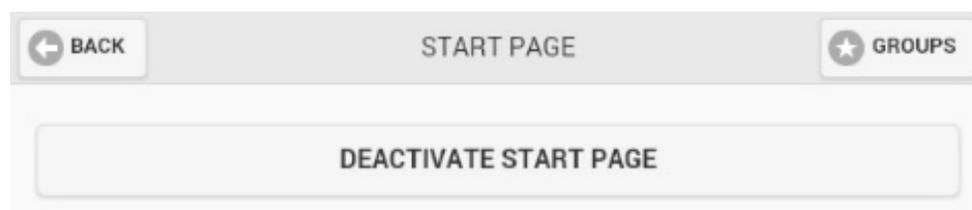




When pressing "Ok" you will be directed to this page after logging in. Additionally, there will be a button "Start Page" at the bottom left. Via this button you can directly go to the start page from any page.



To deactivate the current start page you need to go to "Start page" under "Settings". The following page will open:



Click on "Deactivate startpage" to deactivate the current start page and determine a new one.

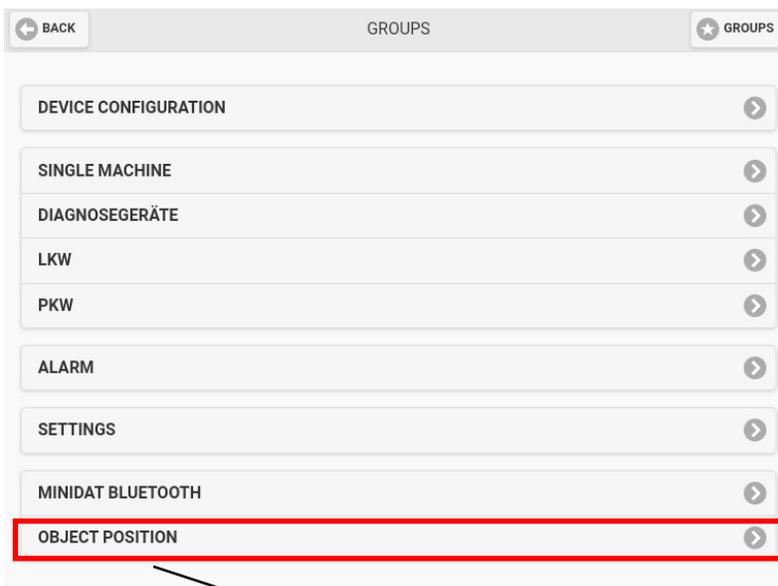
3.4.4. Upload Wi-Fi only

With the button "Upload in Wi-Fi only" you can specify that the operating data of miniDaT devices and positions of the tracking system EWTrace BT are only uploaded when you are connected to a Wi-Fi.



3.4.5. Object Position

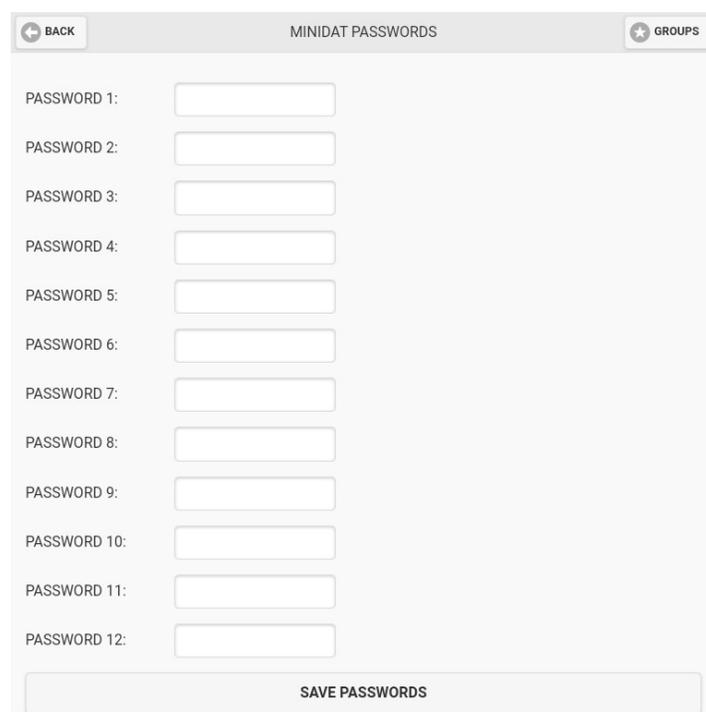
You have the option to add the "Object position" area to the overview on your homepage. To do this, you must set the object position to "on" in the settings. If the "Object position" area is set to "off", it is not visible on the start page.



