

EBLCloud

Fire alarm solutions
technical description

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1. INTRODUCTION

This document describes EBLCloud.

The document contains information about EBLCloud and instructions on how to start up EBLCloud. EBLCloud can be used with Gateway 5088 SW version 2.11.3 and 3.9.2 (or later released versions).

1.1. ORDER INFORMATION

To start using EBLCloud, you need an invitation letter (ordered via order.pfseu@eu.panasonic.com). Via the invitation letter you will be able to log in and start to use EBLCloud. You can then setup your company's structure and add users and installations. You will get a monthly invoice based on the number of articles ordered according to the table below

Article number	Description	Pricing
CL04	Data storage GB	Price / system
CL05	Users (operative)	Price / user
CL08	View only	Price / user
CL06	Installations G3	Price / system
CL07	Installations EBLOne	Price / control unit

1.2. PRE-CONDITIONS

- Gateway 5088 connected to Internet
- Outbound traffic to: cloud.ebl.eu.panasonic.com:443
- Gateway SW version 2.11.3 and 3.9.0 or later
- EBLWin version 2.11.3 and 3.9.4 or later
- A functioning EBL System version 2.11.X and 3.9.X
- Invitation from EBL Cloud service

1.3. GATEWAY 5088

The Gateway needs the following to support EBLCloud:

- New OS/BSP (Operating System) version. (BSP-UN74-pa18-1-3-662)
- Update the EBL System and EBLWeb with software that supports EBLCloud. E.g. EBLWebLnx v3.9.0 or later

It's possible to check in machine_config if the Gateway already includes OS/BSP 1.3.662 (or later) as Main OS / Config OS. Then you can skip STEP 1 [4.1. STEP 1 - UPDATE GATEWAY 5088 on page 8](#)

The software (EBLWeb) and configuration data are downloaded to the gateway via a commissioning tool, EBLWin. The EBLWin is depending on the EBL system and the EBL software version.

A Config tool (included in EBLWin) is used for configuration of the gateway. The configuration is downloaded to the gateway via TCP/IP. The gateway software is also downloaded via this tool.

More information about Gateway 5088, for example connection and wiring, can be found in " TECHNICAL DESCRIPTION GATEWAY" with document number MEW02670.

2. ABBREVIATIONS

CIE	Control and indicating equipment
S/W	Software
OS	Operating system
System	Two or more control units connected to a TLON / 5040 network

3. GENERAL DESCRIPTION

EBLCloud is a cloud based service, that communicates with EBL fire alarm systems to show their status. Organizations can create a view over the alarmsystems they have access to.

EBLCloud gives the possibility to remotely monitor alarm systems and send notifications when events occur, such as fire alarm, faults or disablements.

The users can to some extent manage the alarm systems via EBLCloud.

Registered users can access EBLCloud from anywhere and uses two step verification for secure operations.

EBLCloud has full support for all platforms; PC, tablet, smartphone, and has a web based app for maximum compatibility. Supported webbrowsers and operating systems are found here: [14. TECHNICAL DATA on page 40.](#)

Basic functions in EBLCloud:

- Status information of EBL installations
- Disable and re-enable zones and zone-addresses
- Manual entries to log file
- SMS and e-mail notifications



4. GET STARTED

Follow the steps 1 to 6 in consecutive order!

Follow the link or scan the QR code to get the instructions as video tutorials.

[EBLCloud | Panasonic](#)



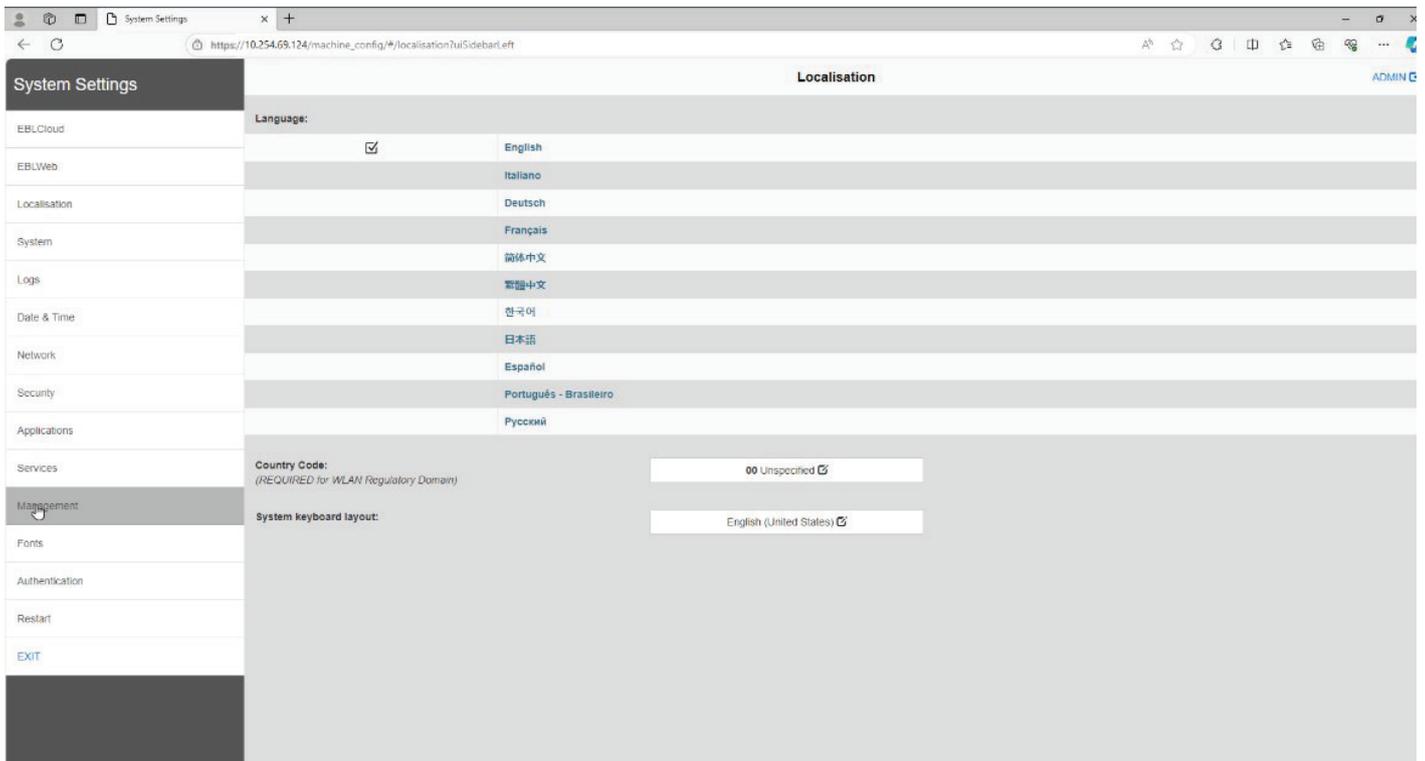
4.1. STEP 1 - UPDATE GATEWAY 5088

Update BSP version (RTOS) via Web browser

It's possible to check in machine_config if the Gateway already includes OS/BSP 1.3.662 (or later) as Main OS / Config OS. Then you can skip STEP 1

a) Download the following files from Panasonic Fire and security homepage. Save locally.
 un74-pa18-configos-1.3.662.rootfs.tar.gz
 un74-pa18-configos-1.3.662.rootfs.tar.gz.md5
 un74-pa18-mainos-1.3.662.rootfs.tar.gz
 un74-pa18-mainos-1.3.662.rootfs.tar.gz.md5

- b) Unzip BSP zip the files to find main 4 files (2 files for ConfigOS, 2 files for MainOS).
 c) Connect your PC to the Gateway 5088.
 d) Open your web browser and enter the URL https://[IP address]/machine_config.
 Replace [IP address] with the IP address of your 5088 device.
 e) Go to "Management".



- f) To install a component, expand it, select "Update", drag the files into your browser, and follow the instructions.

The screenshot shows a 'Management' interface with two OS components. The top component is 'Config OS' and the bottom is 'Main OS'. Both components have the following details:

Component	Type	Signature	Version	Date	Storage Used
Config OS	ext4	UN74PA18C	1.3.662	2022-05-11T00:00:00.000Z	253 MB / 324 MB used
Main OS	ext4	UN74PA18M	1.3.662	2022-05-11T00:00:00.000Z	314 MB / 473 MB used

Below each component's details is a row of buttons: 'Get', 'Update', and 'Check'. The 'Update' button in both sections is circled in red in the original image.

Install the components in the following order:

1. **Config OS**
2. **Main OS**

- g) Start with ConfigOS; Click on update and select configOS image file (un74-pa18-configos-1.3.662.rootfs.tar.gz) and md5 file (un74-pa18-configos-1.3.662.rootfs.tar.gz.md5) respectively
- h) Follow the instructions on the screen and wait for reboot.
- i) Do the same for MainOS; click on update for MainOS, and select MainOS image file (un74-pa18-mainos-1.3.662.rootfs.tar.gz) and MD5 file (un74-pa18-mainos-1.3.662.rootfs.tar.gz.md5).
- j) 1.3.662.rootfs.tar.gz.md5).
- k) After the update, go back to machine_config start page in the web browser, and you will be ask to set new passwords for user and admin accounts.

**Remember your password! Write down the new password!
If you forget your password, you will not be able to use the Gateway anymore!**

Since this OS will have more strict rules for security, once the unit restarts after update, you will be asked to create new passwords for admin and user accounts.

There is no way to reset password or recover the Gateway.

4.2. STEP 2. INSTALL EBLWEB WITH EBLCloud SUPPORT

Please install SW and configure EBLWeb: Software with EBLCloud support, version 2.11.3 and 3.9.2 (or later released versions). Configure as usual with commissioning tool EBLWin.

