

Gate ~ FMCU ~ management dashboard/en



Inhaltsverzeichnis

1 General	2
2 Sign Up	2
3 Headline	2
4 Menu items	3
4.1 Facilities	3
4.1.1 Gate-View	6
4.1.2 Set up a new Gate	7
4.1.3 Edit existing Gate	12
4.1.4 Remove Gate	12
5 Administration	13
5.1 User	13
5.1.1 Set up new User	13
5.1.2 Edit existing User	14
5.1.2.1 Event Notifications	14
5.1.2.2 Locations & Positions Tab	14
5.1.2.3 Groups Tab	14
5.1.2.4 Permissions Tab	14
5.2 Groups	14
5.2.1 Set up new Group	15
5.2.2 Edit existing Group	16
5.2.2.1 Users Tab	16
5.2.2.2 Permissions Tab	16
5.3 Positions	16
5.3.1 Set up new Position	16
5.3.2 Edit existing Position	16
5.4 Locations	16
5.4.1 Set up new Location	17
5.4.2 Edit existing Location	17
5.5 Locations & Positions	17
5.6 Configuration	17
6 Events	17
6.1 Events	17
6.2 Event Definitions	18
6.3 Event definition Groups	18
6.3.1 Create a new Event definition Group	19
6.4 Event Subscriptions	20
6.5 Notifications	20
7 Cards	20
7.1 Cards	20

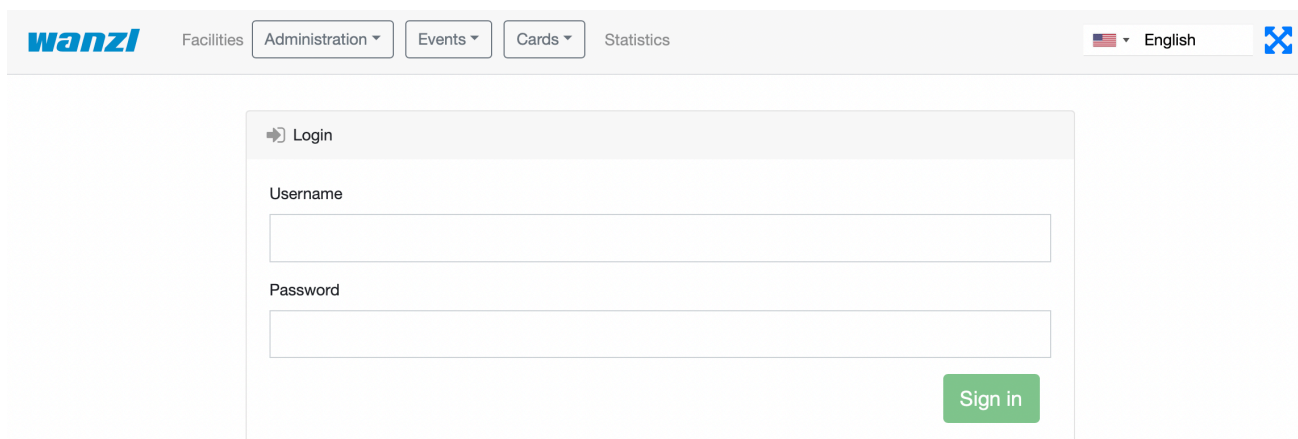
7.2 Edit Cards	21
8 Statistics	22

General

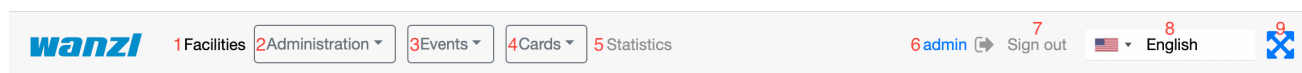
The Wanzl Access Manager offers a central dashboard for access controls in a homogeneous interface, displays the corresponding states and supports the user in the administration of these components. The Wanzl Access Manager is a leading platform for monitoring and managing access controls of security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

