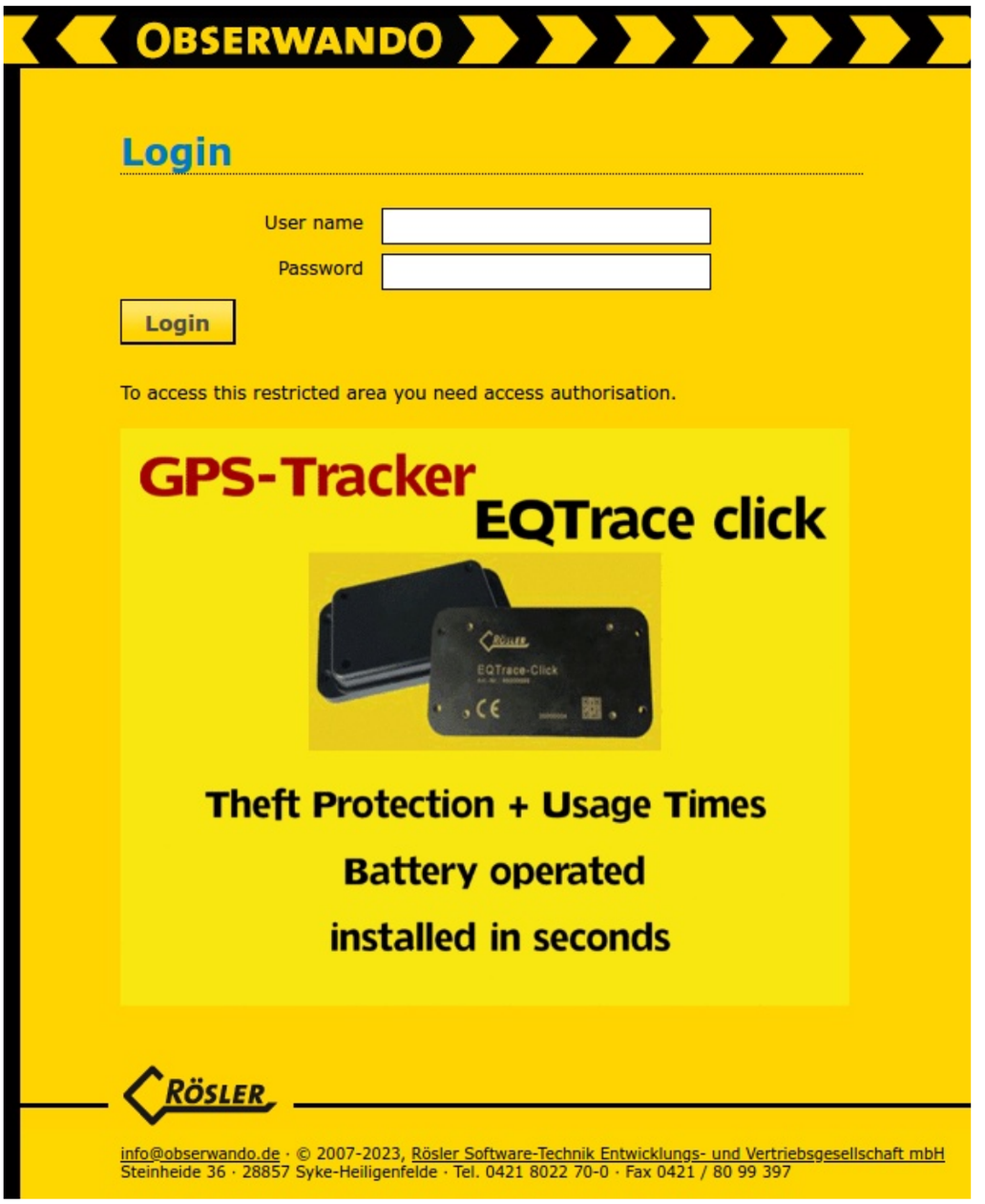
Obserwando



Manual

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1. Introduction

Dear user,

this document is a manual for the "Obserwando" portal at "www.obserwando.de".

So, what is "Obserwando"?
"Obserwando" is a service providing theft protection, data collection and access control for your machines and vehicles. We offer modern and innovative data collection devices which will be mounted on your machines. The service includes the data transfer to our server as well as the provision of the collected information with extensive evaluation options.

The manual will explain step by step how "Obserwando" works and where you can find the individual functionality.
For illustration purposes you can use the guest account to login at "www.obserwando.de". The required login credentials are gast/gast.

To keep things simple we will always talk about machines. This can be any kind of mobile equipment such as vehicles, construction machines, working platforms etc.

Please do not hesitate to contact us if you have any questions or problems. You can find our contact details on "page 49".

2. Registration/Login

Do you want to use "Obserwando" devices with your machines? Just contact us via phone or email. Then we will discuss all the details with you and provide your access details for the portal at "www.obserwando.de" and the app.
You can find our contact details on "Page 49".

After you got your access details, please go to the portal at "www.obserwando.de".
The following page should appear in your browser:

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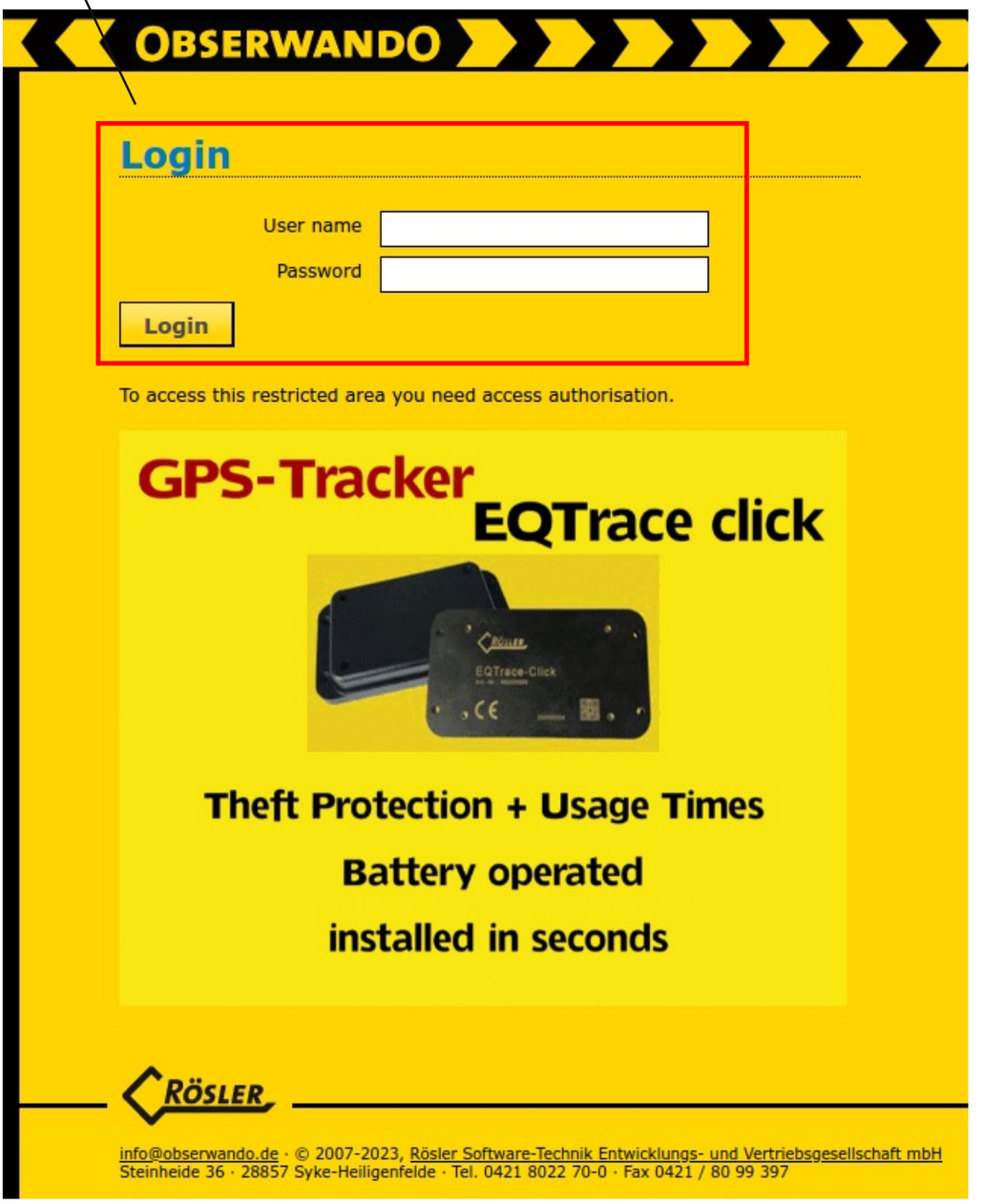
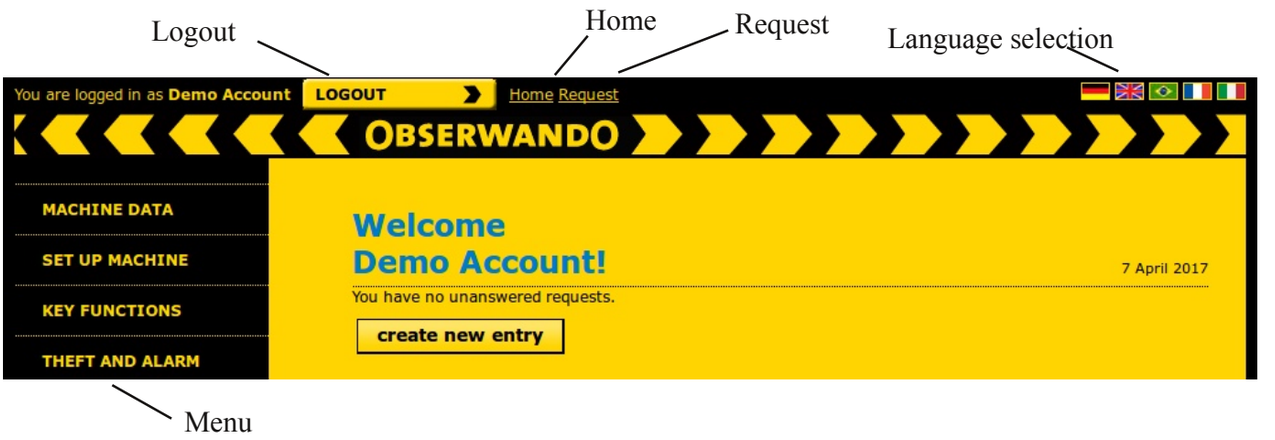
Please enter your credentials and click on "Login" to log into the portal.



The main user will get the credentials from us and will then be able to create new users.

3. Homepage

After logging in you will see the homepage of the portal.

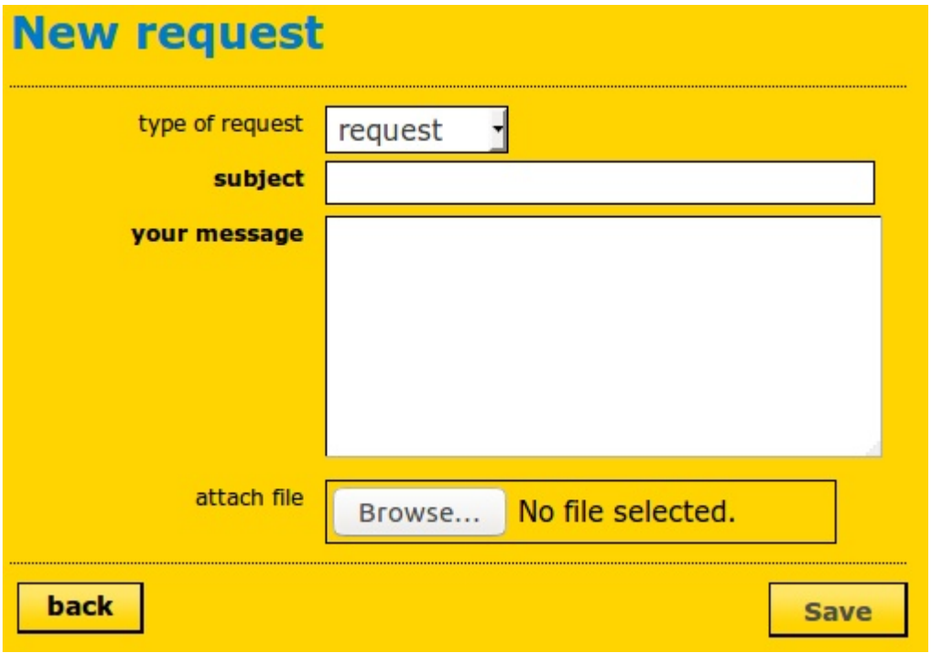


On the "homepage" you will see news as well as the status of any orders or requests.

At the top right you can select the language for the portal. The current options are German, English, Portuguese (Brazil), French and Italian.

You can logout or go to the homepage by clicking onto the "Logout" or "Home" button at the top left, respectively.

When you click on "Request" the following page will appear:



On this page you can submit a request or provide feedback.

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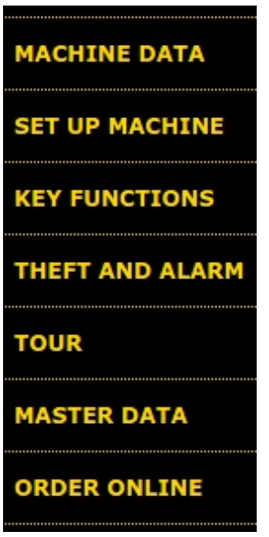
On the left side of the portal you can find the menu.

Alarm messages for you machines are displayed in the header as shown below.

New alarm message

4. Menu

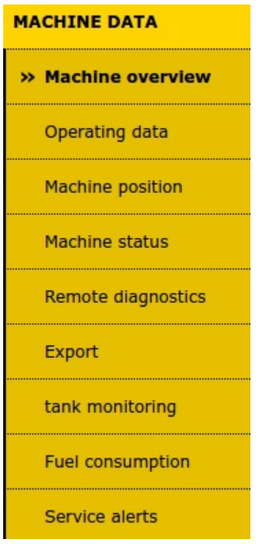
Below an overview of the main menu items.



The following pages will explain each menu item in more detail.

4.1. Machine data

The section "Machine data" shows all information relating to billing, logistics and services.
It includes a "Machine overview" of all your machines, the "Operating data", "Machine position", "Machine status", "Remote diagnostics/Telediagnosis", "Export", "Tank monitoring", "Fuel consumption" and "Service alerts" of individual machines.



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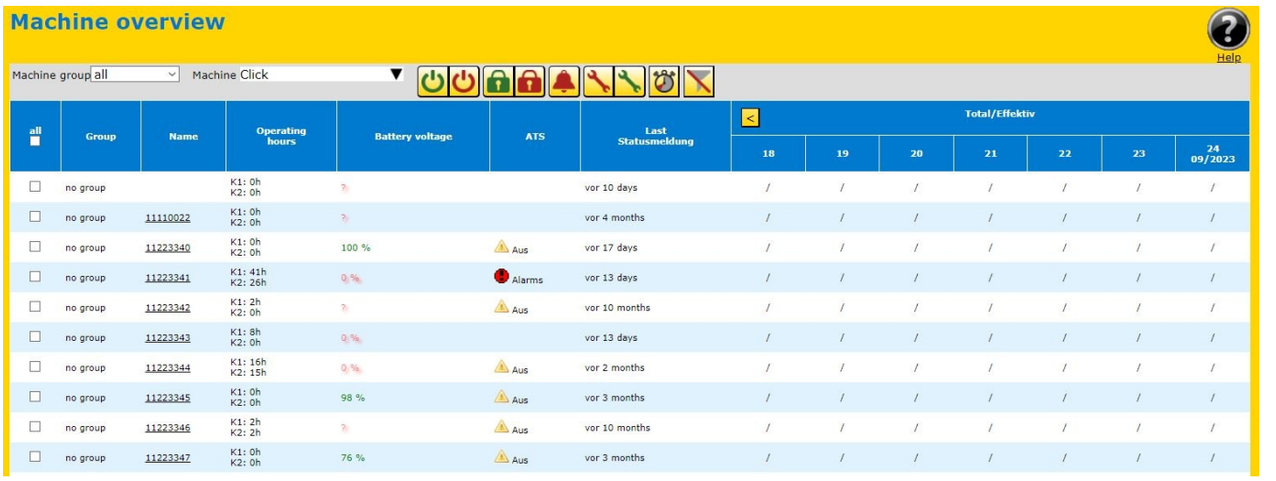
4.1.1. Machine overview

Inside the Obserwando-Portal machines or machine groups can be displayed as following:
Machine data → Machine overview.
If you select items in the top line, machines which the selected conditions will be displayed.



The icons:

Machine status:

Select the green icon to get only the active machines at the current time.
Select the red icon to get only the machines actual inactive machines.

ATS:

Select the green icon to get only the machines with theft protection (ATS) enabled.
Select the red icon to get only the machine wih theft protection (ATS) disabled.

Current alarm:

Select this icon to see only the machines with current alarm.

Service (Requirement: Use of service parameters):

Select the red icon to get only the machines where stored in the service parameters a service is required.
Select the green icon to get only machines where service is not required.

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Machine with overtime:

Select this icon to get only machines with overtime. They worked ore hours then allowed. You can also choose start time and stop time for this calculation.

Reset filter:

Select this time to reset the selected filters.

