

# Gate ~ FMCU ~ management dashboard/en

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## General

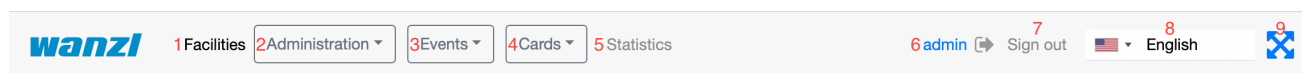
The Wanzl Access Manager offers a central dashbaord for access controls in a homogeneous interface, displays the corresponding states and supports the user in the administration of these components. The Wanzl Access Manager is a leading platform for monitoring and managing access controls of security areas.

## Sign Up

Please enter the login information provided by support here to log in to the central dashboard.



## Headline



Number	Function
1	Button Management Dashboard
2	Administration
3	Events Button
4	Cards Button
5	Statistics Button

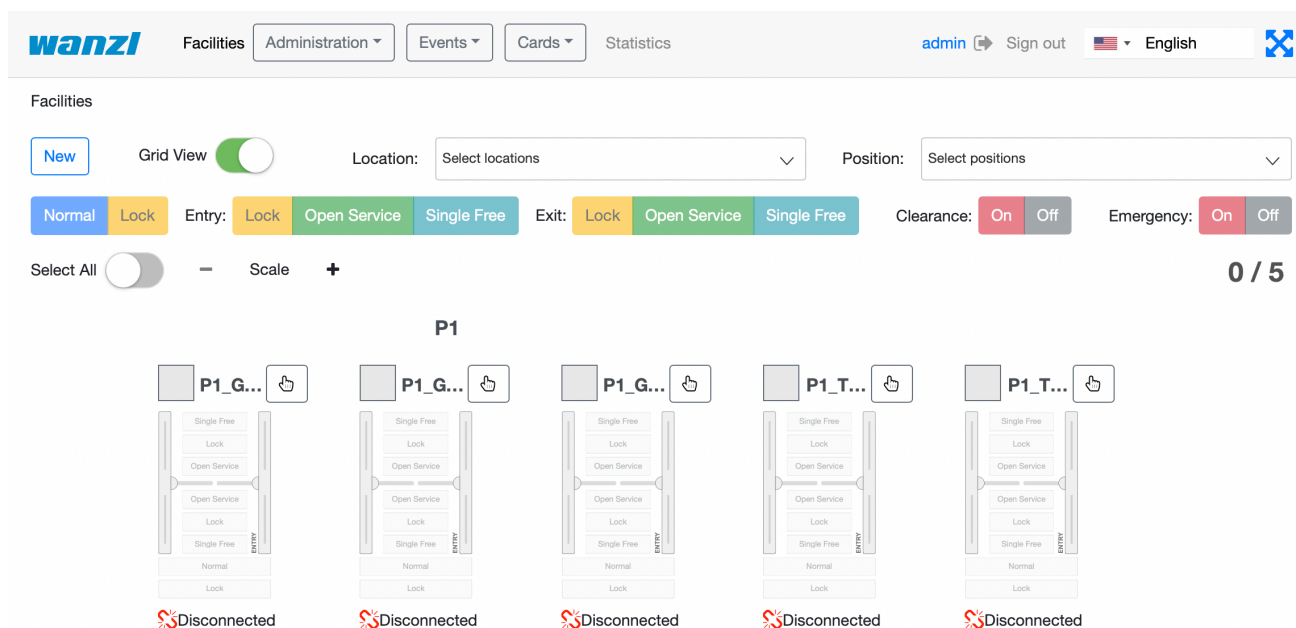
6	Logged in User
7	Log out Button
8	Languages menu
9	Adjust the display to entire width of the screen

## Menu items

### Facilities

`https://<dns-name or ip-address>/gates`

In this view, all access controls are displayed in an intuitive interface. There are grouping options in two categories. First, you can group by **Location**. Within the location you can then summarize different **Locations**. Individual gates can be added via the menu item "New".

