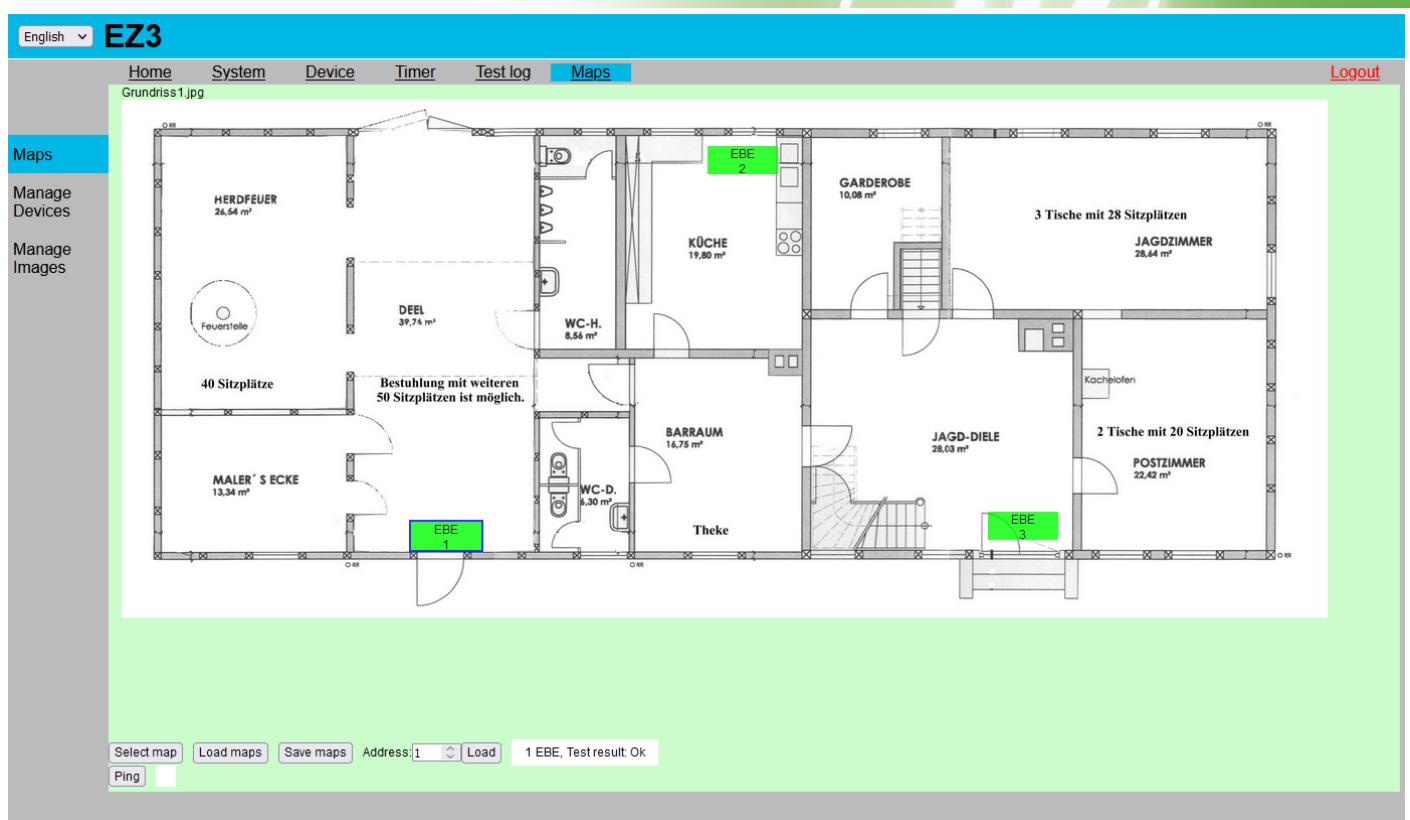


Instruction manual EZ3

Option

Web server



August 2019

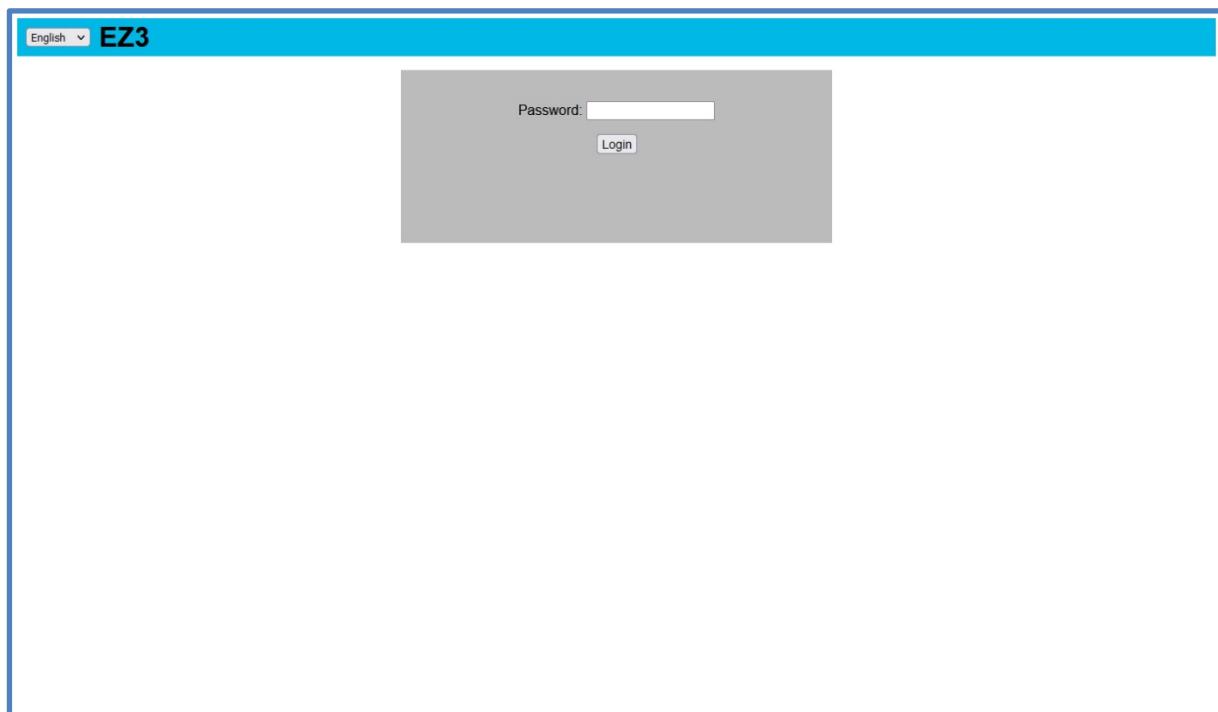
The network settings for the web server are made in the System menu (Network settings) of the EZ3. Here there is the option of automatic setting (DHCP) or manual setting of the network addresses. In case of manual setting, the device IP and the netmask must be entered. Gateway and DNS IP are optional. All settings must be confirmed individually.

