

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	15
5 Administration	18
5.1 User	18
5.1.1 Set up new User	19
5.1.2 Edit existing User	20
5.1.2.1 Event Notifications	20
5.1.2.2 Locations & Positions Tab	20
5.1.2.3 Groups Tab	21
5.1.2.4 Permissions Tab	21
5.2 Groups	21
5.2.1 Set up new Group	22
5.2.2 Edit existing Group	23
5.2.2.1 Users Tab	24
5.2.2.2 Permissions Tab	24
5.3 Positions	24
5.3.1 Set up new Position	25
5.3.2 Edit existing Position	25
5.4 Locations	26
5.4.1 Set up new Location	26
5.4.2 Edit existing Location	27
5.5 Locations & Positions	28
5.6 Configuration	28
6 Events	29
6.1 Events	29
6.2 Event Definitions	29
6.3 Event definition Groups	30
6.3.1 Create a new Event definition Group	30
6.4 Event Subscriptions	31
6.5 Notifications	32
7 Cards	33
7.1 Cards	33

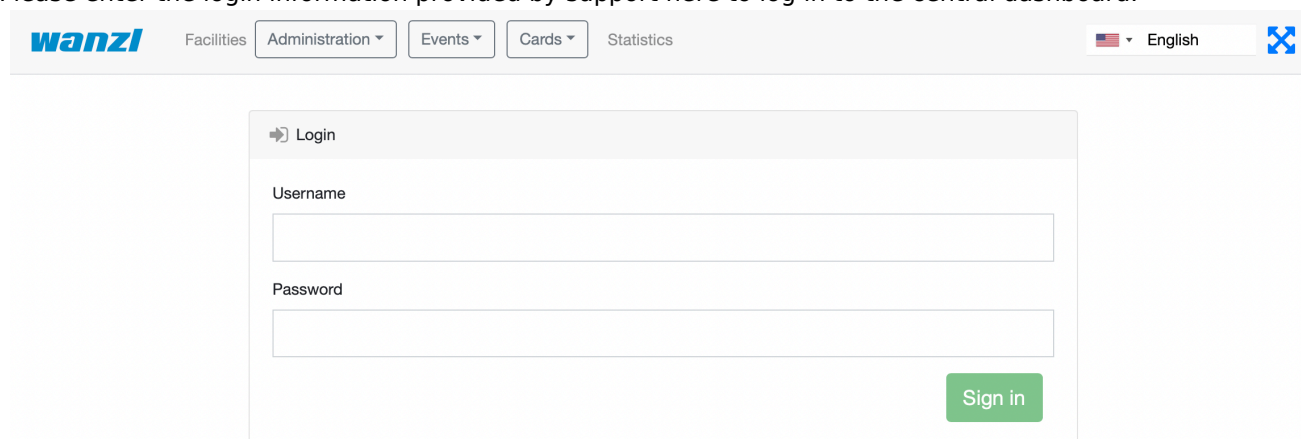
7.2 Edit Cards	33
8 Statistics	34
9 Additional Topics	34
9.1 Authorization	35
9.1.1 Group-Level Authorization	35
9.1.2 Location-Level Authorization	37

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.



The image shows the Wanzl Access Manager login interface. At the top, there is a navigation bar with the Wanzl logo, tabs for Facilities, Administration (selected), Events, Cards, and Statistics, and a language selector set to English. Below the navigation bar is a login form with a 'Login' header, a 'Username' field, a 'Password' field, and a green 'Sign in' button.

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

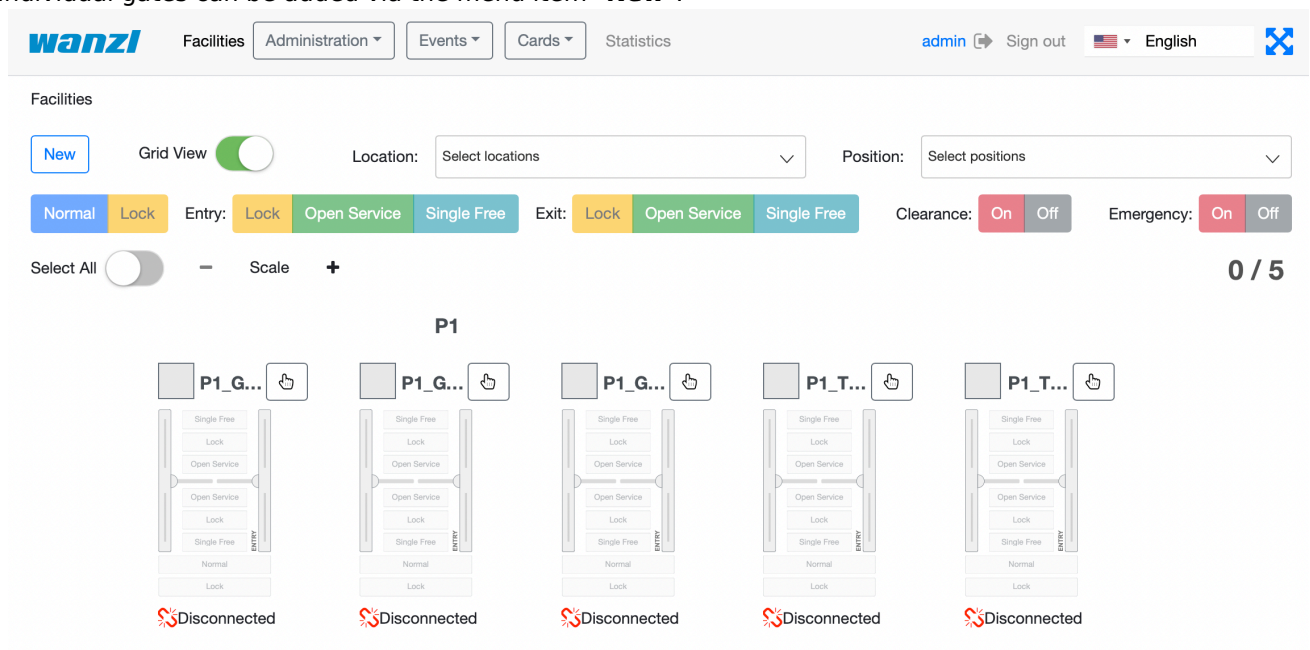
Menu items

Facilities

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

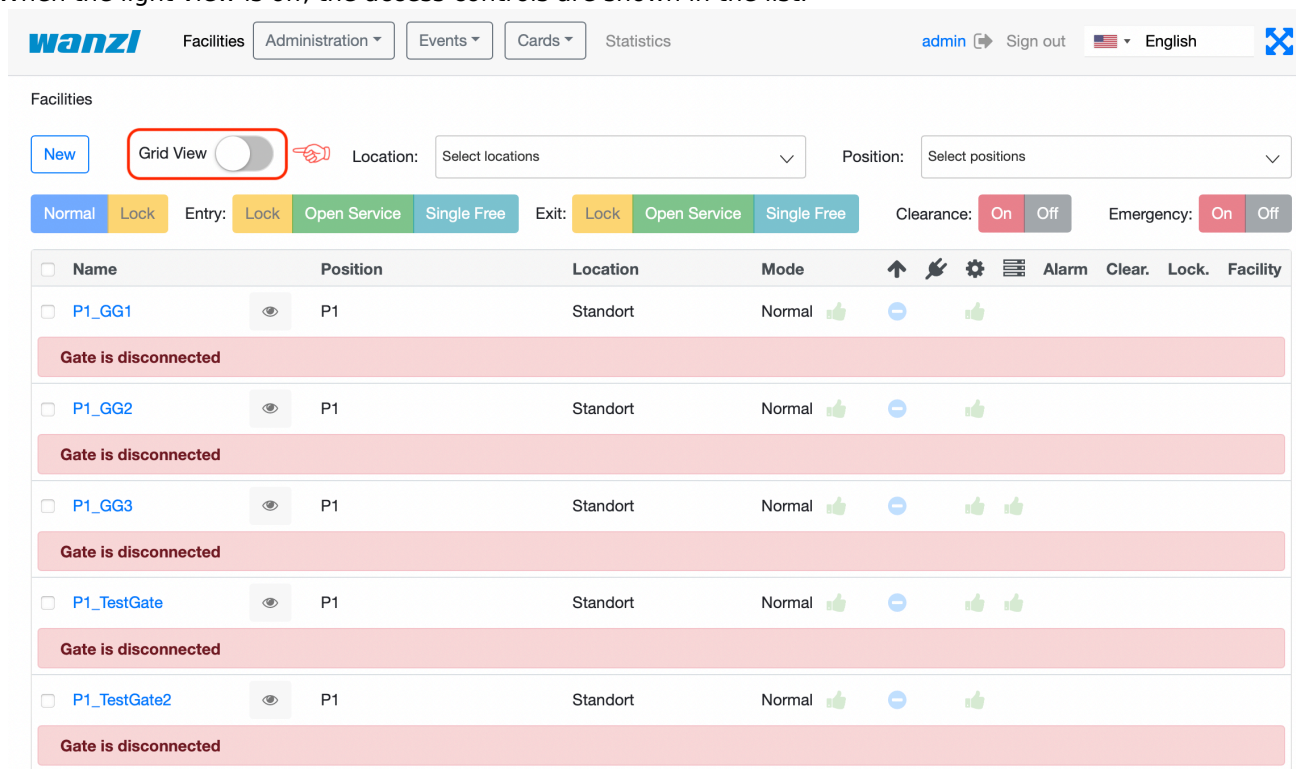
In this view, all access controls are displayed in an intuitive interface. There are grouping options in two categories. First, you can group by **Location**. Within the location you can then summarize different **Locations**.