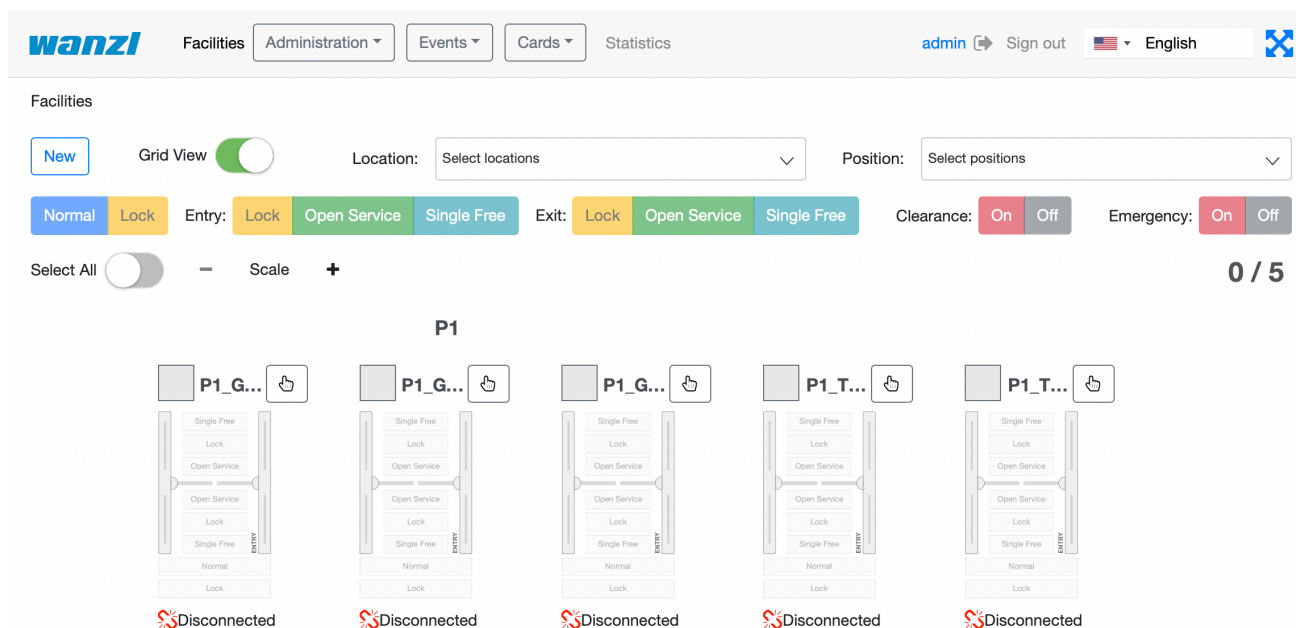
6	Logged in User
7	Log out Button
8	Languages menu
9	Adjust the display to entire width of the screen

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".