The standard port 8080 is used, so it is sufficient to enter the IP address. An existing name server assigns the device name EZ3 with a pictogram logo.

The web server needs about two minutes after power-on until it is ready. The display in the EZ3 then changes from "Web server not ready" to "Waiting, Ready".

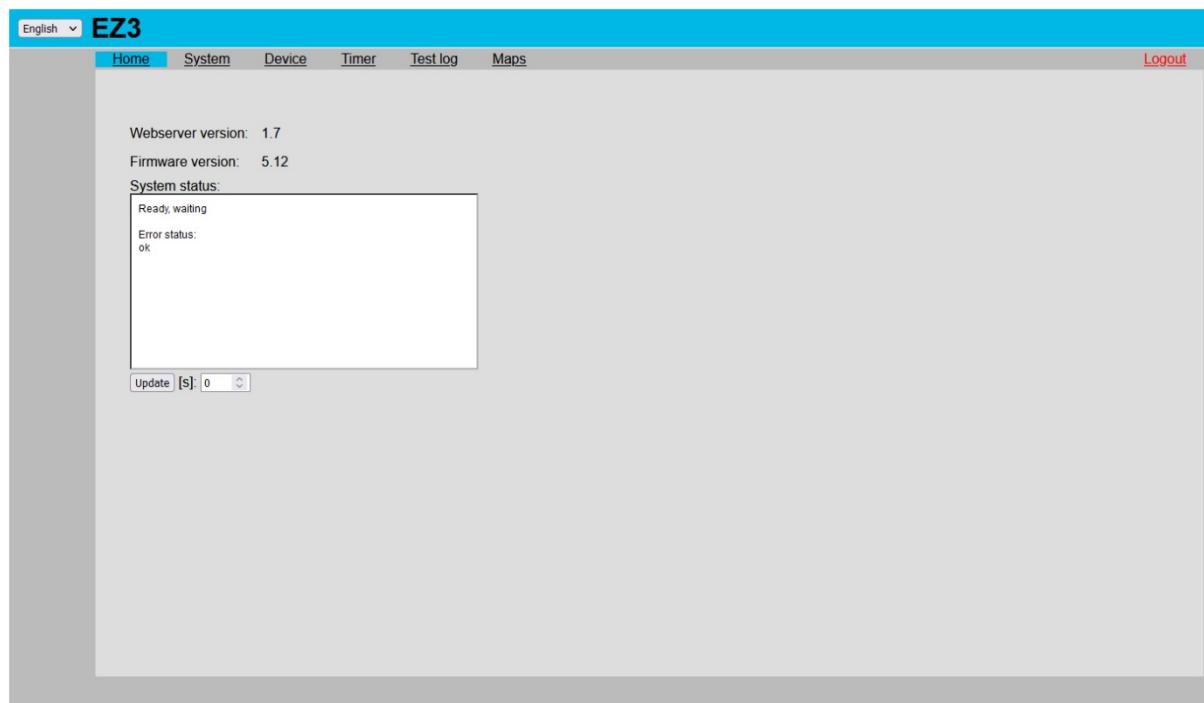
In the login screen, the login via password is required. The factory setting is "12345". After logging in, the password can be changed in the system menu of the web server. The language setting is made in the upper left corner. At the moment only German and English are supported.

All common browsers like Firefox, Microsoft Edge, Google Chrome and Opera are supported. The outdated Internet Explorer from Microsoft takes a different formatting and should not be used anymore.



After "logging in", there is an automatic "logging out" if there is no operation within 15 minutes.

After logging in, the overview menu is displayed. In the status window you can monitor the system status and any running processes. Below the status window you can set a value for an automatic update of the web server to the second. Without this update (value 0) the web server represents only a static information and must be updated manually (change of the web server area or "Refresh").



In addition to the overview page, further web server areas can be selected via the map tabs:

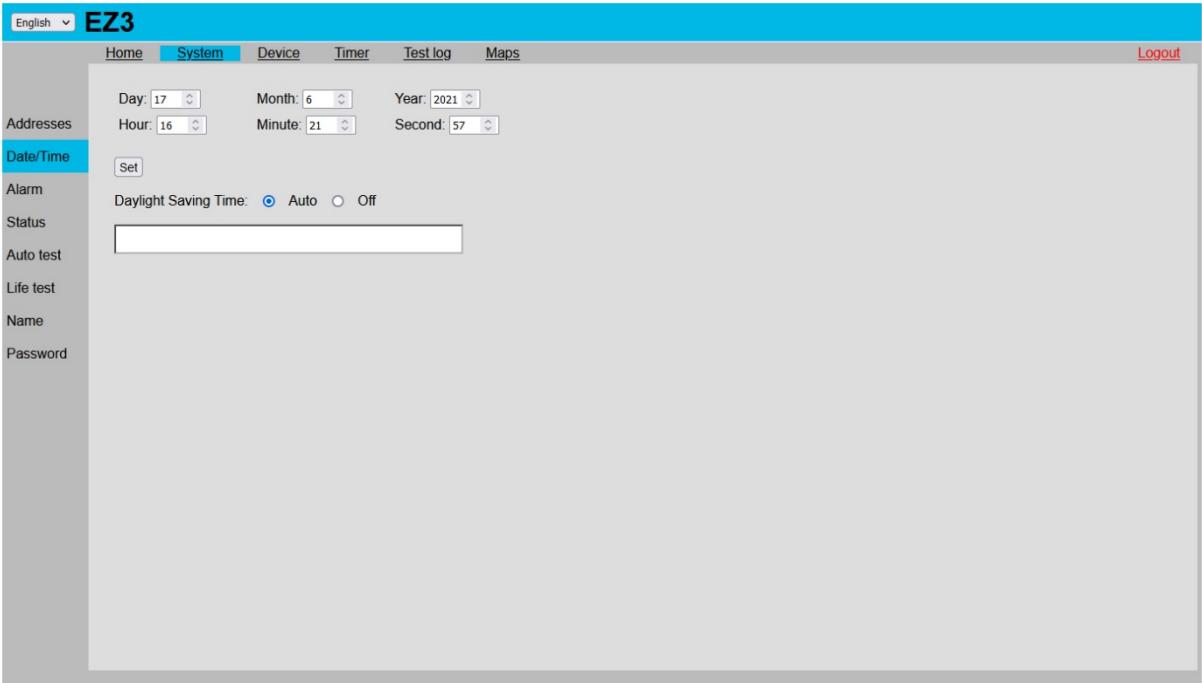
- **System** with all system-specific settings
- **Device** with all settings and operations of the connected EmLOC devices.
- **Timer** for the automatic controls of the EmLOC devices
- **Test book** with all test results and the possibility of printout
- **Plans** for visualization of device positions