Individual gates can be added via the menu item "**New**".



The screenshot shows the Wanzl Facilities management dashboard. At the top, there's a navigation bar with the Wanzl logo, tabs for Facilities, Administration, Events, Cards, and Statistics, and user information (admin, Sign out, English). Below the navigation bar, the 'Facilities' section is active. It features a 'New' button, a 'Grid View' toggle, and dropdown menus for 'Location' and 'Position'. A row of buttons allows selecting different access modes: Normal, Lock, Entry, Lock, Open Service, Single Free, Exit, Lock, Open Service, Single Free, Clearance (On/Off), and Emergency (On/Off). There are also 'Select All', 'Scale', and zoom controls. The main area displays five gate units, each with a status icon (a red 'X' in a circle) and the label 'Disconnected'. The gates are labeled P1_G... and P1_T... and each has a set of buttons for Single Free, Lock, Open Service, and Normal.

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



The screenshot shows the Wanzl management dashboard. At the top, there are tabs for Facilities, Administration, Events, Cards, and Statistics. The user is logged in as 'admin' and can sign out. The language is set to English. Below the tabs, there's a 'Facilities' section with a 'New' button and a 'Grid View' toggle (highlighted with a red box and a hand icon). There are also dropdowns for 'Location' and 'Position'. Below these are buttons for 'Normal', 'Lock', 'Entry', 'Lock', 'Open Service', 'Single Free', 'Exit', 'Lock', 'Open Service', 'Single Free', 'Clearance', 'On', 'Off', and 'Emergency', 'On', 'Off'. The main table lists facilities with columns: Name, Position, Location, Mode, and icons for Alarm, Clear, Lock, and Facility. The facilities listed are P1_GG1, P1_GG2, P1_GG3, P1_TestGate, and P1_TestGate2, all with 'Standort' as the location and 'Normal' as the mode. Each facility 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	
Normal	change to Normal state	
Lock	lock the doors in both directions	
Single Free	open the door in the direction of entrance/exit for a single person	
Single Free	lock the door in the direction of entrance/exit	
Open Service	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	Only if there are two or more

	the gate	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).

 Facilities Administration Events Cards Statistics admin Sign out English

Facilities > Gate View

P1_GG1, P1

Single Free

Lock

Open Service

Open Service

Lock

Single Free

Normal

Lock

ENTRY

Clearance ☐ Emergency ☐

Restart

Disconnected

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	Restart the gate	

Konfiguration:	kein freier Austritt	Choose a new configuration of the gate from the combo box	Only if there are two or more configurations at the gate
Anwenden		Apply the new configuration	
Abbrechen		Do without the new configuration	

Set up a new Gate

Please click the button **New**

wanzl
Facilities
Administration
Events
Cards
Statistics
admin
Sign out
English

Facilities

New

Grid View

Location:
Select locations

Position:
Select positions

Normal
Lock

Entry:
Lock
Open Service
Single Free

Exit:
Lock
Open Service
Single Free

Clearance:
On
Off

Emergency:
On
Off

Select All
Scale

0 / 6

P1

P1_G...

P1_G...

P1_G...

P1_T...

P1_T...

TestG...

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.

wanzi Facilities Administration Events Cards Statistics admin Sign out English

Facilities

New Grid View Location: Select locations Position: Select positions

Normal Lock Entry: Lock Open Service Single Free Exit: Lock Open Service Single Free Clearance: On Off Emergency: On Off

Select All Scale + 0 / 6

P1

P1_G... P1_G... P1_G... P1_T... P1_T... TestG...

Single Free Lock Open Service Open Service Lock Lock Single Free Normal Lock

Disconnected

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.

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

general (general)

Gate name *

TestGate_P1

Slave

Suppress All Alarms

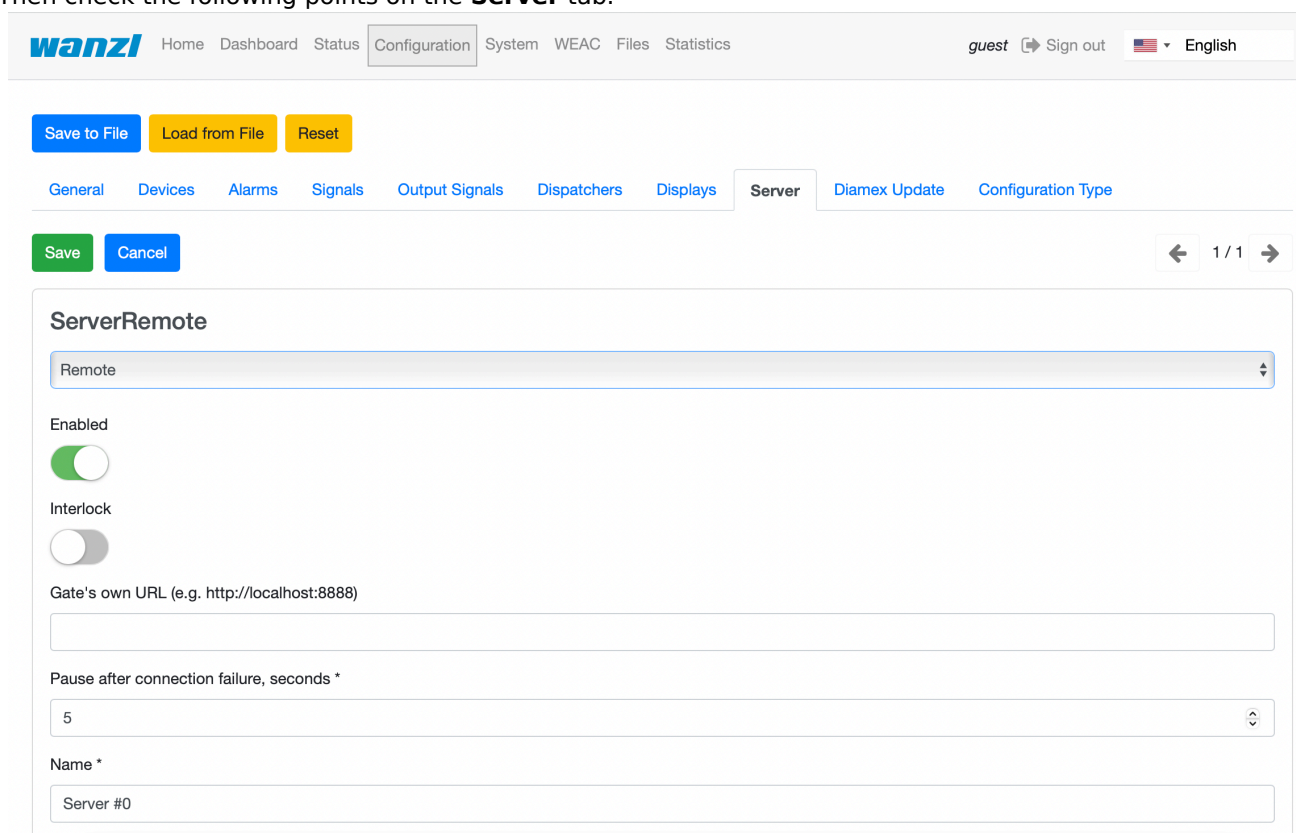
Behavior for the cases when the same valid ticket is more than one time read *