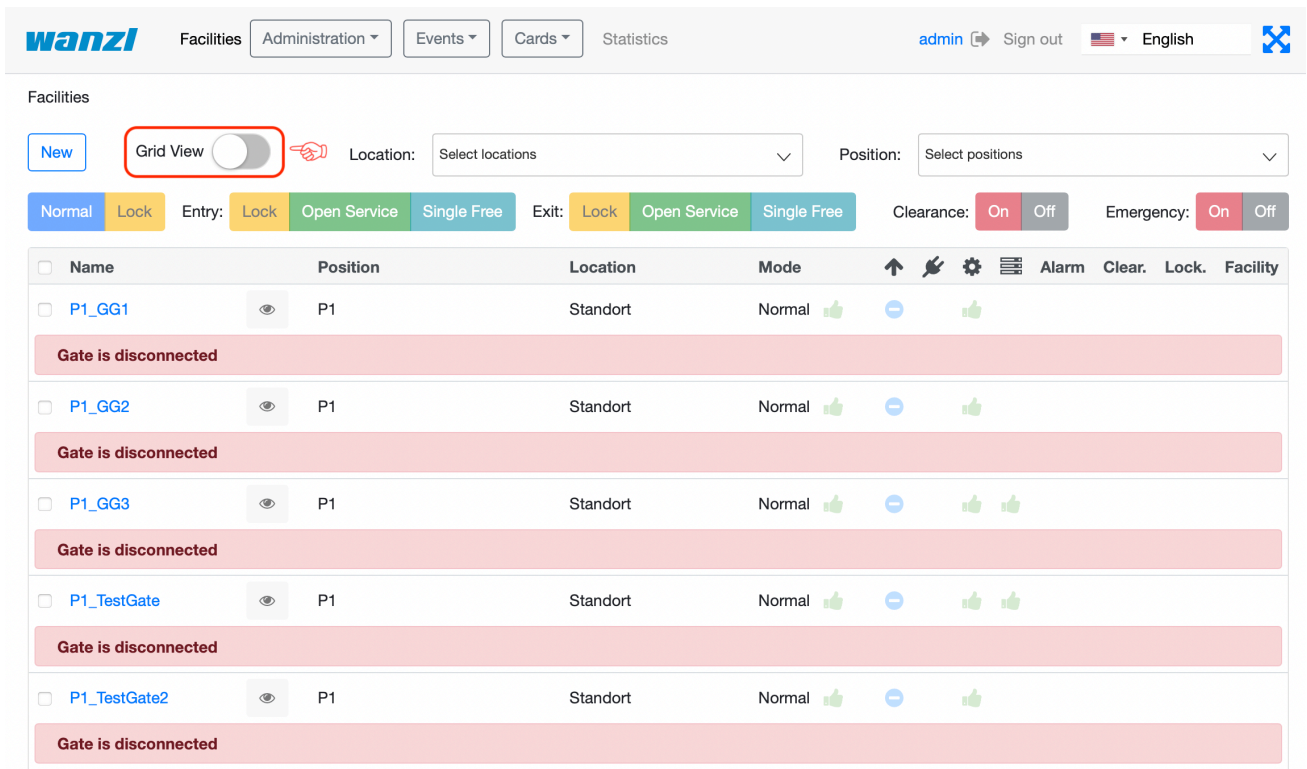


The screenshot shows the Wanzl Facilities management dashboard. At the top, there is a navigation bar with the Wanzl logo, a 'Facilities' tab, and several menu items: 'Administration', 'Events', 'Cards', and 'Statistics'. On the right side of the navigation bar, there is a user profile 'admin', a 'Sign 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 grid of five access control units, all labeled 'P1' and 'Disconnected'. Each unit has a detailed control panel with buttons for 'Single Free', 'Lock', 'Open Service', and 'Normal'. The units are arranged in a row, and each has a small 'New' button icon next to its title.

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 for '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 in red). There are also dropdown menus for 'Location' and 'Position'. Below these are control buttons for 'Normal', 'Lock', 'Entry', 'Exit', 'Clearance', and 