Within the system settings there are several submenus (left). In the "Addresses" area, the address range in the system is set (first and last address).



The screenshot shows the EZ3 web interface with the 'System' tab selected. On the left, a sidebar lists various settings: Addresses (selected), Date/Time, Alarm, Status, Auto test, Life test, Name, and Password. The 'Addresses' section contains fields for 'First' (set to 1) and 'Last' (set to 20), with a 'Set' button below them. A large empty text input field is also present.

At "Date/Time" the current settings and the activation of the daylight saving time changeover take place.



The screenshot shows the EZ3 web interface with the 'System' tab selected. On the left, a sidebar lists various settings: Addresses (selected), Date/Time, Alarm, Status, Auto test, Life test, Name, and Password. The 'Date/Time' section contains fields for Day (17), Month (6), Year (2021), Hour (16), Minute (21), and Second (57), with a 'Set' button below them. A radio button group for 'Daylight Saving Time' is shown, with the 'Auto' option selected. A large empty text input field is also present.

At "Alarm" the function of the alarm contact can be selected and the address of an optional alarm switching module can be chosen.

English EZ3

Home System Device Timer Test log Maps Logout

Addresses Date/Time Alarm Status Auto test Life test Name Password

Alarm relay:
 Always off
 Off on alarm
 On on alarm
 Always on

Alarmmoduleaddress: Set

In the status area the setting of the address search variant and the times for ring status (permanent status) and bus watchdog is done.