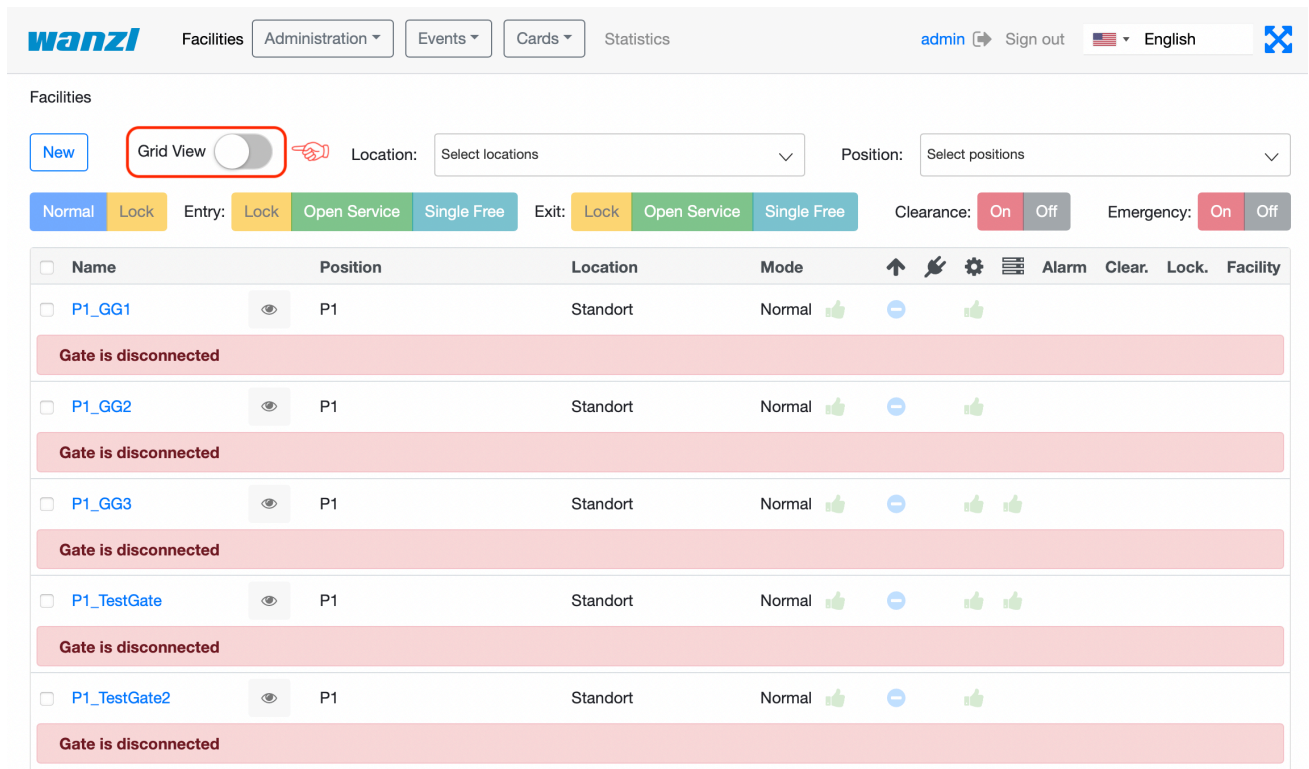


The screenshot shows the Wanzl Facilities management dashboard. At the top, there is a navigation bar with the Wanzl logo, a 'Facilities' tab, and several menu items: 'Administration', 'Events', 'Cards', and 'Statistics'. On the right side of the navigation bar, there is a user profile 'admin', a 'Sign out' button, a language selector set to 'English', and a full-screen icon.

Below the navigation bar, the main interface is titled 'Facilities'. It features a 'New' button, a 'Grid View' toggle (which is currently turned on), and two dropdown menus for 'Location' and 'Position'. Below these are several status buttons for 'Normal', 'Lock', 'Entry', 'Exit', 'Clearance', and 'Emergency', each with 'On' and 'Off' sub-buttons. There are also 'Select All' and 'Scale' controls.

The main content area displays a list of access control units under the heading 'P1'. Five units are shown, each with a 'P1\_G...' or 'P1\_T...' label and a hand icon. Each unit's interface is visible, showing a vertical stack of buttons: 'Single Free', 'Lock', 'Open Service', 'Open Service', 'Lock', 'Single Free', 'Normal', and 'Lock'. Below each unit, there is a red 'Disconnected' status indicator.

When the light view is off, the access controls are shown in the list.








The screenshot shows the Wanzl management interface. At the top, there are navigation tabs: Facilities, Administration, Events, Cards, and Statistics. The user is logged in as 'admin' and the language is set to English. Below the navigation, there is a 'Facilities' section with a 'New' button and a 'Grid View' toggle (highlighted with a red box and a hand icon). There are also dropdown menus for 'Location' and 'Position'. Below these are control buttons for 'Normal', 'Lock', 'Entry', 'Exit', 'Clearance', and 'Emergency', each with 'On' and 'Off' states. The main area displays a table of facilities:

Name	Position	Location	Mode	Alarm	Clear.	Lock.	Facility
P1_GG1	P1	Standort	Normal	👍	👎	👍	Gate is disconnected
P1_GG2	P1	Standort	Normal	👍	👎	👍	Gate is disconnected
P1_GG3	P1	Standort	Normal	👍	👎	👍	Gate is disconnected
P1_TestGate	P1	Standort	Normal	👍	👎	👍	Gate is disconnected
P1_TestGate2	P1	Standort	Normal	👍	👎	👍	Gate is disconnected





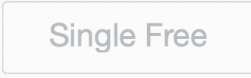
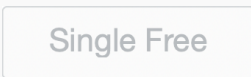

When one or more facilities are selected with the control,













the facilities can be controlled with the following buttons:

Symbol	Description	Note
	change to normal state, lock the doors in both directions	
	open the door permanently or open it for a single person	towards the entrance
	open the door permanently or open it for a single person	toward the exit
	Turn the <b>Cleaning</b> mode on and off	cleaning
	Toggle <b>Emergency Open</b> mode on and off	Emergency

The Gate display contains the following controls:

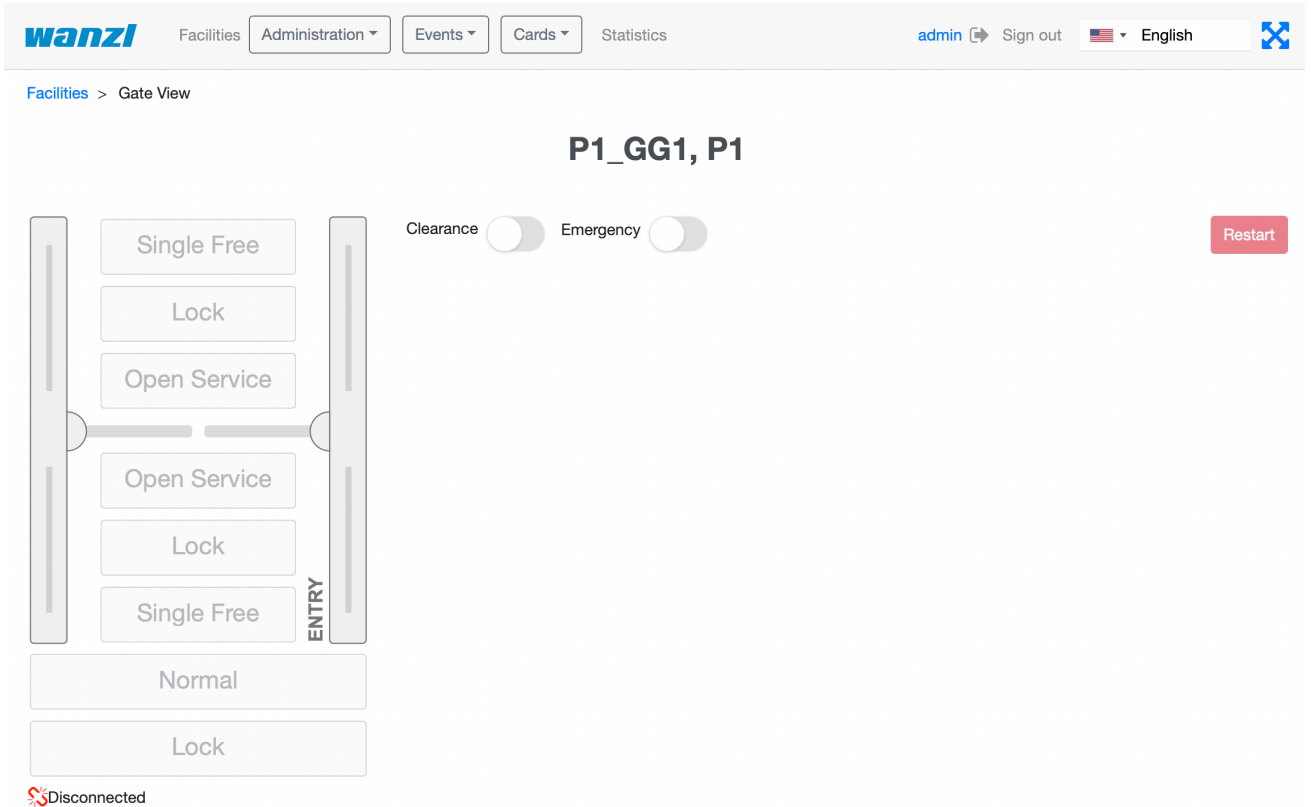
Symbol	Description	Note
	choose the gate	to activate the buttons above ( <b>Normal, Lock Out</b> , etc.)
<b>P1_GG1</b>	Navigate to the <b>Facilities</b> page	
	Navigate to the page <b>Gate-View</b>	
	change to Normal state	
	lock the doors in both directions	
	open the door in the direction of entrance/exit for a single person	
	lock the door in the direction of entrance/exit	
	permanently open the door in the direction of entrance/exit	