'Emergency'. The main area displays a table of facilities with columns for Name, Position, Location, Mode, and various control icons. Each facility entry has a red bar indicating 'Gate is disconnected'.





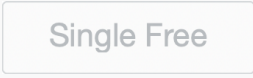
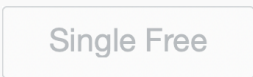

When one or more facilities are selected with the control,













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 Cleaning mode on and off	cleaning
	Toggle Emergency Open mode on and off	Emergency

The Gate display contains the following controls:

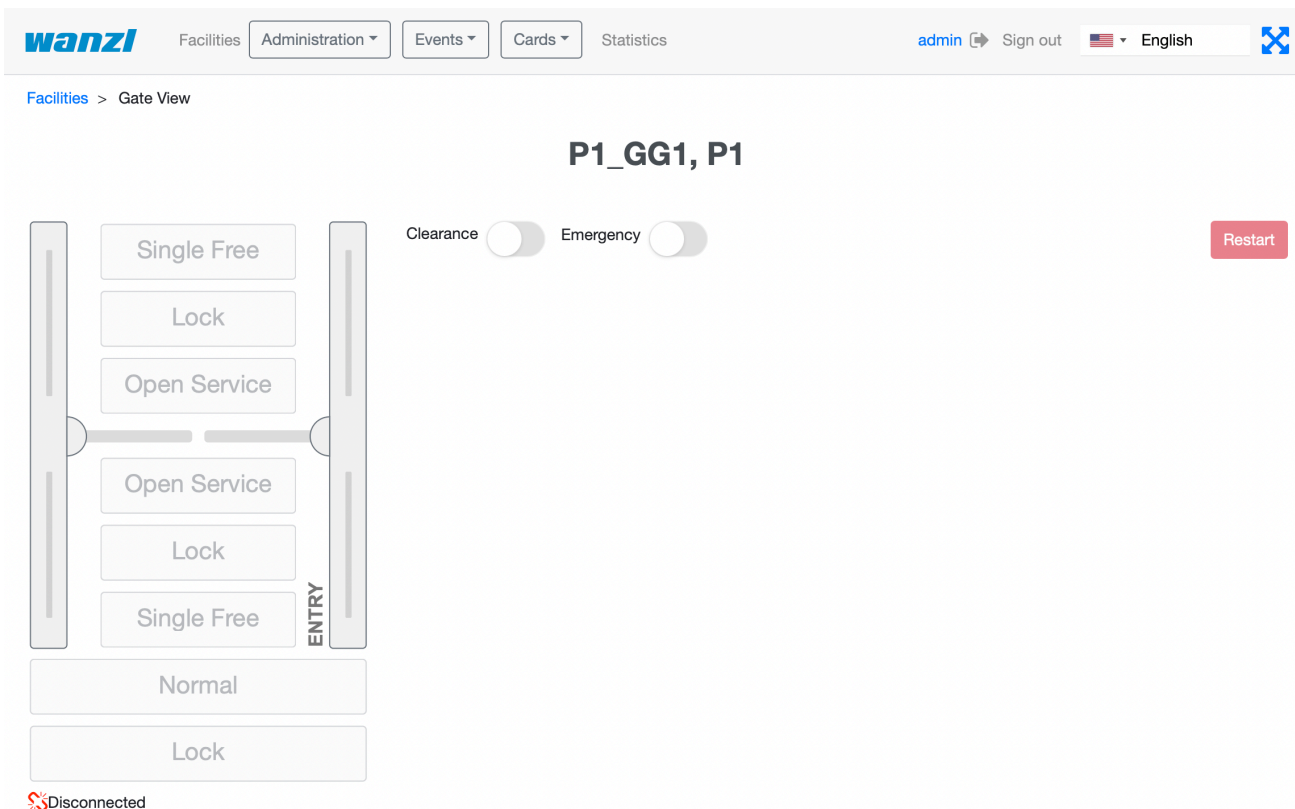
Symbol	Description	Note
	choose the gate	to activate the buttons above (Normal, Lock Out , etc.)
P1_GG1	Navigate to the Facilities page	
	Navigate to the page Gate-View	
	change to Normal state	
	lock the doors in both directions	
	open the door in the direction of entrance/exit for a single person	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