One of the following actions can be choosen for the machines marked in the box in front of the machine:
- activate ATS
- deactivate ATS
- load operating data (only for devices up to 2014)
- load machine position (only for devices up to 2014)
- load tracking data (only for devices up to 2014)

Run „Execute“ to start the action.

The table:

all	Group	Name	Operating hours	Akkuspannung	ATS	Last Statusmeldung	Total/Effektiv						
							26	27	28	29	30	31	01
☐	no group	11223344	K1: 0h	4.03 V	Off	before about 1 month	/	/	/	/	/	/	/
☐	no group	11223345	K1: 0h	4.18 V	Off	before about 1 month	/	/	/	/	/	/	/
☐	no group	20002268	K1: 112h K2: 112h	3.94 V	Off	before 11 months	/	/	/	/	/	/	/
☐	no group	20004553	K1: 0h	4.09 V	Off	before 1 day	/	/	/	00:00/00:00	00:10/00:11	/	/
☐	no group	20005245	K1: 6h K2: 0h	3.20 V	Off	before 2 months	/	/	/	/	/	/	/
☐	no group	30001268		4.00 V	Off	before 7 months				-			
☐	no group	30001269	K1: 6h	3.21 V	On	before 2 days	/	/	/	01:13/00:22	00:13/00:13	/	/

In the table on the far left you can select one, several, or all of the displayed machines by checkmark.
For each machine you will see the group (if any), the name, the operating hours of each channel and the battery voltage in %. We'll also tell you if theft protection is enabled and when the server received the last status message from the machine.
At the end of the table under Total / Effective the last seven calendar days are listed. It shows how long a machine has worked and in what time frame it has worked effectively.

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4.1.2. Operating data

Please select first the machine and period for which you would like to see the operating data.
Then you will see the different data.
This includes a table with the data of the different inputs, the battery voltage, a table with the operating hours and two further diagrams.

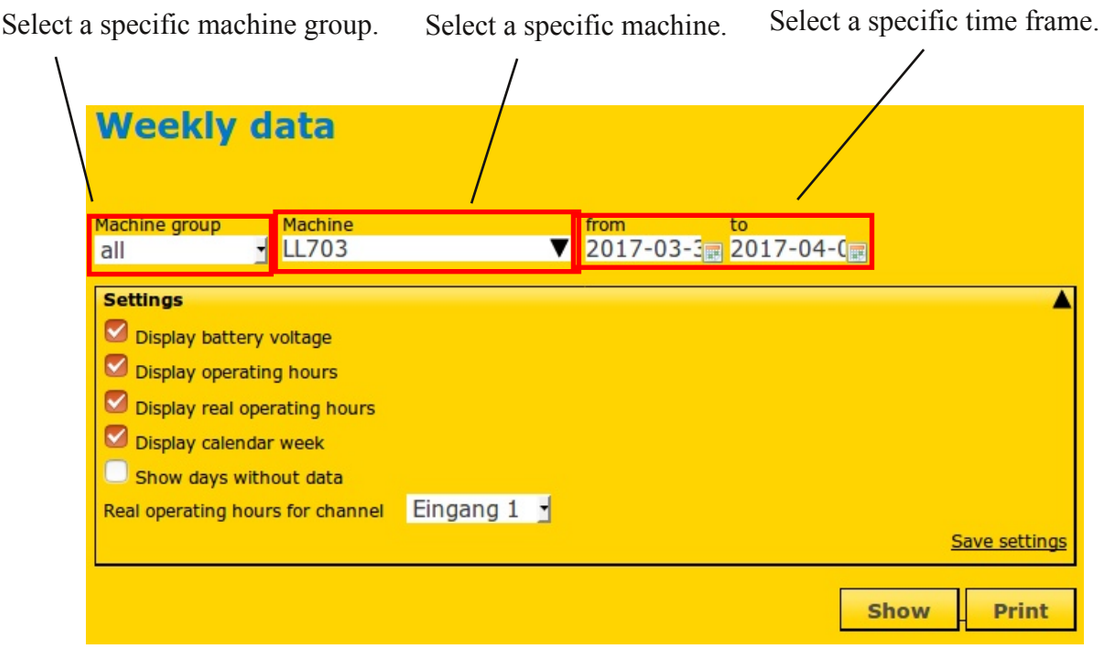
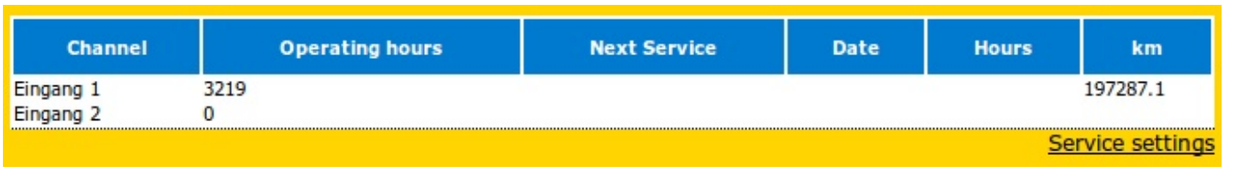


Table 1 provides an overview about the data of the individual inputs of the machine. You will be shown how many hours an individual input has been used. When using the service function you will also see the date, hours and km of the next service appointment.



Channel	Operating hours	Next Service	Date	Hours	km
Eingang 1	3219				197287.1
Eingang 2	0				

Service settings

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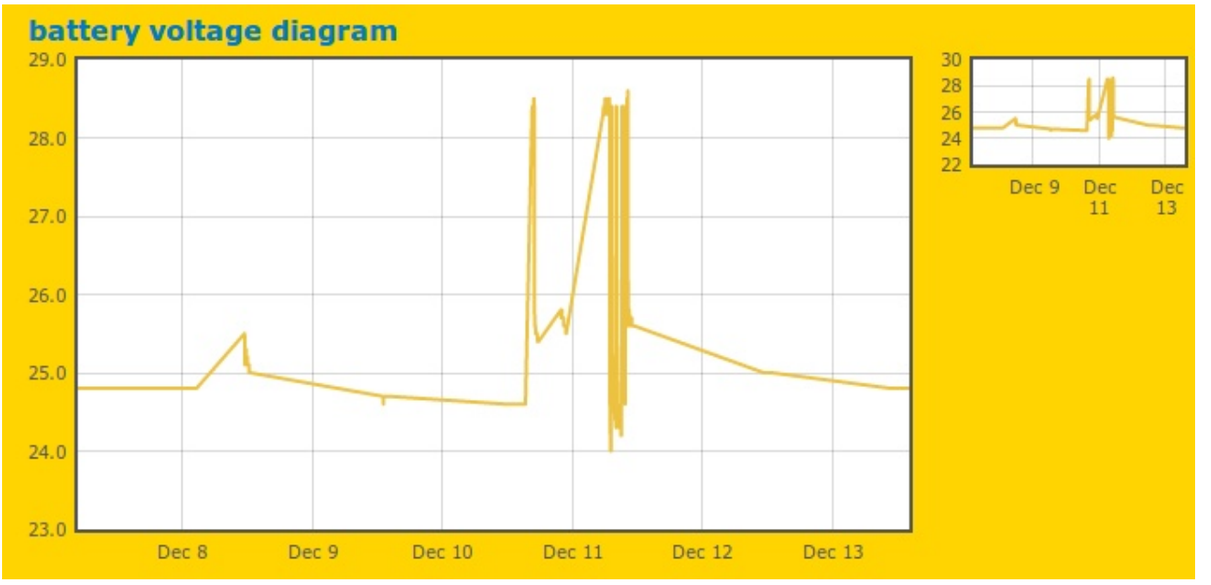
Diagram 1 shows the battery charge over time for the machine. The example is for a truck which has normally a battery charge of 24 volts. If the voltage is higher it means that the machine is in use and the battery is charging.
You can select a part of the diagram with your mouse to see it in more detail. This can be done in the big and small windows. The excerpt will then be shown in the big diagram.
By clicking on the small window you can zoom out again.



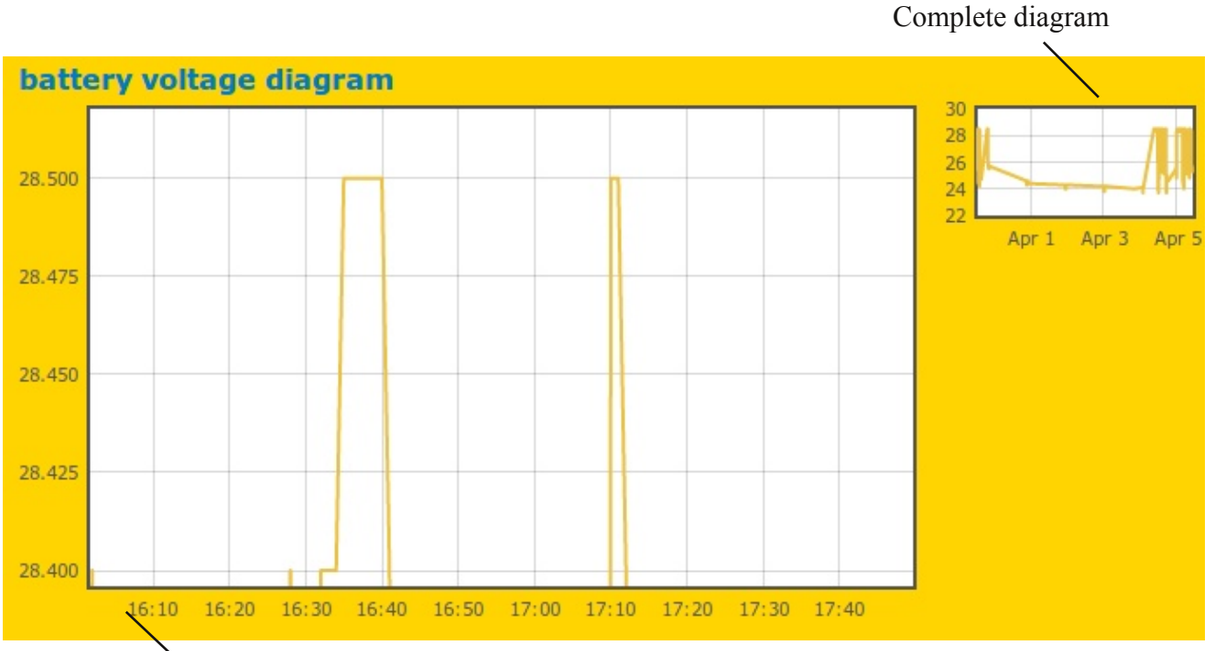


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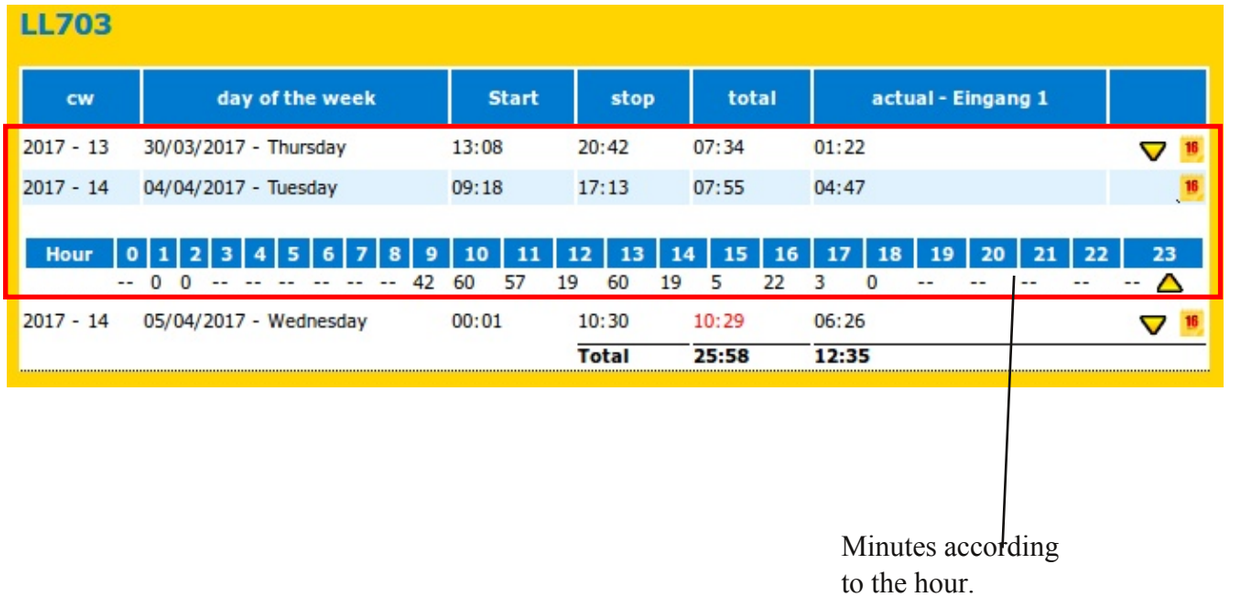
Table 2 shows when the machine has been operated. The calendar week, the day of the week, the start and stop time as well as the total usage time are shown.
The effective usage time of the first input can be seen in the corresponding column.

LL703

cw	day of the week	Start	stop	total	actual - Eingang 1	
2017 - 13	30/03/2017 - Thursday	13:08	20:42	07:34	01:22	
2017 - 14	04/04/2017 - Tuesday	09:18	17:13	07:55	04:47	
2017 - 14	05/04/2017 - Wednesday	00:01	10:30	10:29	06:26	
			Total	**25:58**	**12:35**	

There are two additional symbols. A click on the arrow displays the minutes of the day according to the hour. The other symbol shows the individual hours of a day as a table and diagram.



LL703

cw	day of the week	Start	stop	total	actual - Eingang 1	
2017 - 13	30/03/2017 - Thursday	13:08	20:42	07:34	01:22	
2017 - 14	04/04/2017 - Tuesday	09:18	17:13	07:55	04:47	

Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	--	0	0	--	--	--	--	--	--	42	60	57	19	60	19	5	22	3	0	--	--	--	--	--

2017 - 14	05/04/2017 - Wednesday	00:01	10:30	10:29	06:26
			Total	**25:58**	**12:35**

Minutes according to the hour.

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Overview of the individual hours of a day in form of a table and diagrams.

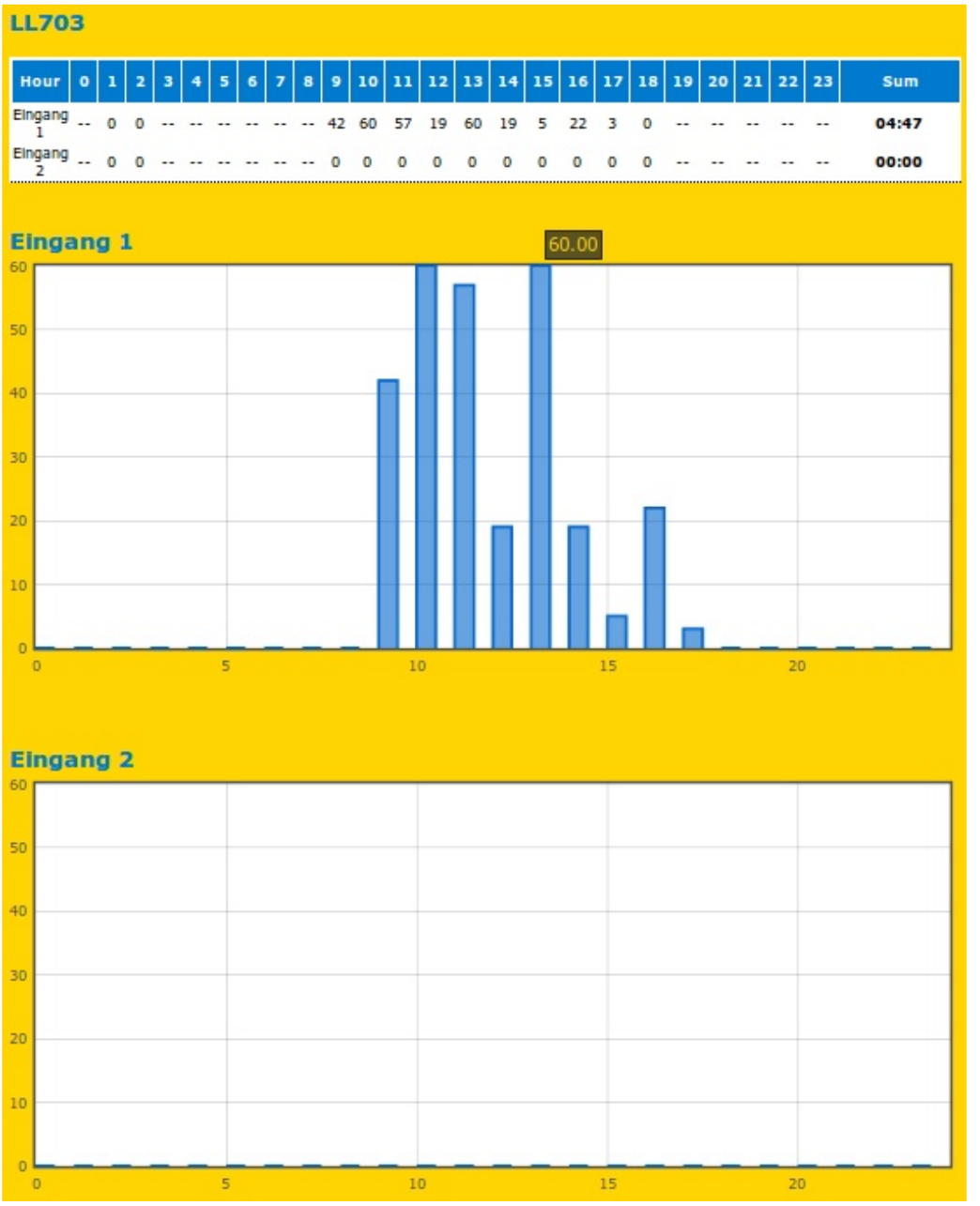


Diagram two and three show the usage period of the machine. The diagram at the top displays the total which is the total time from the first time the machine was turned on until the last time it was switched off. The other diagram shows the effective values which are the actual usage times of the machine.
They can be significantly different from the values in the first diagram.
This table should be used for billing of rental machines.