Object position visible on home page

3.4.6. Write Passwords

On this page you can locally manually add and edit up to 12 passwords. You need a password for each MiniDaT, to be able to read it out. If the MiniDaT devices which be read out are not configured in Obserwando the app will not get a list with the possible passwords from the Obserwando-Server. Without a correct password, a MiniDaT cannot be read out. Therefore a local password list was created for this case. In it you can manually add and edit up to 12 passwords.



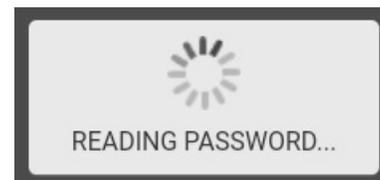
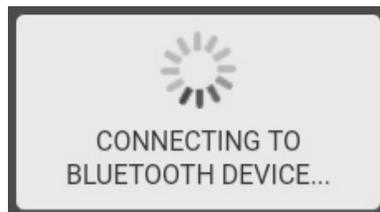
4. miniDaT bluetooth

With the help of the adapter miniDaTBT the usage data of the connected miniDaT can be read.
 Warning: The password loaded from the server needs to match the password of the miniDaT!
 Under this category you will find all available miniDaTs to which you can connect.
 Click on the desired miniDaT to connect to it.

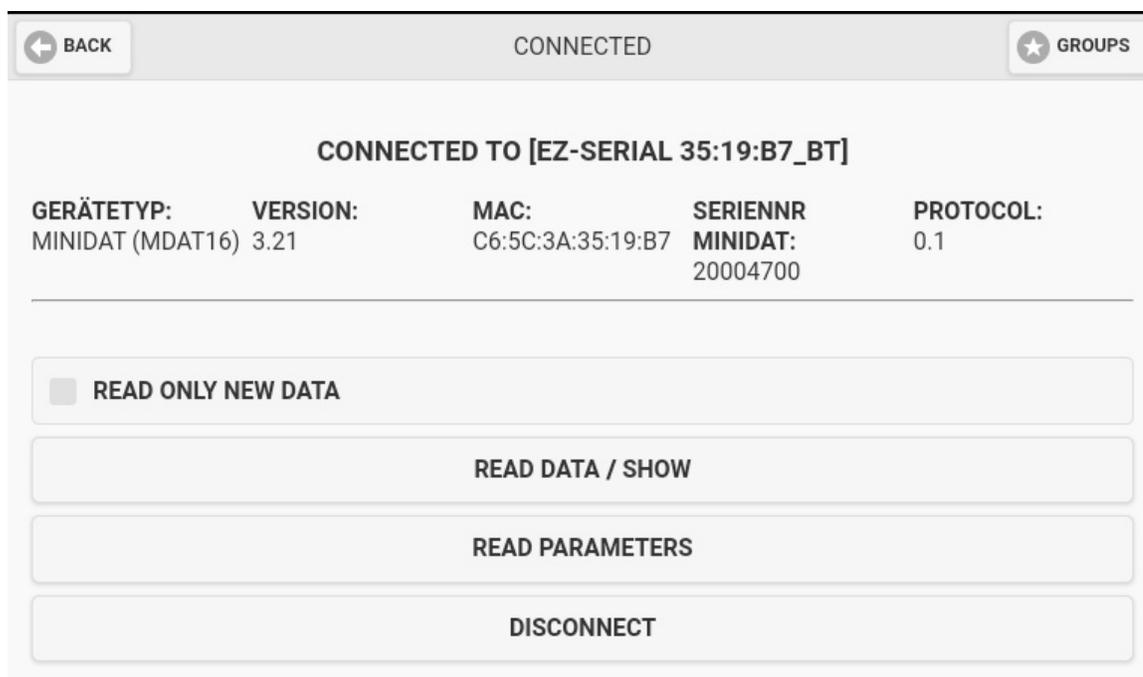


Example miniDaT

After clicking on the miniDaT the following pop-ups messages will appear:



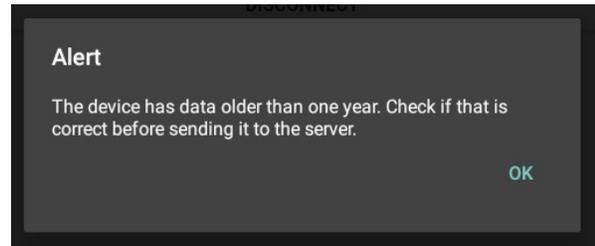
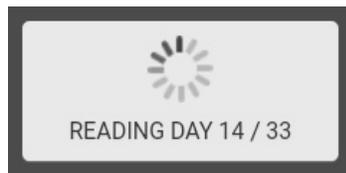
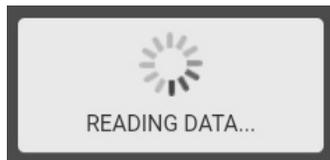
When you are connected to a miniDaT the following information will be shown:



You can configure that only the newest data will be shown.
 To read data you need to click on the button "Read data/Show" klicken.
 To read the parameters you need to click on the button "Read parameters".
 To terminate the connection to the miniDaT you need to click on the button "Disconnect".