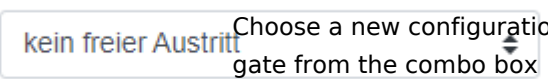
Gate-View

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. 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 title is 'P1_GG1, P1'. The gate diagram shows a central barrier with 'ENTRY' on the right. Controls include 'Single Free', 'Lock', and 'Open Service' buttons on both sides, and 'Normal' and 'Lock' buttons below. 'Clearance' and 'Emergency' are toggle switches, and a red 'Restart' button is on the right. A 'Disconnected' status is indicated at the bottom left.

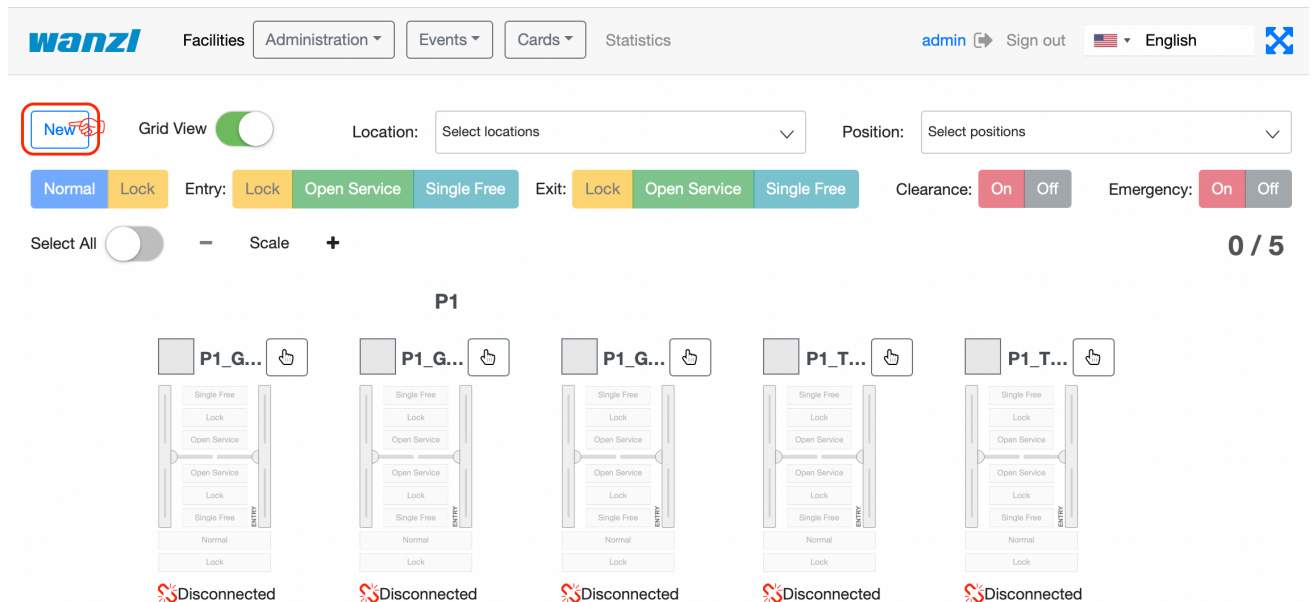
These buttons allow you to perform various actions:

Symbol	Description	Note
	Turn cleaning mode on and off	
	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' and the language is set to English. 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: Normal, Lock, Entry, Lock, Open Service, Single Free, Exit, Lock, Open Service, Single Free, Clearance: On, Off, and Emergency: On, Off. At the bottom, there are controls for 'Select All', 'Scale', and a counter '0 / 5'. The main area displays five gate icons, each labeled 'P1_G...' or 'P1_T...' and marked as 'Disconnected'.