English EZ3

Home System Device Timer Test log Maps Logout

Addresses Date/Time Alarm Status Auto test Life test Name Password

Address search mode:
 Fast
 Standard

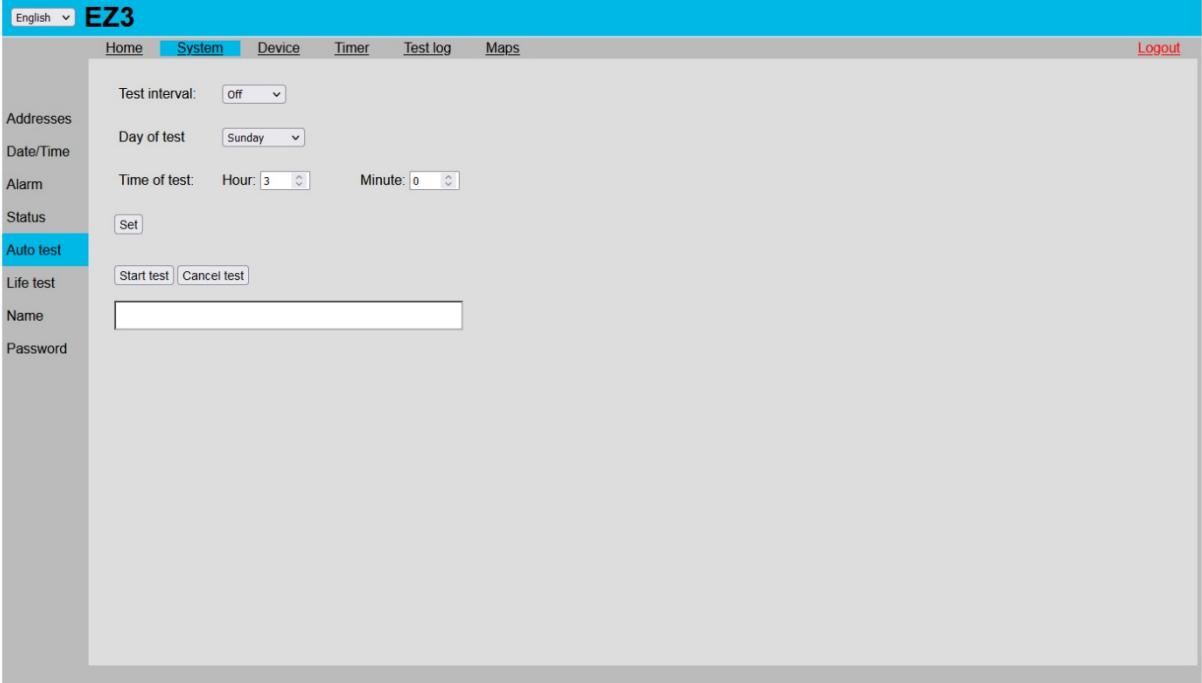
Searching f. new Adr.:
 Fast
 Standard

Permanent status check:
 Off
 On

Ringstatus pause [s]: Set

Bus watchdog [s]: Set

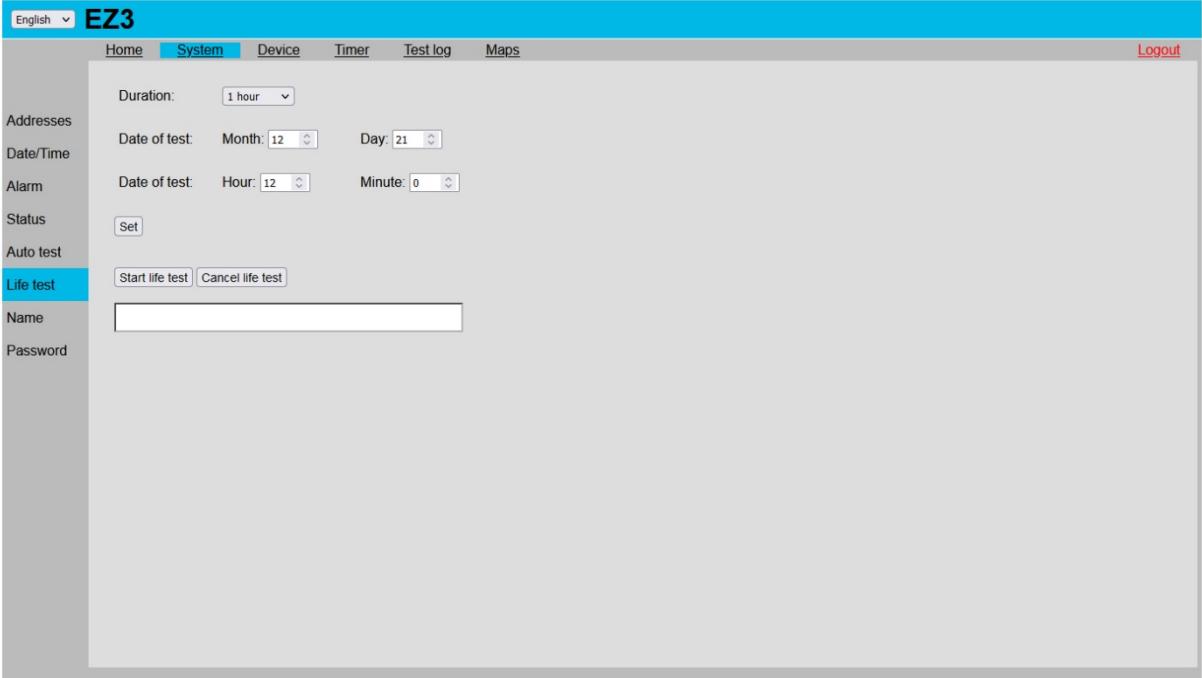
In the "Auto test" menu, the test time can be configured and the test can also be triggered directly.



The screenshot shows the EZ3 web interface with the following details:

- Header:** English, EZ3, Home, System (highlighted in blue), Device, Timer, Test log, Maps, Logout.
- Left Sidebar:** Addresses, Date/Time, Alarm, Status, Auto test (highlighted in blue), Life test, Name, Password.
- Form Fields:**
 - Test interval: off
 - Day of test: Sunday
 - Time of test: Hour: 3, Minute: 0
 - Set button
 - Start test, Cancel test buttons
 - Empty text input field

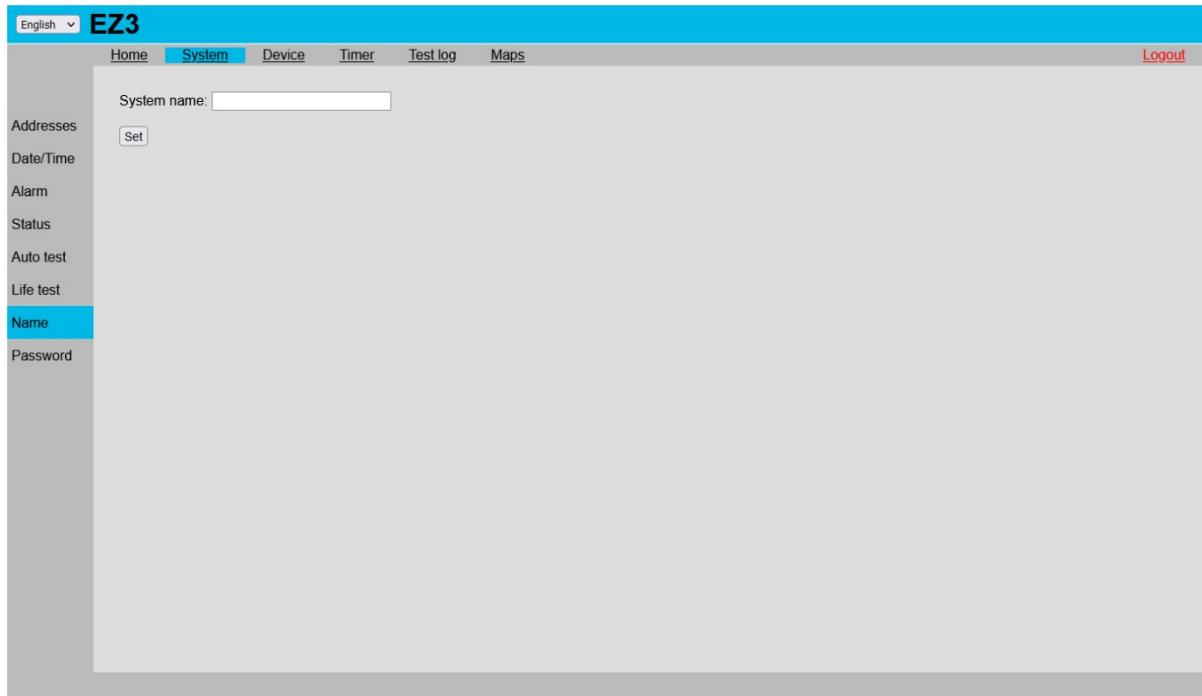
Analogous to the auto test, the time for the capacity test is set in the Operating duration test menu. Here, too, the test can be triggered directly.