For more information see "TECHNICAL DESCRIPTION GATEWAY" with document number MEW02670.

4.3. STEP 3. REGISTER AND LOGIN VIA INVITATION LETTER

Once receiving an invitation to use EBLCloud from Panasonic, it will be possible to create an account and link this account to any Authentication App in a smart phone.

Download on Google play or App store. Examples of popular Authenticator apps:



Microsoft Authenticator



Authy

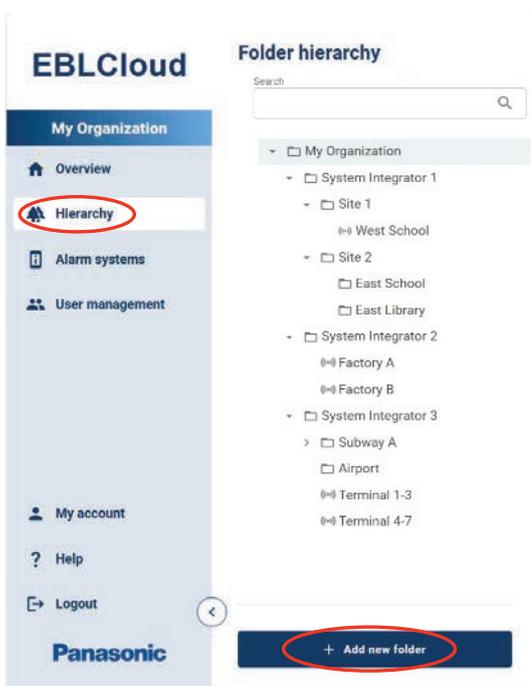


Google Authenticator

4.4. STEP 4. CREATE ORGANIZATION HIERARCHY

To add, remove, or move folders to create a hierarchy, you must have access level "Administrator" or "Folder administrator".

- Login to EBLCloud.
- Click "Hierarchy"
- Click: "Add new folder". Fill out all information in the pop up window.
- Click "Next". Select a parent folder.
- Click "Next". Select a user who will have access to this folder.



Add as many folders and sub-folders as needed to create your hierarchy.

4.5. STEP 5. ADD FIRE ALARM SYSTEM TO EBLCloud

- Login to EBLCloud.
- Click "Alarm systems" on the left side, and click button "Add new alarm system".
- Fill out the 4 pop-up windows.
 - Alarm system
 - Select parent
 - Contact person
 - Configuration - Enter the eth0 mac address (in lower-case) of the gateway unit.

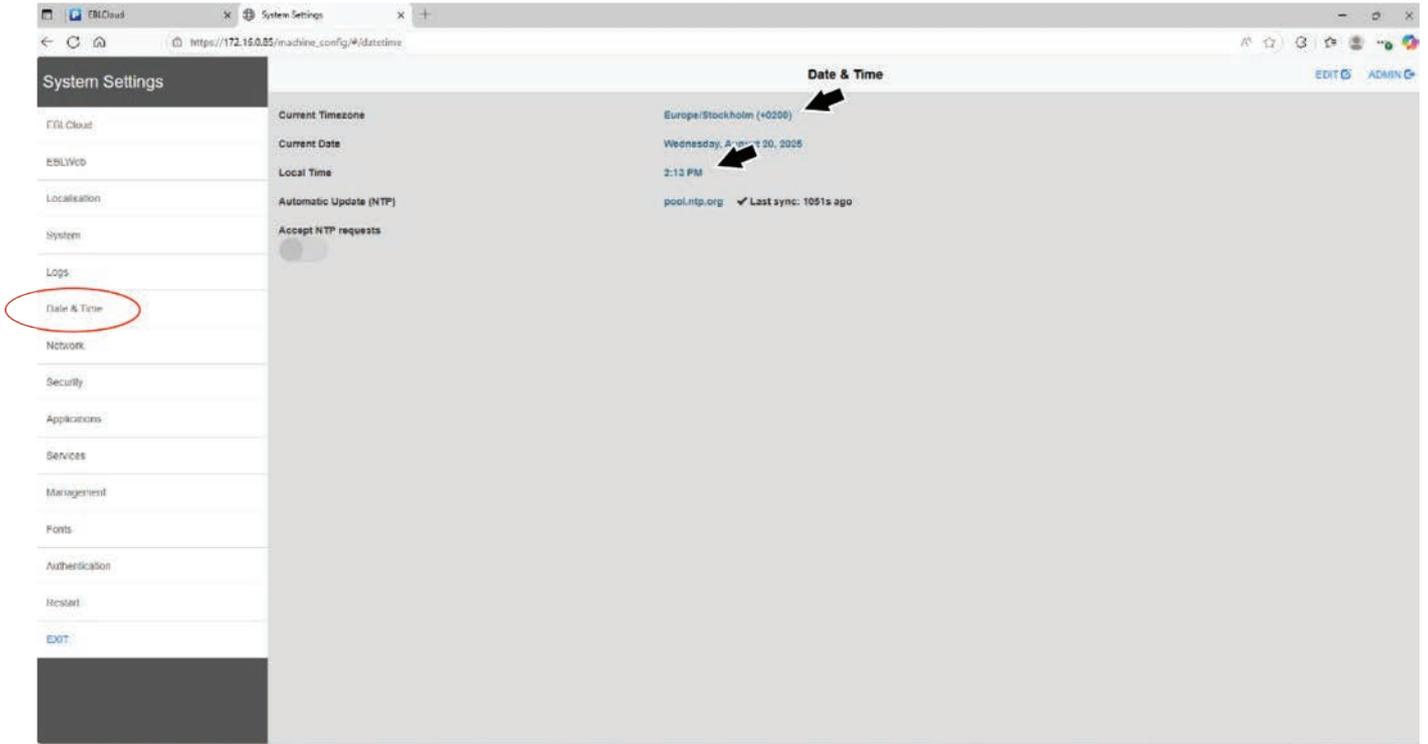
The mac address can be found in the label on the backside of the gateway, ETH0:MAC-ID (last six characters).

Now the alarm system has been added to EBLCloud.

4.6. STEP 6 CONFIGURATION FOR EBLCloud IN GATEWAY

- a) Go to machine_config of the Gateway unit. [https://\[IP address\]/machine_config](https://[IP address]/machine_config).
- b) Go to "Date & Time". It's very important to:
 1. Set the correct Timezone
 2. Set the correct time

in this exact order.



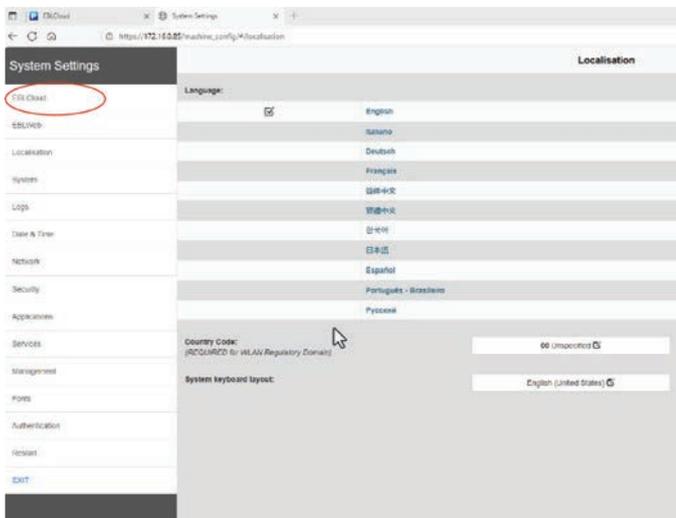
- c) Go to EBLCloud in the left menu of machine_config.
- d) A new page will be shown, for you to enter temporary credentials: Machine_config/EBLCloud
- e) Go to EBLCloud page. Press Setup credentials. Leave "Password" blank to auto generate a password.
- f) Copy the Account Id and password from EBLCloud/Setup credentials into "machine_config/EBLCloud".

Enter the following in "machine_config/EBLCloud":

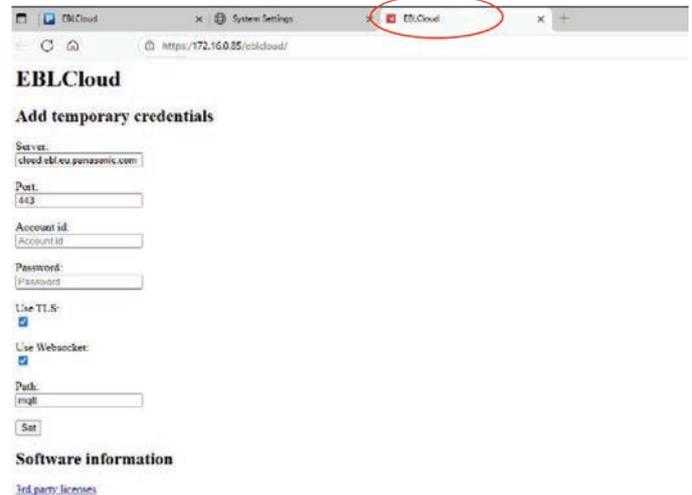
- Server: cloud.ebl.eu.panasonic.com
- Port: 443
- Username: Account Id (copied) from EBLCloud credentials.
- Password: Temporary password (copied) from EBLCloud credentials.
- Use TLS: Yes.
- Use Websocket: Yes.
- Path: mqtt

- g) In "machine_config/EBLCloud", click 'Set' and the temporary credentials will be used in EBLWeb.