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:

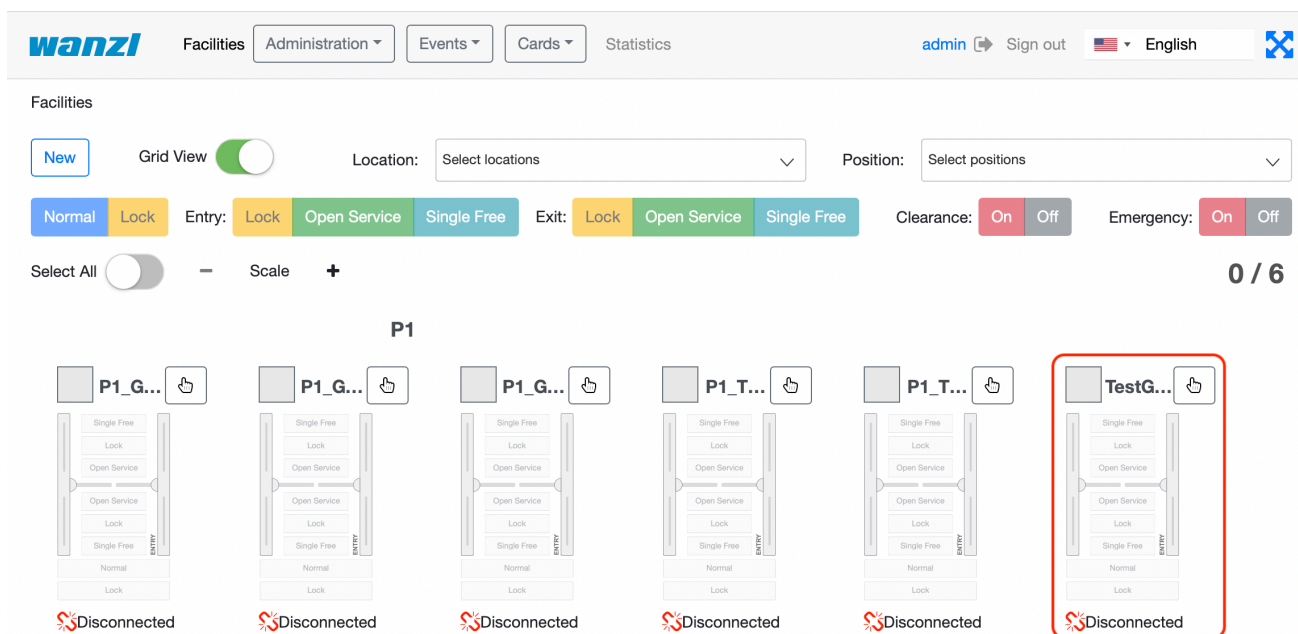
Save Cancel New Delete

Cards

Barcode	Employee	Count

Edit

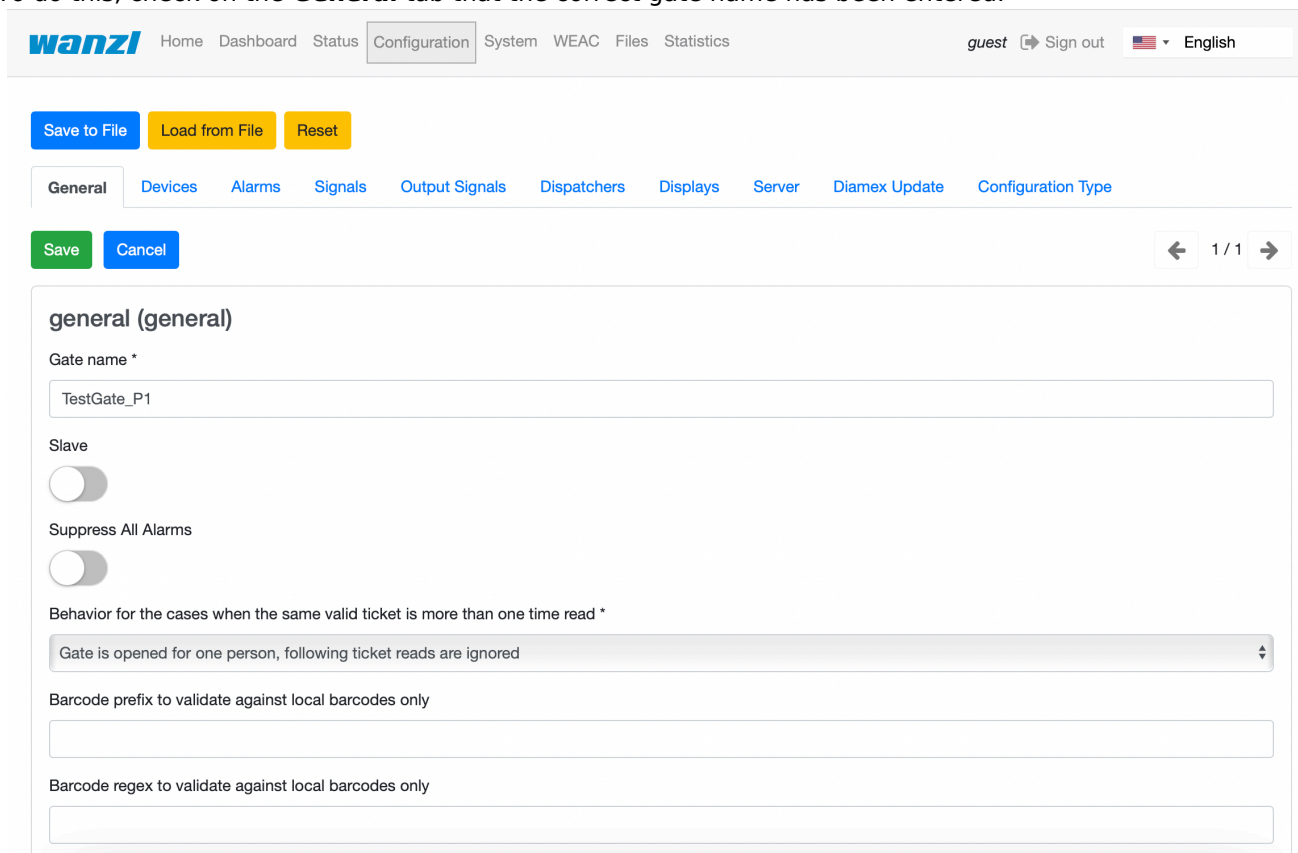
You can now see in the view that you have created a **NEW** gate, in this case the sixth gate in this view.



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 *

5

Name *

Server #0

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

Activated slide-switch is activated.

Your server should be entered under Name*.

