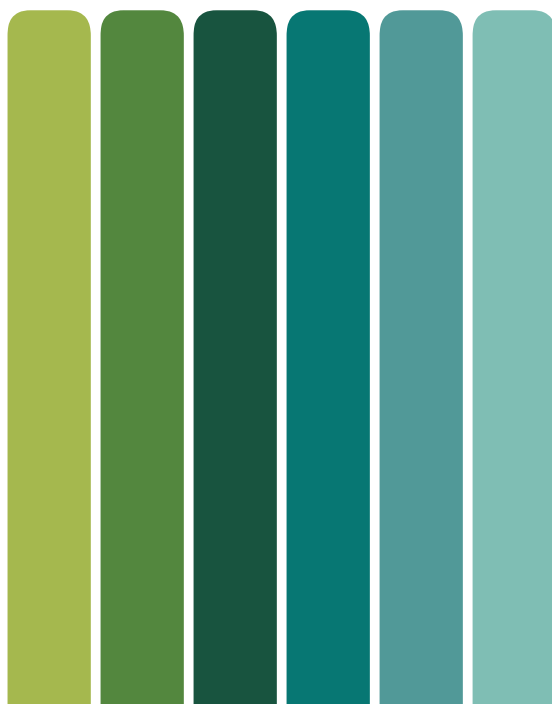




**HANDLEIDING INSTALLATEUR
FLEXESS DUO SOFTWARE**



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2. CONNECTING TO THE MASTER CONTROLLER

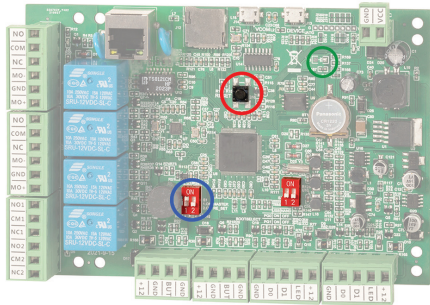
Before programming is started, the Flexess Duo controller (hereinafter Controller) should first be connected in a DHCP network environment. An IP address is obtained automatically in this process.

If it concerns a company network, always consult the system administrator/ICT manager on which switch ports can be used (at least two are needed; one for the PC, one for the master controller and one per slave controller).

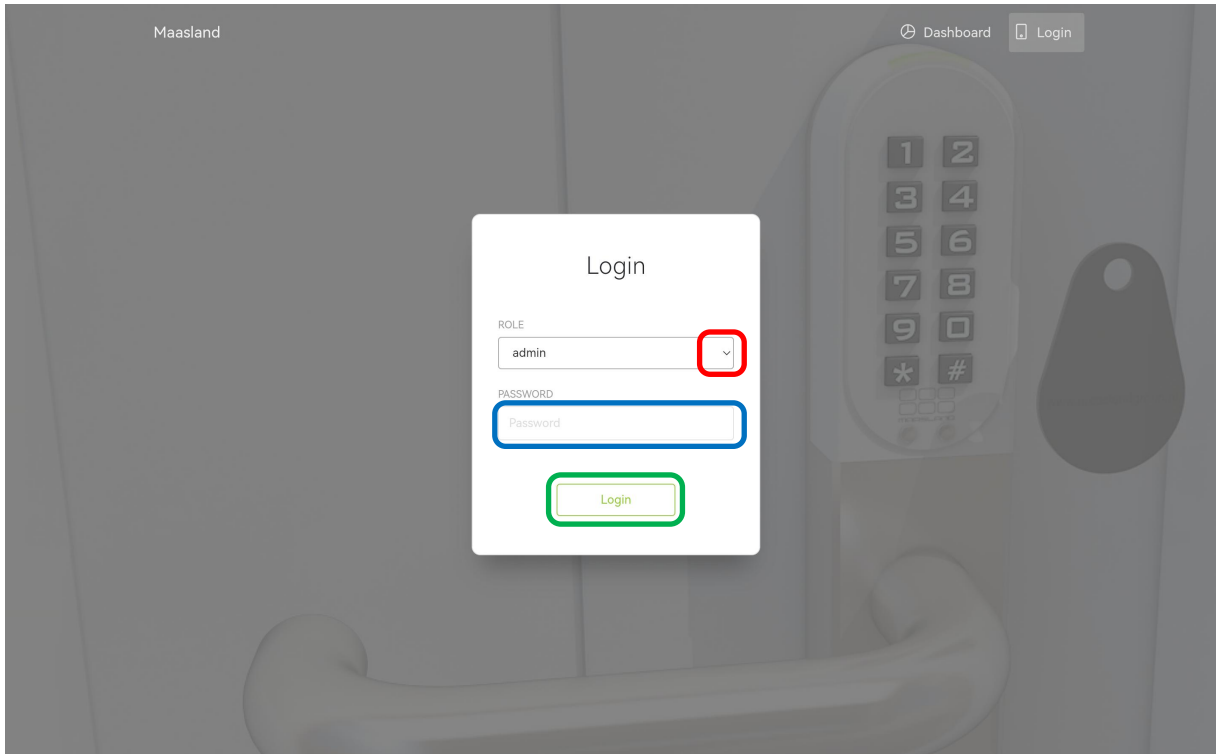
First set a Controller as Master by setting dipswitch 1 to ON (circled **BLUE** in the figure below image). All other dipswitches are set to OFF. Connect power to the Controller's power input and then press the reset button (circled **RED** in the figure below). If the **STATUS LED** lights up continuously then the Controller has been powered up.