Diagram 2:

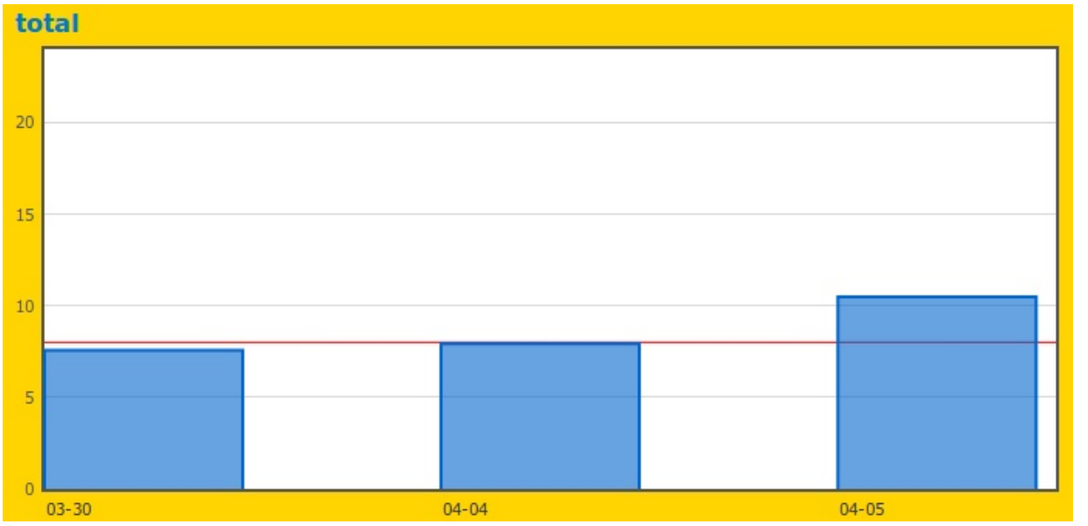
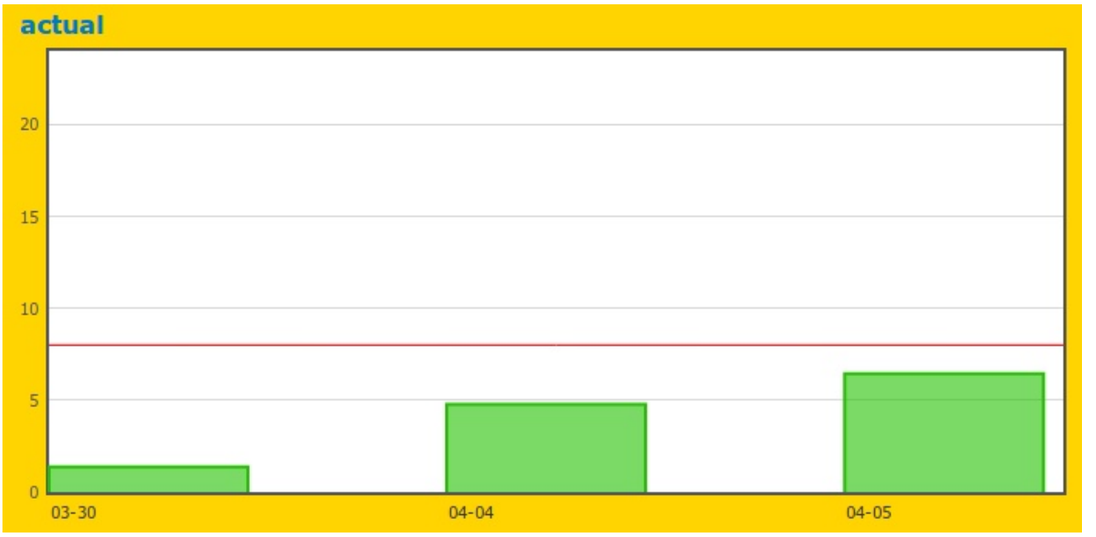


Diagram 3:



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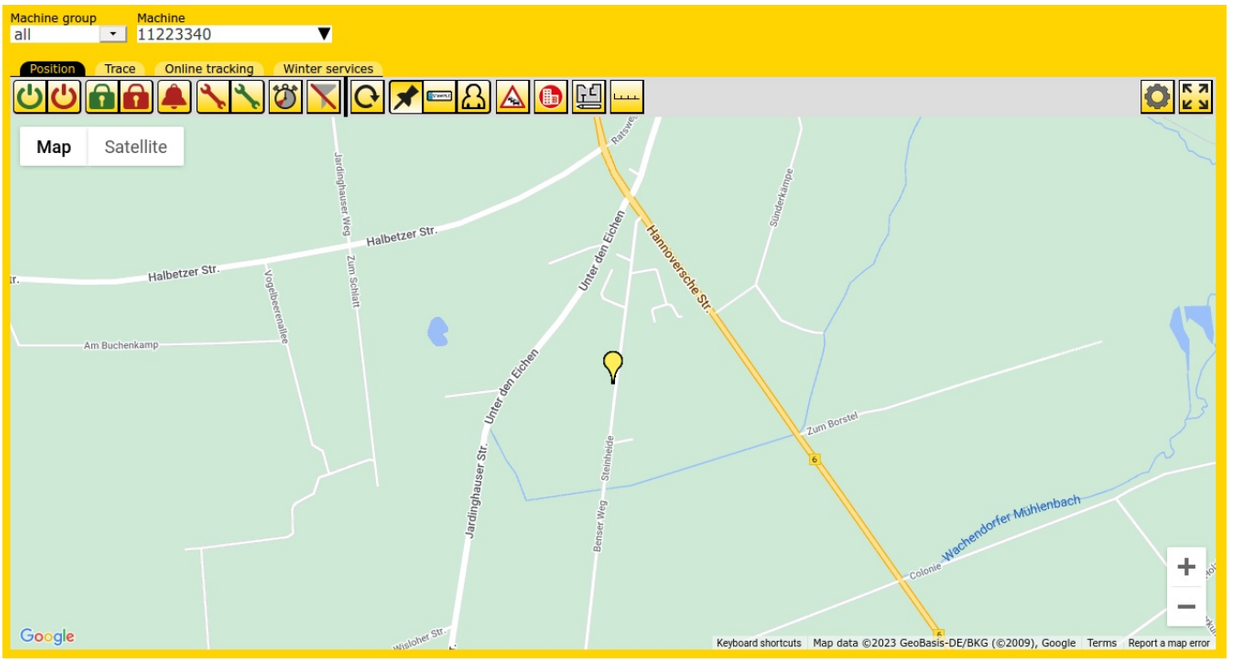
4.1.3. Machine position

The icons from chapter **4.1.1. Machine overview** can also be found on the following menu: Machine data→ Machine position
Selcted icons reduces the machine displayed in the map to machines with correct properties.



Below additional icons are described.

Reload automatically :

To get allways the actual machine status in the map, the time for the refreshing must be installed at this position.

Icons:

This icon is used to mark the exact position of every machine.

License plates:

This icon is used to mark the exact position of every machine with the license plate.
To fill the license plate: SET UP MACHINE → Maschine parameters → Car registration.

Key users:

If your company use RfiD keys, select this icon displays the actual machine users.

Traffic situation:

Select this item to display actual traffic information. Useful to your vehicle in case of traffic jam.

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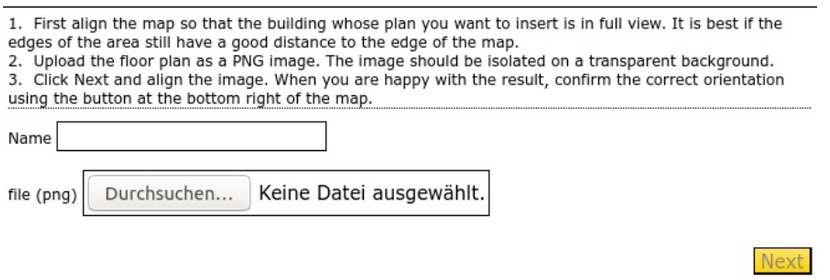
Add location:

You can use this icon to add a location to the map. You can choose between two symbols and give the place a name.

Add building plan:

You can use this icon to insert building plans on the map. If you click on the symbol, you can place it on the map and the following window will open:

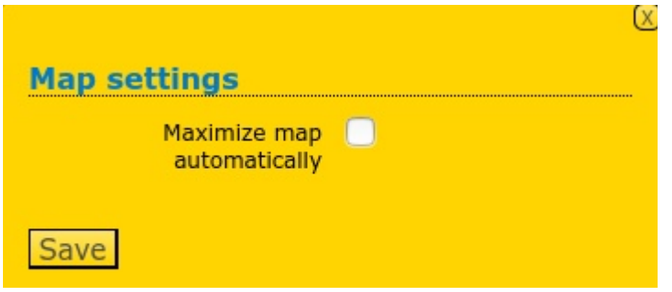


Measure distance:

You can use this icon to measure distances between places/machines wihin the map. For example, you can plan routes better.

Settings:

Select this icon displays the menu below:



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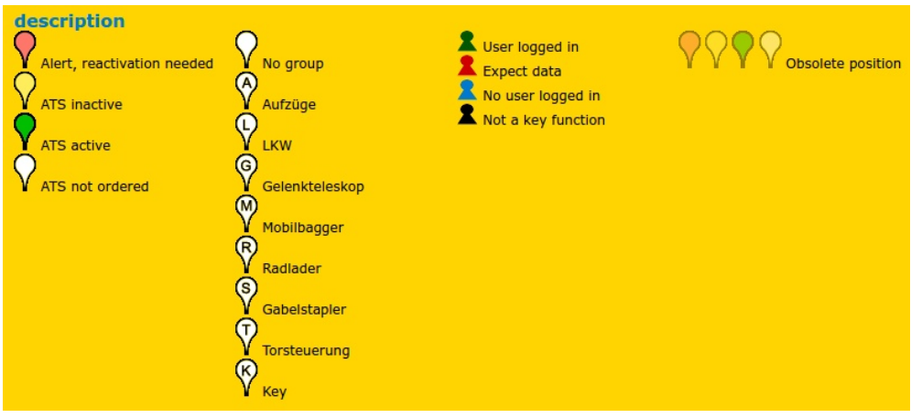
Activate „Maximize map automatically“ to start allways with the map after login.

(Un)maximize:

Maximize or minimize the map manually.

Machines are displayed as pins. The meaning of the different pins is explained in the legend below the map. When moving the mouse over a pin the machine group, name and the time of the last position update are shown.

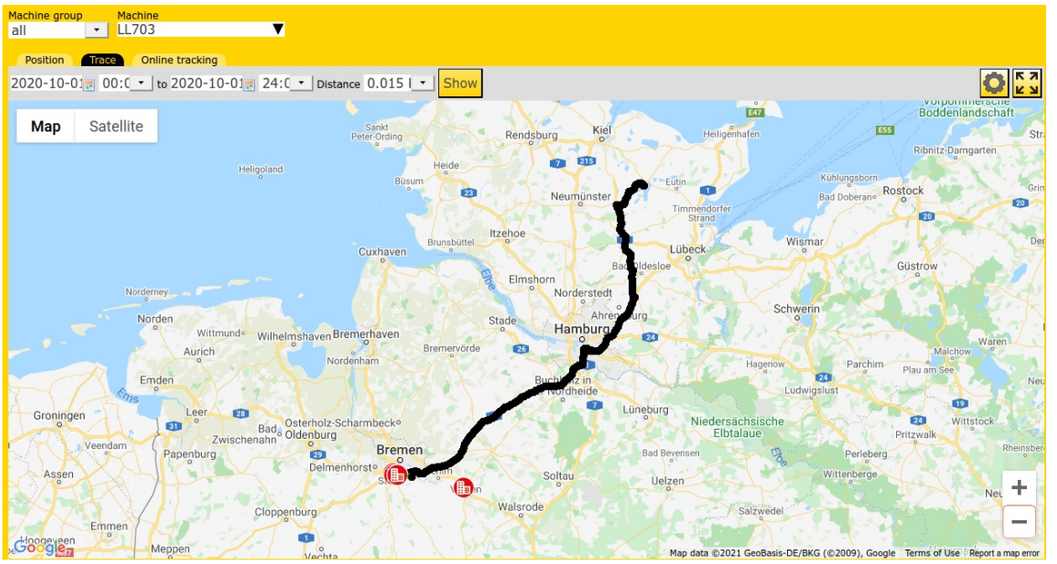
The legend provides an explanation of what the different pin and playing piece colors tell you about the state of the machine and the user, respectively.



"Track" tab:

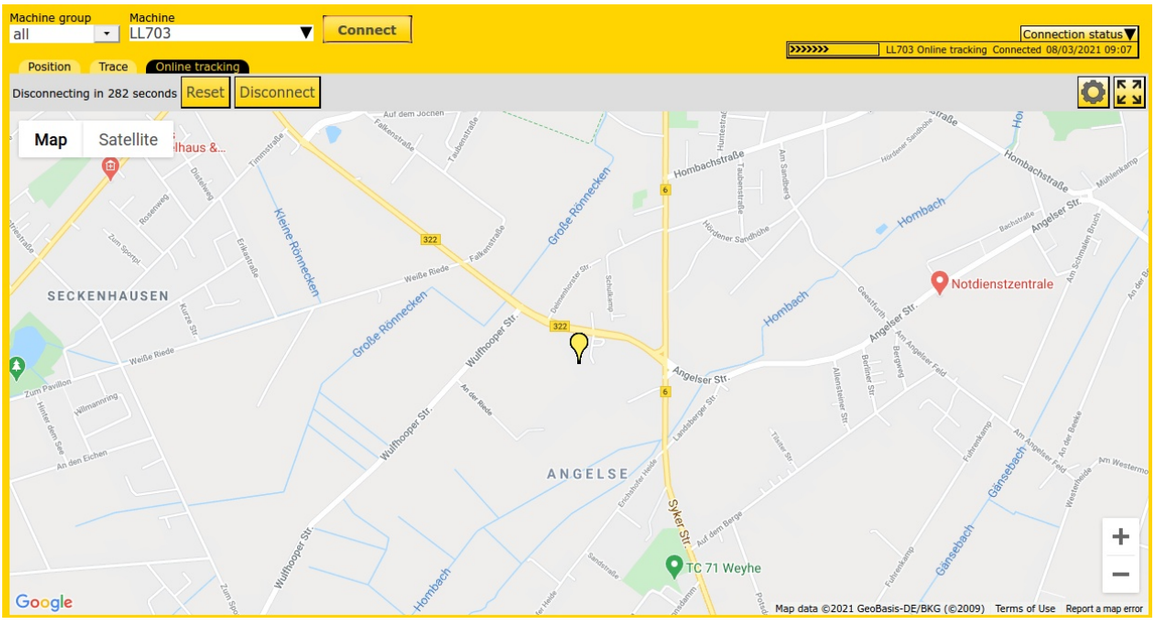
You can also select the "Track" tab under the "Machine position" menu item. This tab shows the route that a vehicle has traveled.

The data is transmitted from the device to the server every minute. The route of the vehicle can be followed live or days later for analysis (file “track”).



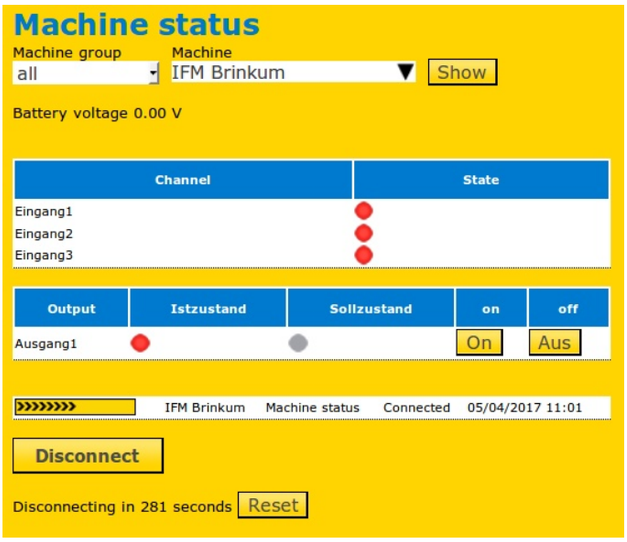
"Online tracking" tab

If you select the "Online tracking" tab, you can connect to the machine you have selected and the current position of the machine will be displayed to you at a specified time interval. This is only possible if online tracking is enabled on your device. Please contact us to activate.



4.1.4. Machine status

This page shows the operating voltage and the states of the inputs (on/off) for a selected machine.
If the machine has outputs their states will be shown as well.