The symbols under the gate convey various information about it:

Symbol	Description	Note
	No connection to the gate	
	The gate is in the Normal state	
	The gate is in the Locked state	
	The gate is in the fire alarm state	
	The gate is in the emergency open state	
	The cleaning mode is active	
	Alarm is active at the gate	
	The gate is permanently open	
	One or more devices at the gate have failed	
	Current selected configuration of the gate	Only if there are two or more configurations at the gate




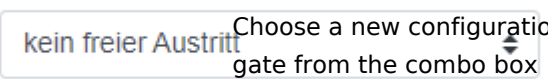
## Gate-View

In this view, you can observe the state of each gate, control the gate, and apply the gate's configurations (if there are two or more).



The screenshot shows the 'wanzl' management dashboard for a gate labeled 'P1\_GG1, P1'. The top navigation bar includes 'Facilities', 'Administration', 'Events', 'Cards', and 'Statistics'. The user is logged in as 'admin' and the language is set to 'English'. The breadcrumb trail is 'Facilities > Gate View'. The main area features a central gate diagram with buttons for 'Single Free', 'Lock', and 'Open Service' on both sides. Below the diagram are buttons for 'Normal' and 'Lock'. To the right are 'Clearance' and 'Emergency' toggle switches and a red 'Restart' button. At the bottom left, a 'Disconnected' status is shown.

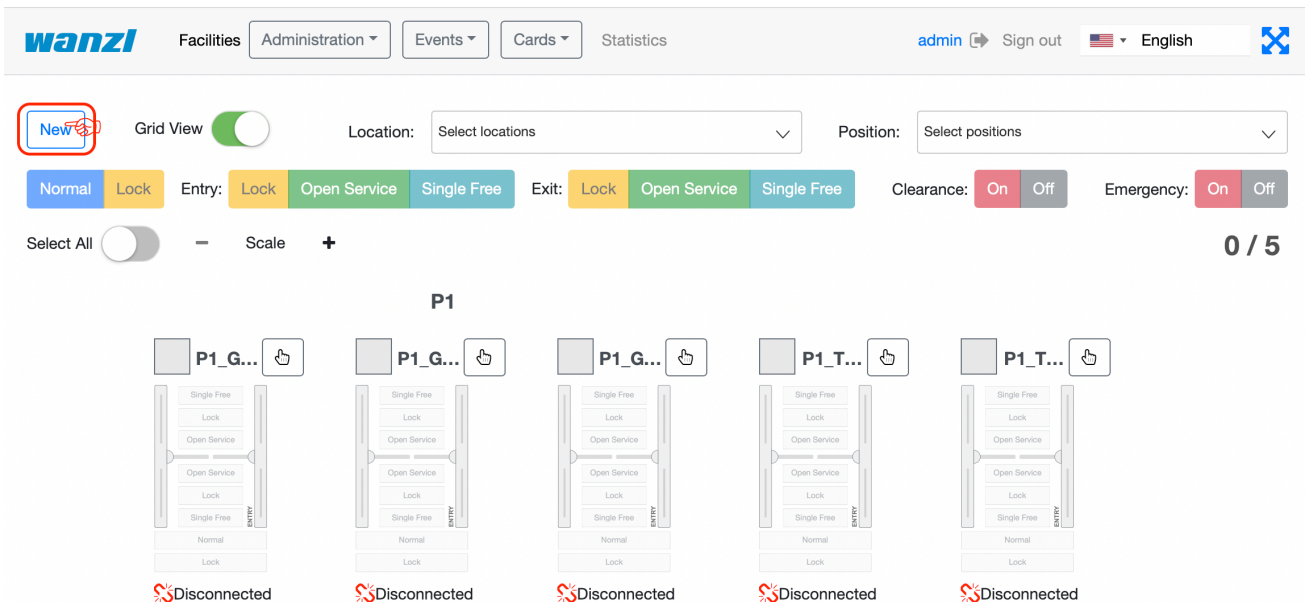
These buttons allow you to perform various actions:

Symbol	Description	Note
Clearance 	Turn cleaning mode on and off	
Emergency 	Manually switch the emergency open state on and off	
	Restart the gate	
Konfiguration: 	Choose a new configuration of the gate from the combo box	Only if there are two or more configurations at the gate

<div style="border: 1px solid blue; padding: 5px; display: inline-block;">Anwenden</div>	Apply the new configuration
<div style="border: 1px solid gray; padding: 5px; display: inline-block;">Abbrechen</div>	Do without the new configuration

## Set up a new Gate

Please click the button **New**



The screenshot shows the Wanzl management interface. At the top, there are navigation tabs: Facilities, Administration, Events, Cards, and Statistics. The user is logged in as 'admin'. Below the navigation, there is a 'New' button highlighted with a red box. To its right is a 'Grid View' toggle switch. Further right are dropdown menus for 'Location' and 'Position'. Below these are several status buttons for 'Entry' and 'Exit', each with options like 'Lock', 'Open Service', and 'Single Free'. There are also 'Clearance' and 'Emergency' status buttons. At the bottom, there are five gate icons, each labeled 'P1\_G...' or 'P1\_T...' and showing a 'Disconnected' status.