Gate is opened for one person, following ticket reads are ignored

Barcode prefix to validate against local barcodes only

Barcode regex to validate against local barcodes only

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



The screenshot shows the Wanzl management dashboard. The top navigation bar includes links for Home, Dashboard, Status, Configuration (selected), System, WEAC, Files, and Statistics. The user is logged in as 'guest' and can sign out. The language is set to English. Below the navigation bar, there are buttons for 'Save to File', 'Load from File', and 'Reset'. The main configuration area has tabs for General, Devices, Alarms, Signals, Output Signals, Dispatchers, Displays, **Server** (selected), Diamex Update, and Configuration Type. At the top of the configuration area, there are 'Save' and 'Cancel' buttons, and a pagination indicator '1 / 1'. The 'ServerRemote' section contains the following fields:

- Remote**: A dropdown menu with 'Remote' selected.
- Enabled**: A toggle switch that is currently turned on (green).
- Interlock**: A toggle switch that is currently turned off (grey).
- Gate's own URL (e.g. http://localhost:8888)**: An empty text input field.
- Pause after connection failure, seconds ***: A dropdown menu with '5' selected.
- Name ***: A text input field containing 'Server #0'.

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

Activated slide-switch is activated.

Your server should be entered under Name*.

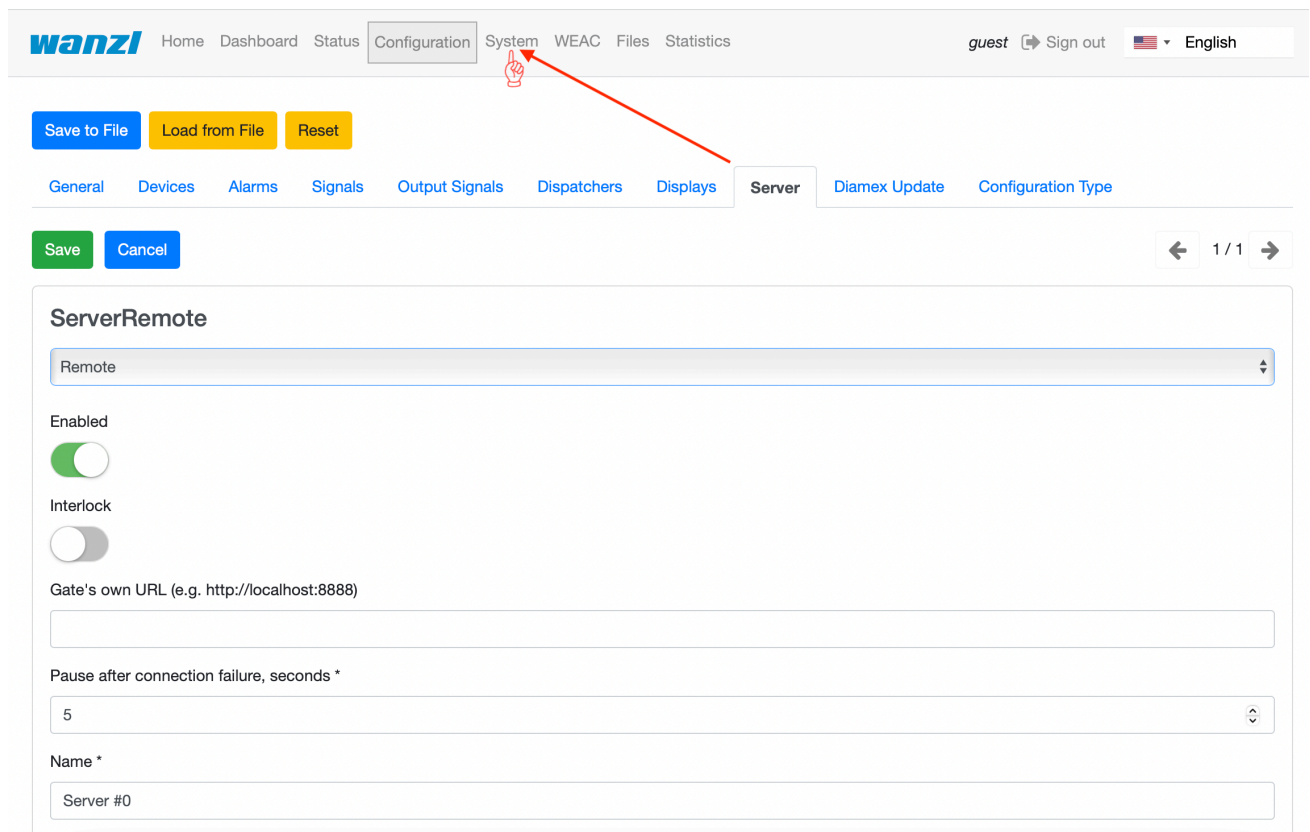
Your URL should be entered under URL*.

Gate should be entered under Username*.

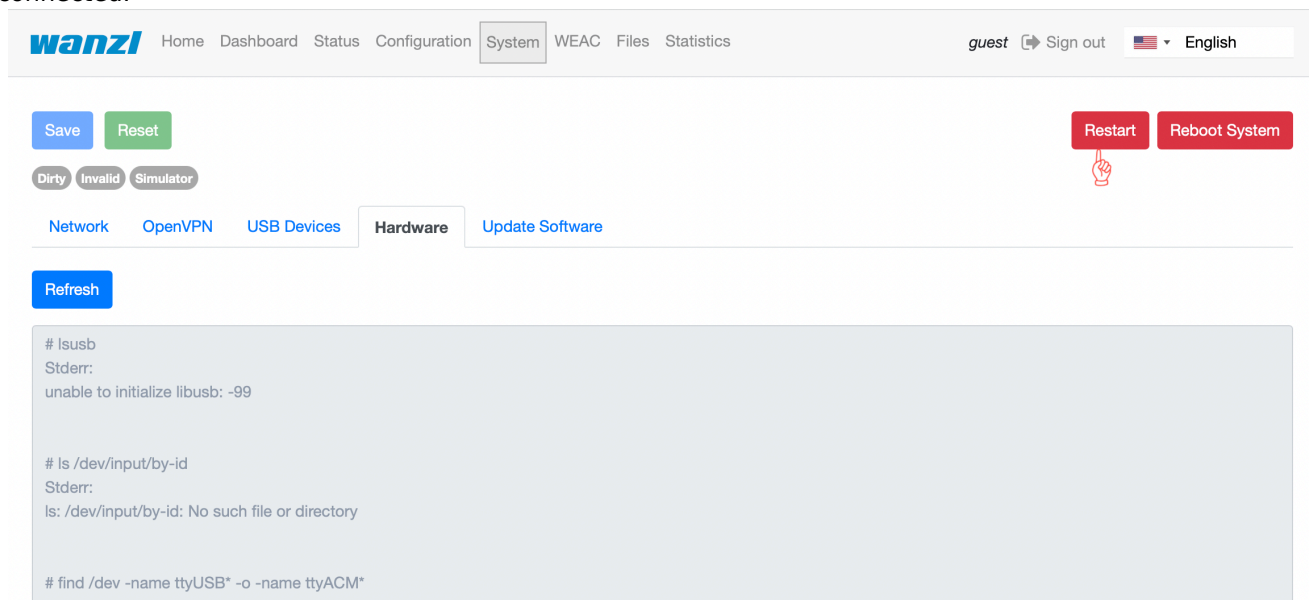
Your password should be entered under Password*.

Save at the end.