4.1. Read data/Show

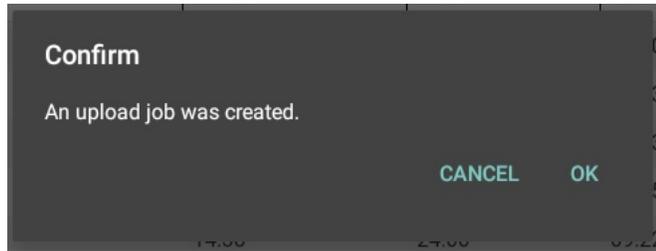
After clicking on the button "Read data/Show" the following pop-up messages will appear:



The loaded data will be displayed as shown below:

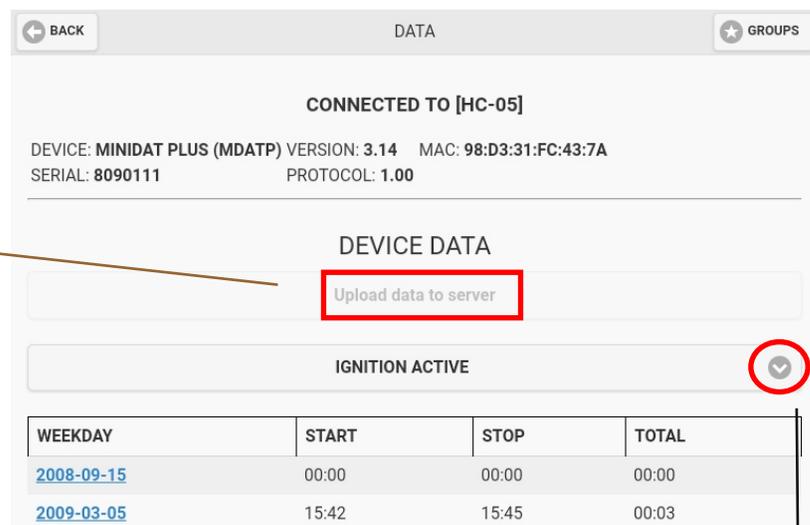
WEEKDAY	START	STOP	TOTAL
2008-09-15	00:00	00:00	00:00
2009-03-05	15:42	15:45	00:03
2009-09-14	11:27	13:10	01:43
2011-12-09	11:48	12:23	00:35
2017-08-18	14:38	24:00	09:22
2017-08-19	00:00	24:00	24:00
2017-08-20	00:00	24:00	24:00
2017-08-21	00:00	24:00	24:00
2017-08-22	00:00	24:00	24:00
2017-08-23	00:00	24:00	24:00
2017-08-24	00:00	24:00	24:00
2017-08-25	00:00	24:00	24:00
2017-08-26	00:00	24:00	24:00
2017-08-27	00:00	24:00	24:00
2017-08-28	00:00	24:00	24:00
2017-08-29	00:00	24:00	24:00

The read data can be sent to the Obserwando server when the corresponding permission has been set.