If there are several Controllers in the network then they can be set up as Slaves. For the Slave Controllers, all dipswitches are set to OFF. Start up the Slaves one by one by connecting power to the Controller and then pressing the reset button (circled **RED** in the figure below). If the status LED lights up continuously then the Controller is powered up.

Then connect a laptop or PC in the same network environment and open the web browser.



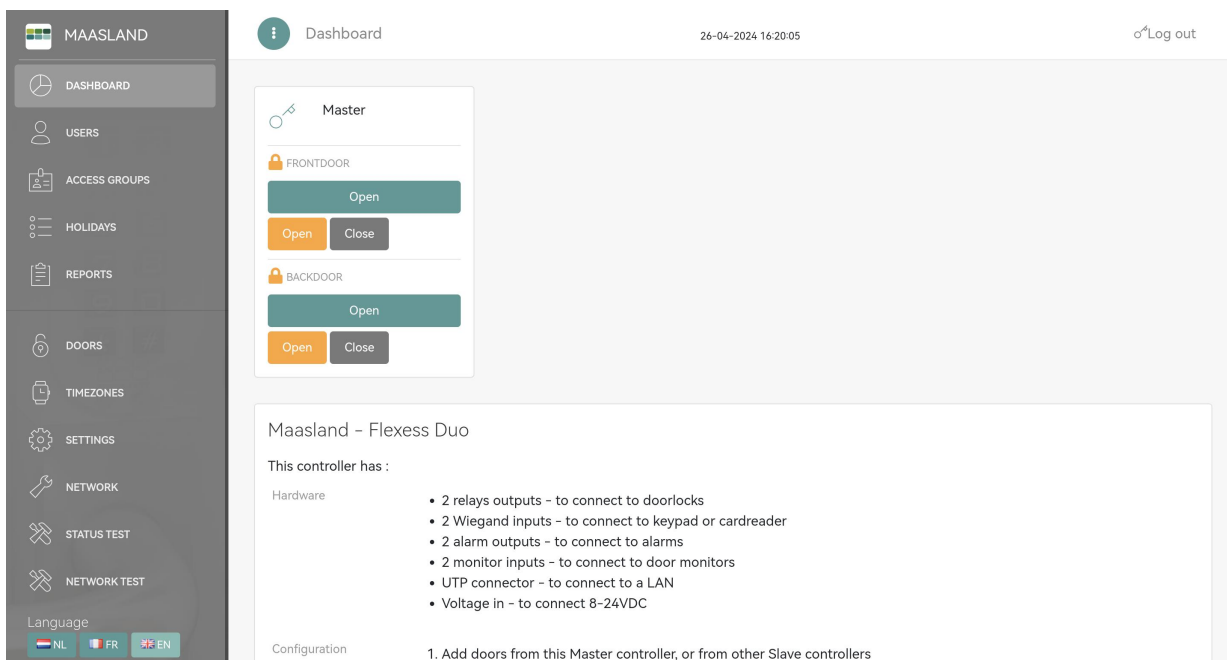
After about 60 seconds, the start-up procedure is complete and the Master Controller can be accessed by entering the following address in the web browser: flexessduo.local. On the screen, the login screen appears (see image below). Under ROLE, click on the **ARROW BEFORE THE PULLDOWN MENU** and choose ADMIN and enter then enter ' **installer** ' under PASSWORD and click **LOGIN**. After logging in, the Dashboard will appear.



Now the Dashboard below will appear. Through this dashboard, everything can be configured and programmed.