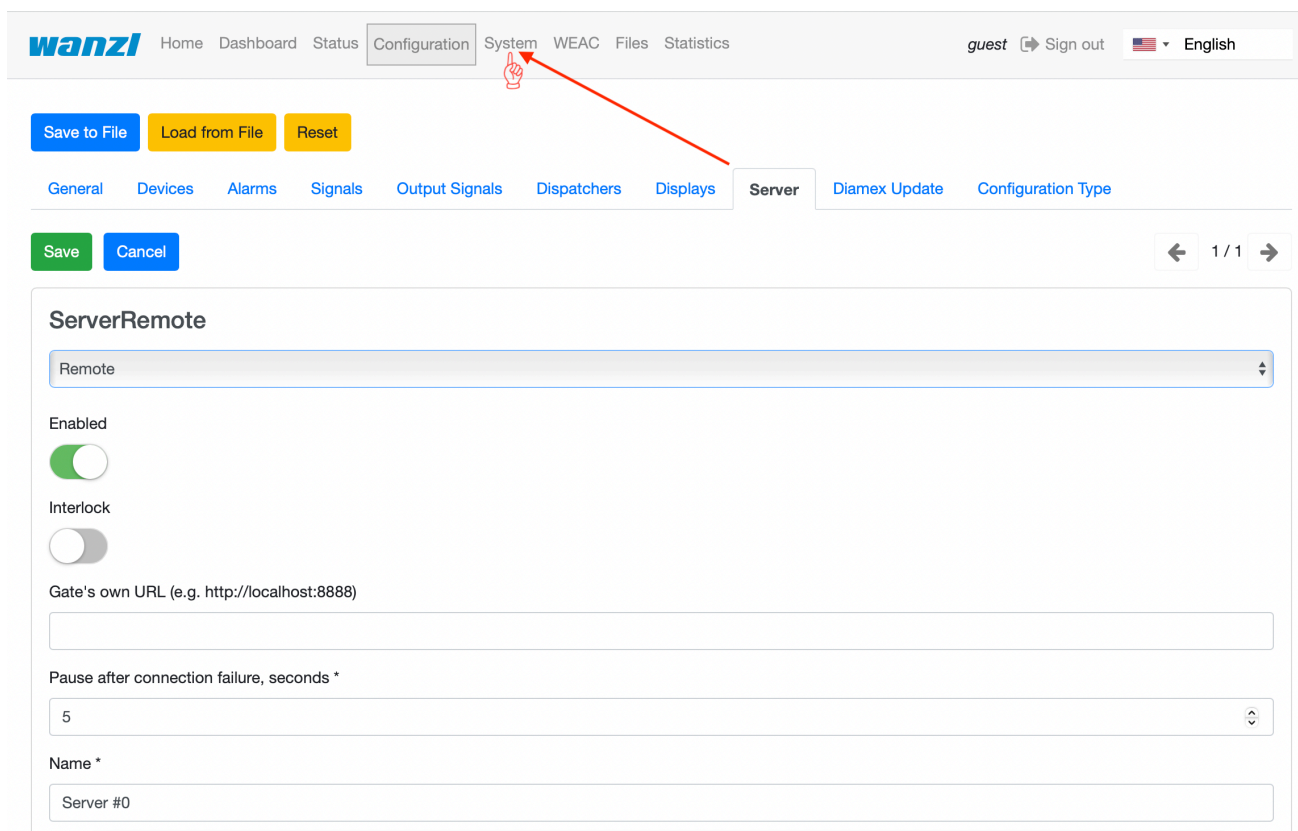
Your URL should be entered under URL*.

Gate should be entered under Username*.

Your password should be entered under Password*.

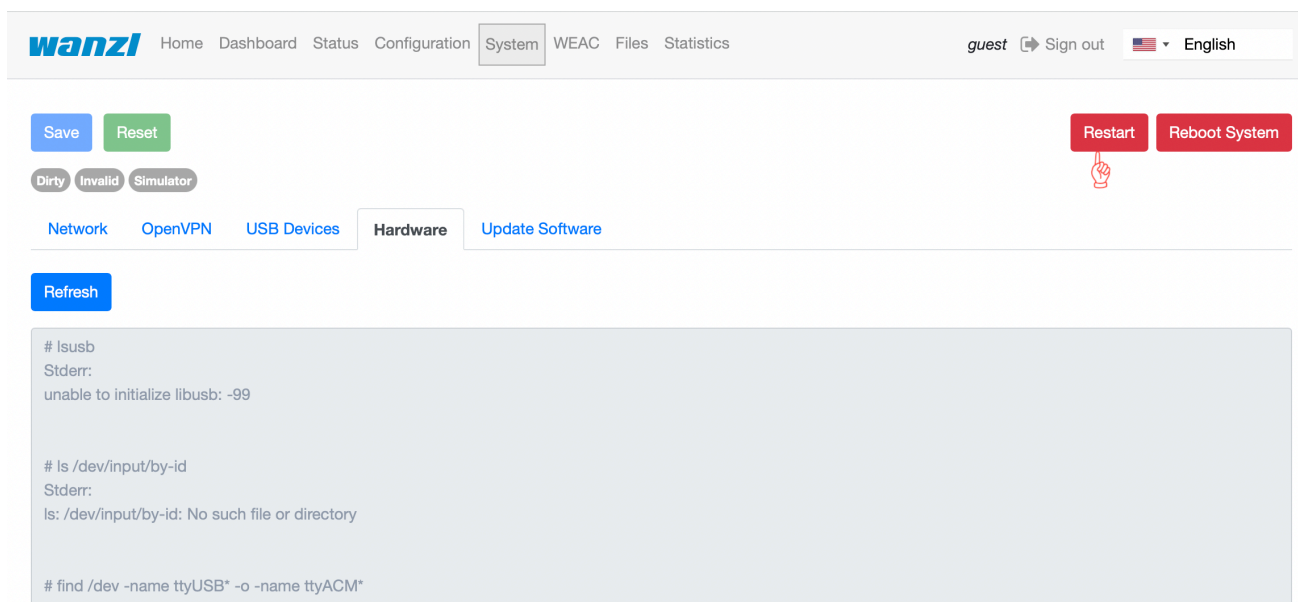
Save at the end.