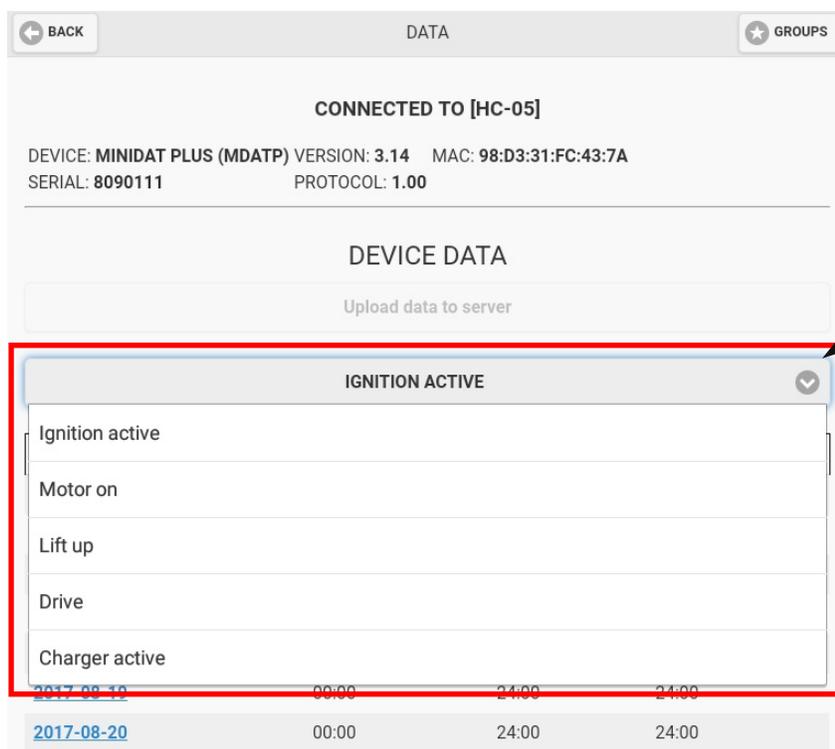


To upload the data to the server click on the button "send to server".
 Then above dialog will appear.
 There you need to click on "OK".

When all data has been uploaded the the button "Upload data to server" will fade.



The displayed channel can be changed by selecting the desired channel.



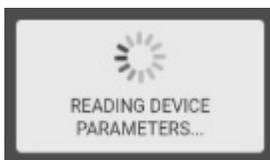
If a weekday should be shown down to the minute the minute you need to first select the weekday, then the channel and finally "Ignition active". Then the following output should appear:

The screenshot shows the 'DATA' screen with a table of weekdays and a modal dialog. The modal dialog is titled 'IGNITION ACTIVE' and shows a date of 2008-09-15. Below the title, there is a 'MINUTES PER HOUR' section with a grid of numbers from 00 to 23. The numbers 00 through 11 are in red, and the numbers 12 through 23 are in black. An 'OK' button is at the bottom of the dialog. The table below has columns for 'WEEKDAY', 'TOTAL', and 'TOTAL'. The row for '2017-08-18' is circled in red.

WEEKDAY	TOTAL	TOTAL	
2008-09-15	00:00		
2009-03-05	00:03		
2009-09-14	01:43		
2011-12-09	00:35		
2017-08-18	09:22		
2017-08-19	24:00		
2017-08-20	24:00		
2017-08-21	24:00		
2017-08-22	00:00	24:00	24:00
2017-08-23	00:00	24:00	24:00
2017-08-24	00:00	24:00	24:00
2017-08-25	00:00	24:00	24:00
2017-08-26	00:00	24:00	24:00
2017-08-27	00:00	24:00	24:00
2017-08-28	00:00	24:00	24:00
2017-08-29	00:00	24:00	24:00

The daytime is shown in red and the worked hours in black.

4.2. Read parameters



On the right the editable parameters

The screenshot shows the 'DEVICE PARAMETERS' screen. It is titled 'CONNECTED TO [EZ-SERIAL 35:19:B7_BT]'. Below the title, there are fields for 'GERÄTETYP: MINIDAT (MDAT16) 3.21', 'VERSION: 3.21', 'MAC: C6:5C:3A:35:19:B7', 'SERIENNR: 20004700', 'MINIDAT: 20004700', and 'PROTOCOL: 0.1'. The main section is titled 'DEVICE PARAMETERS' and contains three channels:

- CHANNEL 1:** NAME: Zündung an; INVERT: NO; HOURS: 270
- CHANNEL 2:** NAME: Motor läuft; INVERT: NO; HOURS: 269
- CHANNEL 3:** NAME: Ladegerät an; INVERT: NO; LOAD CYCLES: 1

At the bottom, there are fields for 'LAST LOAD CYCLE: FRI MAY 08 2020 12:31:00 GMT+0200 (MITTELEUROPAISCHE SOMMERZEIT)', 'LAST LOAD CYCLE MINUTES: 68', 'MACHINE TYPE: BATTERIE', and 'BATTERY VOLTAGE: 12, 24, 36, 48'.