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



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



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

wanzi Home Dashboard **Status** Configuration System WEAC Files Statistics guest  Sign out  English

 Server

Type	Last Error	State	Action
Simulator		Connected	<button>Connection error</button>

 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	☒
Light Bar	Simulator	Ready		☐
Audio Player	Simulator	Ready		☐
Slave FMCU	Simulator	Ready		☐
Led Player	Simulator	Ready		☐
Led Player	Simulator	Ready		☐

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.

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Facilities

New

Grid View

Location: Select locations

Position: Select positions

Normal Lock Entry: Lock Open Service Single Free Exit: Lock Open Service Single Free Clearance: On Off Emergency: On Off

☐	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											
☐	TestGate_P1	P1	Standort								
Gate is disconnected											

In the view click on the name of the gate which you want to edit (in the example TestGate_P1).

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Facilities

New Grid View Location: Select locations Position: Select positions

Normal Lock Entry: Lock Open Service Single Free Exit: Lock Open Service Single Free Clearance: On Off Emergency: On Off

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							
☐ TestGate_P1	P1	Standort					
Gate is disconnected							

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

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 edit the gate in this view.

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Facilities > Gate Cards

TestGate_P1
P1, Standort
Disconnected

Barcode	Employee	Employee ID	Count
---------	----------	-------------	-------

Save Cancel New Teaching Mode ☐ Save to File Load from File < >

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.

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Facilities

New Grid View ☐ Location: Select locations Position: Select positions

Normal Lock Entry: Lock Open Service Single Free Exit: Lock Open Service Single Free Clearance: On Off Emergency: On Off

☐	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								
☐	TestGate_P1	P1	Standort					
Gate is disconnected								

In the view click on the name of the gate which you want to delete (in the example TestGate_P1).

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Facilities

New Grid View Location: Select locations Position: Select positions

Normal Lock Entry: Lock Open Service Single Free Exit: Lock Open Service Single Free Clearance: On Off Emergency: On Off

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							
☐ TestGate_P1	P1	Standort					
Gate is disconnected							

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

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: ☐

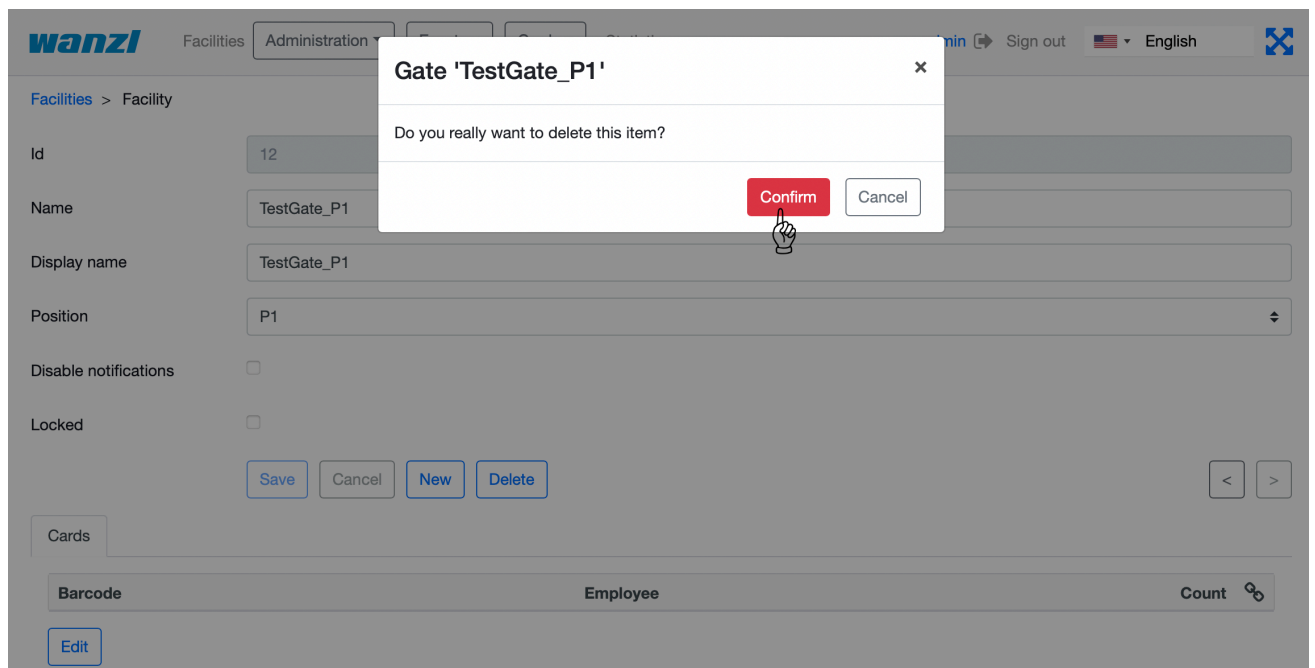
Save Cancel New **Delete**

Cards

Barcode Employee Count

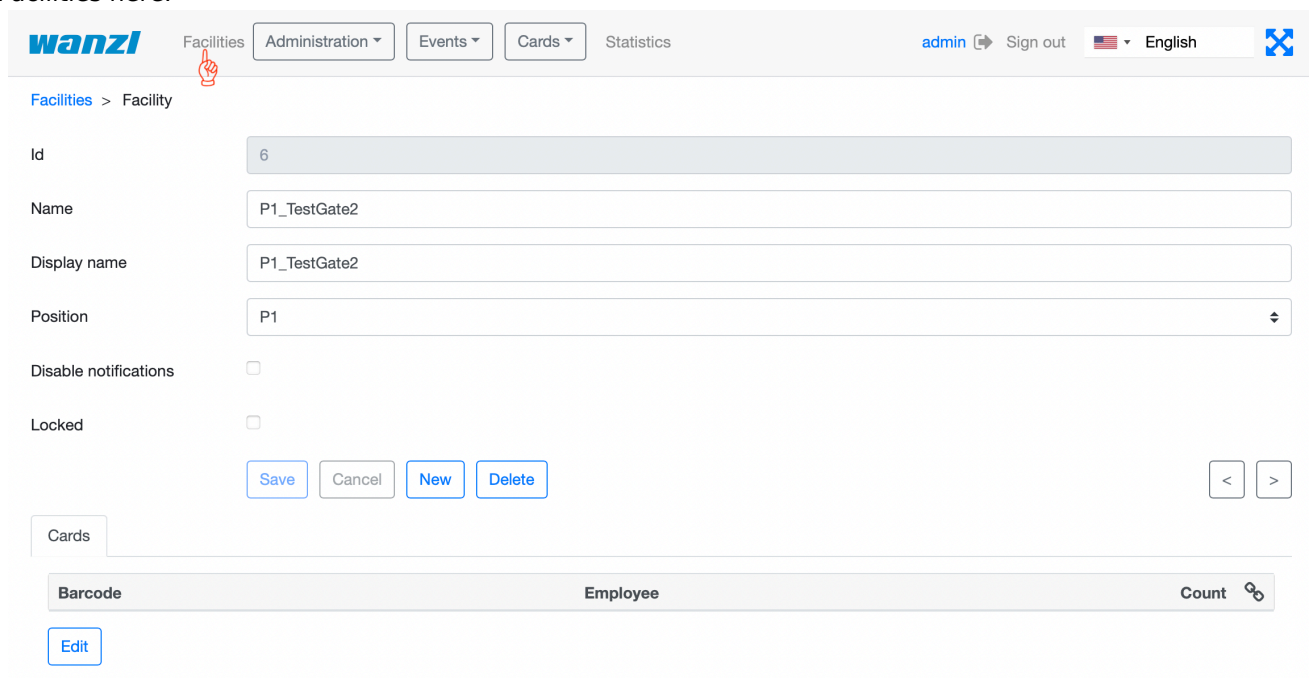
Edit

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



The screenshot shows the Wanzl management dashboard. A modal dialog titled "Gate 'TestGate_P1'" is open, asking "Do you really want to delete this item?". The dialog has a red "Confirm" button and a white "Cancel" button. A mouse cursor is pointing at the "Confirm" button. In the background, the "Facilities" section is visible, showing a form for "TestGate_P1" with fields for Id (12), Name, Display name, Position (P1), and checkboxes for "Disable notifications" and "Locked". There are "Save", "Cancel", "New", and "Delete" buttons at the bottom of the form. Below the form is a "Cards" section with a table header "Barcode" and "Employee", and a "Count" column. An "Edit" button is also present.