By default, the software is set to English. This can be changed to Dutch or French. If the programme is is closed via the Log out, the last language set remains active.

If the programme is closed by clicking the cross in the top right-hand corner, the software will be set to English again the next time you log in.



5. TIME ZONES

1. Click on **TIME ZONES** in the menu on the left.
2. By default, one time zone is already active, this is the **TIME ZONE 24-7**. This time zone applies to all days of the week 24 hours per day.
3. Click **NEW TIME ZONE** to create a new time zone.

The screenshot shows the MAASLAND application interface. On the left is a sidebar menu with options: DASHBOARD, USERS, ACCESS GROUPS, HOLIDAYS, REPORTS, DOORS, TIMEZONES (highlighted with a red box), SETTINGS, NETWORK, STATUS TEST, and NETWORK TEST. At the bottom of the sidebar are language selection buttons for NL, FR, and EN. The main content area is titled 'Timezones' and shows a table with one entry: ID 1, NAME 24-7, START 00:00, END 23:59, WEEKDAYS 1,2,3,4,5,6,7. A 'New timezone' button is highlighted with a green box. The top right of the interface shows the date '26-04-2024 16:21:00' and a 'Log out' link.

4. The screen below now appears.

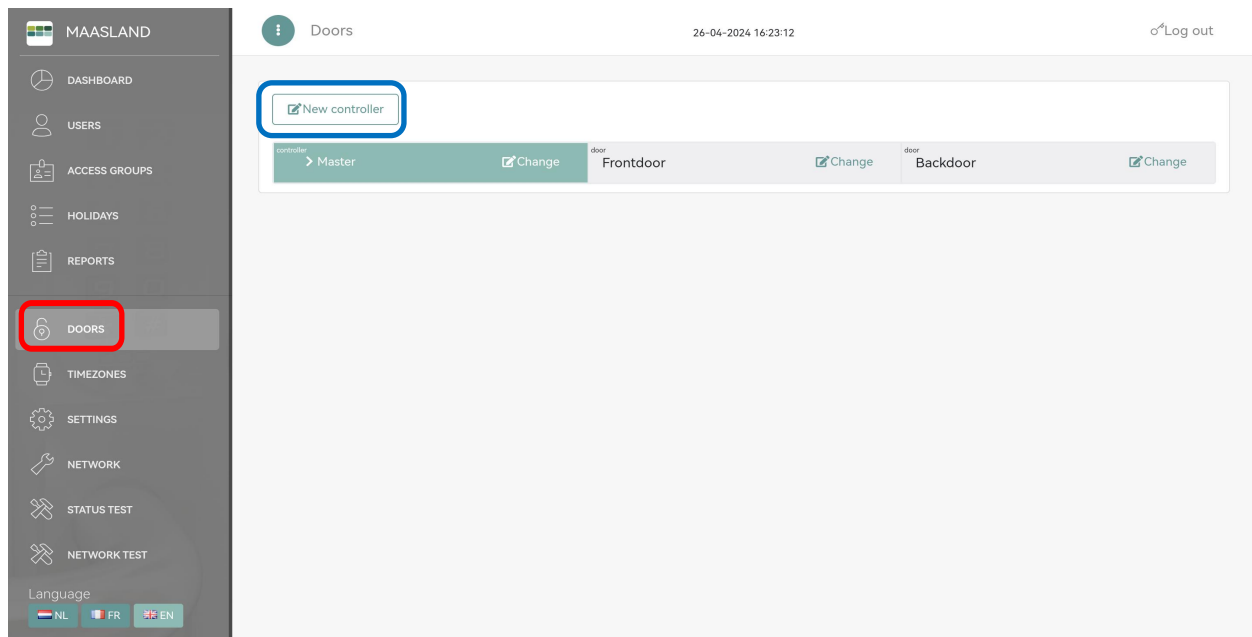
The screenshot shows the 'New timezone' form in the MAASLAND application. The sidebar menu is the same as in the previous screenshot, with 'TIMEZONES' highlighted. The main content area is titled 'New timezone' and contains several input fields: 'NAME' (highlighted with a red box), 'START' (highlighted with a blue box), 'END' (highlighted with a blue box), and 'DAYS OF THE WEEK' (highlighted with a green box). The 'DAYS OF THE WEEK' section shows a row of buttons for Sun, Mon, Tue, Wed, Thu, Fri, and Sat. Below these fields are 'Cancel' and 'Save' buttons, with the 'Save' button highlighted with a purple box. The top right of the interface shows the date '26-04-2024 16:21:38' and a 'Log out' link.