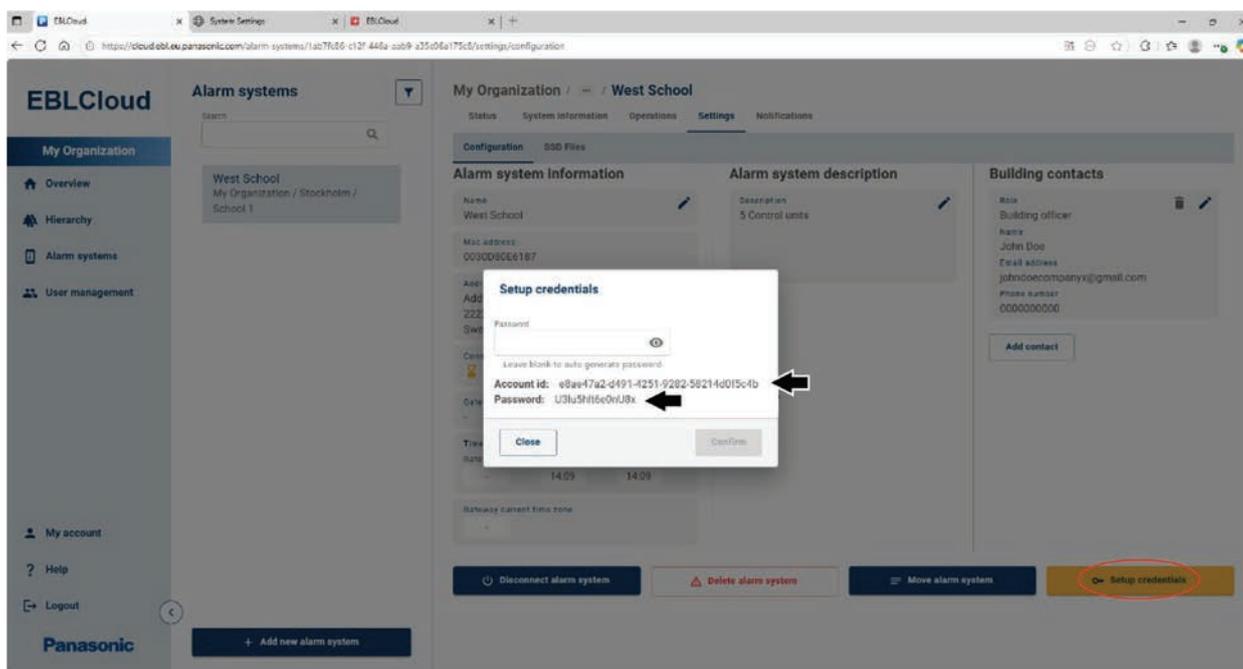
machine_config



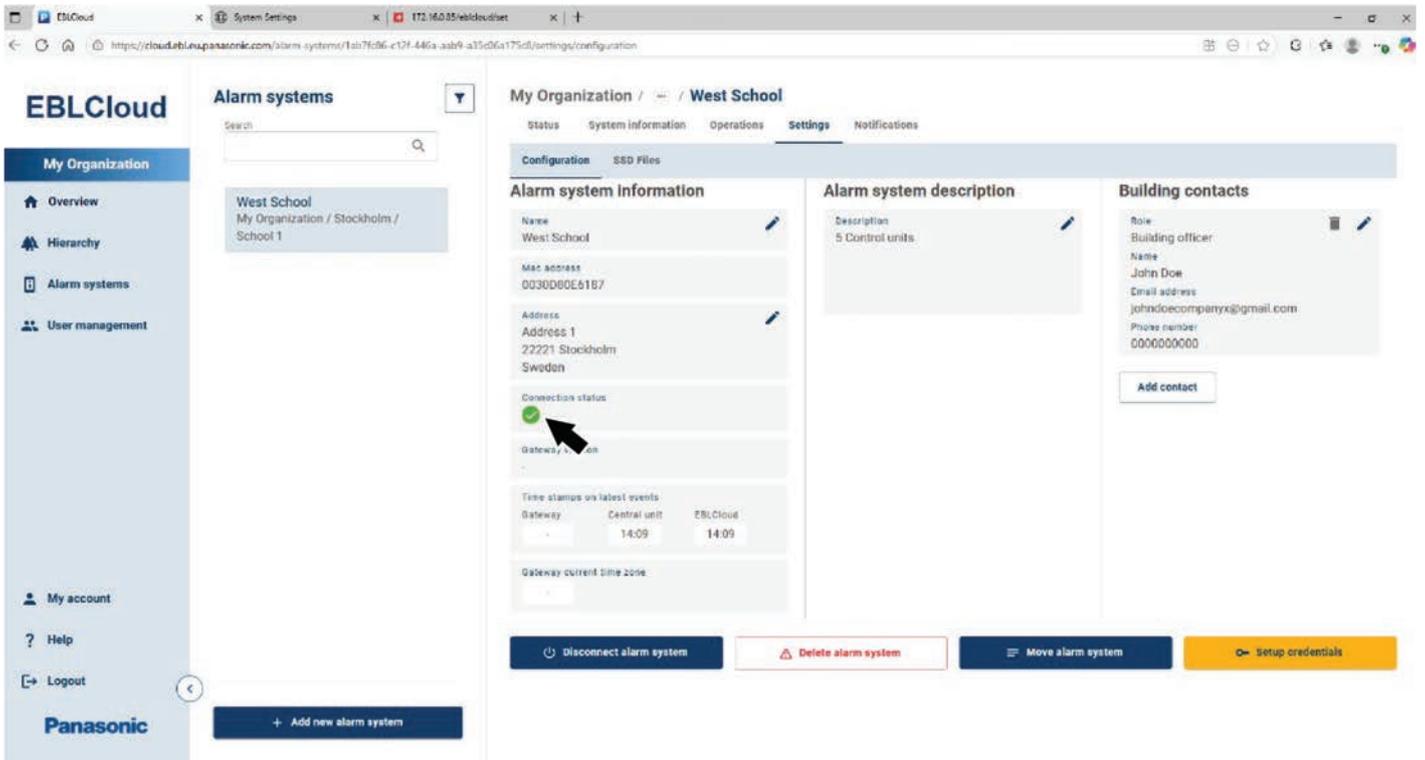
machine_config. / EBLCloud



EBLCloud / Setup credentials



- h) Step 6 is finished when you see the green check box. It can take approximately 5 minutes. Now you can start to use EBLCloud!



5. ACCESS LEVELS

Access level	Authority
Panasonic administrator	(Panasonic Fire & Security Malmö) Invite / Remove customers Select roles to be used by designated customer View and download invoice basis per customer Add Administrators to child folders only Show Administrators to child folders only
Administrator	(Customer Head Quarters) Everything a Folder Admin can do AND: Add / Remove roles for all users Select roles to be used by designated customer Configure invoice settings in subsequent folders Maneuver and view an Alarm system in any folder
Folder Administrator	(Customer Branch office) Add / Remove / Move alarm system to folder Add / Remove / Move folder to/from folder View and download invoice basis Add folder admins to new folders Configure invoice settings in specified folder Maneuver and view an Alarm system in designated folder Can invite/remove: Folder administrators, Alarm system user, Alarm system viewer
Limited Administrator	(Customer Branch office) Select roles to be used by a specific customer Add admins to child folders only Show admins in child folders only
Alarm System User	(Customer Branch office) Can view an Alarm system Can maneuver an Alarm system in specified folder
Alarm System Viewer	(Customer Branch office) Can view an Alarm system

6. OVERVIEW

After login or in to EBLCloud, you will see the menu "Overview" (1). In the Alarm system "Status" list (2) you will see if there are any deviations in any of the present Fire alarm systems. The color of the highest priority event in each Fire alarm system will be visible. Folders (3) shows a list of all project folders added to the organization.

In the lower Alarm systems window (4) you will see the connection/configuration status of the Alarm systems in relation to EBLCloud.

"Folders" (5) shows a summary of the folders.

"Users" (6) shows a summary and status of all users added for the organization.

The screenshot displays the EBLCloud interface. On the left is a navigation menu with the following items: Overview (1), Hierarchy, Alarm systems, User management, My account, Help, and Logout. The main content area is divided into two columns. The left column contains an 'Alarm systems' table (2) with columns for Status, Name, Folder, Last deviation, and Information. The right column contains a 'Folders' table (3) with columns for Name, Sub-folders, Nr. of alarm syste..., and Description. Below these tables are three summary cards: 'Alarm systems' (4) showing 2 Active, 0 Disconnected, and 1 Unconfigured; 'Folders' (5) showing 4 Active; and 'Users' (6) showing 21 Active and 1 Invited. The interface also includes search bars and a 'Total items' indicator for each table.

Status	Name	Folder	Last deviation	Information
●	Demo - 66	PFSEU-Demo...	2025-10-11 9...	EBL512 G3, F...
●	Demo - 67	PFSEU-Demo...	-	EBL512 G3, F...
●	test	PFSEU-Demo...	-	Unconfigured...

Name	Sub-folders	Nr. of alarm syste...	Description
Office 66	0	1	
Office 67	0	1	
Karlskrona	1	1	
Studenter	0	1	

Active	Disconnected	Unconfigured
2	0	1

Active
4

Active	Invited
21	1

1. Overview menu
2. Alarm system Status list
3. Folder list
4. Alarm systems
5. Folders
6. Users

6.1. STATUS INFORMATION

In the Fire Alarm Status list (2) you will see if there are any deviations in any of the present Fire alarm systems. The color of the highest priority event in the Fire alarm system will be visible.

- Grey = Fire alarm system is unconfigured in EBLCloud.
- Green = Fire alarm system in normal operation.
- Yellow = A deviation in the Fire alarm system, for example a fault or a disablement
- Red = Fire Alarm, Pre-alarm and other alarms.