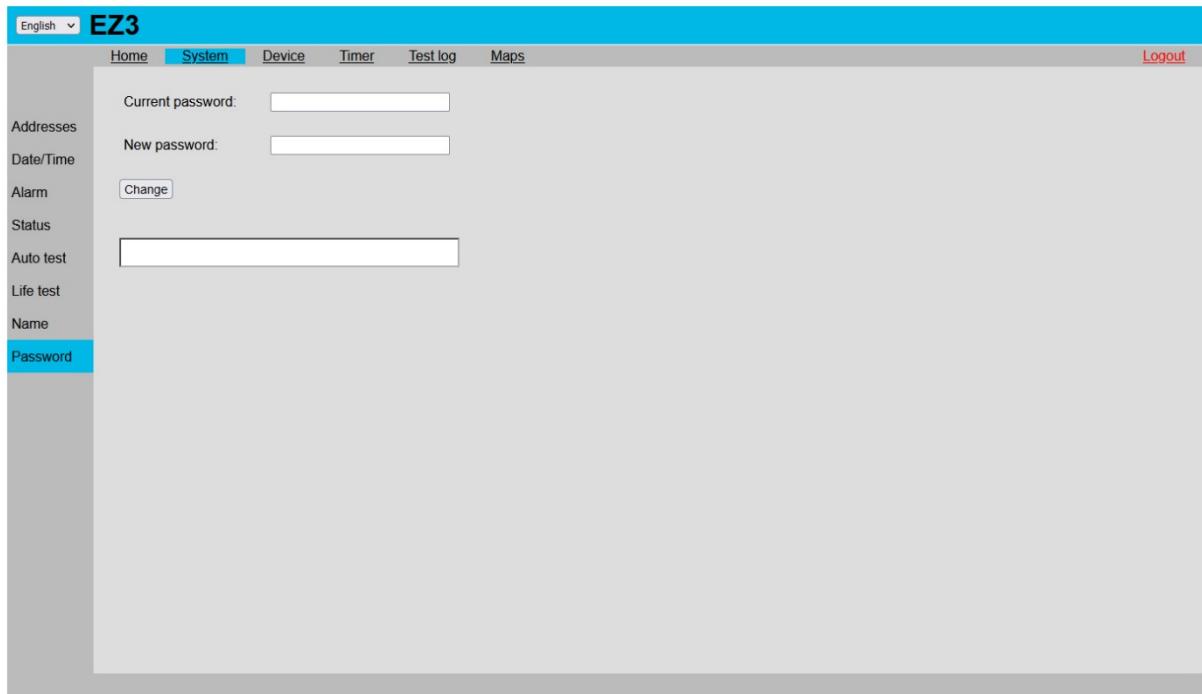
The screenshot shows the EZ3 web interface with the following details:

- Header:** English, EZ3, Home, System, Device, Timer, Test log, Maps, Logout.
- Left Sidebar:** Addresses, Date/Time, Alarm, Status, Auto test, Life test (highlighted in blue), Name, Password.
- Form Fields:**
 - Duration: 1 hour
 - Date of test: Month: 12, Day: 21
 - Date of test: Hour: 12, Minute: 0
 - Set button
 - Start life test, Cancel life test buttons
 - Empty text input field

An instance name can be entered in the "Name" menu, which is then displayed in the center of the blue bar.



The password menu allows you to enter a new password.



The "Device" tab opens the device list and the corresponding submenus for device management. The interface is self-explanatory. With "update" the list is read in from the EZ and shows the current configuration of the devices. The location text can be changed here and saved with "change". With "Status" you can query the current status of a device. All

parameters are displayed in the lower window. All devices, which are positioned on a plan, get the remark "Plan". With a click on the note, the address is displayed directly on the associated plan.

Addr.	Grp.	Device	SLC	Dur.	Test	Location	Change	Status	Map
1	0	EBE	CL	3h	ok	location text 1			
2	0	EBE	CL	3h	ok	location text 2			
3	0	EBE	CL	3h	ok	location text 3			
4	0	EBE	CL	3h	ok	location text 4			
5	0	EBE	CL	3h	ok	location text 5			
6	0	EBE	CL	3h	ok	location text 6			
7	0	EBE	CL	3h	ok	location text 7			
8	0	EBE	CL	3h	ok	location text 8			
9	0	EBE	CL	3h	ok	location text 9			
10	0	EBE	CL	3h	ok	location text 10			
11	0	EBE	CL	3h	ok	location text 11			
12	0	EBE	CL	3h	ok	location text 12			
13	0	EBE	CL	3h	ok	location text 13			
14	0	EBE	CL	3h	ok	location text 14			
15	0	EBE	CL	3h	ok	location text 15			
16	0	EBE	CL	3h	ok	location text 16			
17	0	EBE	CL	3h	ok	location text 17			
18	0	EBE	CL	3h	ok	location text 18			
19	0	EBE	CL	3h	ok	location text 19			
20	0	EBE	CL	3h	ok	location text 20			

From to

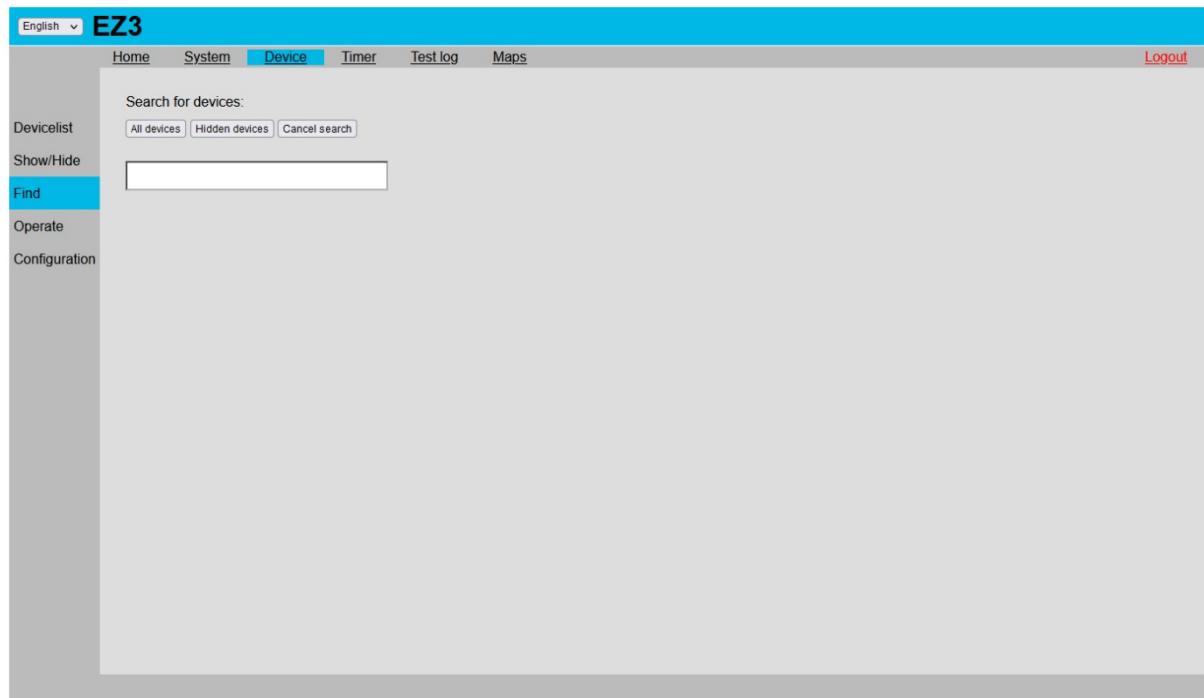
With "Show/Hide" device groups can be activated/deactivated directly.