1. Enter the **NAME** of the time zone.
2. At **START** and **END**, enter the time zone duration.
3. Under **DAYS OF THE WEEK**, click the days on which the time zone should be active. If the day is white, the time zone inactive, the day is green the time zone is active.
4. Click on **SAVE**.

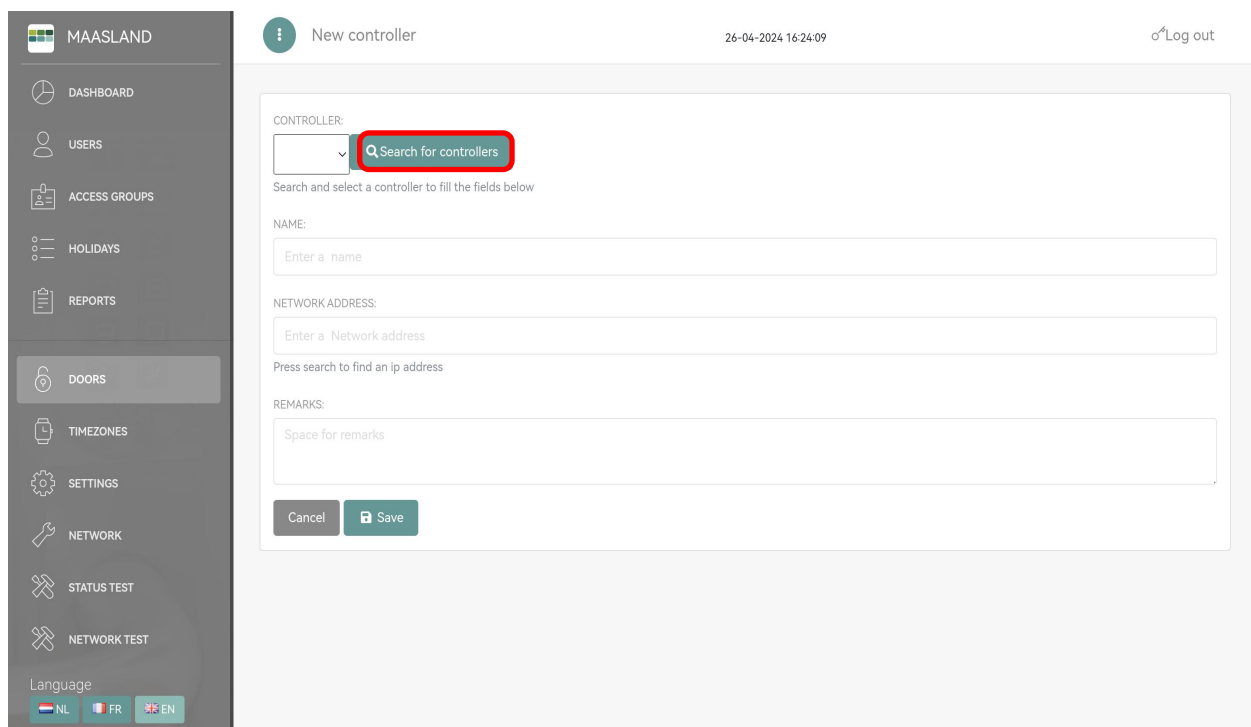


4. CONTROLLERS

1. To add a new controller, click on **DOORS** in the menu on the left.
2. Click on **NEW CONTROLLER**.



3. The screen below will appear to find the new controller (slave).
4. Click on **SEARCH FOR CONTROLLERS**.



5. When the new Slave controller(s) are found, they become visible **IN THE BOX** under Controller.
6. If selected then the **NAME** and any **NOTES** can be entered.
7. After everything is filled in, click **SAVE**. Repeat this procedure until all Slaves controllers have been added.

MAASLAND

26-04-2024 16:25:50

Log out

CONTROLLER:

Choose... Search for controllers

Choose... Select a controller to fill the fields below

NAME:

Enter a name

NETWORK ADDRESS:

Enter a Network address

Press search to find an ip address

REMARKS:

Space for remarks

Cancel Save

8. By clicking **CHANGE**, the names of the doors can be changed and Time zones can be attached to the doors assigned.

MAASLAND

26-04-2024 16:26:43

Log out

New controller

controller	door
Master	Frontdoor
	Backdoor

5. DOORS

1. Click on **DOORS** in the menu on the left. The screen below will then appear.
2. Click **>** and the menu unfolds.
3. One **READER**, one **PRESS** button and one **ALARM** can be selected per door.
4. Click **SAVE** to save the changes.
5. Clicking **CHANGE** in the door field (Frontdoor or Backdoor) displays the screen below.