The screenshot shows the EBLCloud interface for 'PFSEU-Demo'. The 'Alarm systems' section is active, displaying a table with the following data:

Status	Name	Folder	Last deviation	Information
●	Demo - 66	PFSEU-Demo...	2025-10-11 9...	EBLS12 G3, F...
●	Demo - 67	PFSEU-Demo...	-	EBLS12 G3, F...
●	test	PFSEU-Demo...	-	Unconfigured...

Below the table, there are summary statistics:

Alarm systems			Folders
2	0	1	4
Active	Disconnected	Unconfigured	Active

7. HIERARCHY

In the menu "Hierarchy" (1) You will see all the folders and Fire Alarm systems added to the organization folder (2).

If you click on a folder with Fire Alarm Systems added (3) you will see the status list of all of these Fire Alarms.

If you click on the Fire Alarm (4) you will open the Alarm System window, and will be able to view detailed information of that Fire Alarm.

The Hierarchy / "Overview" (5) will show:

- Alarm systems: connection/configuration status in relation to EBLCloud.
- Folders: Shows a summary of the folders added.
- Users: Shows a summary and status of all users added for the organization.

The Hierarchy / "Users" (6) will show:

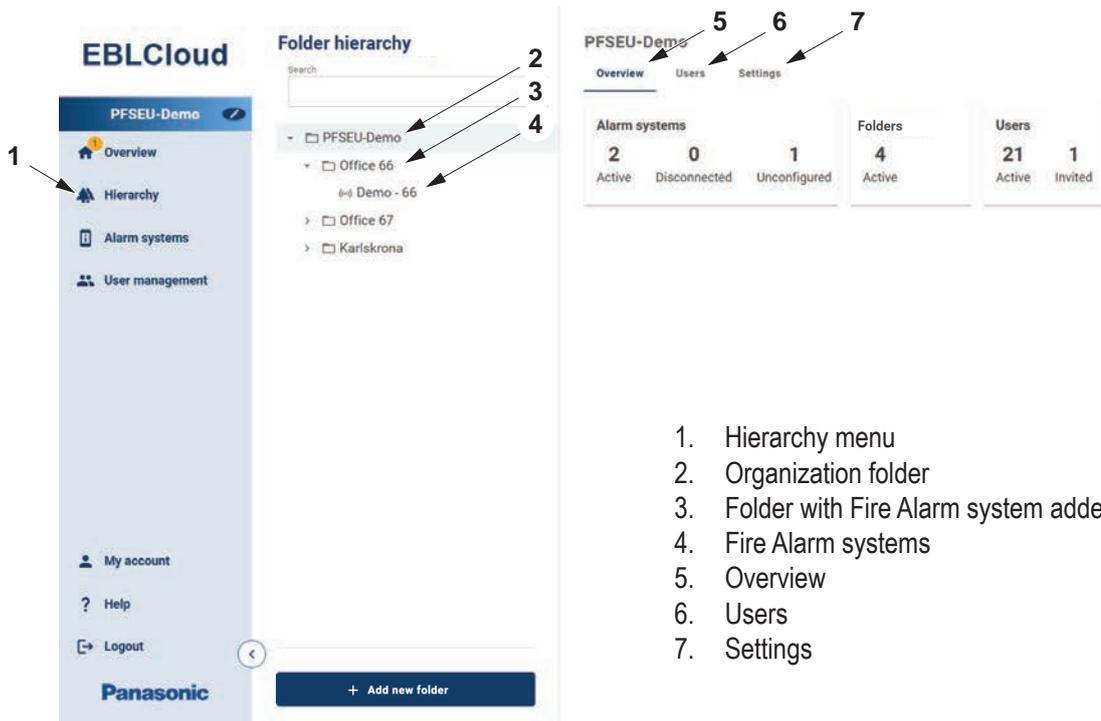
- A list of all users added to that Organization / Folder.

The Hierarchy / "Setting" (7) will show:

- On Organization level: Upload Organization logo



- On Folder level you can add / change:
 - General: name / address / description
 - Invoice basis
 - Move / delete folder
 - See Invoice exports

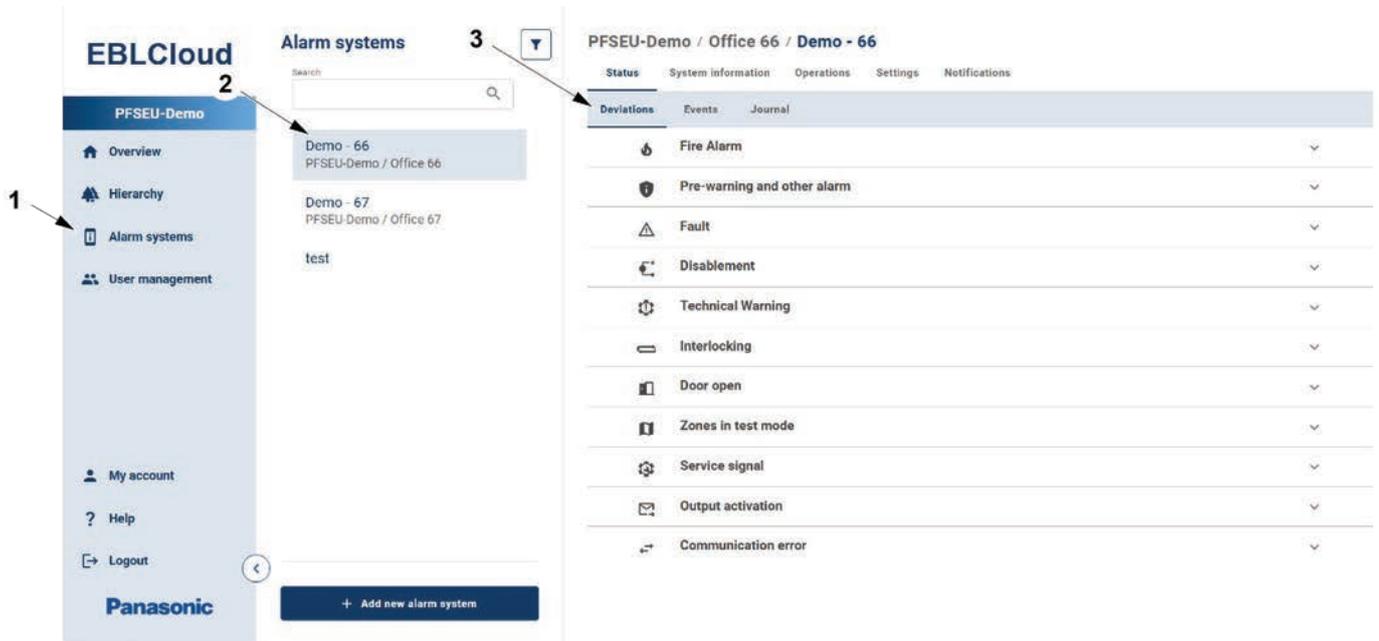


1. Hierarchy menu
2. Organization folder
3. Folder with Fire Alarm system added
4. Fire Alarm systems
5. Overview
6. Users
7. Settings

8. ALARM SYSTEMS

In the menu "Alarm systems" (1) you will see a list of all Alarm systems added to the Organization.

Click a "Fire Alarm system" (2) and click "Status" / "Deviation" (3). A Deviation list for that Fire Alarm System will open.



1. Alarm systems menu
2. Fire Alarm system
3. Status / Deviations

8.1. STATUS

8.1.1. DEVIATIONS

FIRE ALARM

If a fire alarm occurs, it will be visible instantly in EBLCloud as below. There will be red indication in the menu "Overview". Click the Alarm System that indicates Fire Alarm. Select Status / Deviations. Expand the row "Fire Alarm".

You will get detailed information about the fire alarm:

- Time
- Zone / Address
- Type
- State
- Text

The screenshot displays the EBLCloud interface. On the left, the navigation menu shows 'Overview' with a red notification icon. The main content area is titled 'Alarm systems' and lists several systems, with 'Demo - 66' highlighted in a red box. To the right, the 'Status' page for 'Demo - 66' is shown, with a 'Deviations' tab selected. A 'Fire Alarm' notification is visible at the top, followed by a table of alarm details.

Time	Zone-Address	Type	State	Text
2025-10-10 13:00:53 GMT+2	001-14	SMOKE	Heavy smoke	Building 1 Floor 1 Room 4

Below the table, a list of alarm types is shown with expandable arrows:

- Pre-warning and other alarm
- Fault
- Disablement
- Technical Warning
- Interlocking
- Door open
- Zones in test mode
- Service signal
- Output activation

PRE-WARNING AND OTHER ALARM

If a pre-warning or other alarm occurs, it will be visible instantly in EBLCloud in the menu "Overview". Click the Alarm System that indicates Alarm. Select Status / Deviations. Expand the row "Pre-warning and other alarm".

You will get detailed information about the fire alarm:

- Time
- Zone / Address
- Type
- State
- Text

FAULT

If a fault occurs, it will be visible instantly in EBLCloud as below. There will be yellow indication in the menu "Overview". Click the Alarm System that indicates fault. Select Status / Deviations. Expand the row "Fault".

You will get detailed information about the fault:

- Time
- State
- Text

The screenshot shows the EBLCloud interface. On the left is a navigation menu for 'PFSEU-Demo' with options: Overview (highlighted with a yellow warning icon), Hierarchy, Alarm systems, User management, My account, Help, and Logout. The main area is titled 'Alarm systems' and lists three systems: 'Demo - 66' (PFSEU-Demo / Office 66) with a yellow warning icon, 'Demo - 67' (PFSEU-Demo / Office 67), and 'test' (PFSEU-Demo / Karlskrona / Studenter). A '+ Add new alarm system' button is at the bottom.