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'. A secondary navigation bar contains 'General', 'Devices', 'Alarms', 'Signals', 'Output Signals', 'Dispatchers', 'Displays', 'Server', 'Diamex Update', and 'Configuration Type'. The 'Server' tab is selected. Below this are 'Save' and 'Cancel' buttons, and a pagination indicator '1 / 1'. The main content area is titled 'ServerRemote' and contains a dropdown menu set to 'Remote', an 'Enabled' toggle switch (checked), an 'Interlock' toggle switch (unchecked), a text input field for 'Gate's own URL (e.g. http://localhost:8888)', a numeric input field for 'Pause after connection failure, seconds *' set to '5', and a text input field 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 'Save' and 'Reset' buttons, and a status bar with 'Dirty', 'Invalid', and 'Simulator' indicators. A secondary navigation bar contains 'Network', 'OpenVPN', 'USB Devices', 'Hardware', and 'Update Software'. The 'Hardware' tab is selected. Below this is a 'Refresh' button. The main content area 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	Connection error

Displays

Display Entry	https://gate.maxcrc.de/display/display_entry
Display Exit	https://gate.maxcrc.de/display/display_exit

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
manager		
user		
gate		
alarm_notifications		

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](#) Stop 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
Alarm events	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		

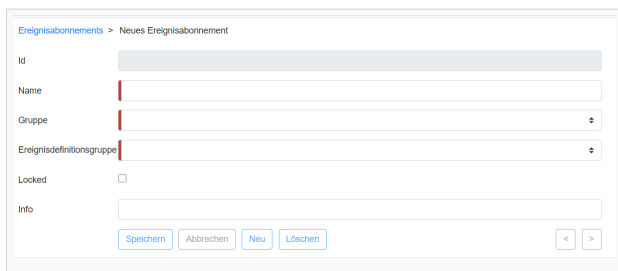
* Absolutely required fields

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,

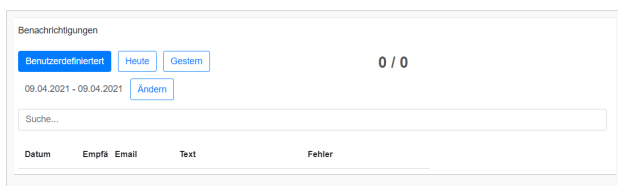


Fieldname	Description
ID	internal value
Group	Summary of users
Ereignisdefinitionsgruppe	Event definition group
Locked	Notifications deactivated/activated
Info	Description field

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

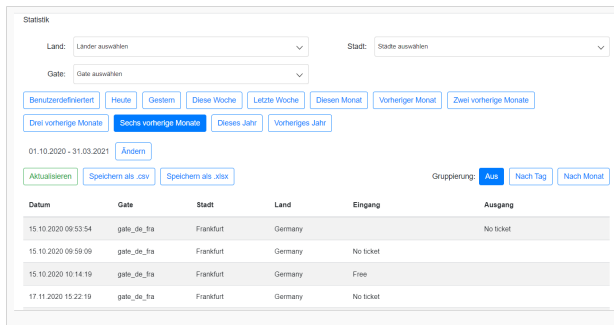
Gesamt: 3 Hinzugefügt: 1 Verändert: 0 Gelöscht: 0

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="🗑️"/>
Das Feld ist erforderlich					
+					
number1	number2	number3	1	<input type="checkbox"/>	<input type="button" value="🗑️"/>
gate_de_fra x gate_ma_mar x gate_de_lan x +					
employee1	employee2	employee3	1	<input type="checkbox"/>	<input type="button" value="🗑️"/>
gate_de_fra x gate_ma_mar x gate_de_lan x +					

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. At the top, there are dropdown menus for 'Land:' (Country) and 'Stadt:' (City), both set to 'auswählen'. Below these is a 'Gate:' dropdown menu. A row of buttons allows for time-based filtering: 'Benutzerdefiniert', 'Heute', 'Gestern', 'Diese Woche', 'Letzte Woche', 'Diesen Monat', 'Vorheriger Monat', and 'Zwei vorherige Monate'. A second row of buttons includes 'Drei vorherige Monate', 'Sechs vorherige Monate', 'Dieses Jahr', and 'Vorheriges Jahr'. The current date range is '01.10.2020 - 31.03.2021' with an 'Ändern' button. Below the filters are buttons for 'Aktualisieren', 'Speichern als csv', and 'Speichern als xlsx'. A 'Gruppierung:' section has buttons for 'Aus', 'Nach Tag', and 'Nach Monat'. The main area contains a table with the following data:

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	