MAASLAND

26-04-2024 16:27:17

Log out

New controller

Master Change Frontdoor Change Backdoor Change

Reader 1

Reader 2

Button 1

Button 2

Alarm 1

Alarm 2

Sensor 1

Sensor 2

Save

6. Here the **NAME** of the door can be entered or changed.
7. A **TIME ZONE** can be selected here. During this period, the door is controlled open.
8. After changing, click **SAVE**.

MAASLAND

26-04-2024 16:28:24

Log out

Edit door

NAME:

Frontdoor

TIMEZONE:

The door will automatically open at chosen timezone (Changes can take a minute to propagate)

Cancel Save

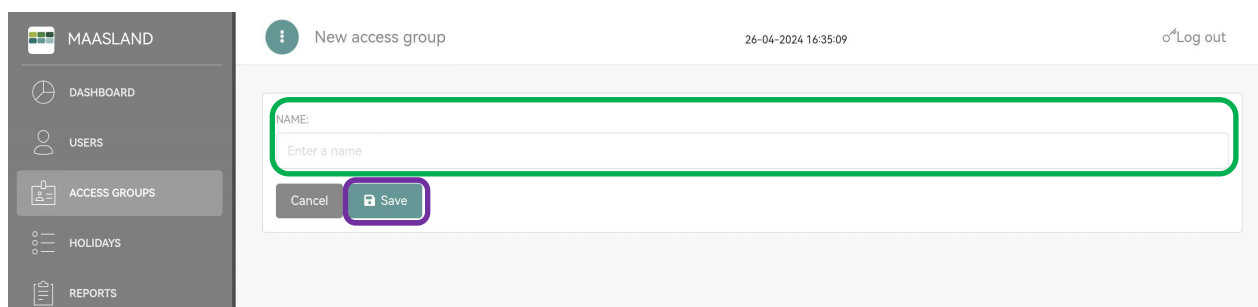
9. A time zone can always be deleted after saving by pressing **Remove time zone** by clicking.

6. ACCESS GROUPS

1. Click on **ACCESS GROUPS** in the menu on the



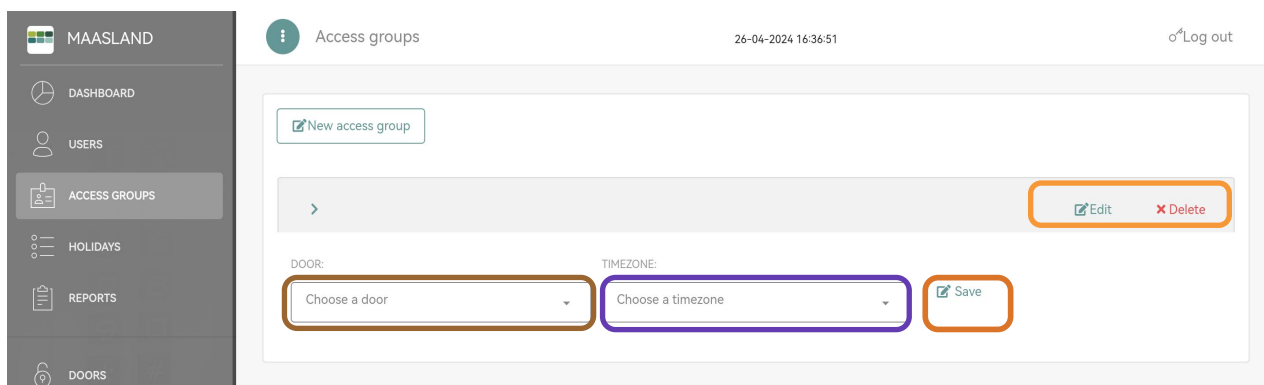
2. Click **NEW ACCESS GROUP** and the screen below will appear.
3. Under **NAME**, enter the group name.



4. Click **SAVE** and the screen below will appear.



5. Click **>** and the menu unfolds and the screen below appears.



6. **DOORS** and **TIME ZONES** can now be assigned by clicking on the down arrow.
7. Click on **SAVE**.
8. An Access Group can be **Edit** or **DELETED** at any time.