First:

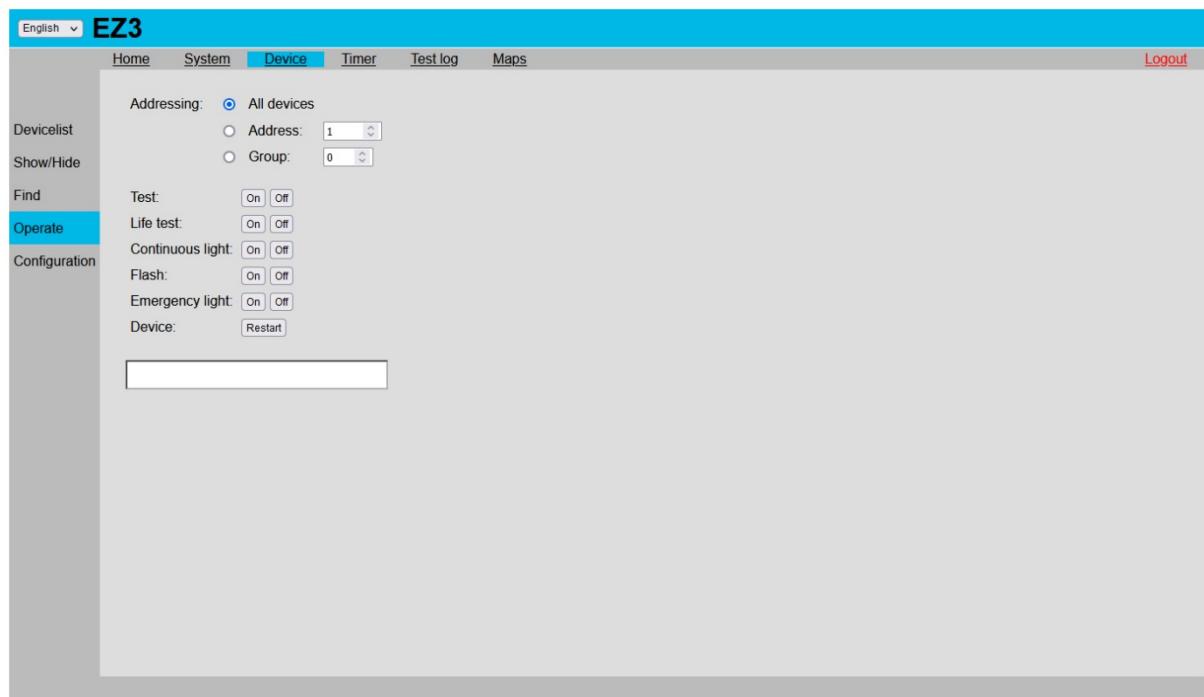
Last:

Show

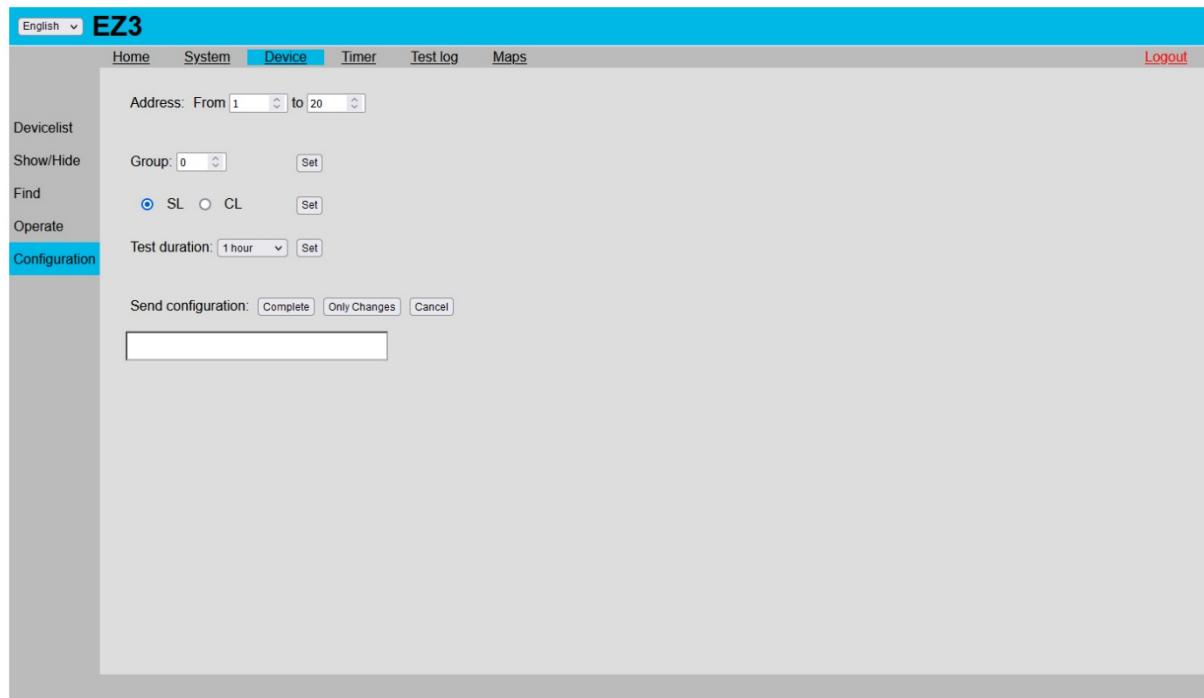
The search function is possible for all devices (new search) or only for unoccupied addresses. Cancellation of the search is also possible.