The right pane shows the detailed view for 'PFSEU-Demo / Office 66 / Demo - 66'. It has tabs for Status, System information, Operations, Settings, and Notifications. Under 'Status', there are sub-tabs for Deviations, Events, and Journal. The 'Deviations' tab is active, showing a list of alarm types: Fire Alarm, Pre-warning and other alarm, Fault (highlighted with a yellow warning icon), Disablement, Technical Warning, Interlocking, Door open, Zones in test mode, Service signal, and Output activation. Below the list is a table with columns 'Time', 'State', and 'Text'.

Time	State	Text
2025-10-10 13:06:06 GMT+2	Serviced	FAULT: Supervised output 0, control unit 00

DISABLEMENT

If there is a disablement, it will be visible instantly in EBLCloud. There will be yellow indication in the menu "Overview". Click the Alarm System that indicates disablement. Select Status / Deviations. Expand the row "Disablement".

You will get detailed information about the disablement:

- Time
- Text

TECHNICAL WARNING

If there is an activated technical warning, it will be visible instantly in EBLCloud. There will be yellow indication in the menu "Overview".

Click the Alarm System that indicates technical warning. Select Status / Deviations. Expand the row "Technical warning".

You will get detailed information about the technical warning:

- Time
- Text

INTERLOCKING

If there is an activated interlocking combination, it will be visible instantly in EBLCloud. There will be yellow indication in the menu "Overview".

Click the Alarm System that indicates interlocking. Select Status / Deviations. Expand the row "Interlocking".

You will get detailed information about the interlocking:

- Time
- Area / Point
- Input
- Output
- Text

DOOR OPEN

If there is any open door, it will be visible instantly in EBLCloud. There will be yellow indication in the menu "Overview".

Click the Alarm System that indicates open door. Select Status / Deviations. Expand the row "Door open".

You will get detailed information about the open door:

- Time
- Control unit
- FBP

ZONES IN TESTMODE

If there is any zones in testmode, it will be visible instantly in EBLCloud. There will be yellow indication in the menu "Overview".

Click the Alarm System that indicates zones in testmode Select Status / Deviations. Expand the row "Zones in testmode".

You will get detailed information about the testmode:

- Time
- Zone

SERVICE SIGNAL

If any detector is signaling service signal, it will be visible instantly in EBLCloud as below. There will be yellow indication in the menu "Overview".

Click the Alarm System that indicates fault. Select Status / Deviations. Expand the row "Service signal,".

You will get detailed information about the service signal,:

- Time
- Zone-address
- Technical number
- Outdated

OUTPUT ACTIVATION

If there is any activated output in the system, it will be visible instantly in EBLCloud. There will be yellow indication in the menu "Overview".

Click the Alarm System that indicates fault. Select Status / Deviations. Expand the row "Output activation".

You will get detailed information about the activated output:

- Time
- Text

COMMUNICATION ERROR

The statistics for communication can be used during commissioning, service, and so on.

You will get detailed information about the fault:

- Number of pollings is the number of pollings / "questions" sent out by the control unit to all the units connected on the COM loop.
- Parity fault is the received number of parity faults and % (faults in relation to pollings).
- Bit faults is the received number of bit faults and % (faults in relation to pollings).
- Bit length fault is the received number of bit length faults and % bit length faults in relation to the pollings.
- No answer

8.1.2. EVENTS

Click menu "Alarm systems" / select an Alarm system / "Status" / "Events".

A list of events will open. Maximum 10 000 events can be loaded to EBLCloud. Loaded events will be saved for 12 months.

You will get detailed information about the events:

- Time
- Event
- User
- Origin

The screenshot displays the EBLCloud user interface. On the left is a navigation sidebar with the 'Alarm systems' menu selected. The main content area is divided into two panels. The left panel, titled 'Alarm systems', shows a search bar and a list of systems: 'Demo - 66' (PFSEU-Demo / Office 66), 'Demo - 67' (PFSEU-Demo / Office 67), and 'test' (PFSEU-Demo / Karlskrona / Studenter). A '+ Add new alarm system' button is at the bottom. The right panel, titled 'PFSEU-Demo / Office 66 / Demo - 66', shows tabs for 'Status', 'System information', 'Operations', 'Settings', and 'Notifications'. The 'Events' tab is active, displaying a table of events with columns for Time, Event, User, and Origin. A search bar is at the top of the table. At the bottom of the table are 'Download' and 'Update' buttons, and a 'Total items 2339' indicator.

Time ↓	Event	User	Origin
2025-10-10 1:01:39 GMT+2	Command: Set calendar and clock		Web00
2025-10-09 1:11:42 GMT+2	event/synchronization/end		
2025-10-09 1:11:40 GMT+2	event/synchronization/start		
2025-10-08 19:42:57 GMT+2	Control outputs de-activated		ALL
2025-10-08 19:42:56 GMT+2	FAULT: No reply zone 001 address 14 technical number 001001 Acknowledged	Service personnel	Web00
2025-10-08 19:42:49 GMT+2	Zone 002 address 01 in normal condition		CU00
2025-10-08 19:42:49 GMT+2	Interlocking output 001-01 de-activated		CU00
2025-10-08 19:42:48 GMT+2	Fire alarm routing de-activated		ALL
2025-10-08 19:42:48 GMT+2	Alarm devices de-activated		ALL

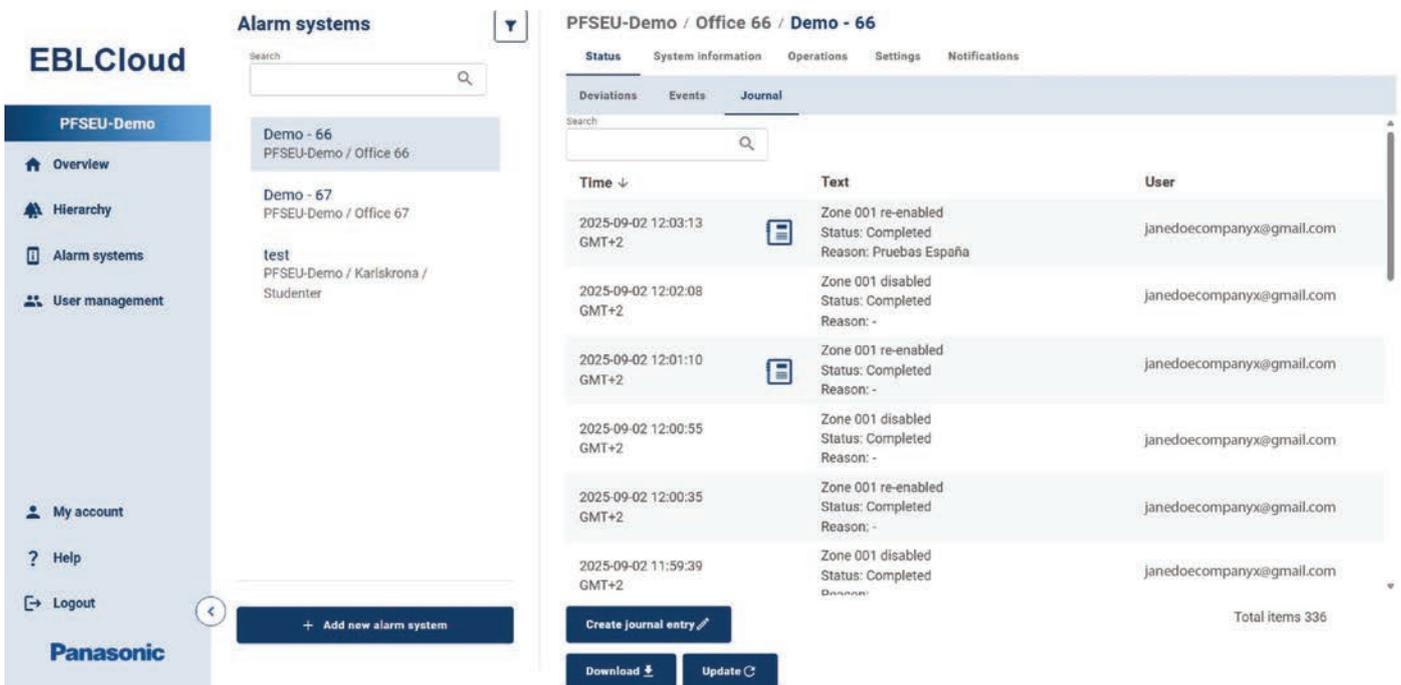
8.1.3. JOURNAL

Click menu "Alarm systems" / select an Alarm system / "Status" / "Journal".

A list of events will open. Maximum 10 000 events can be loaded to EBLCloud.

You will get detailed information about the Journal:

- Time
- Text
- User
- The symbol  is indicating that this is a manually created journal entry.



The screenshot displays the EBLCloud interface. On the left is a sidebar with the 'Alarm systems' menu selected. The main area shows the 'Journal' view for 'Demo - 66'. It features a table with the following data:

Time	Text	User
2025-09-02 12:03:13 GMT+2	Zone 001 re-enabled Status: Completed Reason: Pruebas España	janedoecompanyx@gmail.com
2025-09-02 12:02:08 GMT+2	Zone 001 disabled Status: Completed Reason: -	janedoecompanyx@gmail.com
2025-09-02 12:01:10 GMT+2	Zone 001 re-enabled Status: Completed Reason: -	janedoecompanyx@gmail.com
2025-09-02 12:00:55 GMT+2	Zone 001 disabled Status: Completed Reason: -	janedoecompanyx@gmail.com
2025-09-02 12:00:35 GMT+2	Zone 001 re-enabled Status: Completed Reason: -	janedoecompanyx@gmail.com
2025-09-02 11:59:39 GMT+2	Zone 001 disabled Status: Completed Reason: -	janedoecompanyx@gmail.com

At the bottom of the table, there are buttons for 'Create journal entry', 'Download', and 'Update'. The total number of items is 336.