7. USERS

1. Click on **USERS** in the menu on the left.
2. Click **NEW USER**.

MAASLAND

DASHBOARD

USERS

ACCESS GROUPS

HOLIDAYS

REPORTS

DOORS

Users

26-04-2024 16:37:41

Log out

New user

SHOW 25 ENTRIES

Search records

ID	NAME	KEYCODE	ACCESS GROUP	VISITS	LAST SEEN	ACTION
No data available in table						

Showing 0 to 0 of 0 entries

First Previous Next Last

The screen below appears.

MAASLAND

DASHBOARD

USERS

ACCESS GROUPS

HOLIDAYS

REPORTS

DOORS

TIMEZONES

SETTINGS

NETWORK

STATUS TEST

NETWORK TEST

Language

NL FR EN

Flexess Duo v1.8.8

New user

26-04-2024 16:38:30

Log out

NAME:

Enter a name

KEYCODE:

Enter a code

Use scanned key

Type the pincode or the W26 code from tag

ACCESS GROUP:

START DATE:

Enter a start date

Before this date the code/tag is invalid (empty is for ever)

END DATE:

Enter a end date

After this date the code/tag is invalid (empty is for ever)

MAXIMUM VISITS:

Enter a maximum visits

Reset visits ()

After the maximum number of visits the key/code is invalid (empty is unlimited)

REMARKS:

Space for remarks

Temporarily Disable Access

Cancel Save

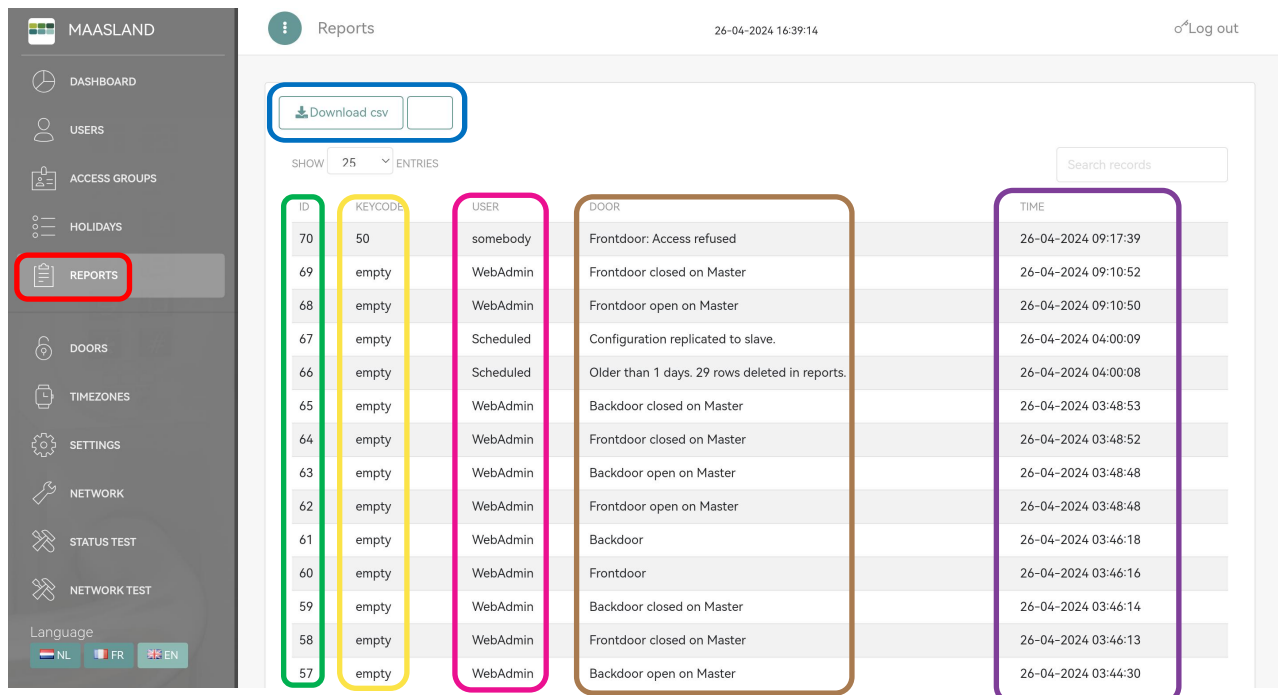
1. Enter the **NAME** of the user.
2. A Maasland tag carries a 5-digit W26 number. Enter this under **KEYCODE**. Do you have a Mifare pass without this number? Then you can present the tag/card to the nearest card reader and then click on ' **USE LAST SCANNED PASS** '. The number will now be visible in the **KEYCODE** field. When a user is given an access code instead of a card (when using a SMA-D001), a 4-count can be entered at **KEYCODE** a 4-digit code can be entered. CAUTION: this code is always 4-digit and may never start with a 0.
3. At **ACCESS GROUP**, you can determine which group the user should be assigned to. Use the arrow to the right of the fill-in box.
4. Optionally, a **START** date and **END** date can be set when a user for a particular period has access rights. Filling in nothing is forever.
5. At **MAXIMUM VISITS**, the number of times the pass or code is used for a user can be filled in. So after x number of times the pass or code is used, it is automatically blocked. With **RESET VISITS**, this can be reset again. Filling in nothing is unrestricted access.
6. Additional user data can be entered in **REMARKS** (optional).
7. By **Temporarily Disable Access** the access rights of the corresponding user are blocked.
8. Click **SAVE**.