In this view you create a **New** gate. The fields **Names**, **Displayed Name** and **Position** of the Gate must be verified with values. Press Save then click on Facilities.



wanzl Facilities Administration Events Cards Statistics admin Sign out English

Facilities > New Gate

Id: [ ]

Name: TestGate\_P1

Display name: TestGate\_P1

Position: P1

Disable notifications:

Locked:

Save Cancel New Delete

Cards

Edit

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Facilities > Facility

Id: 12

Name: TestGate\_P1

Display name: TestGate\_P1

Position: P1

Disable notifications:

Locked:

Save Cancel New Delete

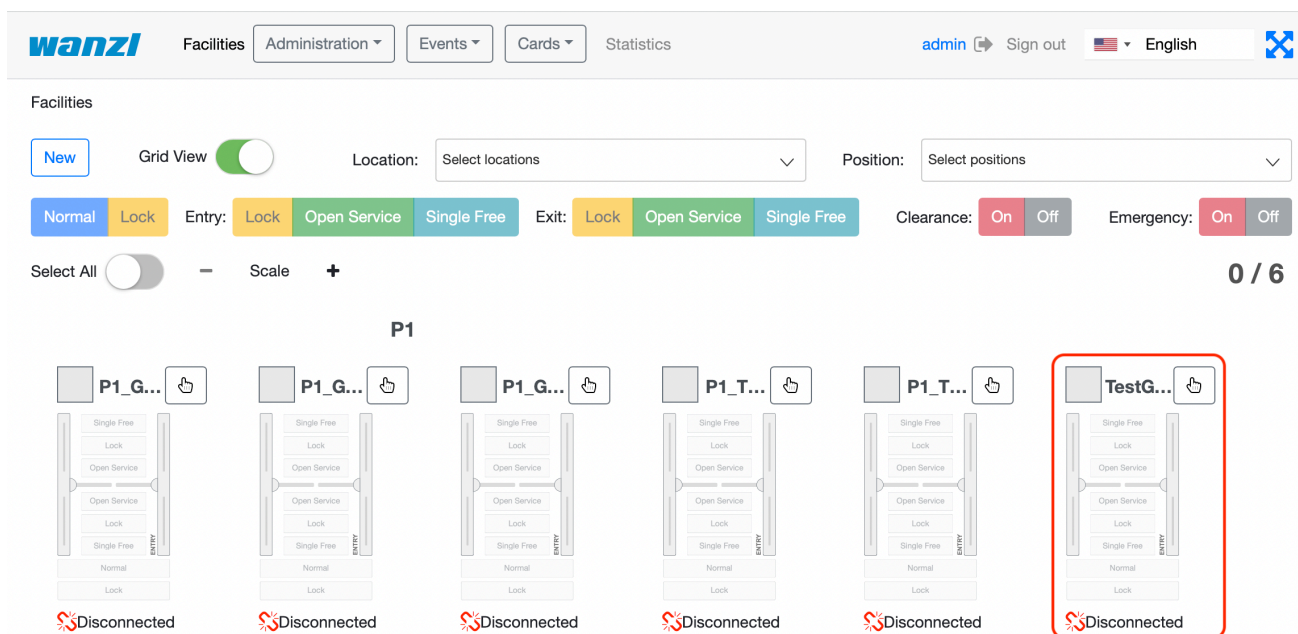
Cards

Barcode	Employee	Count

Edit

You can now see in the view that you have created a **NEW** gate, in this case the sixth gate in this view.