CREATE A JOURNAL ENTRY

- Click on "Create journal entry".
- In the pop-up window, write the text.
- Click "Confirm".

Press "Download" to save the Journal as excel, PDF or other format.

8.2. SYSTEM INFORMATION

8.2.1. SENSOR INFORMATION

Click menu "Alarm systems" / select an Alarm system / "System information" / "Sensor information".
A list of sensor values will open. Maximum 10 sensor values can be loaded to EBLCloud each time.

You will get detailed information about the events:

- Type
- Technical number
- Zone-Address
- Momentary
- Weekly
- Performance factor
- Min
- Max
- Algorithm
- Install date
- Number of months left

Status	System information	Operations	Settings	Notifications				
Sensor information	Current consumption	Communication						
SMOKE	001001	001-14	0.1 %/m	0.1 %/m	0.00 %/m	0.1 %/m	0.1 %/m	Normal
SMOKE	001002	001-15	0.1 %/m	0.1 %/m	0.00 %/m	0.1 %/m	0.1 %/m	Normal
SMOKE	001003	001-16	0.1 %/m	0.1 %/m	0.00 %/m	0.1 %/m	0.1 %/m	Normal
SMOKE	001004	001-17	0.1 %/m	0.1 %/m	0.00 %/m	0.1 %/m	0.1 %/m	Normal
SMOKE	001005	001-18	0.1 %/m	0.1 %/m	0.00 %/m	0.1 %/m	0.1 %/m	Normal
SMOKE	001006	001-19	0.1 %/m	0.1 %/m	0.00 %/m	0.1 %/m	0.1 %/m	Normal
SMOKE	001007	001-20	0.1 %/m	0.1 %/m	0.00 %/m	0.1 %/m	0.1 %/m	Normal
SMOKE	001008	001-21	0.1 %/m	0.1 %/m	0.00 %/m	0.1 %/m	0.1 %/m	Normal
SMOKE	001009	001-22	0.1 %/m	0.1 %/m	0.00 %/m	0.1 %/m	0.1 %/m	Normal
SMOKE	001010	001-23	0.1 %/m	0.1 %/m	0.00 %/m	0.1 %/m	0.1 %/m	Normal

Last updated at 2025-08-19 12:00:46 GMT+2

[Update sensor information ↻](#)

Total items 12

8.2.2. CURRENT CONSUMPTION

Click menu "Alarm systems" / select an Alarm system / "System information" / "Current consumption".

You will get detailed information about the Power supply, the battery and the loop.
The picture below is an example.

The screenshot displays a web interface with a top navigation bar containing 'Status', 'System information', 'Operations', 'Settings', and 'Notifications'. Below this is a secondary navigation bar with 'Sensor information', 'Current consumption', and 'Communication'. The 'Current consumption' section is divided into two columns: 'Power supply and battery' and 'Loop'.

Power supply and battery

Chose control unit: [Dropdown menu] [Update ↻]

Last updated at 2025-09-26 9:53:01 GMT+2

Power supply

- Unit number: 00
- System voltage: 23.57V
- Earth voltage: 12.09V
- System current: 334mA

Battery

- Unit number: 00
- Battery voltage: 27.23V
- Charge Current: 30mA
- Battery Temperature: 21°C
- Resistance battery circuit: 235mΩ

Loop

Chose control unit: [Dropdown menu] Chose loop: [1] [Update ↻]

Last updated at 2025-09-26 9:53:18 GMT+2

- Unit number: 00
- Loop number: 1
- Loop current: 4mA
- Loop resistance: <29Ω
- Subloop0 current: 0mA
- Subloop1 current: 0mA
- Subloop2 current: 0mA
- Subloop3 current: 0mA

8.2.3. COMMUNICATION

Click menu "Alarm systems" / select an Alarm system / "System information" / "Communication".

You will get detailed information about the Loop statistics.
The picture below is an example.

The screenshot shows a web interface with a top navigation bar containing 'Status', 'System information', 'Operations', 'Settings', and 'Notifications'. Below this is a secondary navigation bar with 'Sensor information', 'Current consumption', and 'Communication'. The 'Communication' section is active and displays 'Loop statistics'. It includes three dropdown menus for 'Chose control unit', 'Chose loop' (set to 2), and 'Chose subloop' (set to 2), followed by an 'Update' button with a refresh icon. Below the controls, it shows the last update time: 'Last updated at 2025-09-11 9:46:35 GMT+2'. The statistics listed are: Unit number: 00, Loop number: 2, Subloop number: 2, Polls: 0, Parity faults: 000000 (00.0%), Bit faults: 000000 (00.0%), No reply faults: 000000 (00.0%), and Bit length faults: 000000 (00.0%).

Loop statistics

Chose control unit Chose loop Chose subloop

 Update ↻

Last updated at 2025-09-11 9:46:35 GMT+2

Unit number: 00

Loop number: 2

Subloop number: 2

Polls: 0

Parity faults: 000000 (00.0%)

Bit faults: 000000 (00.0%)

No reply faults: 000000 (00.0%)

Bit length faults: 000000 (00.0%)

8.3. OPERATIONS

8.3.1. DISABLEMENT

Click menu "Alarm systems" / select an Alarm system / "Operations".

In this view it is possible to:

- Disable Zone (1)
- Disable Zone-address (2)
- Re-enable (3)
- Disable with automatic re-enablement (4)

You can always re-enable by pressing (3), even if "automatic re-enablement by time" is used.

The screenshot displays the EBLCloud interface for configuring alarm system operations. On the left, a sidebar shows navigation options: Overview, Hierarchy, Alarm systems, User management, My account, Help, and Logout. The main content area is titled 'Alarm systems' and lists two systems: 'Demo - 66' and 'Demo - 67'. The 'Demo - 67' system is selected, and its configuration page is shown. The page has tabs for Status, System Information, Operations, Settings, and Notifications. The 'Operations' tab is active, showing the 'Disablement' configuration. The 'Zone' section has fields for Zone (ex. 1), Auto re-enable time (with a dropdown arrow), Reason for disablement (Write here...), and a 'Disable' button. The 'Zone-address' section has fields for Zone (ex. 1) and Address (ex. 1), Auto re-enable time (with a dropdown arrow), Reason for disablement (Write here...), and a 'Disable' button. An 'Active disablements' list on the right shows a recent disablement for 'Zone 001' with a re-enable button. Arrows labeled 1, 2, 3, and 4 point to the 'Disable' buttons and the re-enable button in the active disablements list.

1. Disable Zone
2. Disable Zone-address
3. Re-enable
4. Disable with automatic re-enablement

8.4. SETTINGS

8.4.1. CONFIGURATION

Click menu "Alarm systems" / select an Alarm system / "Settings" / "Configuration".

In this page it is possible to view and edit information, provided you have the required access level.
The picture below is an example.

Status
System information
Operations
Settings
Notifications

Configuration
SSD Files

Alarm system information

Name ✎

Demo - 66

Mac address

0030D80E60B5

Address ✎

Jungmansgatan 12
123 45 Malmö
SWEDEN

Connection status

✔

Gateway version

3.8.1

Time stamps on latest events

Gateway	Central unit	EBLCloud
12:28	12:28	12:28

Gateway current time zone

CET
+0100

Alarm system description

Description ✎

Demo Installation: Local Office 66,
Demo - 666

Building contacts

Role 🗑️ ✎

Local User

Name

Jane Doe

Email address

Jane.Doe@gmail.com

Phone number

+46707-555 555

Add contact

⏻ Disconnect alarm system

⚠️ Delete alarm system

≡ Move alarm system

🔑 Setup credentials

8.4.2. SSD FILES

Click menu "Alarm systems" / select an Alarm system / "Settings" / "SSD Files".

In this page it is possible to view information about the uploaded SSD file:

- Version
- Based on version
- Date
- Description
- Uploaded by

The versions of a SSD file are initially handled in EBLWin. EBLWin keeps track of previously uploaded SSD files, and can determine if your SSD file is based on the latest uploaded file, or an older file. This information is transferred to EBLCloud in the upload process.

Status	System information	Operations	Settings	Notifications
Configuration	SSD Files			
Version ↓	Based on version	Date	Description	Uploaded by
3	2	2025-03-14 15:44:25 GMT+1		janedoecompanyx@gmail.com
2	1	2025-03-14 15:42:24 GMT+1		janedoecompanyx@gmail.com
1	-	2025-03-14 15:41:54 GMT+1	Test SSD - Don't download	janedoecompanyx@gmail.com