← BACK
DEVICE PARAMETERS
★ GROUPS

NAME:

INVERT: NO

LOAD CYCLES:

LAST LOAD CYCLE: FRI MAY 08 2020 12:31:00 GMT+0200 (MITTELEUROPÄISCHE SOMMERZEIT)

LAST LOAD CYCLE MINUTES: 68

MACHINE TYPE: **BATTERIE**

BATTERY VOLTAGE: 12 24 36 48

SUMMER TIME

INVERT: NO EUROPE USA

YEAR OF CONSTRUCTION	PRODUCER	SERIENNR	INTERNAL NR
<input type="text"/>	Bgf	<input type="text"/>	0004700

MARKING TO THE NEAREST SECOND

NO

CHANNEL INDEPENDENT RECORDING

YES

CHANGE PASSWORD

WRITE PARAMETERS

Change password: Over the opening window you can change an existing password from a miniDaT.

Write parameters: The parameters will be written to the miniDaT.

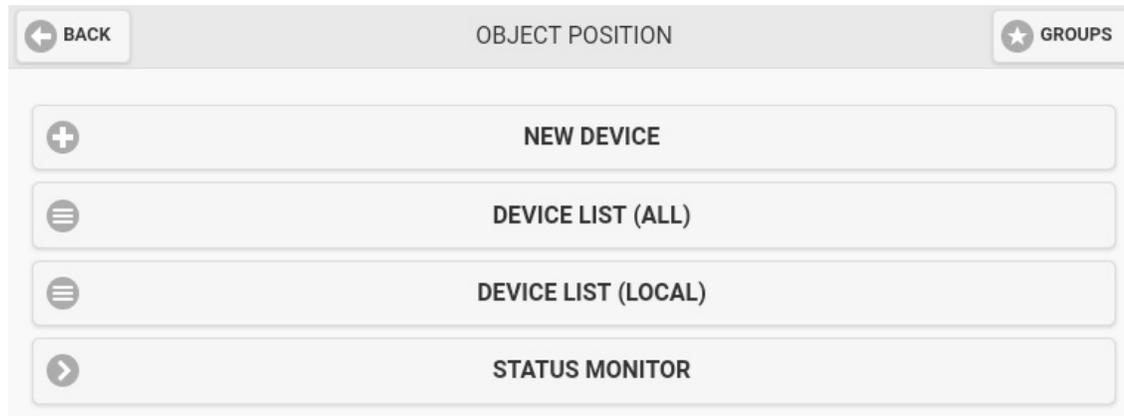
This window opens if you click "Password change".

4.3. Disconnect

Click on the button "Disconnect" to terminate the connection to the miniDaT.

5. Object position (optional)

On the "Object position" page you have several options to display devices. You can choose to display "new devices", "all devices", only "local devices" or the "status monitor".

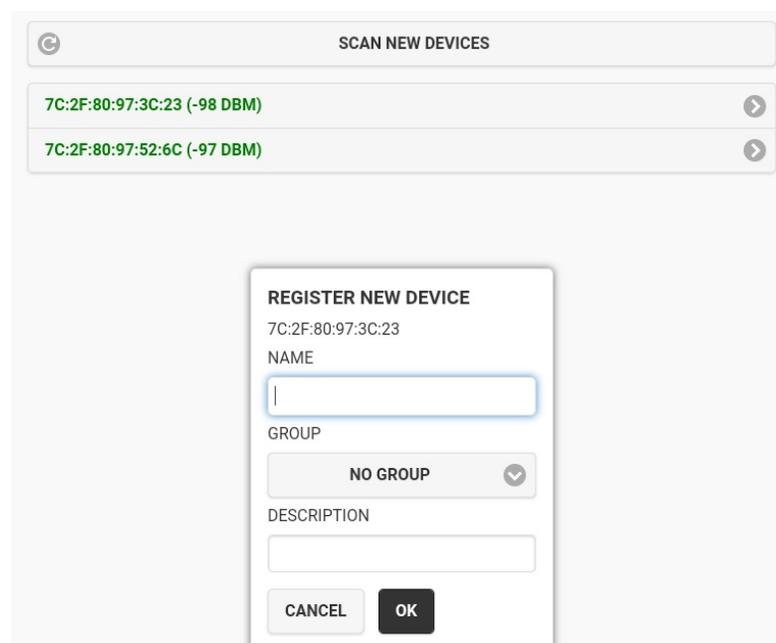


5.1. New device

After clicking on the button "new device" you will be shown all new devices close to your current location.