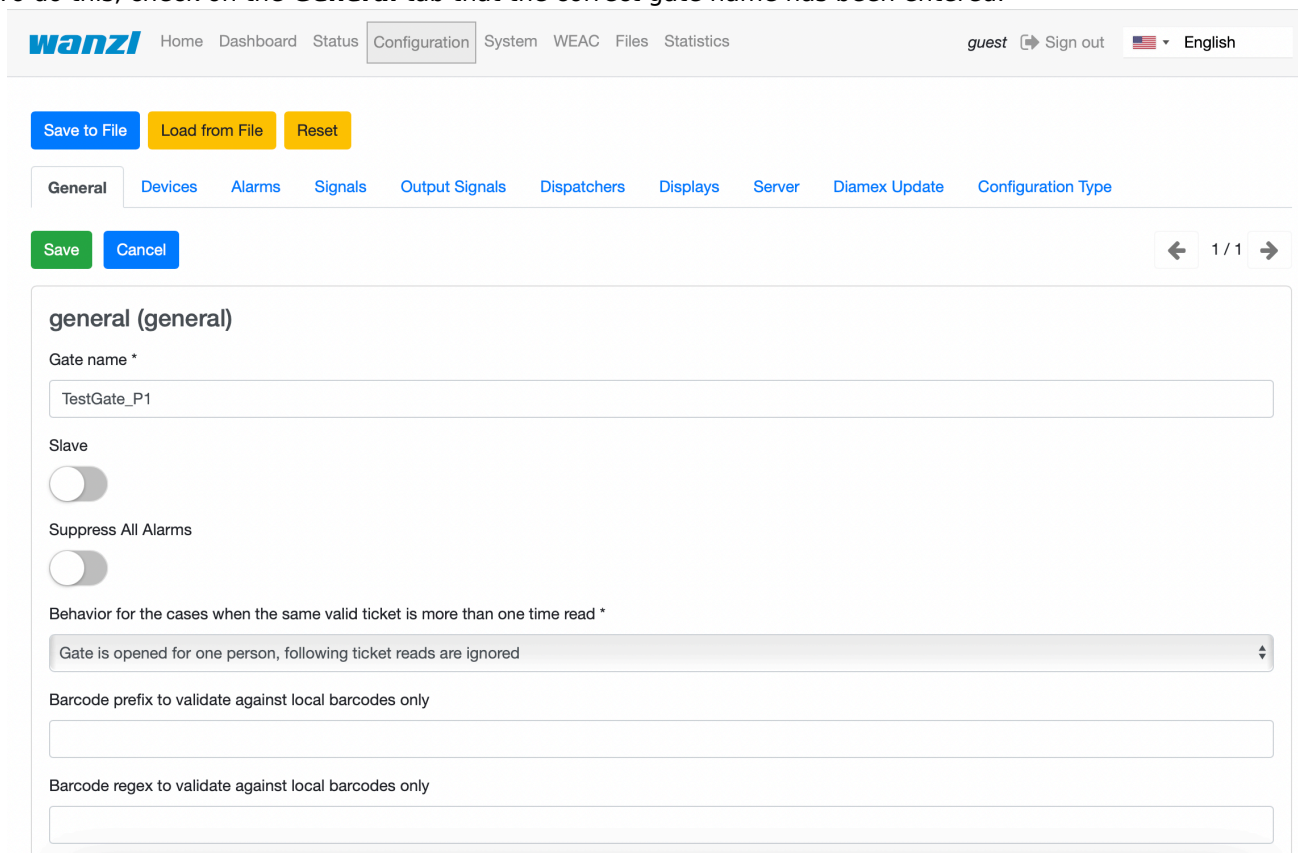




In the next step you connect the gate to the server.

<https://<IP-Adresse des Dashboards>>

To do this, check on the **General** tab that the correct gate name has been entered.



Then check the following points on the **Server** tab.

wanzi Home Dashboard Status **Configuration** System WEAC Files Statistics guest [Sign out](#) English

[Save to File](#) [Load from File](#) [Reset](#)

[General](#) [Devices](#) [Alarms](#) [Signals](#) [Output Signals](#) [Dispatchers](#) [Displays](#) **Server** [Diamex Update](#) [Configuration Type](#)

[Save](#) [Cancel](#) 1 / 1

### ServerRemote

Remote

Enabled

Interlock

Gate's own URL (e.g. http://localhost:8888)

Pause after connection failure, seconds \*

Name \*

Server#0 (server)- must be set to remote.

Activated slide-switch is activated.

Your server should be entered under Name\*.

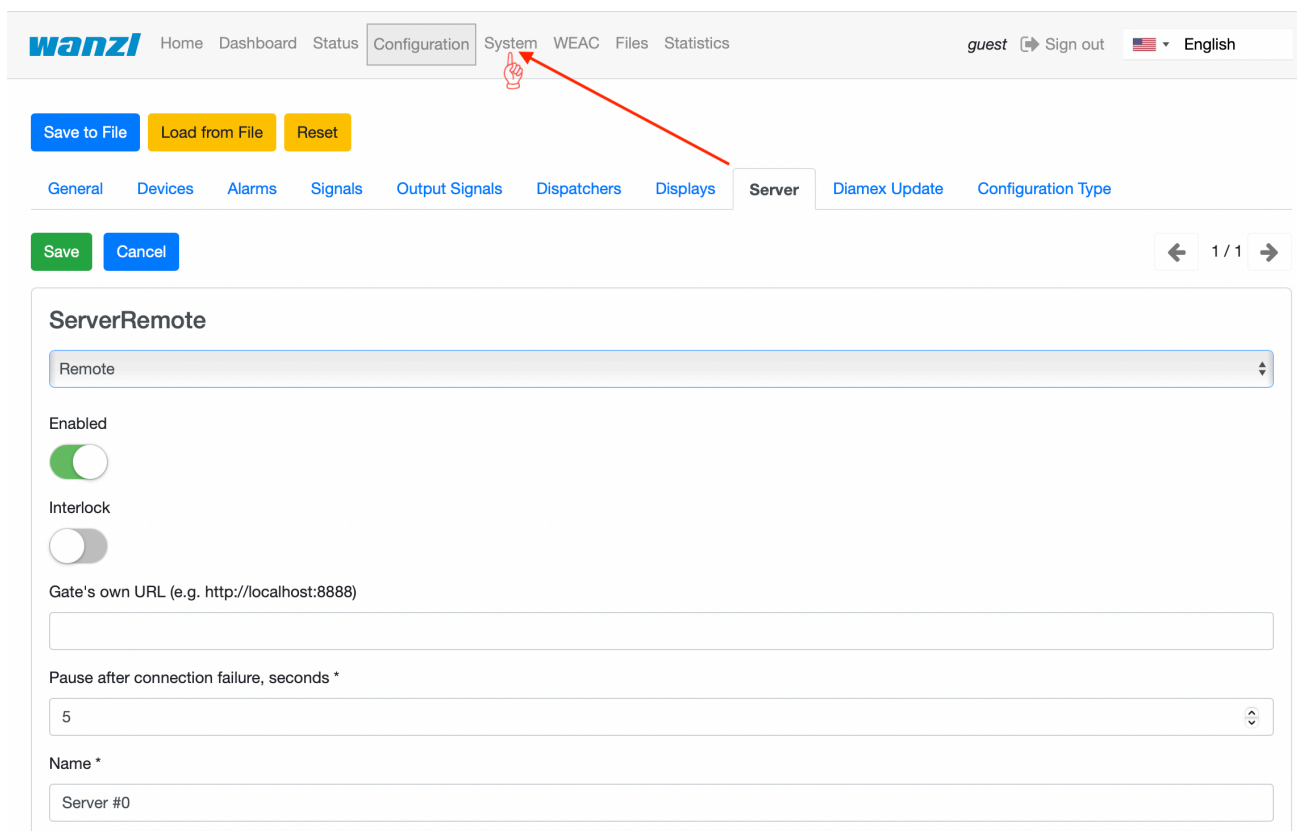
Your URL should be entered under URL\*.

Gate should be entered under Username\*.

Your password should be entered under Password\*.