After deleting, you will automatically be shown the next gate (in the example P1_TestGate2). Please click on Facilities here.



The screenshot shows the Wanzl management dashboard after the deletion of Gate 'TestGate_P1'. The "Facilities" section is now showing the form for "P1_TestGate2". The fields are: Id (6), Name (P1_TestGate2), Display name (P1_TestGate2), Position (P1), and checkboxes for "Disable notifications" and "Locked". There are "Save", "Cancel", "New", and "Delete" buttons at the bottom of the form. Below the form is a "Cards" section with a table header "Barcode" and "Employee", and a "Count" column. An "Edit" button is also present. A red arrow points to the "Facilities" tab in the top navigation bar.

You will then see in the Grid View that Gate TestGate_P1 is missing and has been successfully deleted.

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Facilities

New Grid View Location: Select locations Position: Select positions

Normal Lock Entry: Lock Open Service Single Free Exit: Lock Open Service Single Free Clearance: On Off Emergency: On Off

☐	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												

Administration

User

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

On this page you can see an overview of all users

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Users

New Location: Select locations Position: Select positions

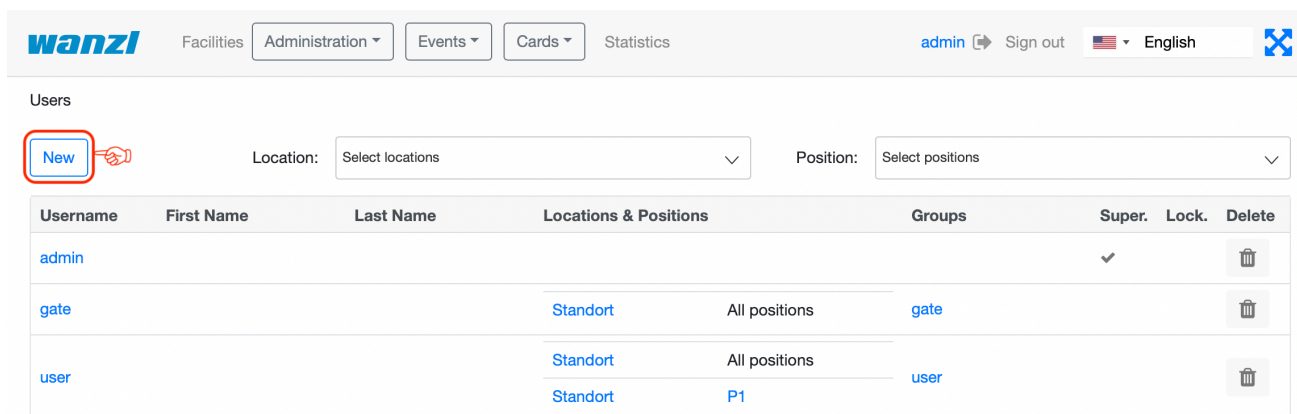
Username	First Name	Last Name	Locations & Positions	Groups	Super.	Lock.	Delete
admin					✓		
gate			Standort All positions	gate			
user			Standort All positions Standort P1	user			

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>



The screenshot shows the Wanzl Management Dashboard. At the top, there are navigation tabs: Facilities, Administration (selected), Events, Cards, and Statistics. On the right, there is a user profile for 'admin' with a 'Sign out' button and a language selector set to 'English'. Below the navigation, the 'Users' section is visible. A red box highlights the 'New' button, which is accompanied by a hand icon. To the right of the 'New' button are two dropdown menus: 'Location: Select locations' and 'Position: Select positions'. Below these are three user entries in a table:

Username	First Name	Last Name	Locations & Positions	Groups	Super.	Lock.	Delete
admin					✓		
gate			Standort	All positions	gate		
user			Standort	All positions	user		

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** a user to edit

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Users

New Location: Select locations Position: Select positions

Username	First Name	Last Name	Locations & Positions		Groups	Super.	Lock.	Delete
admin						✓		
gate			Standort	All positions	gate			
user			Standort	All positions	user			
			Standort	P1				

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.

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Notifications

Custom Today Yesterday Feb 24, 2022 - Feb 24, 2022 Change 0 / 0

Search...

Date	Recep	Email	Text	Failure
No data to display				

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.

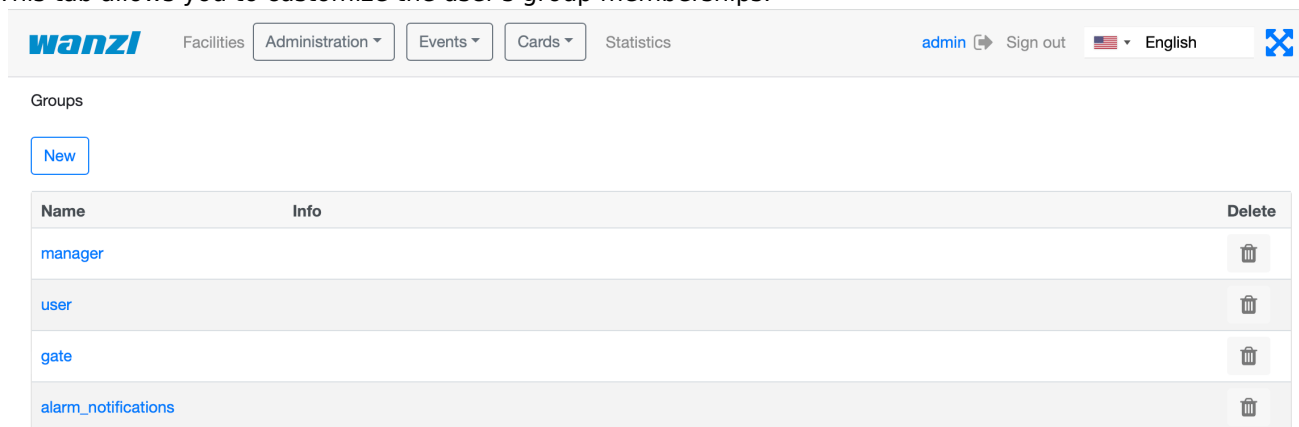
wanzl Facilities Administration Events Cards Statistics admin Sign out English

Locations & Positions

Location	Position
Standort	All positions
Standort	P1

Groups Tab

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

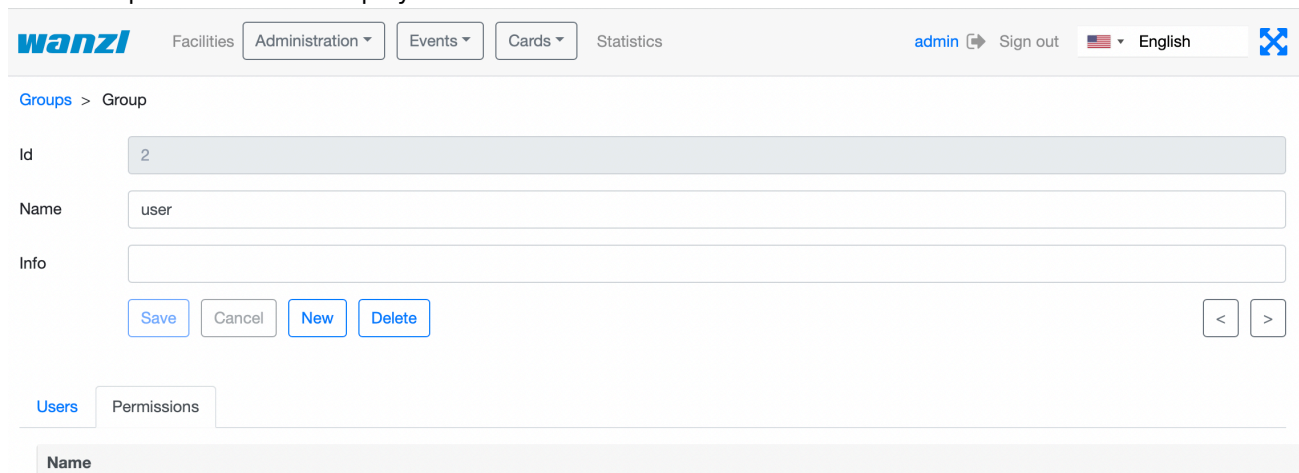


The screenshot shows the 'Groups' tab in the Wanzl management dashboard. The top navigation bar includes the Wanzl logo, 'Facilities', 'Administration' (selected), 'Events', 'Cards', and 'Statistics'. On the right, it shows 'admin', 'Sign out', a language dropdown set to 'English', and a help icon. Below the navigation bar, the 'Groups' section has a 'New' button and a table of existing groups.