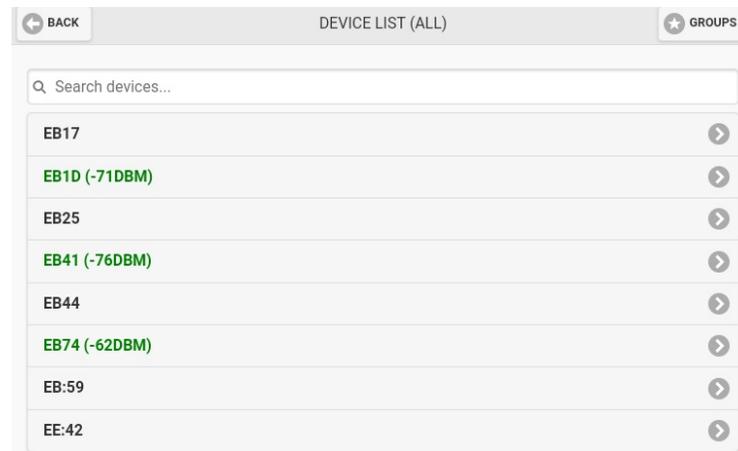
New devices:



5.2. Device list (all)

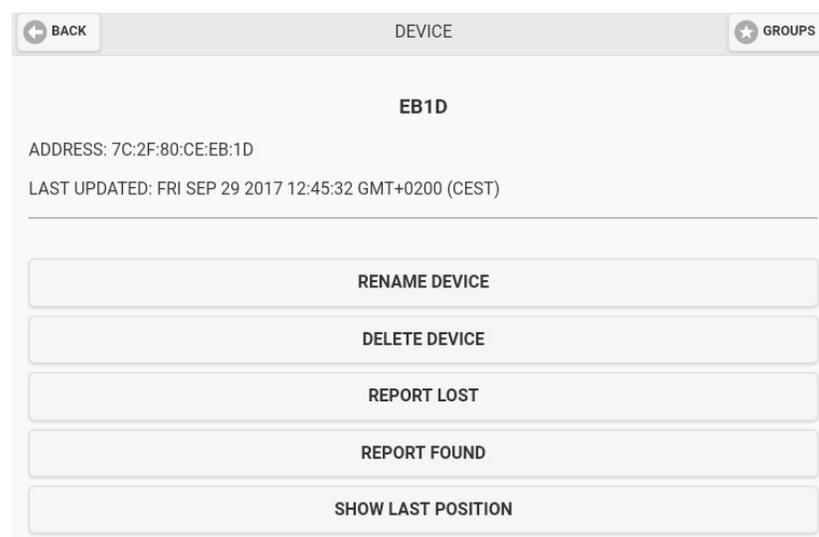
After clicking on the button (device list (all)) you will be shown all devices of your account.

List of all available devices:



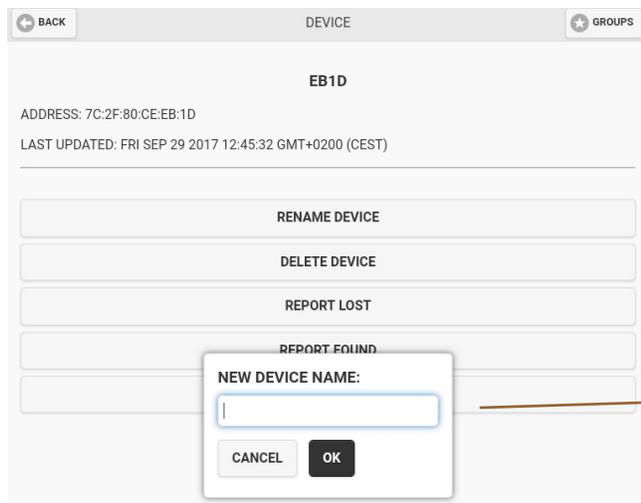
The name of devices which are close to your current location will be shown in green. All other device names will be shown in black.

After clicking on one of the listed devices you will see the following page:



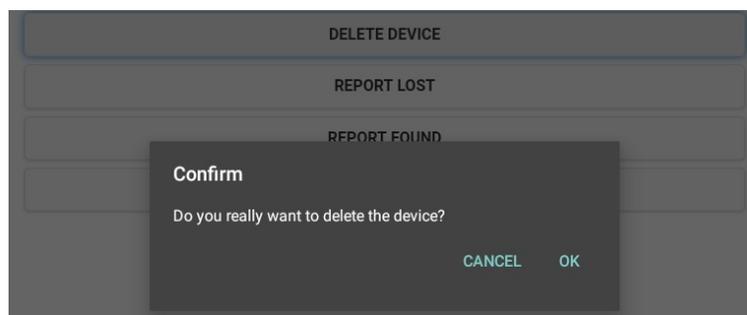
You can rename or delete a device as well as report it lost or found and show its last position.

Rename device



By clicking on "Rename device" you can change the name of the selected device with the help of the displayed dialog.