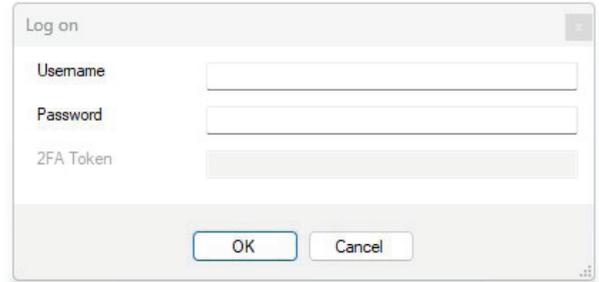
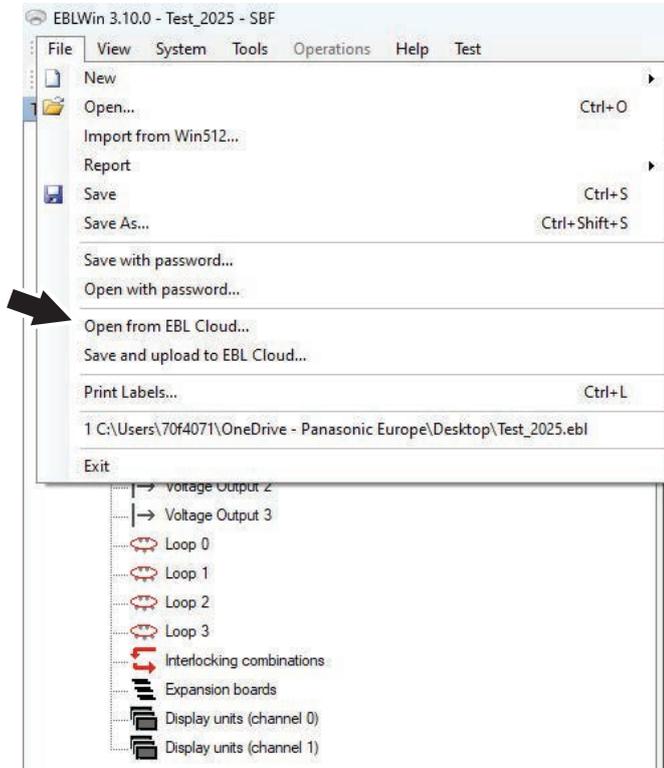
**Upload and download of SSD is done via EBLWin, version 3.9.4 or later released versions.
Not possible with versions 2.11.X.
See the procedures below.**

[UPLOAD SSD FILES TO EBLCloud on page 34.](#)

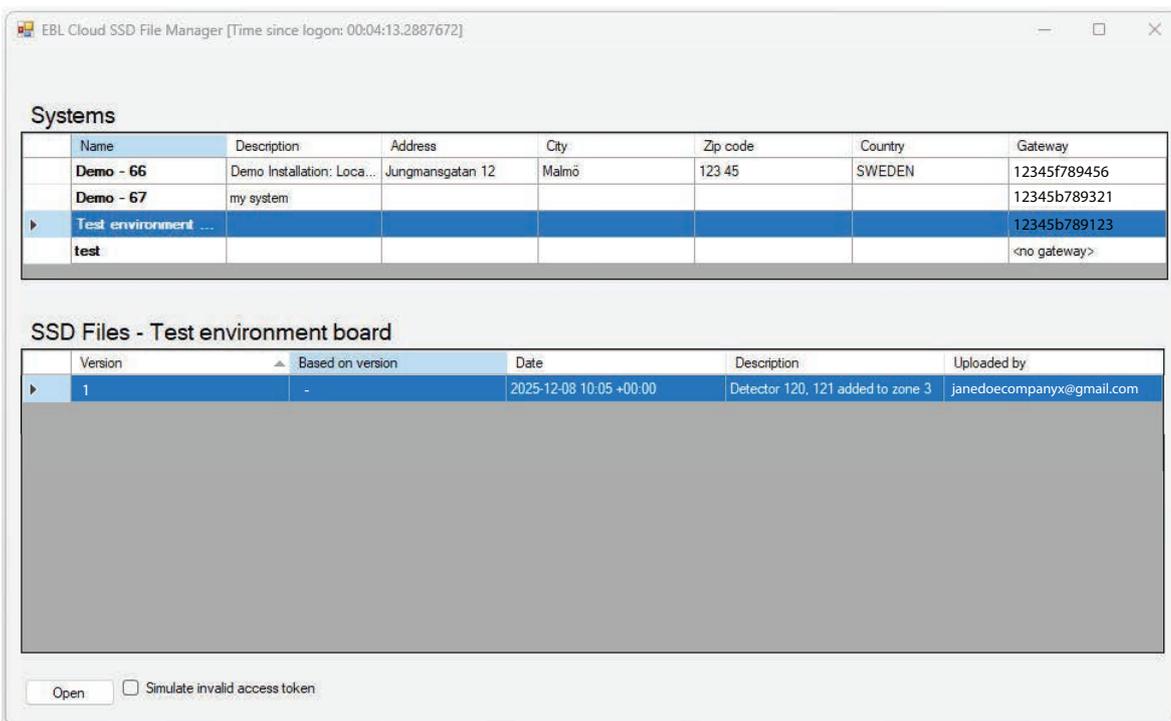
[DOWNLOAD SSD FILES FROM EBLCloud on page 32.](#)

DOWNLOAD SSD FILES FROM EBLCloud

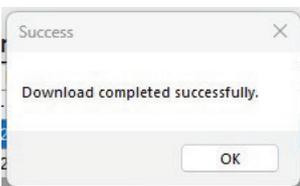
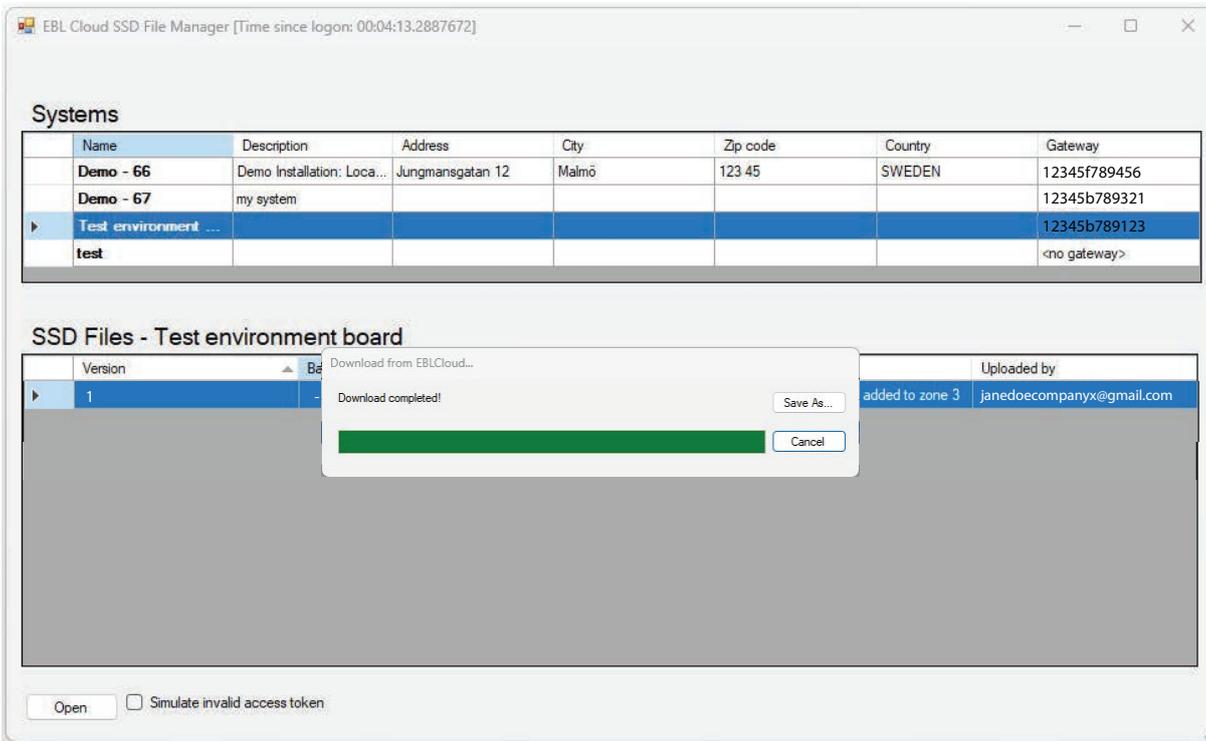
- a) Open EBLWin 3.9.4 or later.
- b) Open menu File/Open from EBL Cloud...
- c) In the "Log on" popup window, log on with your EBLCloud credentials and Authenticator.



- d) In EBLCloud SSD File Manager, select which system in EBLCloud you want to download SSD from. (A selected row is blue.)
- e) The SSD files available in the system will be shown in "SSD Files" below. Select the SSD.

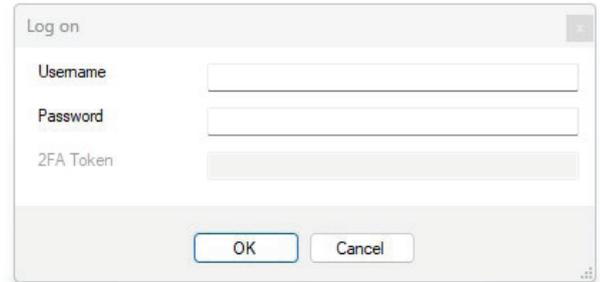
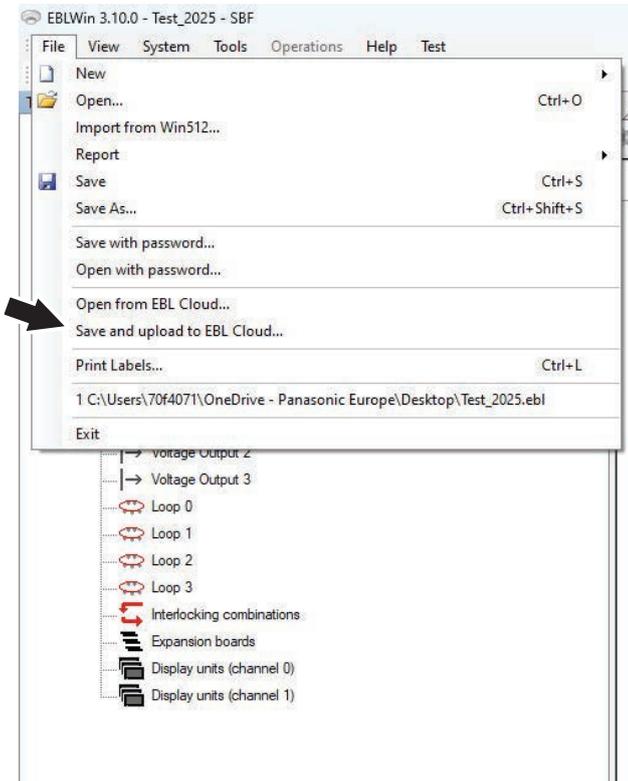


- f) Click "Open".
- g) In popup "Download from EBLCloud", click "Save as" and select where to save the SSD.
- h) In popup "Download completed successfully" click OK.