Name	Info	Delete
manager		
user		
gate		
alarm_notifications		

Permissions Tab

The user's permissions are displayed under this tab



The screenshot shows the 'Permissions' tab in the Wanzl management dashboard. The top navigation bar is identical to the Groups tab. Below the navigation bar, the 'Permissions' section has a breadcrumb 'Groups > Group'. It displays a form for editing a group with fields for 'Id' (2), 'Name' (user), and 'Info'. Below the form are 'Save', 'Cancel', 'New', and 'Delete' buttons, along with left and right navigation arrows. At the bottom, there are tabs for 'Users' and 'Permissions' (selected), and a table header for 'Name'.

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

 Facilities Administration Events Cards Statistics admin Sign out English

Groups

New

Name	Info	Delete
manager		
user		
gate		
alarm_notifications		

Set up new Group

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

Click under **Gruppen** the button **New**

 Facilities Administration Events Cards Statistics admin Sign out English

Groups

New

Name	Info	Delete
manager		
user		
gate		
alarm_notifications		

please enter a group name, optional you can write a description to the group


Facilities
Administration
Events
Cards
Statistics
admin
Sign out
English

Groups > New Group

Id
Name
Info
Save Cancel New Delete

Users Permissions

Username	Email	First name	Last name	Info
Edit				

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


Facilities
Administration
Events
Cards
Statistics
admin
Sign out
English

Groups

New

Name	Info	Delete
manager		
user		
gate		
alarm_notifications		

Users Tab

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

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Groups > Group

Id2

Nameuser

Info

SaveCancelNewDelete

UsersPermissions

Username	Email	First name	Last name	Info
user				

Edit

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.

UsersPermissions

Name

Can read 'model'

Can read 'permission'

Can read 'user'

Can read 'group'

Can read 'user group'

Can read 'group permission'

Can read 'gate'

Can read 'gate state'

Can read 'location'

Can read 'country'

Positions

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

On this page you can see an overview of all positions

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Positions

New

Name	Location	Delete
P1	Standort	

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.

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Positions > New Position

Id

Name

Location

Standort

Save

Cancel

New

Delete

<

>

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

Edit existing Position

Under [Positions](#) click to edit the position

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Positions

New

Name	Location	Delete
P1	Standort	

Here you can edit the position name and location

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Positions > Position

Id: 1

Name: P1

Location: Standort

Save Cancel New Delete

Locations

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

On this page you can see an overview of all locations

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Locations

New

Name	Info	Delete
Standort		

Set up new Location

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

Press under **Locations** the button **New**

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Locations

New

Name	Info	Delete
Standort		

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Locations > New Location

Id

Name

Info

Save

Cancel

New

Delete

<

>

Field Name	Description
Id	Automatically generated unique number of the location
Name*	Location name
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

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Locations

New

Name	Info	Delete
Standort		

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

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Locations > Location

Id

1

Name

Standort

Info

Save

Cancel

New

Delete

<

>

Locations & Positions

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

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

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Locations & Positions

Location	Position
Standort	All positions
Standort	P1

Configuration

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

wanzl Facilities Administration Events Cards Statistics admin Sign out English

Configuration

General

Notification interval, sec.

10

Facility disconnect timeout, sec.

15

CSV delimiter

,

Zip exported files

☐

Show menu 'Room Occupancies'

☐

Show menu 'Tickets'

☐

Show menu 'Interlocks'

☐

Email

From

x@example.com

Hostname

example.com

Port

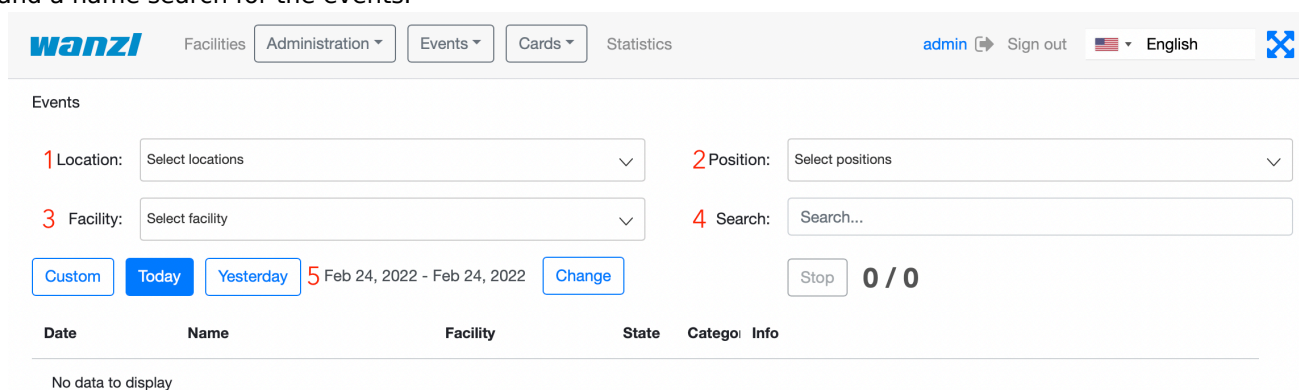
465

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.



The screenshot shows the Wanzl Events management interface. At the top, there is a navigation bar with the Wanzl logo, tabs for Facilities, Administration, Events, Cards, and Statistics, and user information (admin, Sign out, English). Below the navigation bar, the 'Events' section is active. It features four filters: 1. Location (Select locations), 2. Position (Select positions), 3. Facility (Select facility), and 4. Search (Search...). Below these filters, there are buttons for 'Custom', 'Today', 'Yesterday', and a date range '5 Feb 24, 2022 - Feb 24, 2022' with a 'Change' button. A 'Stop' button and a counter '0 / 0' are also present. Below the filters, there is a table header with columns: Date, Name, Facility, State, Category, and Info. The table currently displays 'No data to display'.

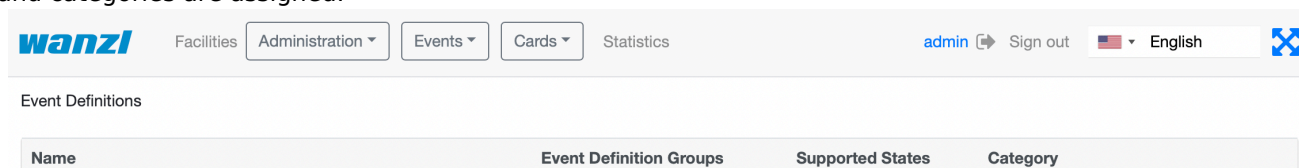
The following filters can be set:

1. Location
2. Position
3. Facility
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.



The screenshot shows the Wanzl Event Definitions management interface. At the top, there is a navigation bar with the Wanzl logo, tabs for Facilities, Administration, Events, Cards, and Statistics, and user information (admin, Sign out, English). Below the navigation bar, the 'Event Definitions' section is active. It features a table with the following columns: Name, Event Definition Groups, Supported States, and Category.

Event definition Groups

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

All event definition groups are listed under this tab.

 Facilities Administration Events Cards Statistics admin Sign out English

Event Definition Groups

[New](#)

Name	Events	Info	Delete
Alarm events	One or more devices failed		
	All devices are operational		
	State Fire Alarm		
	Counter Pass		
	Unauthorized Access		
	Tailgating		
	Motionless Object		
	Door Break-In		
	Proceed Alarm		
	Server Alarm		
	Invalid Ticket		
	Fire Alarm		
	Emergency		
	No Dispatcher		
	Valid Ticket		

Create a new Event definition Group

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


Facilities
Administration
Events
Cards
Statistics
admin
Sign out
English

Event Definition Groups

New

Name	Events	Info	Delete
Alarm events	One or more devices failed		
	All devices are operational		
	State Fire Alarm		
	Counter Pass		
	Unauthorized Access		
	Tailgating		
	Motionless Object		
	Door Break-In		
	Proceed Alarm		
	Server Alarm		
	Invalid Ticket		
	Fire Alarm		
	Emergency		
	No Dispatcher		
	Valid Ticket		


Facilities
Administration
Events
Cards
Statistics
admin
Sign out
English

Event Definition Groups > New Event Definition Group

Id

Name

Info

Save Cancel New Delete

Event Definitions

Name	Info	Category	Selected
------	------	----------	----------

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,

 Facilities Administration Events Cards Statistics admin Sign out English
Event Subscriptions > New Event Subscription
Id
Name
Group manager
Event definition group Alarm events
Locked
Info
Save Cancel New Delete

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.