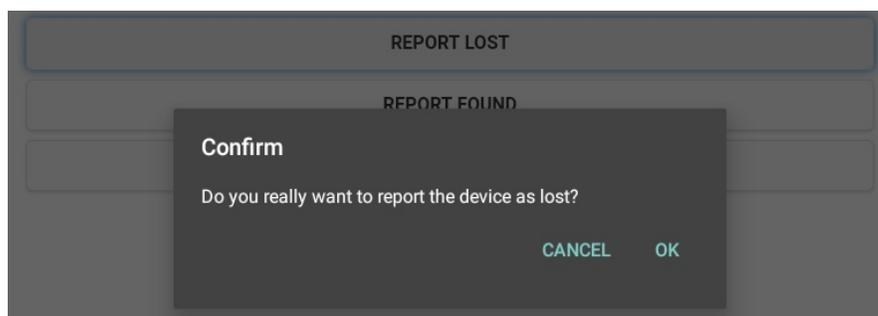
Delete device



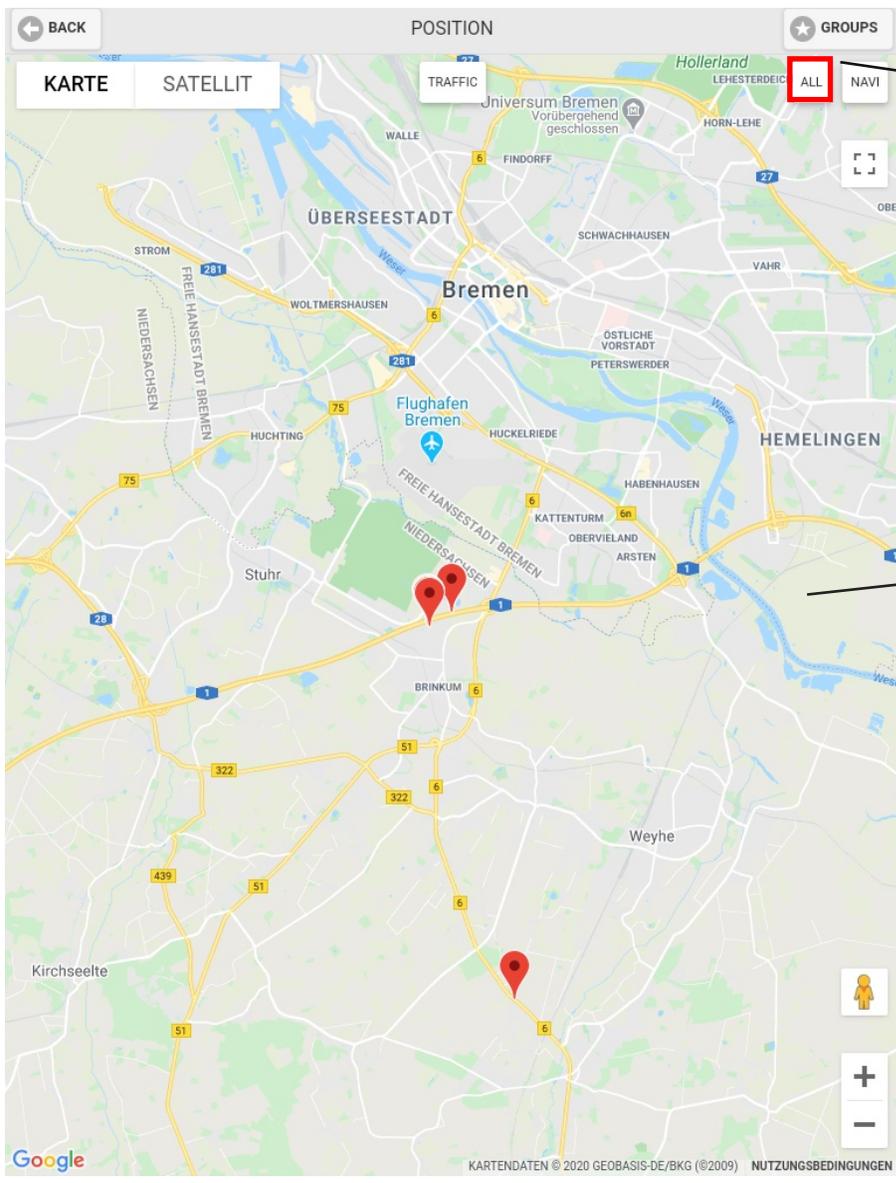
After clicking on "Delete device" the following pop-up message will appear. Click on "OK" to confirm the deletion.