8. REPORTS

The reports show the actions of all users.

Here you can see which tag/pass, where and when was used.

1. Click on **REPORTS** in the menu on the left.
2. Click the **DOWNLOAD CSV** button to download the report as a csv file.
Clicking on  will refresh the report.
3. The **ID** is the tracking number
4. **KEYCODE**: User's unique code. This is, either the code for the code pad, or the number of the user tag.
5. **USER**: The user of the access control system.
6. **DOOR**: The name of the object to be operated.
7. **TIME**: The date and time when a user action occurred.



MAASLAND

Reports 26-04-2024 16:39:14 Log out

Download csv

SHOW 25 ENTRIES

Search records

ID	KEYCODE	USER	DOOR	TIME
70	50	somebody	Frontdoor: Access refused	26-04-2024 09:17:39
69	empty	WebAdmin	Frontdoor closed on Master	26-04-2024 09:10:52
68	empty	WebAdmin	Frontdoor open on Master	26-04-2024 09:10:50
67	empty	Scheduled	Configuration replicated to slave.	26-04-2024 04:00:09
66	empty	Scheduled	Older than 1 days. 29 rows deleted in reports.	26-04-2024 04:00:08
65	empty	WebAdmin	Backdoor closed on Master	26-04-2024 03:48:53
64	empty	WebAdmin	Frontdoor closed on Master	26-04-2024 03:48:52
63	empty	WebAdmin	Backdoor open on Master	26-04-2024 03:48:48
62	empty	WebAdmin	Frontdoor open on Master	26-04-2024 03:48:48
61	empty	WebAdmin	Backdoor	26-04-2024 03:46:18
60	empty	WebAdmin	Frontdoor	26-04-2024 03:46:16
59	empty	WebAdmin	Backdoor closed on Master	26-04-2024 03:46:14
58	empty	WebAdmin	Frontdoor closed on Master	26-04-2024 03:46:13
57	empty	WebAdmin	Backdoor open on Master	26-04-2024 03:44:30

Language: NL FR EN



9. SETTINGS

1. Click on **SETTINGS** in the menu on the left.
2. At **DOOR OPEN TIME**, the unlocking time of the door(s) can be set. By default it is set to 6 seconds. The number entered is the time in seconds. This time applies to all doors in the system.
3. Here you can specify how long the data should be kept in the **REPORTS**.
4. Enter the **HOST NAME** here. This is the name of the master controller.
5. Set the **PASSWORD** for the end user to access the software here. The default password is "maasland."
6. Set the **PASSWORD** for the installer to access the software here. The default password is "installer."
7. Set the number of seconds of the **ALARM** here.
8. At **DATE AND TIME**, the date and time can be changed.
9. If changes are made to the above options, they will not be activated until after pressing **SAVE** is clicked.
10. Clicking **CONFIGURATION DOWNLOAD** will back up all data.
11. Clicking on **CONFIGURATION UPLOADED** will load a backup file of the data.
12. Clicking **REPLICATION** will send a copy of the master database to the slave controllers (this happens automatically once every 24 hours).