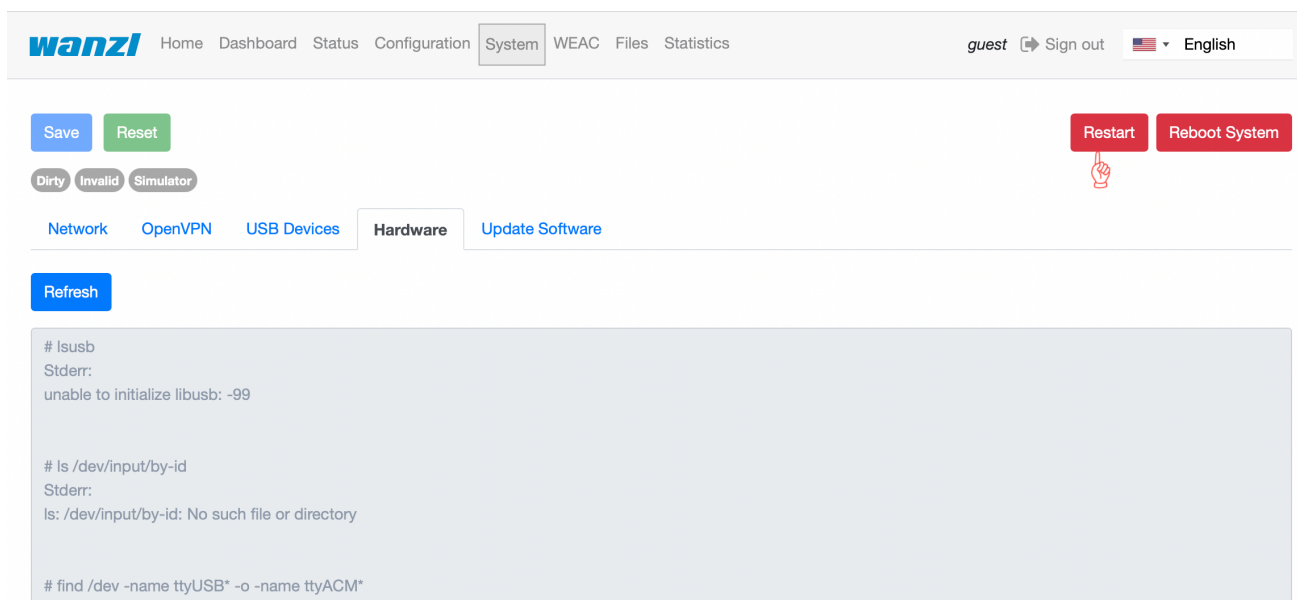
**Save** at the end.

In the next step, please click on System in the top bar.



The screenshot shows the WANZI management dashboard. The top navigation bar includes 'Home', 'Dashboard', 'Status', 'Configuration', 'System', 'WEAC', 'Files', and 'Statistics'. The 'System' tab is active, and a red arrow points to it. Below the navigation bar are buttons for 'Save to File', 'Load from File', and 'Reset'. The main content area has tabs for 'General', 'Devices', 'Alarms', 'Signals', 'Output Signals', 'Dispatchers', 'Displays', 'Server', 'Diamex Update', and 'Configuration Type'. The 'Server' tab is selected. In the 'Server' section, there are 'Save' and 'Cancel' buttons. Below that is a 'ServerRemote' configuration form with a dropdown menu set to 'Remote', an 'Enabled' toggle switch (checked), an 'Interlock' toggle switch (unchecked), a text input for 'Gate's own URL (e.g. http://localhost:8888)', a numeric input for 'Pause after connection failure, seconds \*' set to 5, and a text input for 'Name \*' set to 'Server #0'.

You will now see the following display, here please press restart once. Now your new gate should be connected.



The screenshot shows the WANZI management dashboard with the 'System' tab active. The top navigation bar is the same as in the previous screenshot. Below the navigation bar are buttons for 'Save' and 'Reset'. There are also status indicators: 'Dirty', 'Invalid', and 'Simulator'. The main content area has tabs for 'Network', 'OpenVPN', 'USB Devices', 'Hardware', and 'Update Software'. The 'Hardware' tab is selected. In the 'Hardware' section, there are 'Refresh', 'Restart', and 'Reboot System' buttons. A red arrow points to the 'Restart' button. Below the buttons is a terminal window showing the following output:

```
# lsusb
Stderr:
unable to initialize libusb: -99

# ls /dev/input/by-id
Stderr:
ls: /dev/input/by-id: No such file or directory

# find /dev -name ttyUSB* -o -name ttyACM*
```

Finally, you can check the connection in the **Status** tab. **CONNECTED** must now appear under State.

wanzl Home Dashboard **Status** Configuration System WEAC Files Statistics guest [Sign out](#) English

---

**Server**

Type	Last Error	State	Action
Simulator		Connected	<a href="#">Connection error</a>

**Displays**

Display Entry	<a href="https://gate.maxcrc.de/display/display_entry">https://gate.maxcrc.de/display/display_entry</a>
Display Exit	<a href="https://gate.maxcrc.de/display/display_exit">https://gate.maxcrc.de/display/display_exit</a>

**Devices**

Name	Type	State	Failure Reason	Failure
GateModbusGalaxyGateTcp	GateModbusGalaxyGateTcp	Failure	Unit 1: No connection, Unit 2: No connection	<input checked="" type="checkbox"/>
Light Bar	Simulator	Ready		<input type="checkbox"/>
Audio Player	Simulator	Ready		<input type="checkbox"/>
Slave FMCU	Simulator	Ready		<input type="checkbox"/>
Led Player	Simulator	Ready		<input type="checkbox"/>
Led Player	Simulator	Ready		<input type="checkbox"/>

## Edit existing Gate

```
https://<dns-name or ip-address>/gates
```

You are in the same view as where you would create a new gate.

Please move the slide switch "Grid view" to the left.

**Datei:GridViewFMCU.png** In the view click on the name of the gate which you want to edit (in the example P8\_TestGate).

**Datei:GridViewSelect.png** In this view, please press the "Edit" function.

**Datei:PressEdit.png** You can now edit the gate in this view.

**Datei:GateCardsFMCU.png**

## Remove Gate

```
https://<dns-name or ip-address>/gates
```

You are in the same view as where you would create a new gate.

Please move the slide switch "Grid view" to the left.

**Datei:GridViewFMCU.png**

In the view click on the name of the gate which you want to delete (in the example P8\_TestGate).

Datei:GridViewSelect.png

In this view, please press the "Delete" function.