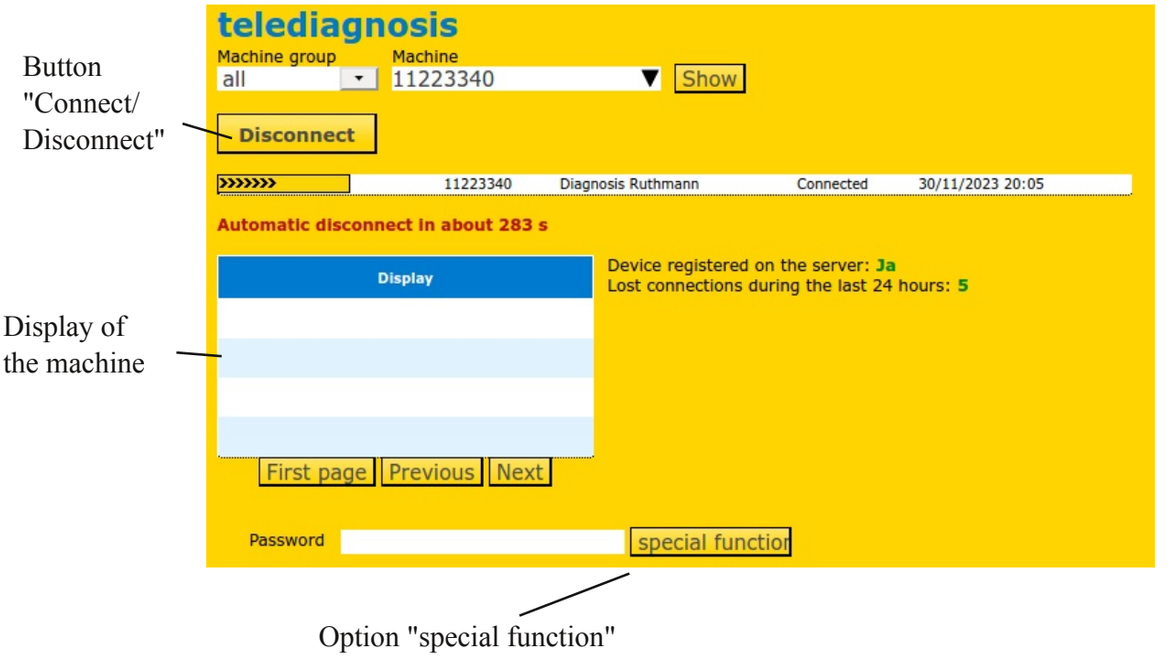


4.1.5. Remote diagnostics/Telediagnosis

The page "remote diagnostics/telediagnosis" shows important information about a selected machine or group of machines.

First you need to click on "Connect" to establish a connection to your machine to receive the desired data. While you are connected you can see the same display as the user of the machine and therefore the same data. Click on "Next" to visualize the different data of the machine.
Finally, you need to click on "Disconnect" to disconnect from the machine.

The teleservice of the company Ruthman is shown below.



The special function can only be used via the portal. To use it Ruthman will provide you with a password. The special function can be used, for example, to change the height of the platform. This setting will not be changeable by the platform user. This is useful when you know in advance the specific height of the platform required by the customer because it then allows you to specify it in advance with the help of the special function.
When you need specific data from the machine you can use the search option to find it with the help of keywords and display it. Thereby avoiding to click through all the pages on the display of the machine.

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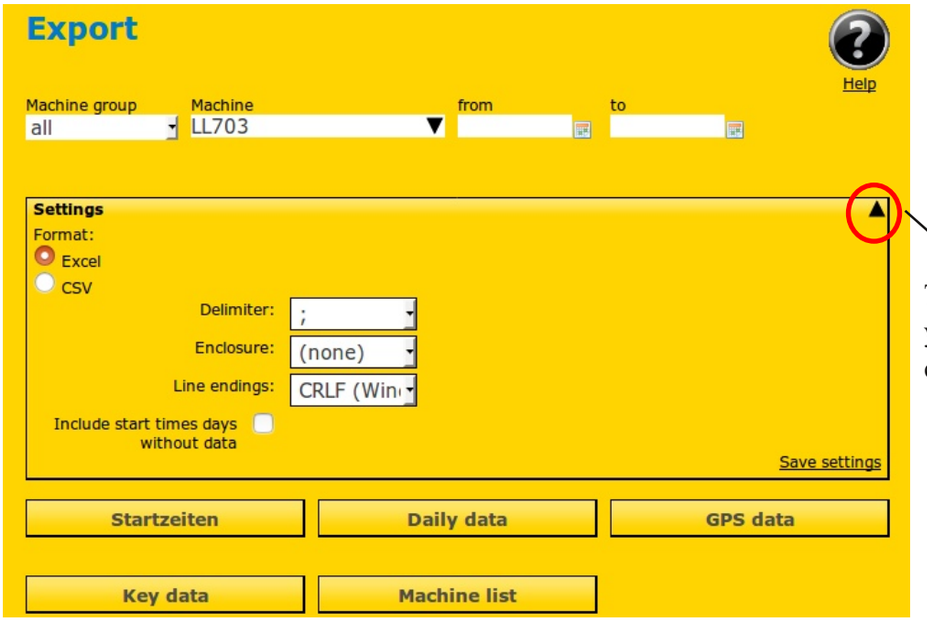
4.1.6. Export

If you would like to save certain data of a machine on your computer you can use the "Export" page.
First you need to select the desired machine and period. When selecting the latter, please keep in mind that the period cannot be too long because no more than 10,000 samples can be exported at once.
To change the export format you need to click on "Settings". There you can change between Excel and CSV format. For the latter you can specify the delimiter, line endings and whether the individual values should be surrounded by parentheses.
Please click on "Save settings" to accept your changes.

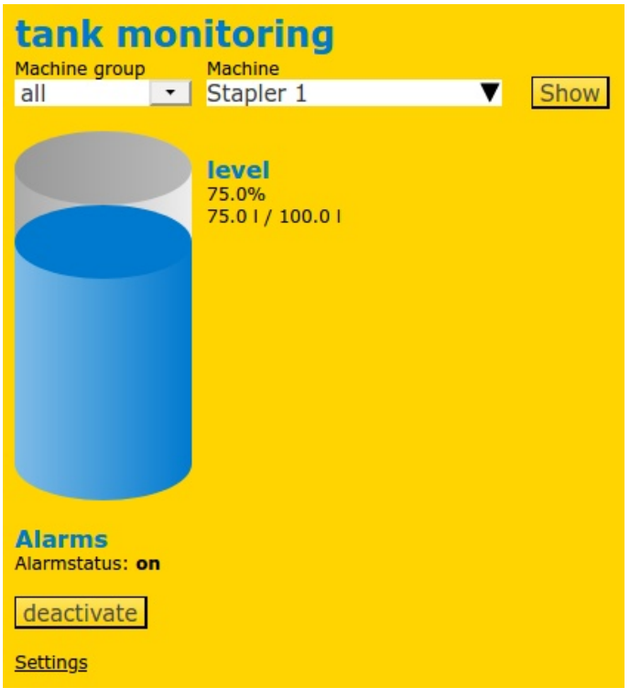
For automatic data processing the CSV format is the better choice because it contains the data in a simple, tabular form whereas the Excel format provides more clarity.

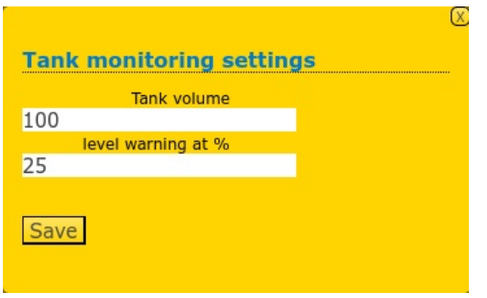
Finally, you can click on one of the following buttons: Startzeiten, daily data, GPS data, Schlüsseldaten and machine list to save the corresponding data.



4.1.7. Tank monitoring

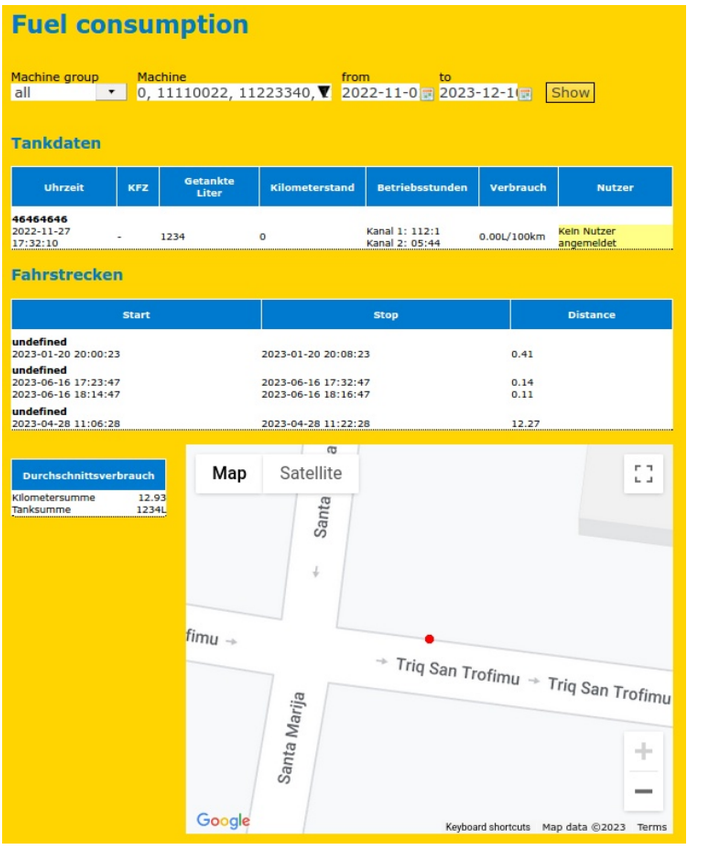
Thanks to the tank monitoring area, you always have the fill level of your machines in view.
You can activate an alarm and specify in the settings at which level the alarm is triggered. You will receive the filling level warning by SMS.





4.1.8. Fuel consumption

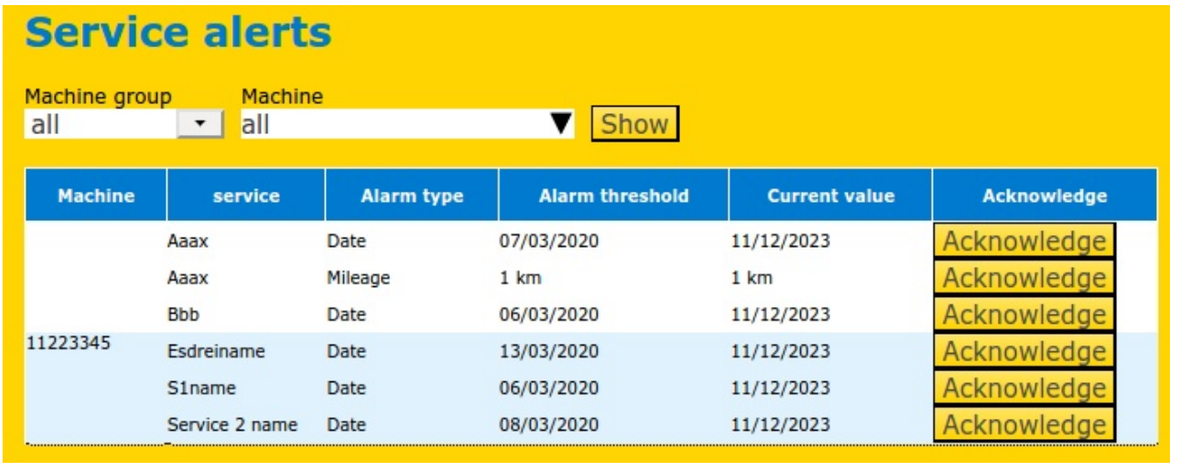
In the area of fuel consumption, you must first select a machine. A table with the tank data of the machine is then displayed. In the table, you can see when and how many liters the machine refueled.
The mileage, operating hours and fuel consumption of the machine are also displayed. It can also be seen who was using the machine at that time.



The average consumption of the selected machine is shown below.

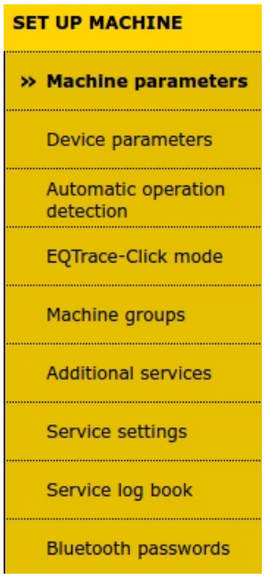
4.1.9. Service alerts

Every morning, an e-mail with the current alarms is sent to the stored e-mail address, if there are any alarms. The current alarms can be viewed under Machine data> Service alarms. When you acknowledge a service alarm, it no longer appears in the e-mail and is deleted from the overview. The time and the user of the acknowledgment are saved. An e-mail is only sent when there are one or more new alarms.
The service alarms are summarized in an email for each user to be alarmed.



4.2. Set up machine

The page is used to set up a Obserwando device on a new machine. You can also add additional Obserwando service options to a machine.
The page has the following subpages "Machine parameters", "Device parameters", "Automatic operation detection", EQTrace-Click mode", "Machine groups", "Additional services", "Service settings", "Service log book" and "Bluetooth-Passwords".



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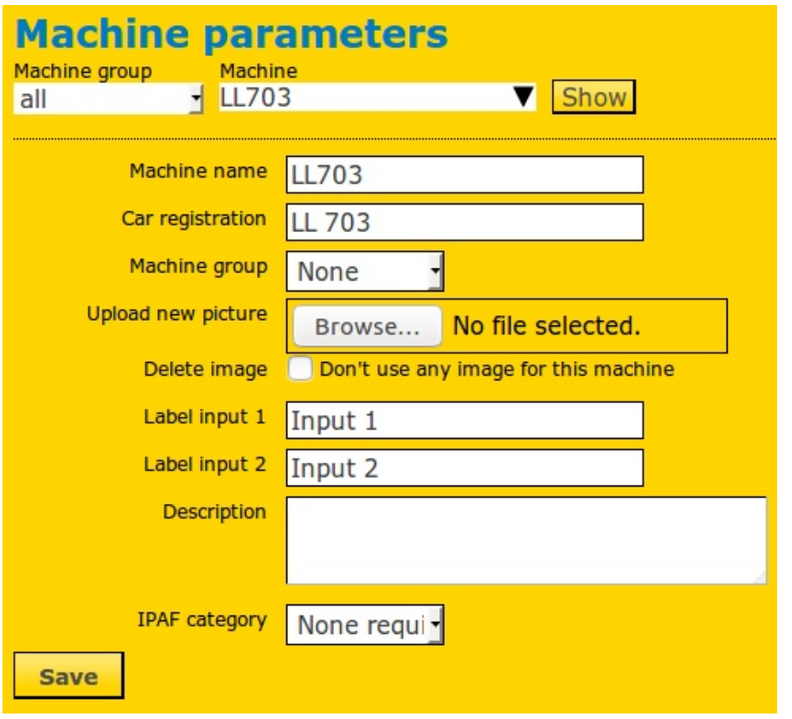
4.2.1. Machine parameters

You need to select a machine to view its parameters. After selection you will see an overview of the registered data. Possible data are the name, car registration and group of the machine. You can also upload a picture of the machine or delete an existing one. The picture should be provided in JPG format and it should not exceed a size of 100kByte.
Further information you will see are the inputs of the machine with the corresponding names.
If needed you can also add a description, Finally, you can select an IPAF category and click on "Save".
Setting the IPAF category is only relevant for devices which have an IPAF card. The card can be used to give a user access to several devices. The correct category for a given machine can be determined using a list provided by IPAF. The set category can be changed anytime and needs to be set for every new machine.



4.2.2. Device parameters

To view the parameters of a certain machine you need to select it first. Then tou will see an overview of the registered data. You will then be able to determine when an automatic operation detection will be done. Additionally, you can specify the battery type. The parameters of the category "Automatic operation detection: are "Voltage threshold motor runs", "IMEI", "Operating hours Eingang", "Ladezyklen" and "Recharge channel". Please activate the category "Deep discharge notification" first. Then you can enter the "Voltage" and select the "User". Finally, you need to click on "Save" to save the entered data.