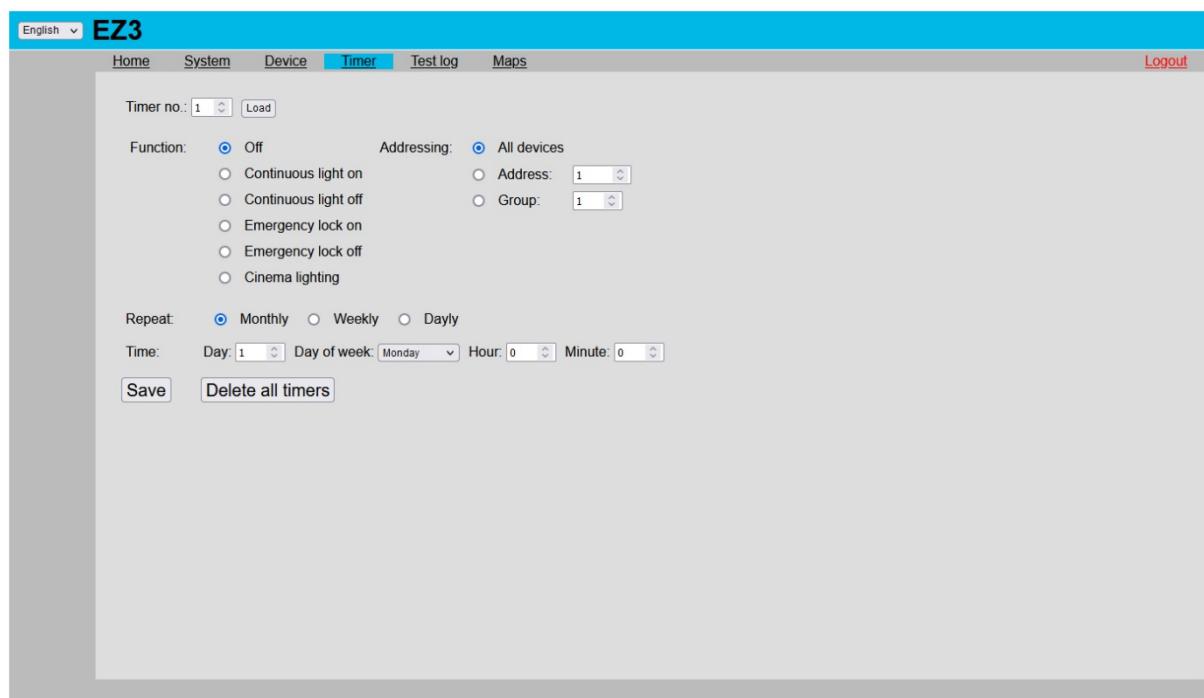
With the operating function, direct operation of the devices (individual address, group or all) is possible. These are standard functions for testing or troubleshooting.



The configuration area enables group assignment, BS/DS configuration and battery runtime assignment. With "Assign configuration" the parameters are sent to the address modules.



In the timer area the 20 timers can be configured.



The test book area contains all test results with date and time, the tested addresses and the individual result of all addresses. For loading time reasons, only one area (here 10 addresses) is displayed at a time. Below the table you can scroll back and forth or change the range.

Date	Time	Test	Result	Detail
6/17/2021	16:14:00	Check	Ok	Show
6/17/2021	14:34:00	Check	Ok	Show
6/17/2021	14:31:00	Check	Ok	Show
6/17/2021	14:25:00	Check	Ok	Show
6/17/2021	12:29:00	Check	Ok	Show
1/26/2021	08:50:00	Life test	Ok	Show
1/6/2021	11:32:00	Check	Ok	Show
1/6/2021	11:31:00	Check	Ok	Show
1/6/2021	11:26:00	Check	Ok	Show

Addr	Device	Duration	Result	Detail
1	EBE	00:00:30	Ok	Show
2	EBE	00:00:30	Ok	Show
3	EBE	00:00:30	Ok	Show
4	EBE	00:00:30	Ok	Show
5	EBE	00:00:30	Ok	Show
6	EBE	00:00:30	Ok	Show
7	EBE	00:00:30	Ok	Show
8	EBE	00:00:30	Ok	Show
9	EBE	00:00:30	Ok	Show
10	EBE	00:00:30	Ok	Show

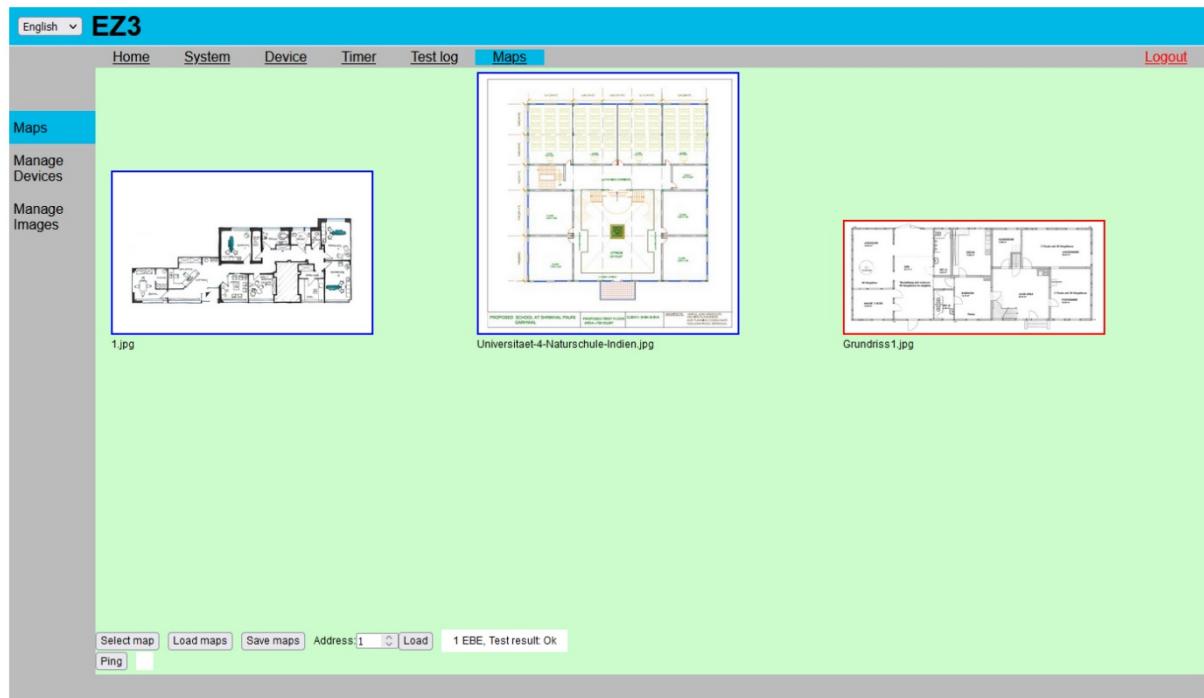
Address: 1
 Device type: EBE
 Test: Check
 Date of test: 6/17/2021 16:14:00
 Test duration: 00:00:30
 Test result: Ok

With the export function, the test results can be generated, saved or printed individually or as a whole as a PDF file.