Datei>DeleteGate.png

To be on the safe side, you will now be asked again whether you really want to delete the element? Please confirm this.

Datei:ConfirmDelete.png

After deleting, you will automatically be shown the next gate (here in the example P1\_TestGate2). Please click on attachments here.

Datei:GoToFacilities.png

You will then see in the grid view that Gate P8\_TestGate is missing and has been successfully deleted.

Datei:Bildschirmfoto 2022-02-22.png

## Administration

---

### User

---

`https://<dns-name or ip-address>/users`

On this page you can see an overview of all users [Datei:FMCU Users.png](#)

Number	Function
1	Create new user
2	Filter users by location
3	Filter users by position

### Set up new User

---

Press under [User](#) on the button **New**

`https://<dns-name or ip-address>/new-user`

Datei:FMCU newUser.png

Field Name	Description
Id	Automatically generated unique number of the user

Username*	Username of the user to login
Password*	User's password for login
Email	Email address of the user for sending log messages
First name	User's first name
Last name	Last name of the user
Info	Description of the user
Superuser	The highest rights are assigned to the user
Locked	The user's login is blocked
Disable notifications	The user does not receive any notifications in the FMCU Management Dashboard

\* Strictly required fields Through the button **Save** the new user is created.

## Edit existing User

---

Press under [User](#) the user to edit

## Event Notifications

---

Under this tab, the notifications can be selected which the user should receive.

**Note:** If the checkbox **Disable notifications** is set, no notifications are displayed regardless of these settings.

## Locations & Positions Tab

---

You can set different locations in countries and cities. Separate access rights can be defined for each location via the authorization model.

## Groups Tab

---

This tab allows you to customize the user's group memberships.

## Permissions Tab

---




The user's permissions are displayed under this tab  
All changes are applied by clicking the **Save** button.

## Groups

---

`https://<dns-name or ip-address>/groups`

On this page you can see an overview of all groups


 Anlagen Administration ▾ Ereignisse ▾ Karten ▾ Statistik
 
 admin ↗ Abmelden  Deutsch 

Gruppen



Neu

Name	Info	Löschen
<a href="#">manager</a>		
<a href="#">user</a>		
<a href="#">gate</a>		
<a href="#">alarm_notifications</a>		

## Set up new Group

`https://<dns-name or ip-address>/new-group`

Click under [Gruppen](#) the button **New**


 Anlagen Administration ▾ Ereignisse ▾ Karten ▾ Statistik
 
 admin ↗ Abmelden  Deutsch 

[Gruppen](#) > Neu Gruppe

Id   
 Name   
 Info

Benutzer [Berechtigungen](#)

Benutzername	Email	Vorname	Nachname	Info
--------------	-------	---------	----------	------

Field Name	Description
Id	Automatically generated unique number of the group
Name	Name of the Group
Info	Description of the Group

\* Strictly required fields

The new group is created by clicking the **Save** button.



## Edit existing Group

---

Click under [Gruppen](#) the Group you want edit

### Users Tab

---

This tab allows you to customize the members of the group.

### Permissions Tab

---

The permissions that are inherited by the members of the group are displayed under this tab.  
All changes are applied by clicking the **Save** button.

## Positions

---

```
https://<dns-name or ip-address>/cities
```

On this page you can see an overview of all positions

### Set up new Position

---

```
https://<dns-name or ip-address>/new-city
```

Under [Positions](#) click on the button **New** Enter the name of the position and assign the position to a location using the dropdown field. Click on the **Save** button to create the position

### Edit existing Position

---

Under [Positions](#) click to edit the position  
Here you can edit the position name and location

## Locations

---

```
https://<dns-name or ip-address>/countries
```

On this page you can see an overview of all locations

## Set up new Location

---

`https://<dns-name or ip-address>/new-country`

Press under [Locations](#) the button **New**

Field Name	Description
Id	Automatically generated unique number of the location
Name*	Location name
Code*	Location country code
Info	Description of the location

\* Strictly required fields

Click on the **Save** button to create the position

## Edit existing Location

---

Under [Location](#) , click the location you want to edit

Here you can edit the name, code and info of the location

## Locations & Positions

---

`https://<dns-name or ip-address>/locations`

Here you can see an overview of all positions and their assigned locations

## Configuration

---

`https://<dns-name or ip-address>/configurations`

## Events




---

### Events

---

`https://<dns-name or ip-address>/events`

In this view, the events of all access controls are shown in an intuitive list view. There are filtering options and a name search for the events.

 Anlagen Administration ▾ Ereignisse ▾ Karten ▾ Statistik admin ↗ Abmelden  Deutsch 

Ereignisse

1 Standort: Standorte auswählen ▾ 2 Position: Positionen auswählen ▾

3 Anlage: Anlage auswählen ▾ 4 Suche: Search...

**Benutzerdefiniert** Heute Gestern

5 01.02.2021 - 28.02.2021 [Ändern](#)  **39947 / 39947**

Datum	Name	Anlage	Zu	Ka	Info
-------	------	--------	----	----	------

The following filters can be set:

1. Location
2. Position
3. Factory
4. Search by Event name
5. Time Period

## Event Definitions

<https://<dns-name or ip-address>/event-definitions>

In this view, all events that the FMCU contains are listed and their event definition groups, supported states and categories are assigned.

 Anlagen Administration ▾ Ereignisse ▾ Karten ▾ Statistik admin ↗ Abmelden  Deutsch 



Ereignisdefinitionen



Name	Ereignisdefinitionsgruppen	Unterstützte Zustände	Kategorie
------	----------------------------	-----------------------	-----------

## Event definition Groups

<https://<dns-name or ip-address>/event-definition-groups>


All event definition groups are listed under this tab.