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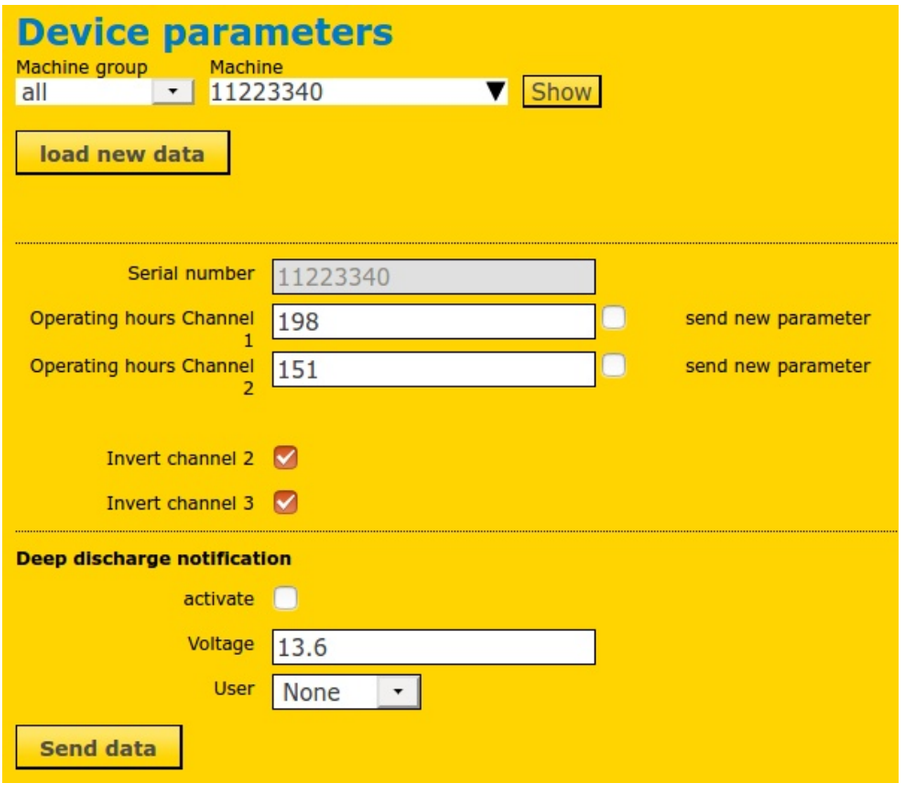
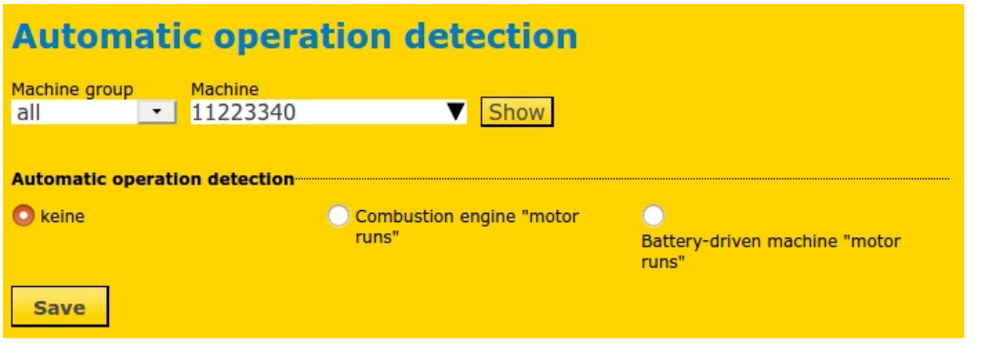


4.2.3. Automatic operation detection

In the "Automatic operating detection" area, you can select what type of machine or motor it is.



4.2.4. EQTrace-Click-Mode

In this area you can set how often and when the position of your machine should be transmitted to Obserwando. Possible modes are:

- Deep sleep mode, no data acquisition only position acquisition in the adjustable period.

- Data recording via accelerometer, data transfer when movement stopps.

- Data recording via acceleration sensor with cyclic data transmission daily.

- Track recording at 15 minute intervals, data transmission once an hour when in motion.

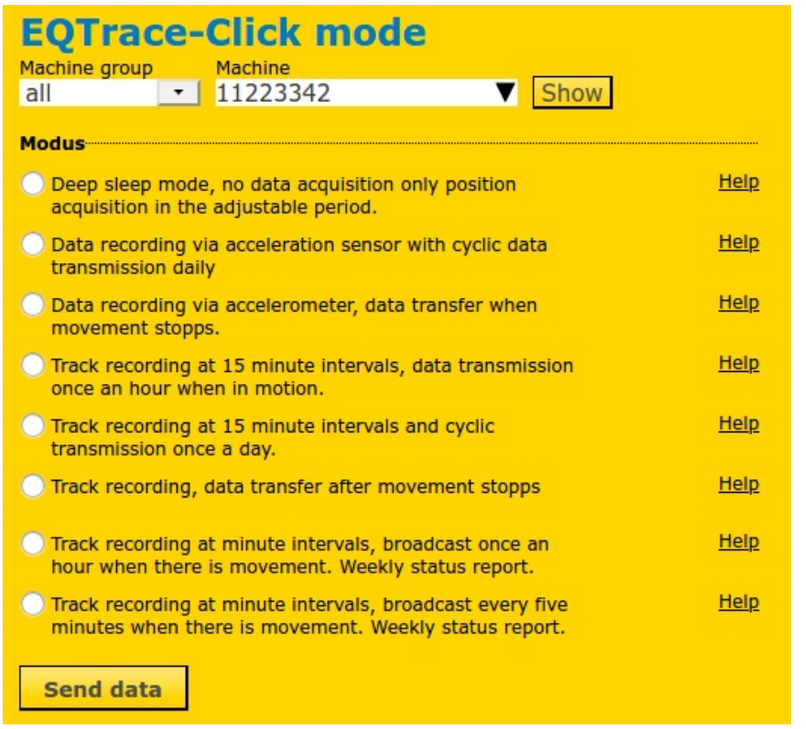
- Track recording at 15 minute intervals and cyclic transmission once a day.

- Track recording, data transfer after movement stopps.

- Track recording at minute intervals, broadcast once an hour when there is movement. Weekly status report.

- Track recording at minute intervals, broadcast every five minutes when there is movement. Weekly status report.

For a more detailed description of the individual modes, please click on "Help" for the respective mode.



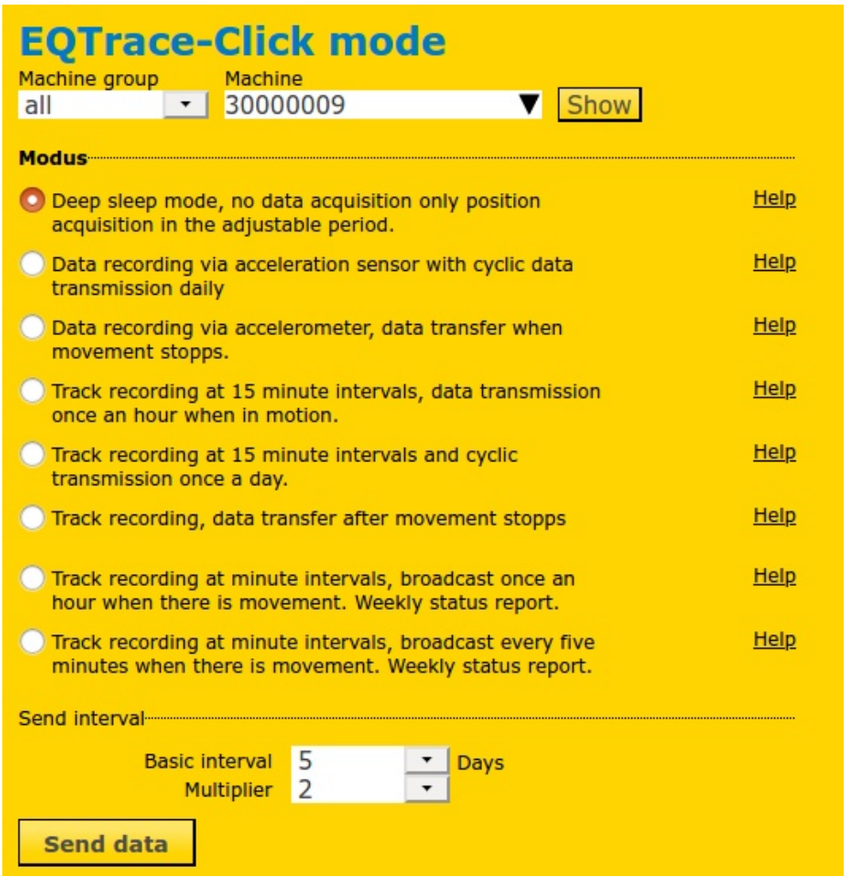
Theft Alarm

Every time, EQTrace click recognizes theft, an alarm message will be send. This happens independend of the installed setting.

4.2.4.1. Deep sleep mode, no data acquisition only position acquisition in the adjustable period.

In deep sleep mode, the device wakes up at the intervals of the sending interval and sends a status message with GPS coordinates and battery voltage to the server. The sending interval begins when the battery charging process is completed.

With the help of the base interval and the multiplier you can set the exact sending interval.



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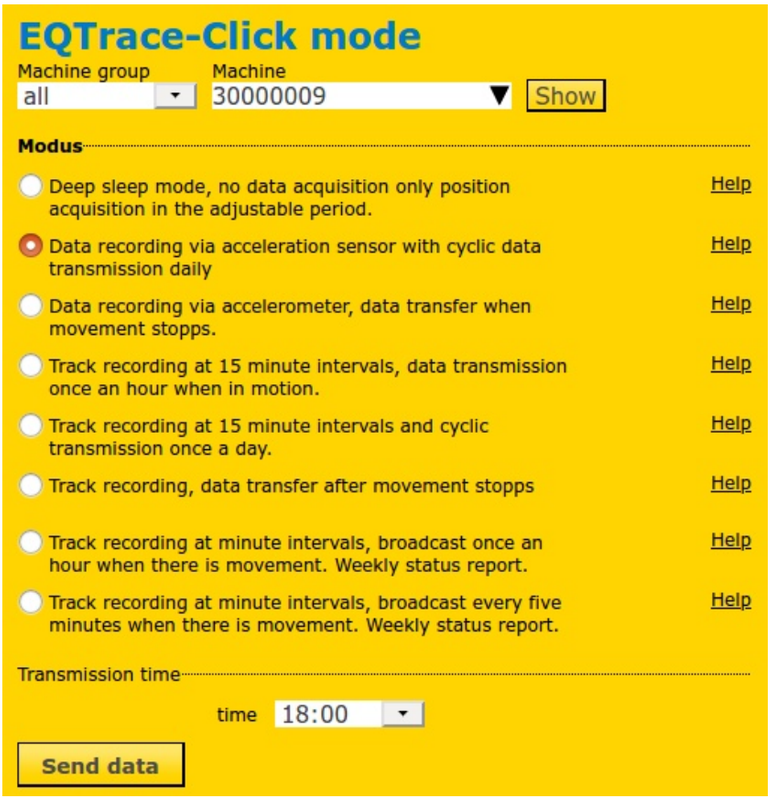
4.2.4.2. Data recording via acceleration sensor with cyclic data transmission daily

In this mode, as soon as the accelerometer detects movement, a time stamp for the start and end of the movement is saved. The stored data (status message) will be transmitted to the server at the “send time” you set. In addition, in this mode, a status message is sent once a day, regardless of whether movement has occurred. The sending interval begins when the battery charging process is completed.



4.2.4.3. Data recording via accelerometer, data transfer when movement stopps.

In this mode, as soon as the accelerometer detects movement, a time stamp for the start and end of the movement is saved. The stored data (status message) will be transmitted to the server at the “send time” you set.

4.2.4.4. Track recording at 15 minute intervals, data transmission once an hour when in motion.

In this mode, data is collected as soon as the accelerometer detects movement. In addition, the GPS receiver is switched on every 15 minutes to determine the current position. The data will be sent after one hour. If there is no movement, no status messages are sent.

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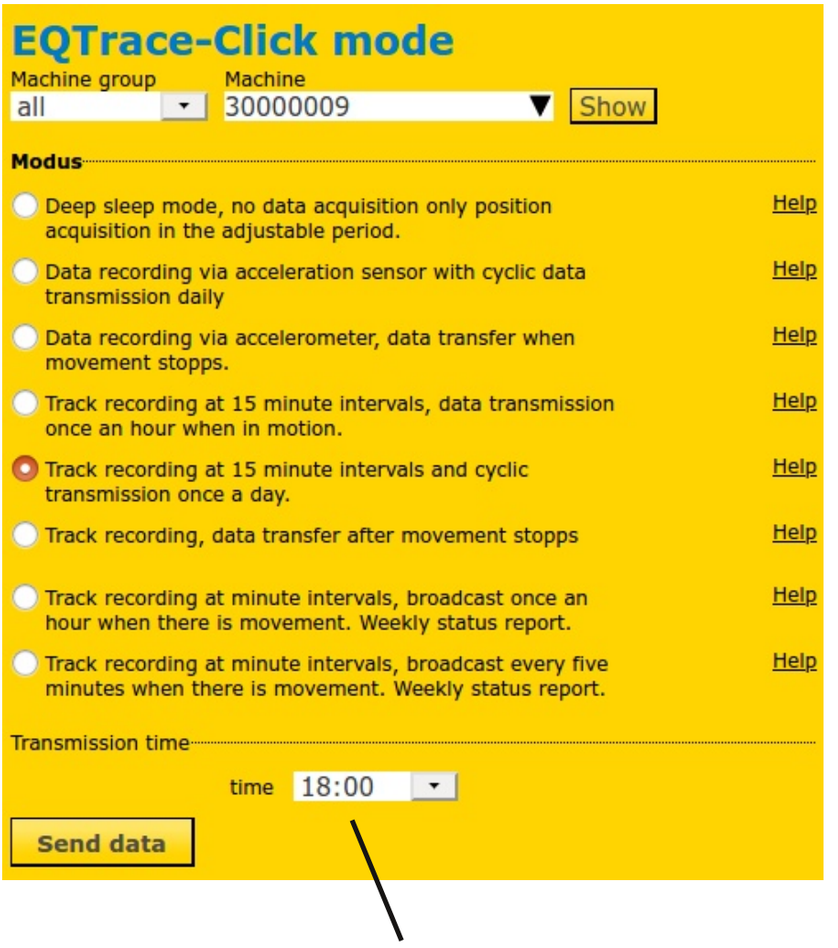
4.2.4.5. Track recording at 15 minute intervals and cyclic transmission once a day.

In this mode, data is collected as soon as the accelerometer detects movement. In addition, the GPS receiver is switched on every 15 minutes to determine the current position.
All collected data is sent to the server once a day. The connection to the server is established regardless of whether movement has been registered. You can set the broadcast time in the Obserwando portal.



Here you can set when the data should be sent to the server.

4.2.4.6. Track recording, data transfer after movement stopps

In this mode, data is collected as soon as the accelerometer detects movement. In addition, the GPS receiver is switched on every 15 minutes to determine the current position.
The data is sent to the server after the end of the movement is detected.

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4.2.4.7. Track recording at minute intervals, broadcast once an hour when there is movement. Weekly status report.

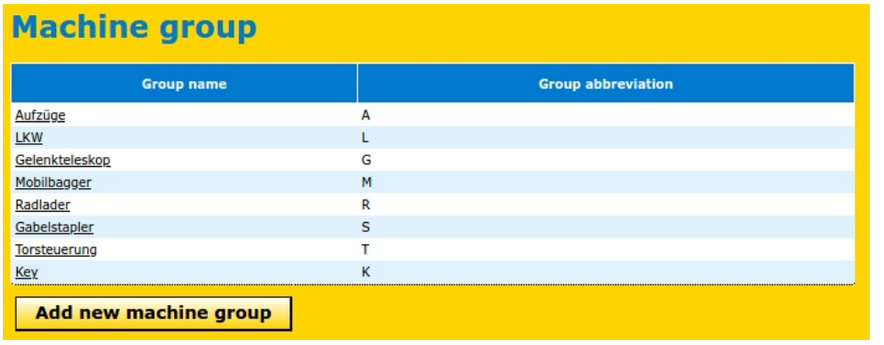
In this mode, if the device has registered movement, a status message with GPS coordinates is generated every minute. After an hour, all collected data will be sent to the server. Regardless of the movement, a status message is sent once a week.

4.2.4.8. Track recording at minute intervals, broadcast every five minutes when there is movement. Weekly status report.

In this mode, if the device has registered movement, a status message with GPS coordinates is generated every minute. After 5 minutes, all collected data will be sent to the server. Regardless of the movement, a status message is sent once a week.

4.2.5. Machine groups

If you have a lot of machines in use, it makes sense to divide these machines into groups. In the daily data views etc. only machines from a previously selected group are then displayed.
On this page you can create a group name and group abbreviation for the pins in the map view. You can assign an individual machine to a group under the “Machine parameters” sub-item of the “Set up machines” menu item.



If you want to create a new group, click the Create New Machine Group button.
The following page opens:

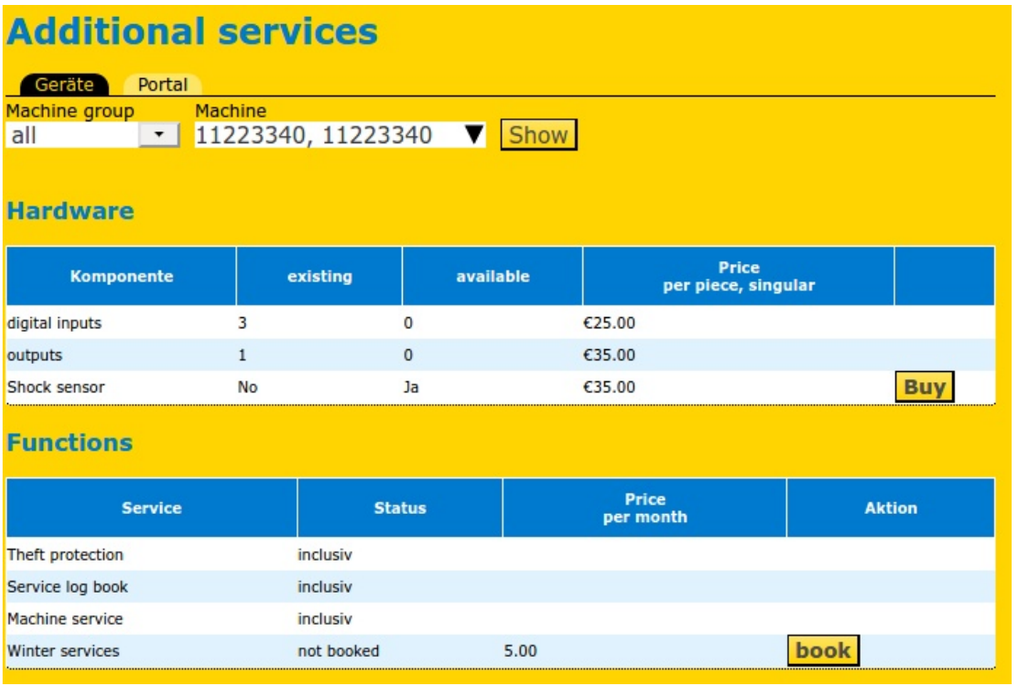
4.2.6. Additional services

When it comes to bookable services, a distinction is made between services for the individual machine and services for the portal.