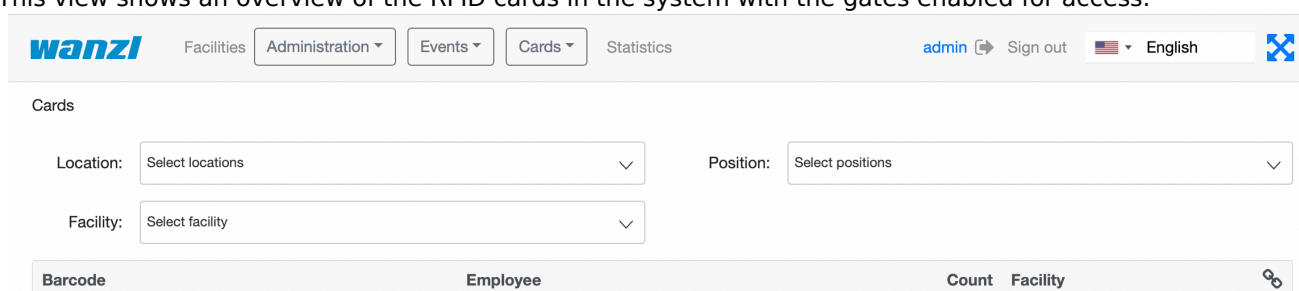
 Facilities Administration Events Cards Statistics admin Sign out English
Notifications
Custom Today Yesterday Feb 24, 2022 - Feb 24, 2022 Change 0 / 0
Search...
Date Recep Email Text Failure
No data to display

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.

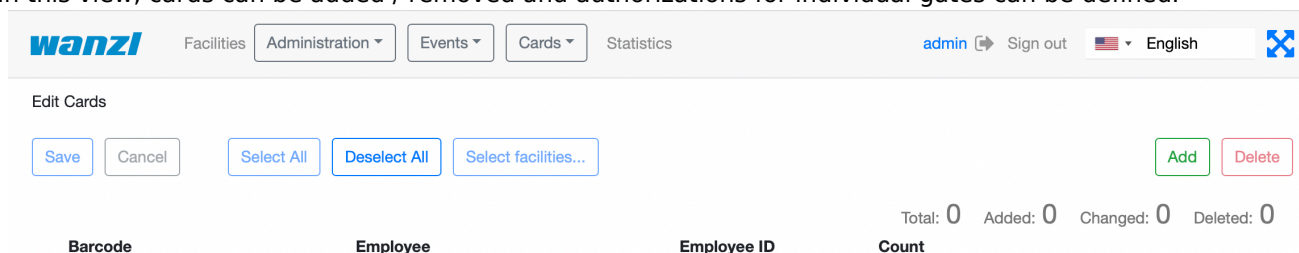


The screenshot shows the Wanzl management dashboard. The top navigation bar includes the Wanzl logo, tabs for Facilities, Administration, Events, Cards (selected), and Statistics. On the right, there is a user profile 'admin', a 'Sign out' link, and language settings set to 'English'. Below the navigation bar, the 'Cards' section has two dropdown menus: 'Location: Select locations' and 'Position: Select positions'. Below these is a 'Facility: Select facility' dropdown. At the bottom, there is a table header with columns: Barcode, Employee, Count, and Facility. A search icon is located at the end of the header row.

Edit Cards

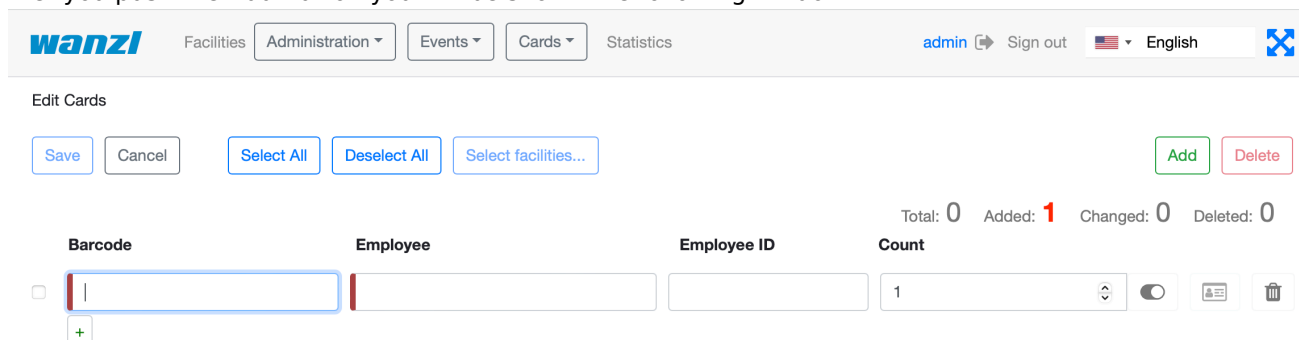
<https://<dns-name or ip-address>/cards-edit>

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



The screenshot shows the Wanzl 'Edit Cards' page. The top navigation bar is identical to the previous page. Below the navigation bar, the 'Edit Cards' section has several buttons: 'Save', 'Cancel', 'Select All', 'Deselect All', 'Select facilities...', 'Add' (green), and 'Delete' (red). Below these buttons, there is a table header with columns: Barcode, Employee, Employee ID, and Count. To the right of the table header, there are statistics: 'Total: 0', 'Added: 0', 'Changed: 0', and 'Deleted: 0'.

After you push the Add Button you will be shown the following window



The screenshot shows the Wanzl 'Edit Cards' page after clicking the 'Add' button. The top navigation bar is identical to the previous page. Below the navigation bar, the 'Edit Cards' section has the same buttons as before. Below the buttons, there is a table header with columns: Barcode, Employee, Employee ID, and Count. To the right of the table header, the statistics are updated: 'Total: 0', 'Added: 1' (in red), 'Changed: 0', and 'Deleted: 0'. Below the table header, there is a form with a 'Barcode' input field, an 'Employee' input field, an 'Employee ID' input field, and a 'Count' input field. The 'Barcode' input field is highlighted with a blue border. Below the 'Barcode' input field, there is a small green '+' button. To the right of the 'Count' input field, there is a dropdown menu, a toggle switch, and two icons: a document and a trash can.

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.

 Facilities Administration Events Cards Statistics admin Sign out English

Statistics

Location: Select locations

Position: Select positions

Facility: Select facility

Custom

Today

Yesterday

This week

Previous week

This month

Previous month

Two previous months

Three previous months

Six previous months

This year

Previous year

Feb 24, 2022 - Feb 24, 2022

Change

Refresh

Save as .csv

Save as .xlsx

Grouping:

Off

By Day

By Month

Date	Facility	Position	Location	Entry	Exit
No data to display					
Count of rows: 0					