 Anlagen
 Administration ▾
Ereignisse ▾
Karten ▾
Statistik
admin  Abmelden

 Deutsch
 



Ereignisdefinitionsgruppen



[Neu](#)

Name	Ereignisse	Info	Löschen
<a href="#">Alarm events</a>	ServerGateDevicesFailed ServerGateAllDevicesOperational GateUnauthorizedAccess GateStateFireAlarm GateDoorIsBeeingBroken		

## Create a new Event definition Group

Click [Event defenition groups](#) on the Button **New**


 Anlagen
 Administration ▾
Ereignisse ▾
Karten ▾
Statistik
admin  Abmelden

 Deutsch
 

[Ereignisdefinitionsgruppen](#) > New Event Definition Group

Id   
 Name   
 Info

[Speichern](#)
[Abbrechen](#)
[Neu](#)
[Löschen](#)

Ereignisdefinitionen

Name	Info	Kategorie	Ausgewählt
Fieldname	Description		
ID	Automatically generated unique group number		
Name	Name of the group		
Info	Group description		

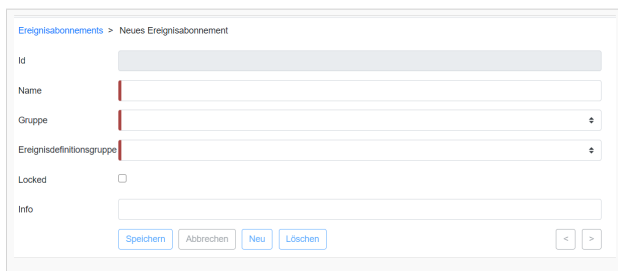
\* Absolutely required fields

Under the **Event defenition** tab select the event definitions that are to be assigned to the group.

## Event Subscriptions

<https://<dns-name or ip-address>/event-subscriptions>

There is the possibility to link groups of alarm messages with groups of users. As a result, only group members are notified of alarm messages that are also grouped,

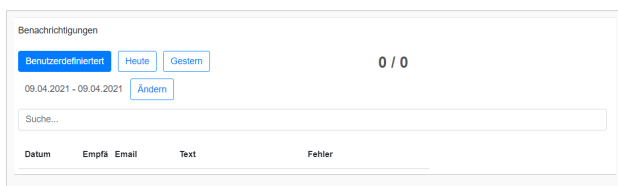


Fieldname	Description
ID	internal value
Group	Summary of users
Ereignisdefinitionsgruppe	Event definition group
Locked	Notifications deactivated/activated
Info	Description field

## Notifications

<https://<dns-name or ip-address>/notifications>

Sent notifications are displayed in this overview. You can adjust the view accordingly using a date filter.



## Cards

### Cards

<https://<dns-name or ip-address>/cards>

This view shows an overview of the RFID cards in the system with the gates enabled for access.

Karten

Land:  Stadt:

Gate:

Barcode	Mitarbeiter	Anzahl	Gate
number1	number2	1	gate_de_fra
			gate_ma_mar
			gate_de_lan
employee1	employee2	1	gate_de_fra
			gate_ma_mar
			gate_de_lan
test1	test2	1	gate_de_fra
			gate_ma_mar
			gate_de_lan

## Edit Cards

<https://<dns-name or ip-address>/cards-edit>

In this view, cards can be added / removed and authorizations for individual gates can be defined.

Karten bearbeiten

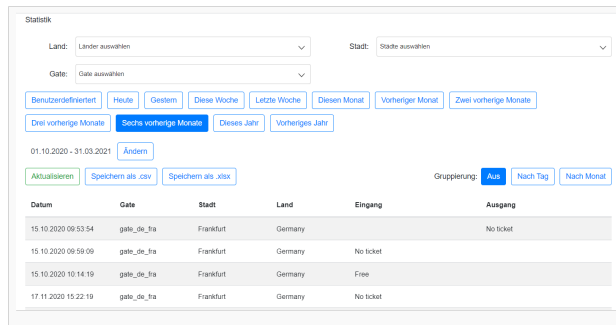
Gesamt: 3 Hinzugefügt: 1 Verändert: 0 Gelöscht: 0

Barcode	Mitarbeiter	Mitarbeiter ID	Anzahl	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="1"/>	<input type="checkbox"/> <input type="button" value="Info"/> <input type="button" value="Löschen"/>
Das Feld ist erforderlich				
<input type="text" value="number1"/>	<input type="text" value="number2"/>	<input type="text" value="number3"/>	<input type="text" value="1"/>	<input type="checkbox"/> <input type="button" value="Info"/> <input type="button" value="Löschen"/>
<input type="button" value="gate_de_fra"/> x <input type="button" value="gate_ma_mar"/> x <input type="button" value="gate_de_lan"/> x <input type="button" value="+"/>				
<input type="text" value="employee1"/>	<input type="text" value="employee2"/>	<input type="text" value="employee3"/>	<input type="text" value="1"/>	<input type="checkbox"/> <input type="button" value="Info"/> <input type="button" value="Löschen"/>
<input type="button" value="gate_de_fra"/> x <input type="button" value="gate_ma_mar"/> x <input type="button" value="gate_de_lan"/> x <input type="button" value="+"/>				

Field	Description
Barcode	Card content that is captured by the reader
Employee	Description field
Employee ID	Description field
Quantity	Number of accesses for this card

## Statistics

In this view, all activities for the assigned access controls are shown. You can adjust the view with date filters. It is possible to group the screen output, e.g. only to evaluate the number per day or month. Finally, the data can be exported in Excel format or CSV-format.



The screenshot shows a web interface for a statistics dashboard. It includes several filters and a data table. The filters are: Land (dropdown), Stadt (dropdown), and Gate (dropdown). There are also buttons for time-based filters: Benutzerdefiniert, Heute, Gestern, Diese Woche, Letzte Woche, Diesen Monat, Vorheriger Monat, Zwei vorherige Monate, Drei vorherige Monate, Sechs vorherige Monate, Dieses Jahr, and Vorheriges Jahr. A date range is set to 01.10.2020 - 31.03.2021 with an 'Ändern' button. Export options are 'Aktualisieren', 'Speichern als csv', and 'Speichern als xlsx'. Grouping options are 'Aus', 'Nach Tag', and 'Nach Monat'. The data table below has columns for Datum, Gate, Stadt, Land, Eingang, and Ausgang.

Datum	Gate	Stadt	Land	Eingang	Ausgang
15.10.2020 09:53:54	gate_de_fra	Frankfurt	Germany		No ticket
15.10.2020 09:59:09	gate_de_fra	Frankfurt	Germany	No ticket	
15.10.2020 10:14:19	gate_de_fra	Frankfurt	Germany	Free	
17.11.2020 15:22:19	gate_de_fra	Frankfurt	Germany	No ticket	