When you are in the Devices section, you can view a machine or group of machines.
You will then receive an overview of the hardware and functions that can be booked.

For the hardware, the table shows you the categories “existing” and “available” as well as the price per piece.
All services that have already been booked are displayed under “Existing”. The “Available” category displays services that you can book using the “Buy” button.

In the “Functions” table under “Status” you can see which of the available “services” you have “booked” and which “have not booked”. For “unbooked” services there is a “Book” button under “Promotion”.
If you would like to book a function, you must click on the “Book” button.
The price of the features is shown in the table per month.



In the “Portal” area, a table shows you all the services that you can book for the portal. In the “Status” category you can see whether a service is “booked” or “not booked”. You can use the “Promotion” category to book functions that have not yet been booked using the “Book” button. The price is displayed per month.

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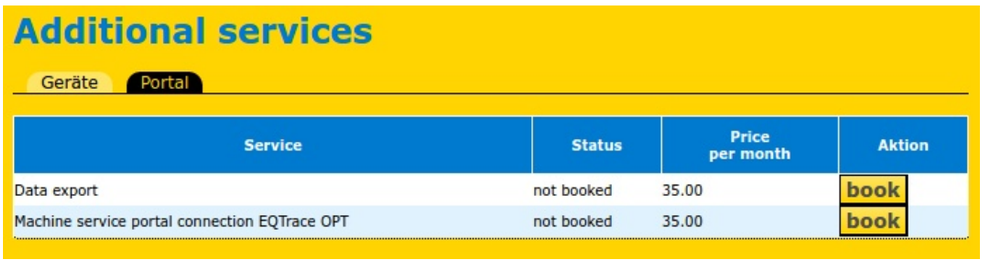
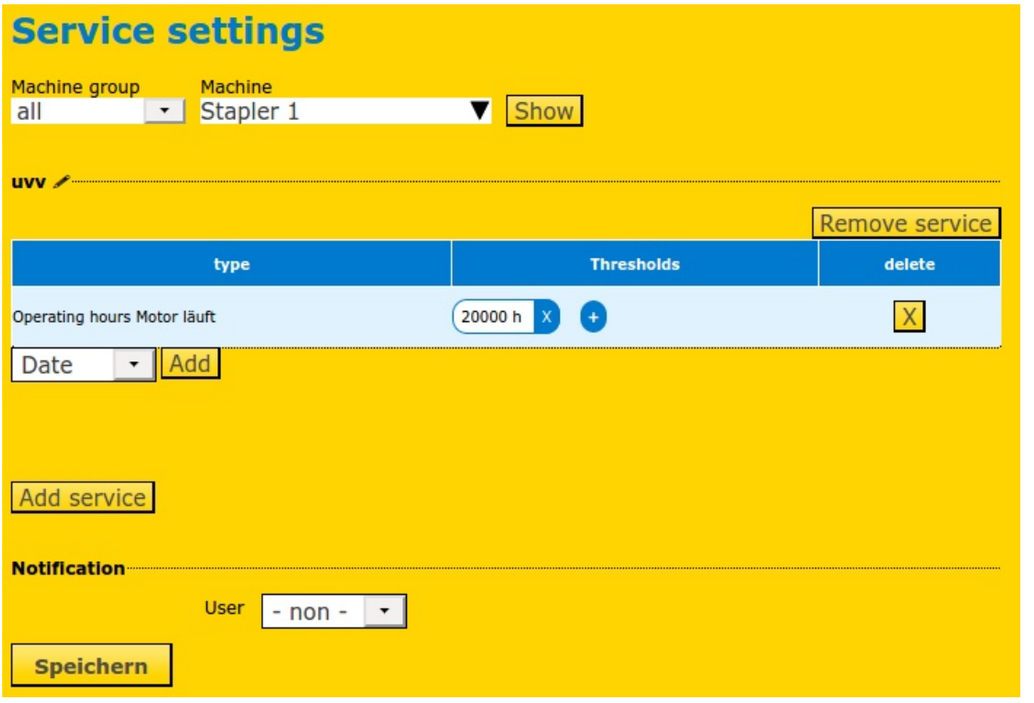


4.2.7. Service settings

The service settings page lets you define the maintenance intervals for a machine such as oil change, UVV or TUEV.
When the box "aktualisieren" is checked the server will automatically send a notification to the specified user when the service date has been reached.
To save the data, please click on "Save".



Important: Don't forget to save the changes, otherwise all entries will be lost!

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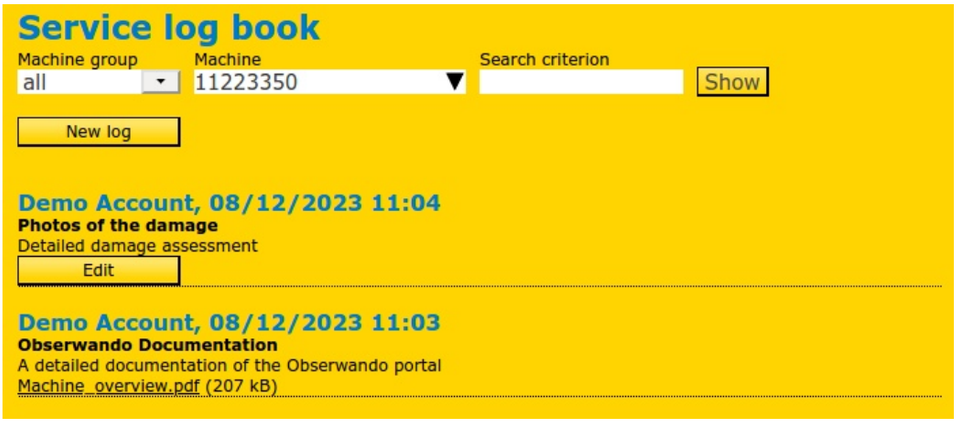
4.2.8. Service log book

The page "Service log book" provides an overview of all inputs which have been created for a specific machine. You can also create a new log to e.g. inform you colleague about a malfunction of the machine during your working time. It is also possible to upload picutre of e.g. damages of a machine or circuit diagrams. The service log books are also available in the "Obserwando mobile" app.



4.2.9. Bluetooth passwords

Here you can set the passwords for the Obserwando app.

4.3. Key functions

If the "Obserwando" device is equipped with an eletronic key reader to prevent damages and unauthorized use you also need a key reader for your PC to create new keys.
The page "Key functions" has the following subpages: "Evaluation by user", "Evaluation by machine", "User keys", "Key access" and "Master key".

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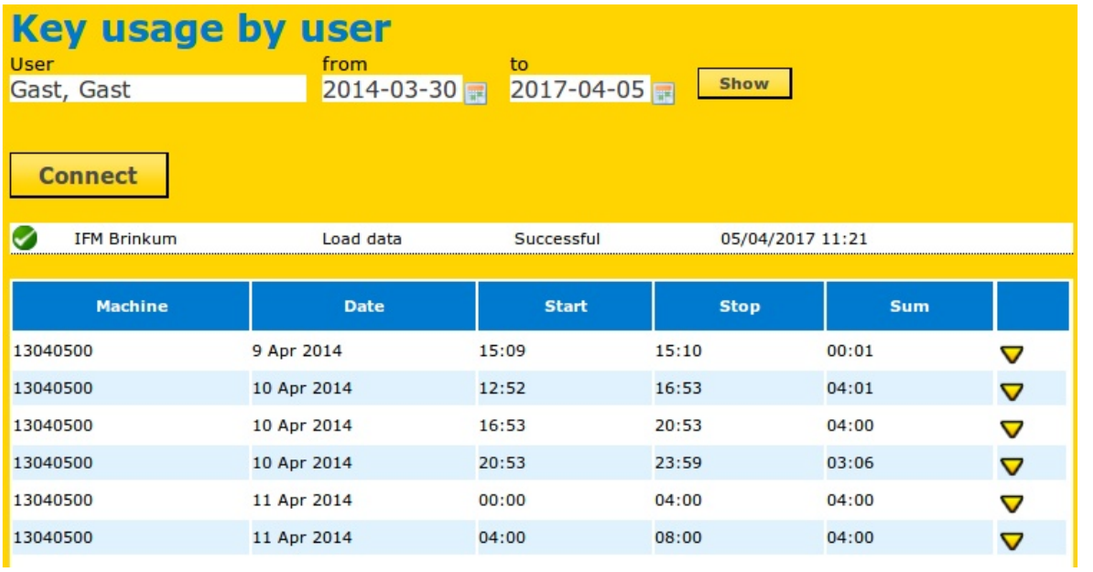
4.3.1. Evaluation by user

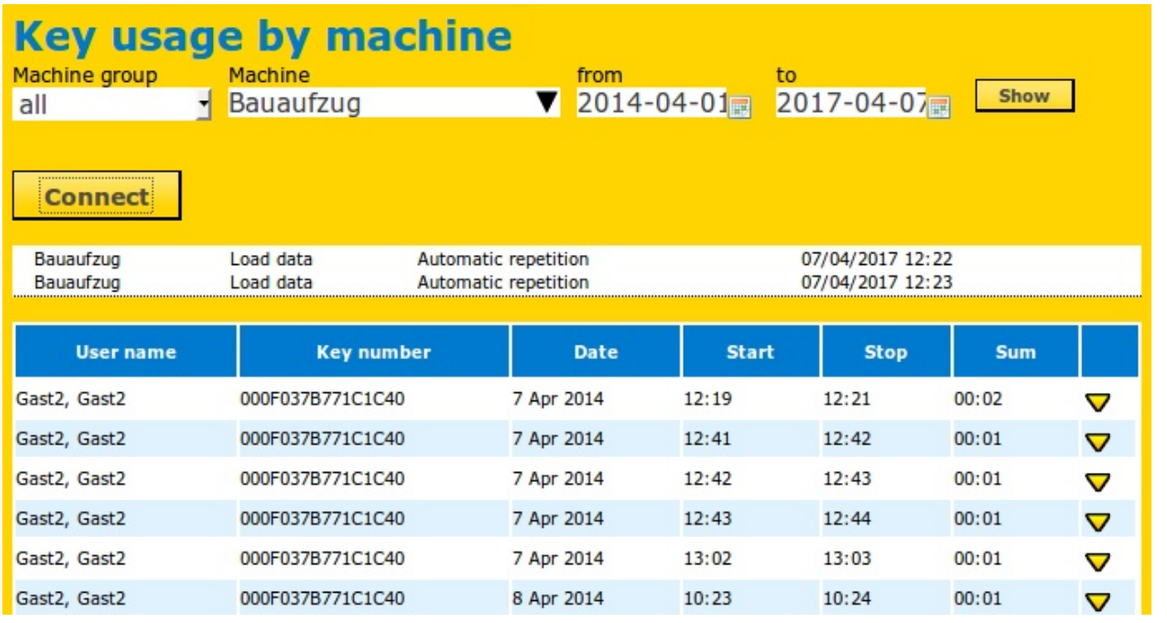
On the page "Key usage by user" you can select a user and period. Then you will see an overview of which machines the user has used and for how long. The period can be set to several days, weeks, months or years.



Machine	Date	Start	Stop	Sum
13040500	9 Apr 2014	15:09	15:10	00:01
13040500	10 Apr 2014	12:52	16:53	04:01
13040500	10 Apr 2014	16:53	20:53	04:00
13040500	10 Apr 2014	20:53	23:59	03:06
13040500	11 Apr 2014	00:00	04:00	04:00
13040500	11 Apr 2014	04:00	08:00	04:00

4.3.2. Evaluation by machine

The page "Key usage by machine" shows who has used a selected machine for how long during a specified period.



User name	Key number	Date	Start	Stop	Sum
Gast2, Gast2	000F037B771C1C40	7 Apr 2014	12:19	12:21	00:02
Gast2, Gast2	000F037B771C1C40	7 Apr 2014	12:41	12:42	00:01
Gast2, Gast2	000F037B771C1C40	7 Apr 2014	12:42	12:43	00:01
Gast2, Gast2	000F037B771C1C40	7 Apr 2014	12:43	12:44	00:01
Gast2, Gast2	000F037B771C1C40	7 Apr 2014	13:02	13:03	00:01
Gast2, Gast2	000F037B771C1C40	8 Apr 2014	10:23	10:24	00:01

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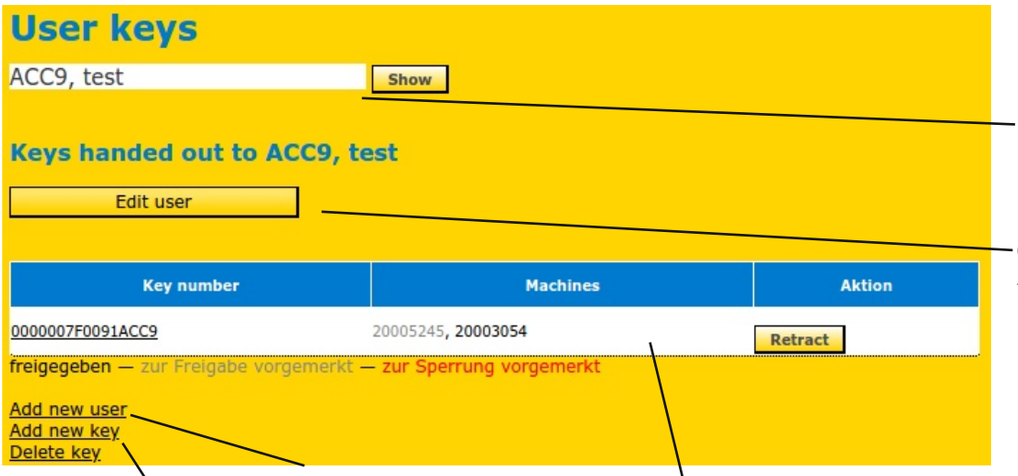
4.3.3. User keys

The page "User keys" allows to the creation of new users and keys as well as the editing of already existing users and keys.
To see all keys assigned to a user you need to enter the name and click on "Show".
To edit the user please click on "Benutzer bearbeiten".
Click on "Add new user" or "Add new key" to create a new user or key, respectively.



Enter the desired user here.

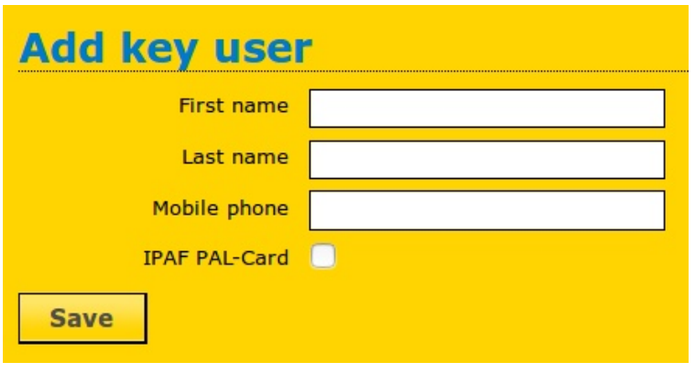
Click here to edit the selected user.

Click here to add a new key.

Click here to add a new user.

Overview of the keys of the selected user.

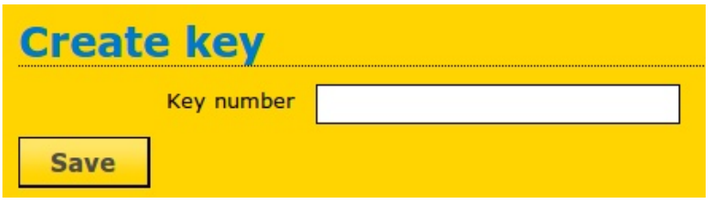
After clicking on "Add new user" the following dialog will appear.



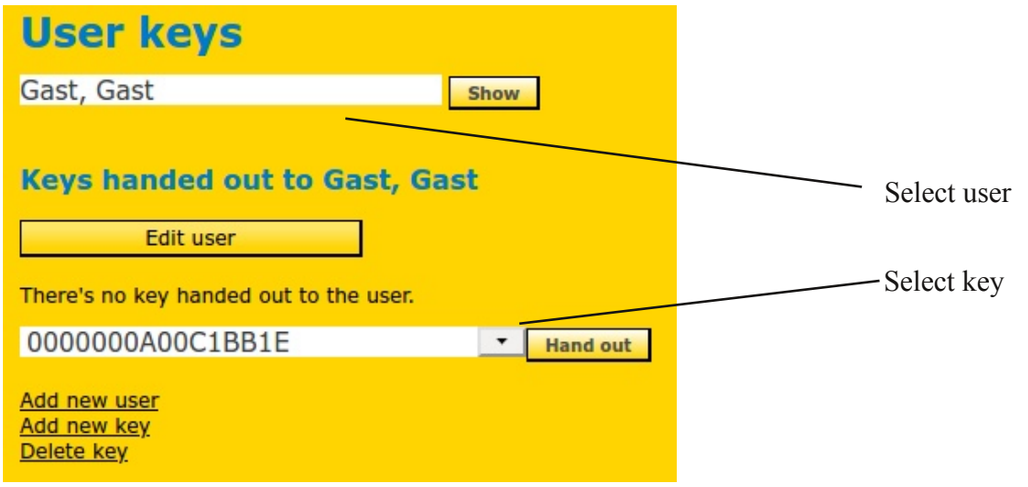
You have to enter the first and last name as well as the mobile number of the user. It should also be specified whether the user has an IPAF card.
Then click on "Save".