MAASLAND

Settings 26-04-2024 10:39:49 Log out

CHOOSE FILE Upload configuration Download configuration Replicate

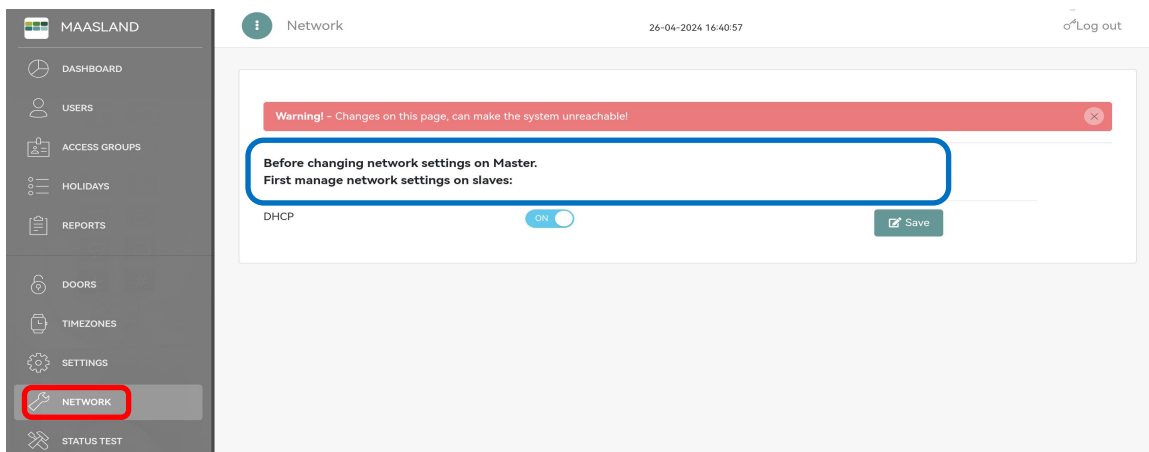
ID	NAME	VALUE	ACTION
1	Door open duration (in seconds)	6	Save
2	Reports entries removed after (in days)	1 day	Save
3	Hostname	FlexessDuo	Save
4	Password		Save
5	Admin Password		Save
7	Alarm (in seconds)	5	Save
8	Custom mode		Save
9	Date Time		Save

Language NL FR EN

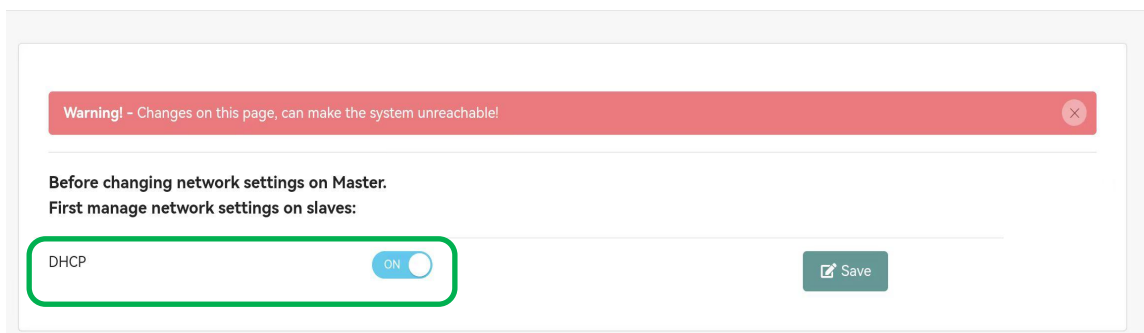


10. NETWORK

1. Click on **NETWORK** in the menu on the left.



2. First, change the IP addresses of the Slave controllers by clicking on the appropriate **SLAVE**. After this screen below.



3. Switch the slider at **DHCP** from **ON** to **OFF**. Continued on the next page.

10. NETWORK

3. After performing point 3, the following screen appears.

The screenshot shows a web interface for configuring network settings. At the top, a red warning bar states: "Warning! - Changes on this page, can make the system unreachable!". Below this, a message reads: "Before changing network settings on Master. First manage network settings on slaves:". The main configuration area has a header "DHCP" with a toggle switch set to "OFF". To the right of the toggle is a green "Save" button with a checkmark icon. Below the header are three input fields: "IPv4 Address", "Subnet Mask", and "Gateway". Each field contains a blue placeholder text. The "IPv4 Address" field is highlighted with an orange border, the "Subnet Mask" field with a pink border, and the "Gateway" field with a brown border.

4. Adjust the **IPv4 ADDRESS**.

5. The **SUBNET MASK** is set correctly in 95% of cases.

6. Adjust the **GATEWAY**.

7. Click **SAVE**. To make the changes, the Controller will need to be rebooted. After restarting, wait 10 seconds before starting the next step.

Repeat 1 through 7 for the remaining Slave controllers.

After this, close the additional Tabs.

Now also change the Master controller IP Address

After rebooting the system, the Master can be accessed by entering the new IP address.

The Function "Automatic Master IP Discovery" should only be adapted on special corporate networks where a transparent VPN network is not used.

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