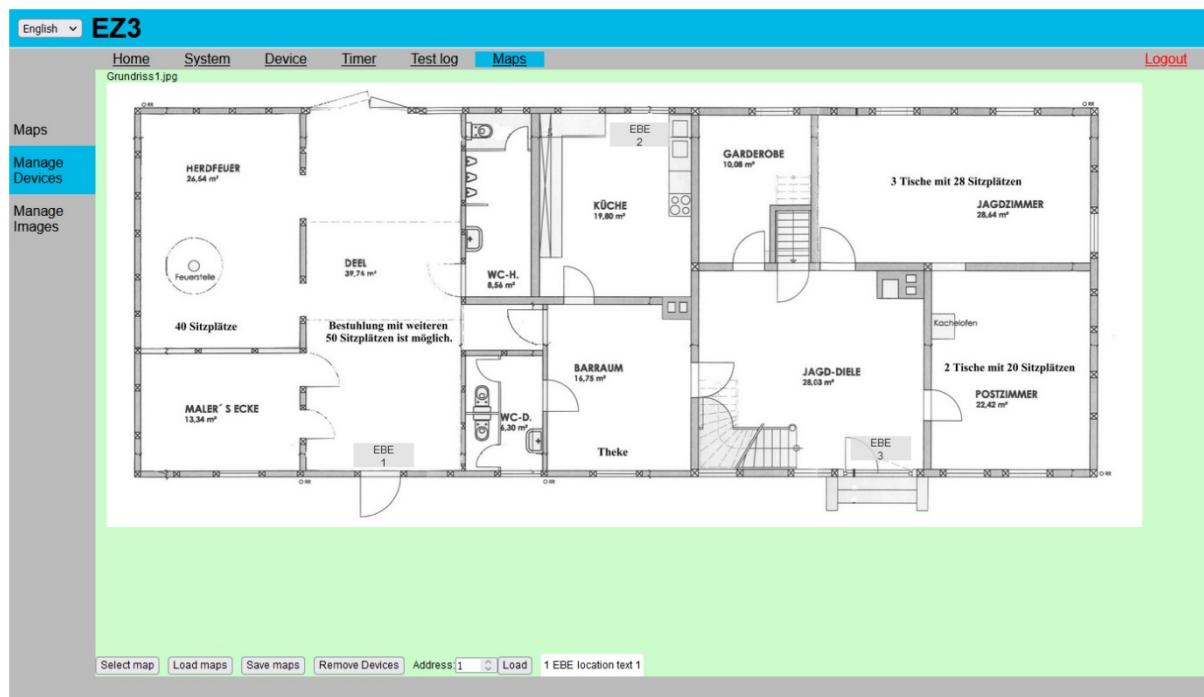
Date	Time	Test	Result	Export
6/17/2021	16:14:00	Check	Ok	PDF export
6/17/2021	14:34:00	Check	Ok	PDF export
6/17/2021	14:31:00	Check	Ok	PDF export
6/17/2021	14:25:00	Check	Ok	PDF export
6/17/2021	12:29:00	Check	Ok	PDF export

[Top](#) [Next](#) [Back](#) [Number: 5](#) [PDF export](#)

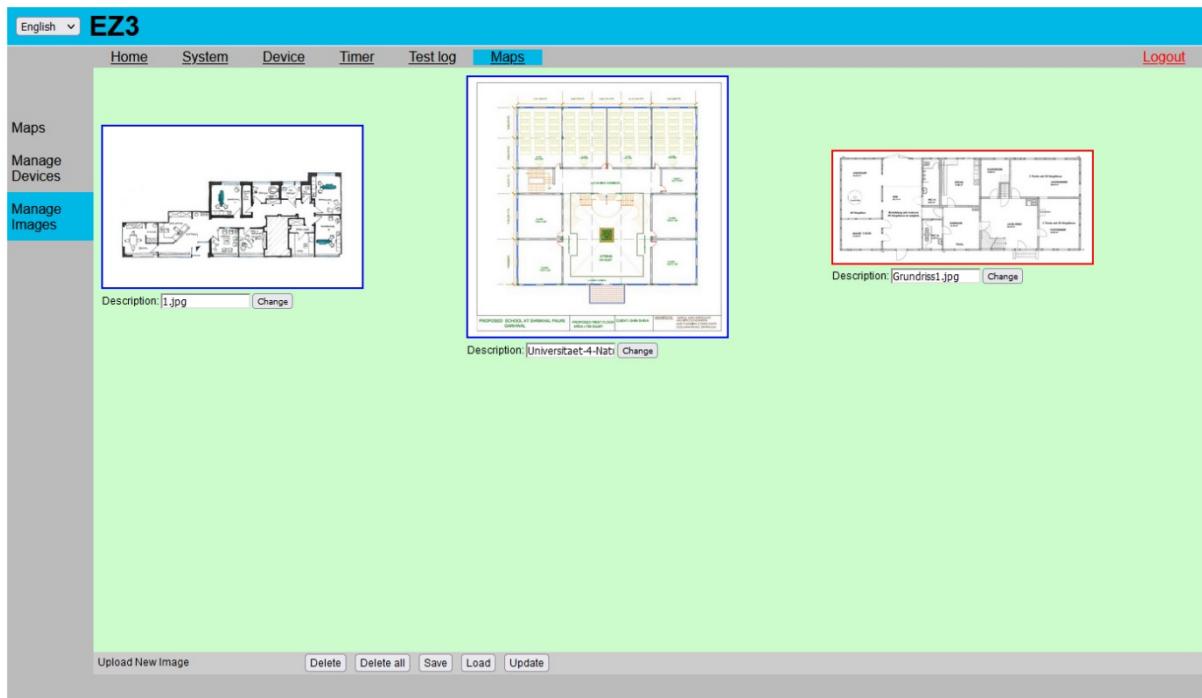
In the visualization area "Plans" the individual plans (image files . gif, . jpg, . png) can be selected and show the image file with the positioned addresses.



The address markers show the status of the address by means of the color (green = ok, red = faulty, yellow = unchecked).



In the "Manage images" menu, images required by the local computer can be uploaded to the web server. The size of the file determines the duration.



In the "Manage devices" menu, you can position and save the addresses on a selected image. The address markers are all gray in this mode.