The following dialog will open when clicking on "Add new key":

Please enter the number of the key and click "Save".



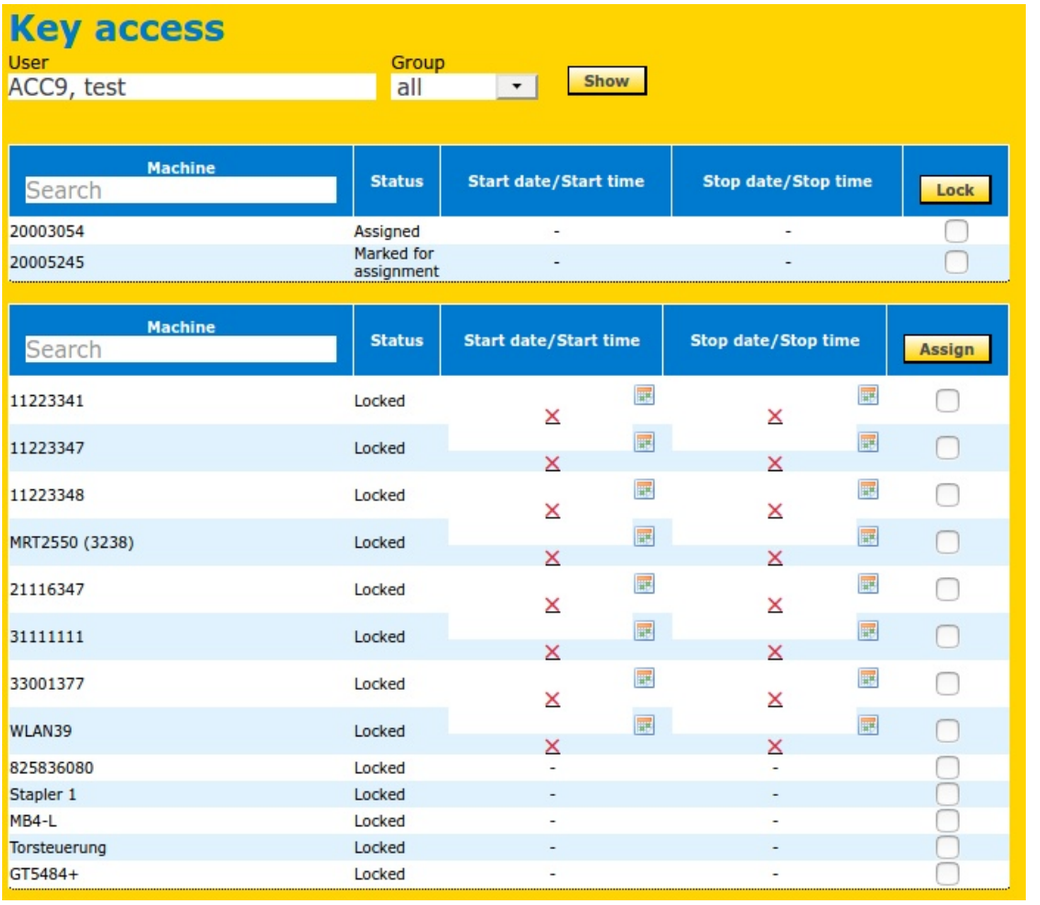
Afterwards you need to combine user and key.



To assign a key to a certain user you need to first select the user on the user key page. Then choose the key using the selection field next to the button "Hand out" button and click on the latter.

4.3.4. Key access

The page "Keay access" shows which key of which machine an individual user or a group of users has as well as the status of the key. You can also lock a key by first checking the corresponding box in the rightmost column and then clicking on "Lock". This function is important in case a key gets lost or is stolen. Locking a key prevents the use of the machine by unauthorized people.

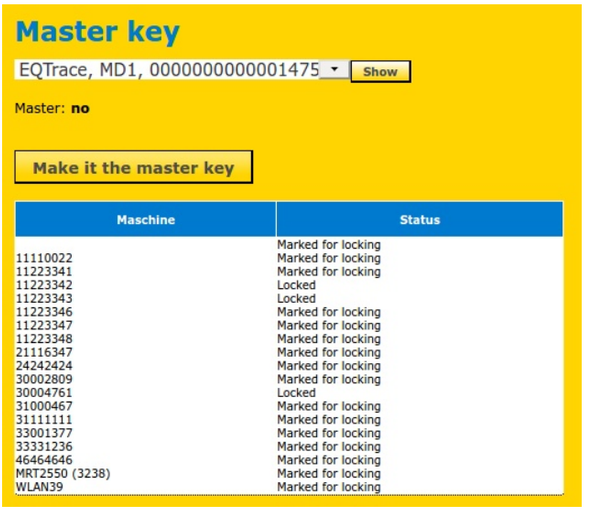


4.3.5. Master key

The master key gives you access to all machines on the one hand and, on the other hand, you can use the master key to reset the EQTrace WLAN after an accident, for example, when the shock sensor was triggered and the second channel was activated as a result. The warning light, for example, can be switched on via the second channel. With the help of the master key you can turn it off.

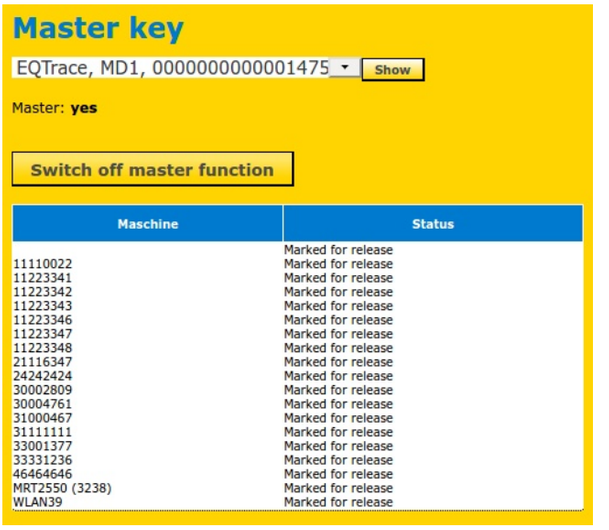
Key deactivated as master key:

activate

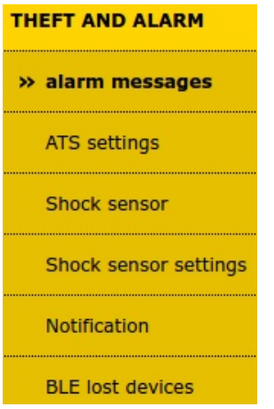


Key activated as master key:

deactivate



4.4. Theft and alarm



The ATS version of Obserwando provides optimal protection for your machines. Here you can select the protection grade to react appropriate when receiving an alarm.
The page "Theft and alarm" has the following subpages:
"Alarm messages", "ATS settings", "Shock sensor", "Set up shock sensor", "Notification" and "BLE lost devices".

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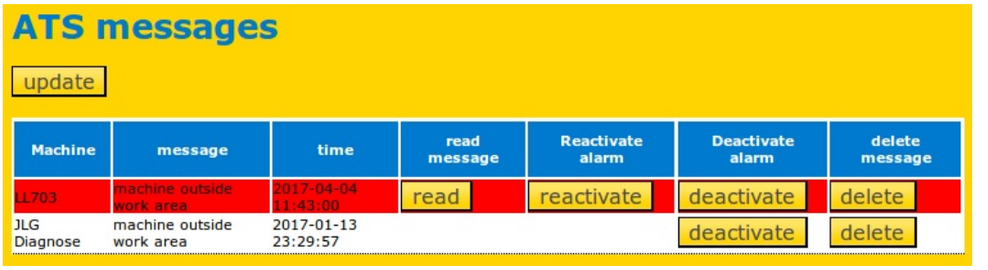
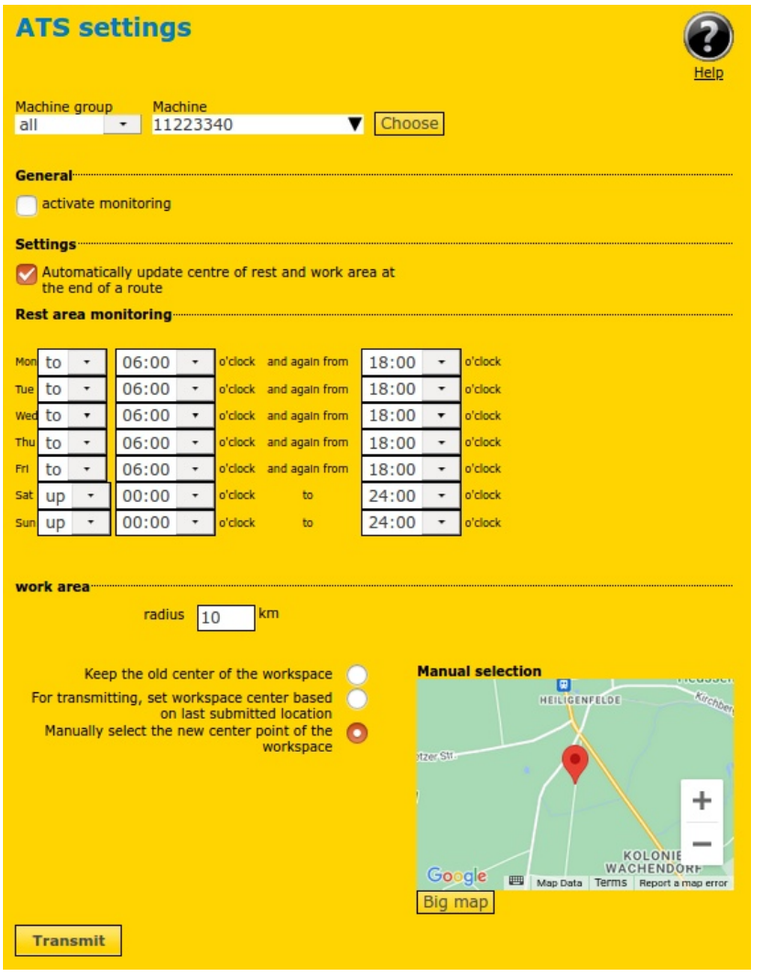
4.4.1. Alarm messages

The page "ATS messages" shows all current and old ATS messages. Via the button "update" you can update the displayed data. When an alarm is reported the involved machine, the alarm type and the time when the alarm was triggered will be displayed. After you have read the machine you can mark it as read by clicking on "read". You also need to reactivate the alarm function by clickin on "reactivate". If you don't reactivate the alarm you will not receive any new alarm messages. You can deactivate the alarm function for new and old messages by clicking the "deactivate" button. Outdated messages can be deleted by clickin on "delete".
The background of a new message will be red and of a read message white.



4.4.2. ATS settings

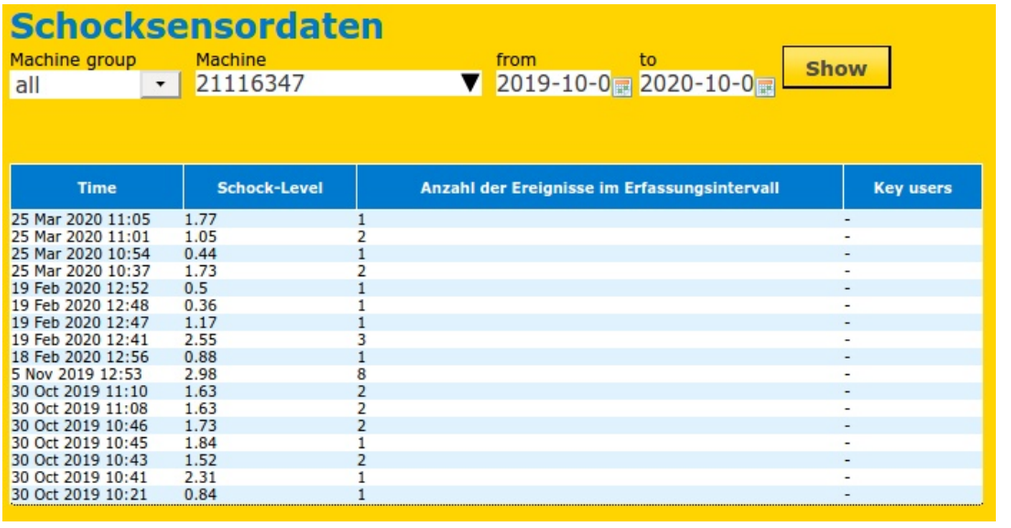
The available ATS settings depend on the used device.



First you need to select a machine. The "Help" button provides information about this page.
You can (re)activate and deactivate theft monitoring in the corresponding section.
Under "Settings" you can select all desired options. To select an option, just check the corresponding box.
You can enable to receive a message when no GPS reception is available, the machine leaves the rest area or one of the outputs is manipulated.
In the section "work area" you can enable that the work area will be monitored and set the radius.
The key functions can be activated and deactivated under the correpsonding section.
Finally, you need to click on "Send data" to transmit the set data for the machine.

4.4.3. Shock sensor

In this area you can see when the shock sensors on a machine have registered a shock. You will be shown when the shock occurred, which shock level was reached, how many events there were in the acquisition interval and who operated the machine.



Time	Schock-Level	Anzahl der Ereignisse im Erfassungsintervall	Key users
25 Mar 2020 11:05	1.77	1	-
25 Mar 2020 11:01	1.05	2	-
25 Mar 2020 10:54	0.44	1	-
25 Mar 2020 10:37	1.73	2	-
19 Feb 2020 12:52	0.5	1	-
19 Feb 2020 12:48	0.36	1	-
19 Feb 2020 12:47	1.17	1	-
19 Feb 2020 12:41	2.55	3	-
18 Feb 2020 12:56	0.88	1	-
5 Nov 2019 12:53	2.98	8	-
30 Oct 2019 11:10	1.63	2	-
30 Oct 2019 11:08	1.63	2	-
30 Oct 2019 10:46	1.73	2	-
30 Oct 2019 10:45	1.84	1	-
30 Oct 2019 10:43	1.52	2	-
30 Oct 2019 10:41	2.31	1	-
30 Oct 2019 10:21	0.84	1	-

4.4.4. Set up shock sensor

In the "Set up shock sensor" area, you can activate and configure the shock sensor. You can define the measuring range, the evaluation threshold, the peak threshold and the minimum duration.

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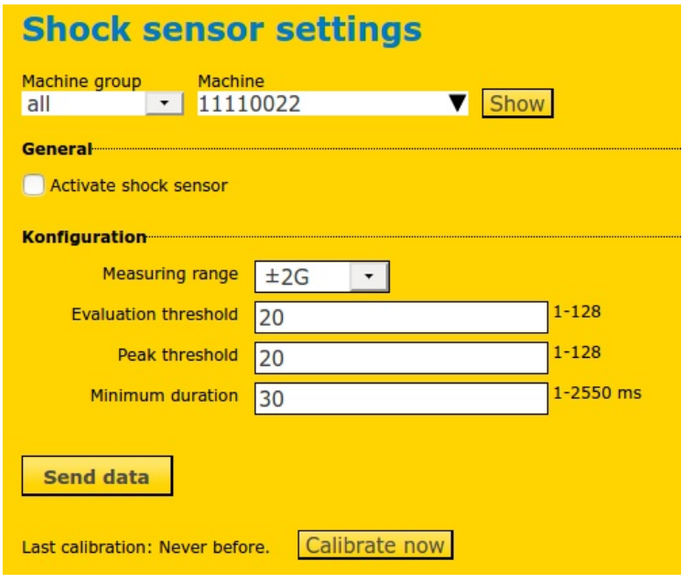
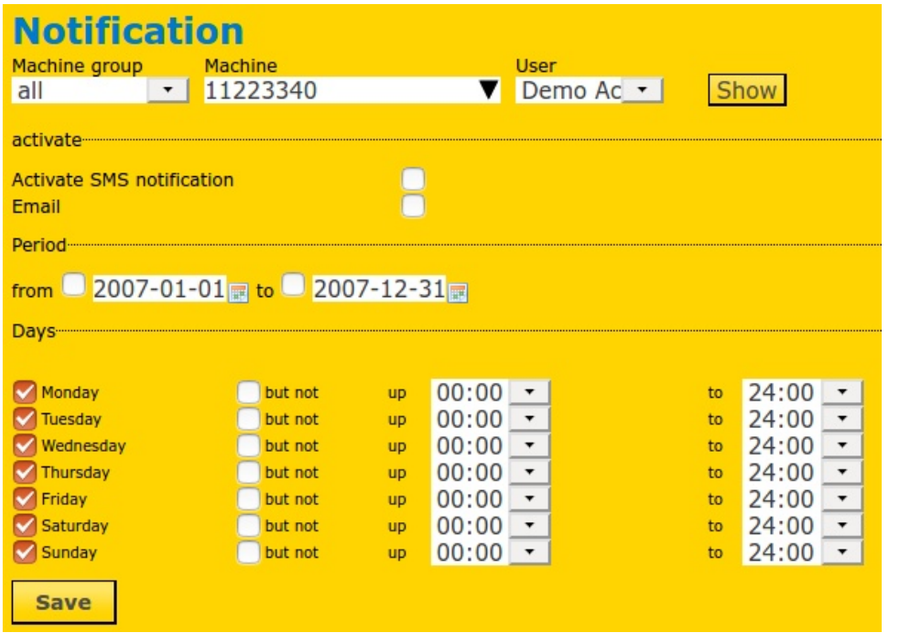


4.4.5. Notification

On the page "Notification" you can select of which machine and customer you would like to see the SMS notification settings.
You can enable “SMS notification” and/or “Email”.
Additionally, you can select during which period, on which weekdays andduring which time the function is active. To select a weekday you need to check the corresponding box behind it. By checking the second box you can specify the time on the corresponding weekday during which notifications will be sent.
Finally, you need to save the entered data.