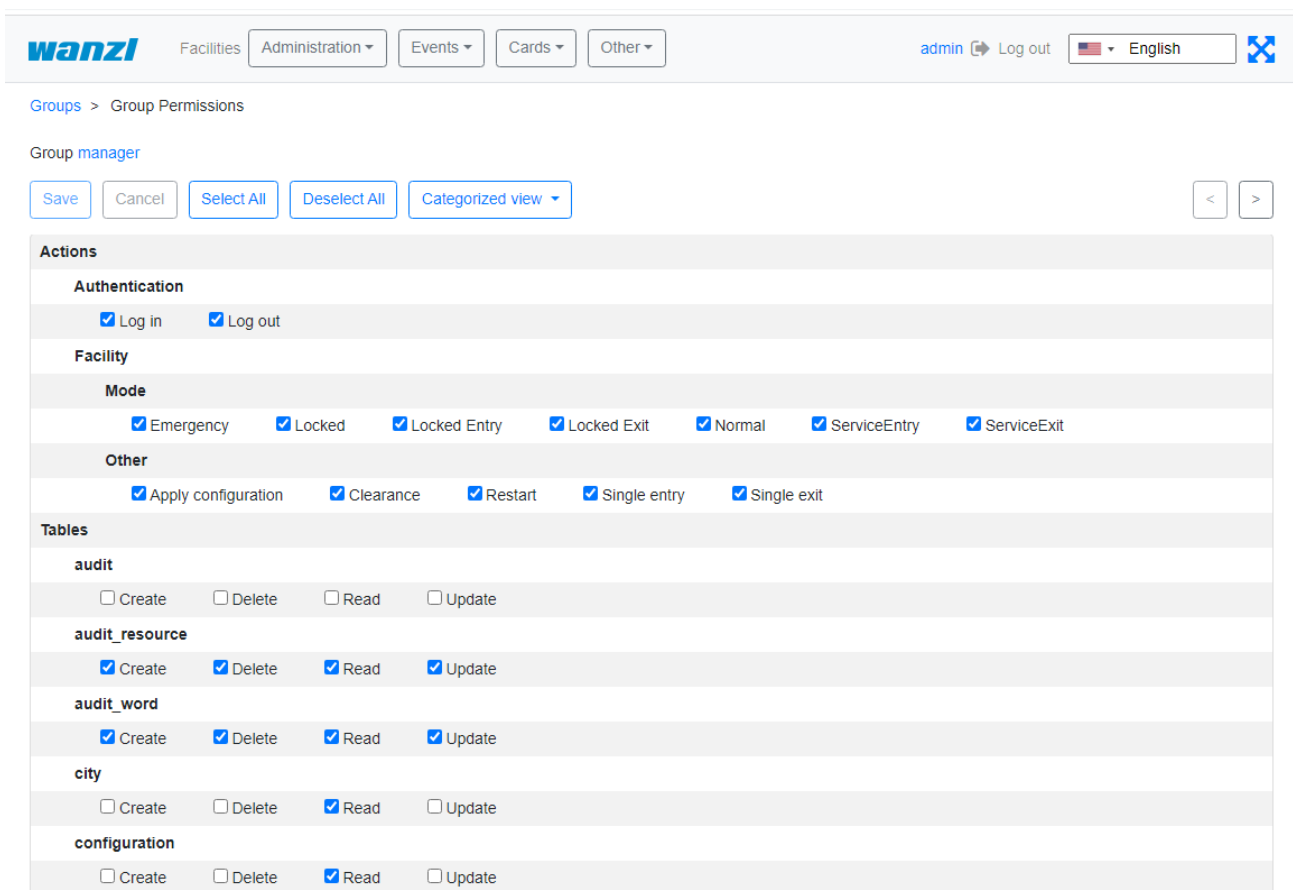
Additional Topics

Authorization

Access to certain resources provided by the application, e.g. facilities, actions, user interface elements, can be limited or unlimited. Access is unlimited if the user is a superuser. Any superuser can set or remove the **Superuser** property for any other user. Access for non-superuser users can be restricted by their groups (**group-level permissions**) and/or locations (**location-level permissions**).

Group-Level Authorization

Group-level authorization is implemented through group permissions, which are a set of boolean values (true/false) that allow/deny group users access to various resources. The permissions are divided into categories and subcategories for easier navigation.



The screenshot shows the Wanzl management dashboard. At the top, there is a navigation bar with the Wanzl logo, tabs for Facilities, Administration, Events, Cards, and Other, and a user profile section showing 'admin' with a 'Log out' button and a language selector set to 'English'. Below the navigation bar, the breadcrumb 'Groups > Group Permissions' is visible. The main section is titled 'Group manager' and contains several buttons: 'Save', 'Cancel', 'Select All', 'Deselect All', and 'Categorized view'. Below these buttons is a table of permissions categorized into 'Actions' and 'Tables'.

Actions				
Authentication				
☒	Log in	☒	Log out	
Facility				
Mode				
☒	Emergency	☒	Locked	☒
☒	Locked Entry	☒	Locked Exit	☒
☒	Normal	☒	ServiceEntry	☒
☒	ServiceExit			
Other				
☒	Apply configuration	☒	Clearance	☒
☒	Restart	☒	Single entry	☒
☒	Single exit			
Tables				
audit				
☐	Create	☐	Delete	☐
☐	Read	☐	Update	
audit_resource				
☒	Create	☒	Delete	☒
☒	Read	☒	Update	
audit_word				
☒	Create	☒	Delete	☒
☒	Read	☒	Update	
city				
☐	Create	☐	Delete	☒
☐	Read	☐	Update	
configuration				
☐	Create	☐	Delete	☒
☐	Read	☐	Update	

The image shows the permissions for the **Manager** group. If a checkbox is set, the resource is allowed for the users, otherwise it is denied.

Here are some examples of permissions:

- **Actions / Facility / Mode / ServiceEntry.** If the action **ServiceEntry** is set, the users of this group can open the gate in the entry direction, otherwise they cannot.

Actions	
Authentication	
☒ Log in	☒ Log out
Facility	
Mode	
☒ Emergency	☒ Locked
☒ Locked Entry	☒ Locked Exit
☒ Normal	☒ ServiceEntry
☒ ServiceExit	
Other	
☒ Apply configuration	☒ Clearance
☒ Restart	☒ Single entry
☒ Single exit	

- **Tables / audit / Read.** The **Administration | Audit** page displays data from the **audit** database table. By default, access to the **audit** table is denied to all groups. This means that the data on the **Administration | Audit** page is only displayed to superusers.

Tables	
audit	
☐ Create	☐ Delete
☐ Read	☐ Update

- **Views | Menu | Administration | Groups.** If the **Groups** checkbox is set, the menu item is shown to the users, otherwise it is hidden.

Views	
Facility	
Tabs	
☒ Cards	
Menu	
Administration	
☐ Audit	☐ Configuration
☒ Groups	☒ Locations
☒ Locations & Positions	☒ Positions
☒ Users	

The permissions are divided into the following top categories:

Category	Description	Example
Actions	Actions, the user can execute from the dashboard	ServiceEntry , allow/deny users to permanently open facilities in entry direction
Tables	Create, read, update and delete records in database tables	Allow/deny users to access the audit table
Views	Show/hide user interface elements	Show/hide the Administration / Groups menu

 NOTE

If the user belongs to more than one group and access to a resource is allowed in one of the groups, the user can access the resource

 NOTE

The configuration of items in the *Views* category should be consistent with items in the *Tables* category. For example, if a menu for a page is configured to be displayed, but the database table whose data is displayed on the page is configured to be denied, the data will not be displayed

Location-Level Authorization

Location-level authorization means that some location-aware resources, such as facilities, groups, and users, can be assigned to one or more *locations* and/or *positions*, so that the user can access only those resources that have the same locations.

For example, there are two locations: **Standort1** with positions **P1** and **P2** and **Standort2** with positions **P3** and **P4**:

Locations & Positions

Location	Position
Standort 1	All positions
Standort 1	P1
Standort 1	P2
Standort 2	All positions
Standort 2	P3
Standort 2	P4

In the above picture, **All positions** means **P1** and **P2** for **Standort1** and **P3** and **P4** for **Standort2**.

If we take the user **manager** and select locations and positions like in the picture below

Users > User

Id: 3

Username: manager

Email:

Info:

Superuser: ☐

Language: German

Failed login count: 0

Locked: ☐

User must change password at next login: ☐

Disable notifications: ☐

Save Cancel New Delete Reset Password < >

Event Notifications Locations & Positions Groups Permissions

Location	Position	Selected
Standort 1	All positions	☒
Standort 1	P1	☐
Standort 1	P2	☐
Standort 2	All positions	☐
Standort 2	P3	☒
Standort 2	P4	☐

then the user **manager** will have access to other location-aware resources (users, groups and facilities) as follows:

Position	Access allowed
P1	Yes
P2	Yes
P3	Yes
P4	No