Report lost

You can report a device as lost. This will create a request for all smartphones connected to the Obserwando server. The request will be handled by the app without the knowledge of the user. When the app recognizes a device which was reported as lost it will automatically send the device number and position to the server.

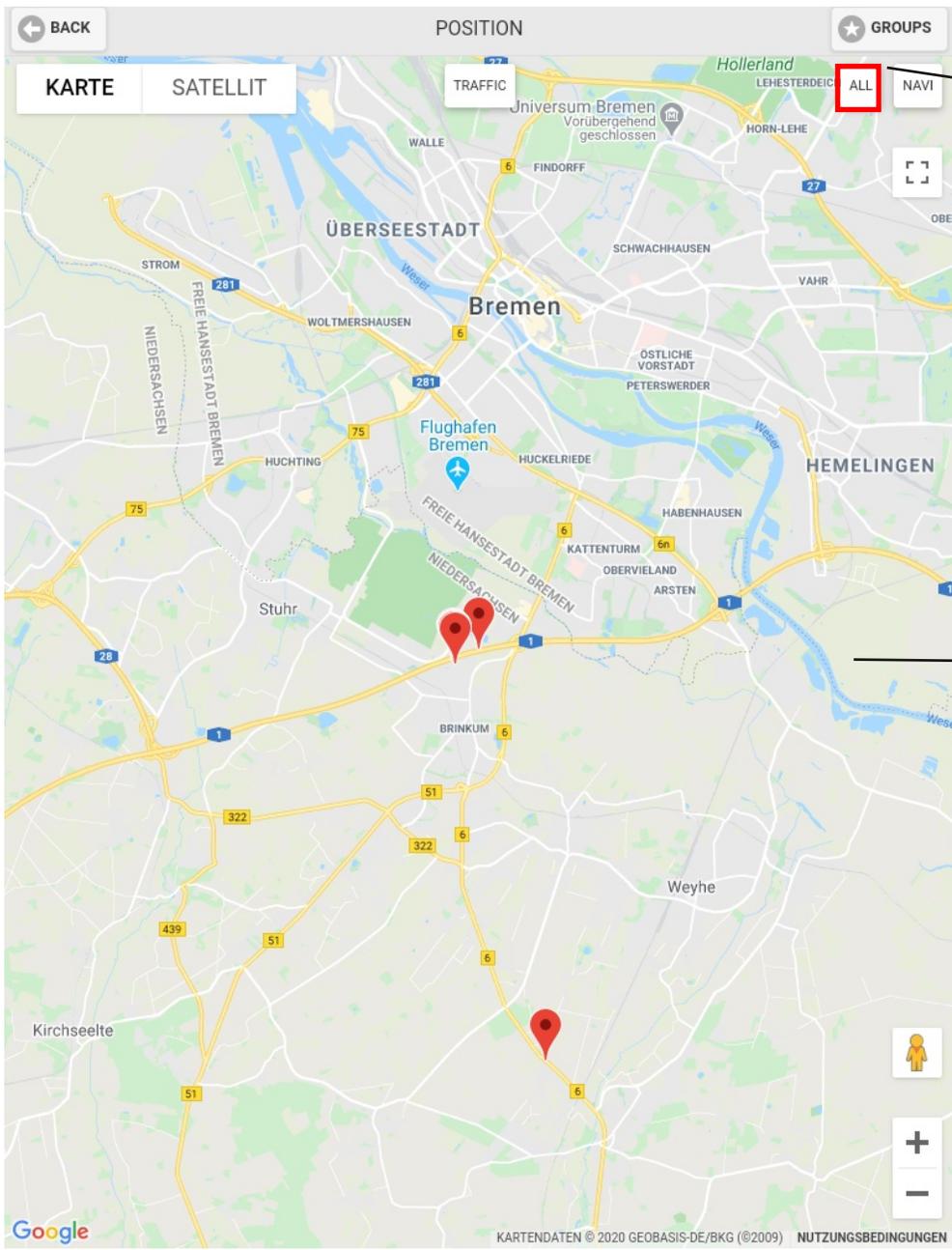


After clicking on the button "Report lost" the following pop-up message appears.



"All" switched on

last positions of all devices



"All" switched on

last positions of all devices



6. Logout

To logout you need to click on the "Back" button at the top left of the header. After logging out it is possible to login with a different user.



— The "Back" button can be used to go back one level as well as to logout.

7. Contact/Help

You are interested in using this product. Just contact us using the following contact details.

Do you need help? Please do not hesitate to contact us using the following contact details:

**Rösler Software-Technik Entwicklungs- und
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