4.4.6. BLE lost devices

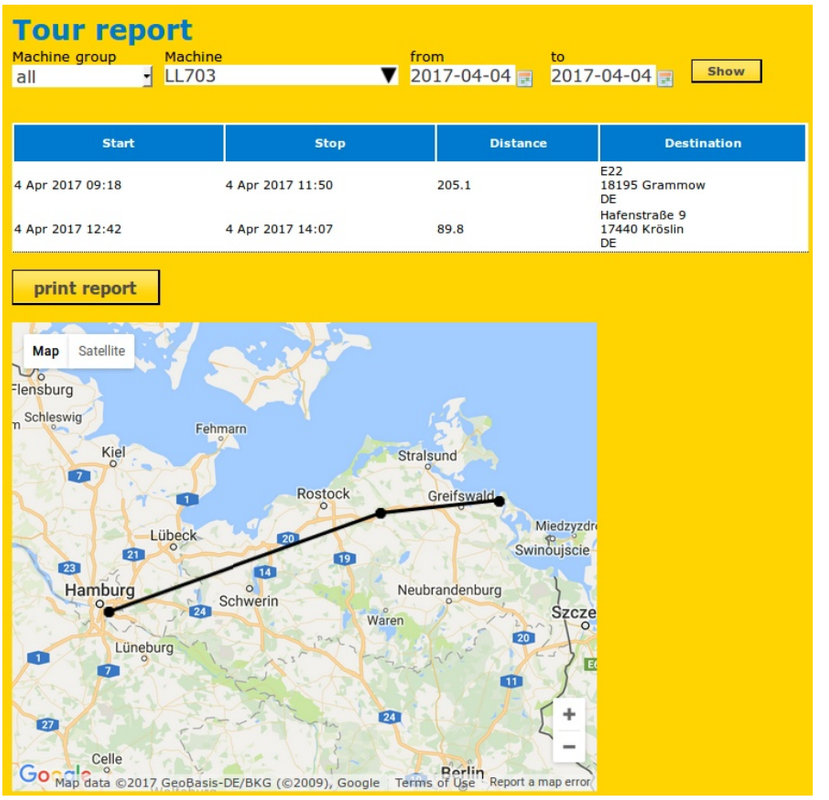
This page lists all the devices that you have reported lost. If you have not reported a device as lost, you will see the following page.

4.5. Tour

On the "Tour" page you can find an overview of the finished tours of a machine. It has the following subpages "Report (no edit)", "edit" and "Report".

4.5.1. Report (no edit)

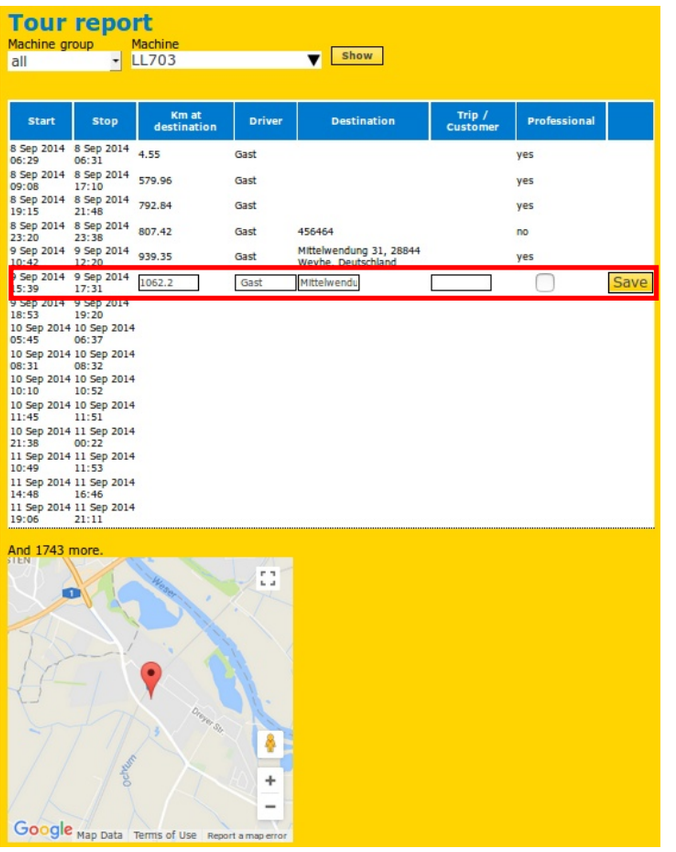
On the "Report" page you can show a specific machine for a certain period.
A tour list will be shown providing information about the start and end time of a tour, the covered distance as well as the destination. If needed the list can be printed.
The tour with its start and destination will also be shown on a map.



4.5.2. Edit

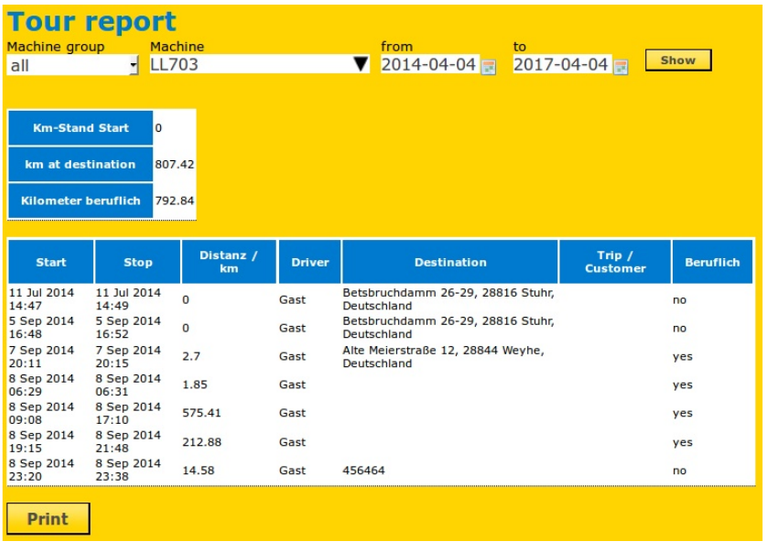
On the "Edit" page you can create tour reports. First you need to select machine to see the start and end of the driven tour. Then you can complete the table. You can specify the km status at the tour end, the driver, the destination, the prupose of the tour and whether the tour was professional or not.
Finally, you need to click on "Save".

Current row to edit

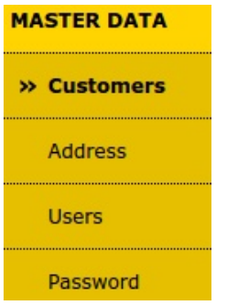


4.5.3. Report

On the "Tour report" page you need to select a machine and period to see the km status before and after the last tour. Additionally, it will be displayed how many kilometers have been driven professionally. The individual tours of the machine will be shown in a table. This is the table which you can complete on the "Edit" page. On this page you can view and print the table.



4.6. Master data



This page allows you to view and edit your own data. As the main user you will also be able to create and activate further user for the "Obserwando" portal.
The page "Master data" has the following subpages: "Customers", "Address", "Users" and "Password".

4.6.1. Customers

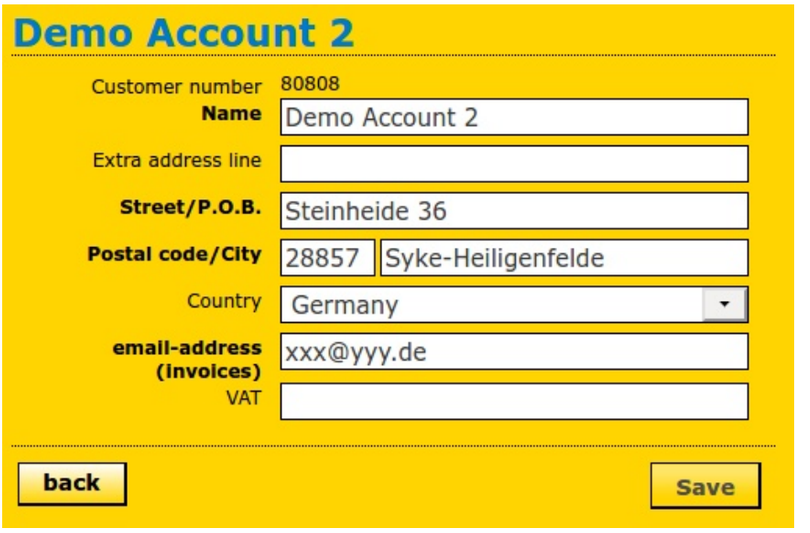
On the "Customer" page a tabular overview of the existing customer data is provided.

Example customer:

4.6.2. Address

On the "Address" page you can edit the previously inserted data.

Example customer:



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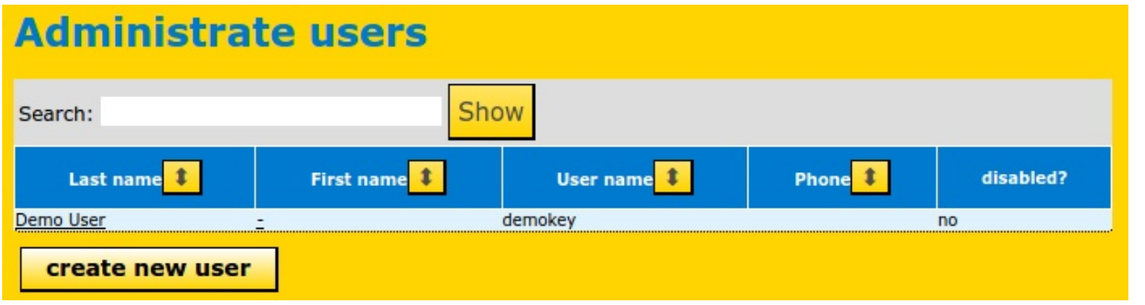
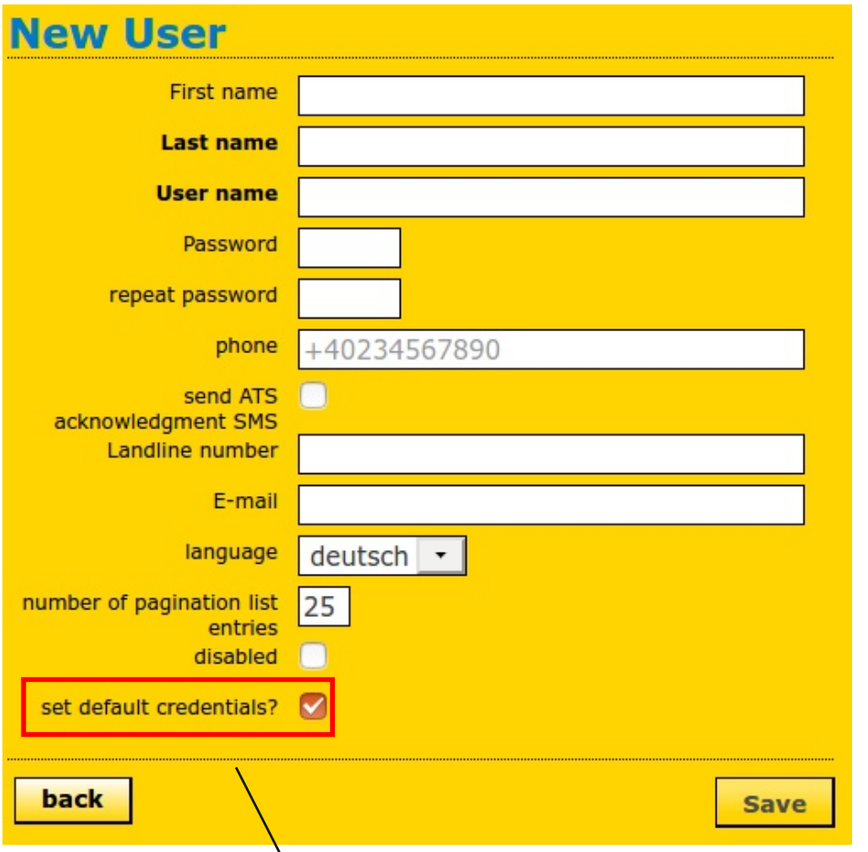
4.6.3. Users

On this page the main user can create, activate and edit as many users as needed.

Overview of the existing users:

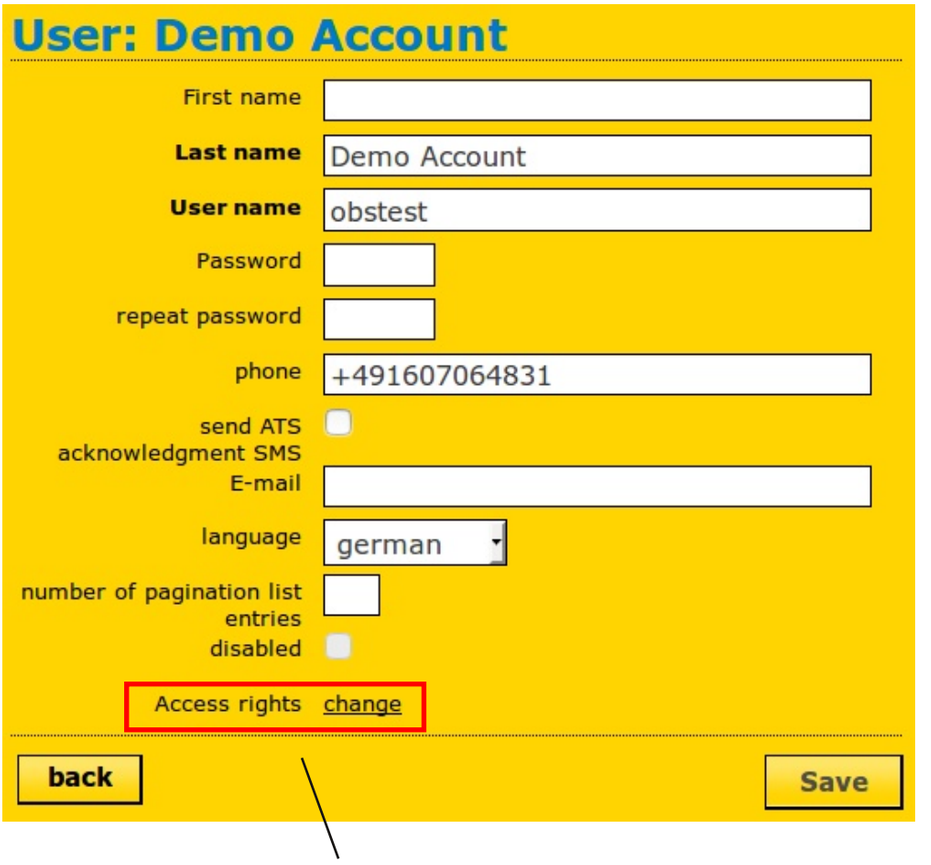


By clicking on "create new user" you can add a new user. The following dialog will open:



Create new Customer = Set default permissions

When you click on an already existing user the "set default credentials" will be replaced by the "access rights" item. The access rights can be modified by clicking on "change" if the checkbox behind "set default credentials" was checked during the creation of the user.



existing users = change acess rights

To change the rights of the existing user you need to click on "change".
The following access rights can be granted to an individual user:

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By clicking on the checkbox before an individual point you can check or uncheck it. This way you can grant or withdraw individual access rights for the current user.

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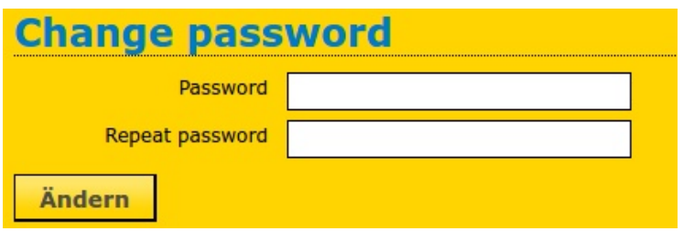
no tick: The machine groups to which access is permitted can be selected using the “Select” button.

4.6.4. Password

In this area you can change the password of your Obserwando account.



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4.8. Order online

When clicking on "Order online" a new tab will open showing the online shop of the company "Rösler Software-Technik Enwticklungs- und Vertriebsgesellschaft mbH". There you can view and order all for "Obserwando"available devices.

5. Logout

You can logout anytime by clicking on the "Logout" button at the top left in the header.

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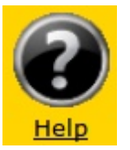
6. Contact and help

On some pages you can find a "Help" button.
It can be used to display additional information about the current page as well as the available options and symbols.



You are interested in using Obserwando. 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 Vertriebsgesellschaft mbH**

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