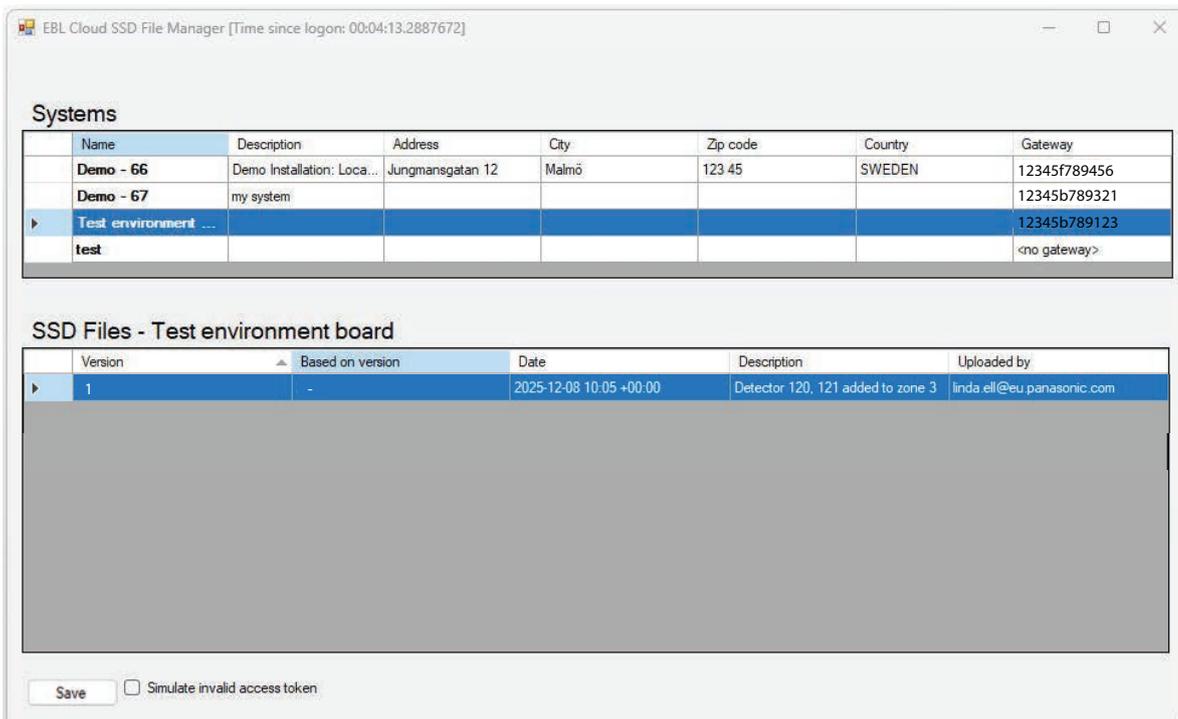


UPLOAD SSD FILES TO EBLCloud

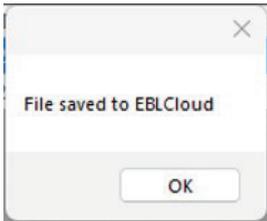
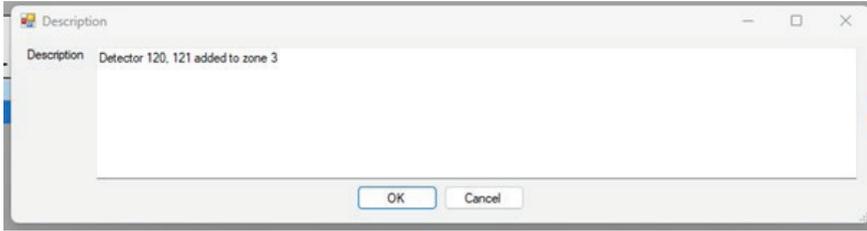
- a) Open EBLWin 3.9.4 or later.
- b) Open the SSD file you want to upload.
- c) Open menu File/Save and upload to EBL Cloud...
- d) In the "Log on" popup window, log on with your EBLCloud credentials and Authenticator.



- e) In EBLCloud SSD File Manager, select the system in EBLCloud you want to upload SSD to. A selected row is blue.
- f) The SSD files currently open in EBLWin will be uploaded to EBLCloud.
- g) Click "Save".



- h) Popup window "Description" is optional. Write the reason for downloading SSD or other information.
- i) In popup "File saved to EBLCloud" click OK.



You can view your uploaded file in EBLCloud. Go to: Alarm systems / select an Alarm system / Settings / SSD Files.

8.5. NOTIFICATIONS

8.5.1. EMAIL

Click menu "Alarm systems" / select an Alarm system / "Notifications" / "Email".
Notifications are sent by email to the email address set in the account details.

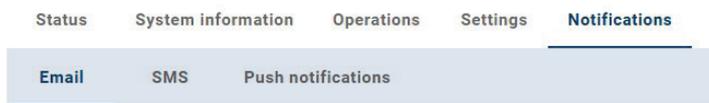
8.5.2. SMS

Click menu "Alarm systems" / select an Alarm system / "Notifications" / "SMS".
Notifications are sent by sms to the phone number set in the account details.

8.5.3. PUSH NOTIFICATIONS

Click menu "Alarm systems" / select an Alarm system / "Notifications" / "Push notifications".
Push notifications are sent to the devices set in the account details.

Notifications can be sent for the events shown in the picture below.



Notifications are sent by email to the email address set in the [account details](#).

Fire-alarm/Pre-warning	<input type="checkbox"/>
Disablement	<input type="checkbox"/>
Interlocking	<input type="checkbox"/>
Technical warning	<input type="checkbox"/>
Fault	<input type="checkbox"/>
Door open	<input type="checkbox"/>
Output activation	<input type="checkbox"/>
Service signal	<input type="checkbox"/>
Test mode alarm zone	<input type="checkbox"/>
Connection Error	<input type="checkbox"/>

9. USER MANAGEMENT

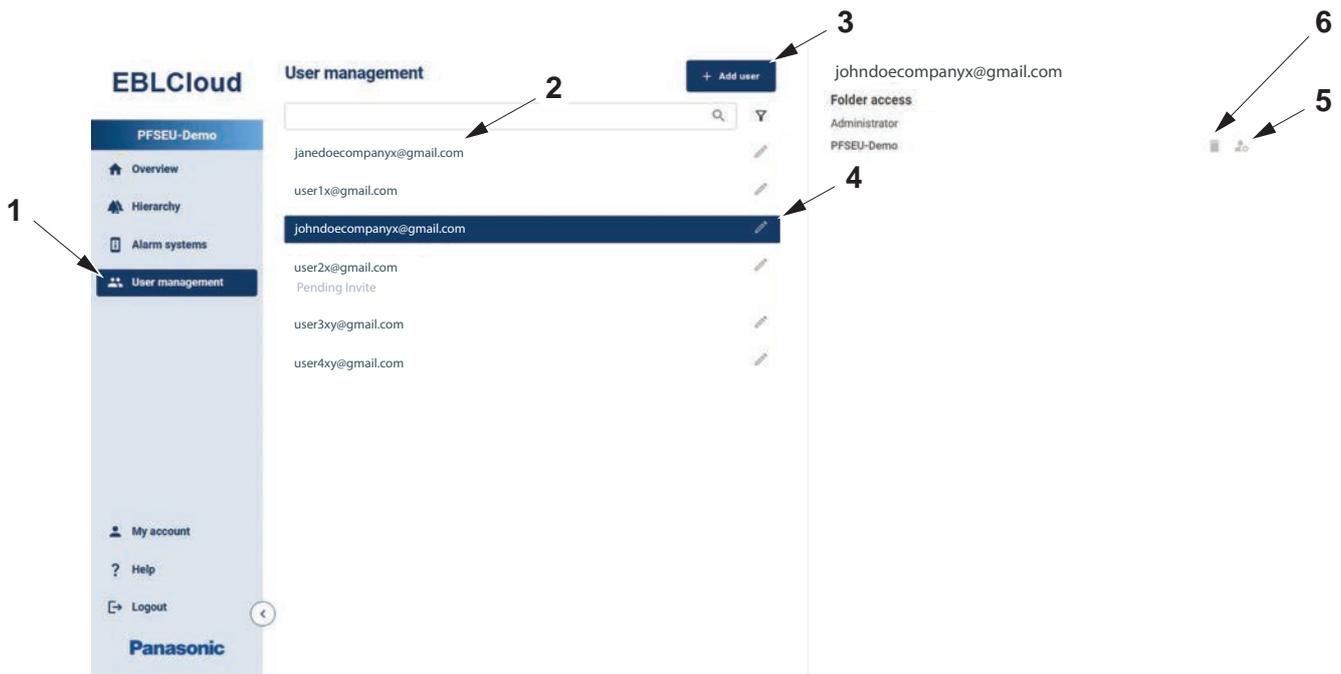
In the menu "User management" (1) you will see a list (2) of all users added to the Organization.

Provided you have the required access level, you can make changes in this menu.

To add a user, click on "Add user" (3).

To edit user information and access level for a user, select symbol  (4) and click the symbol  (5).

To delete a user, select a user (4) and click the symbol  (6).



1. Menu User management
2. User list
3. Add user
4. 
5. 
6. 

10. MY ACCOUNT

In the menu "My account" (1) you can edit the following:

Account information (2)

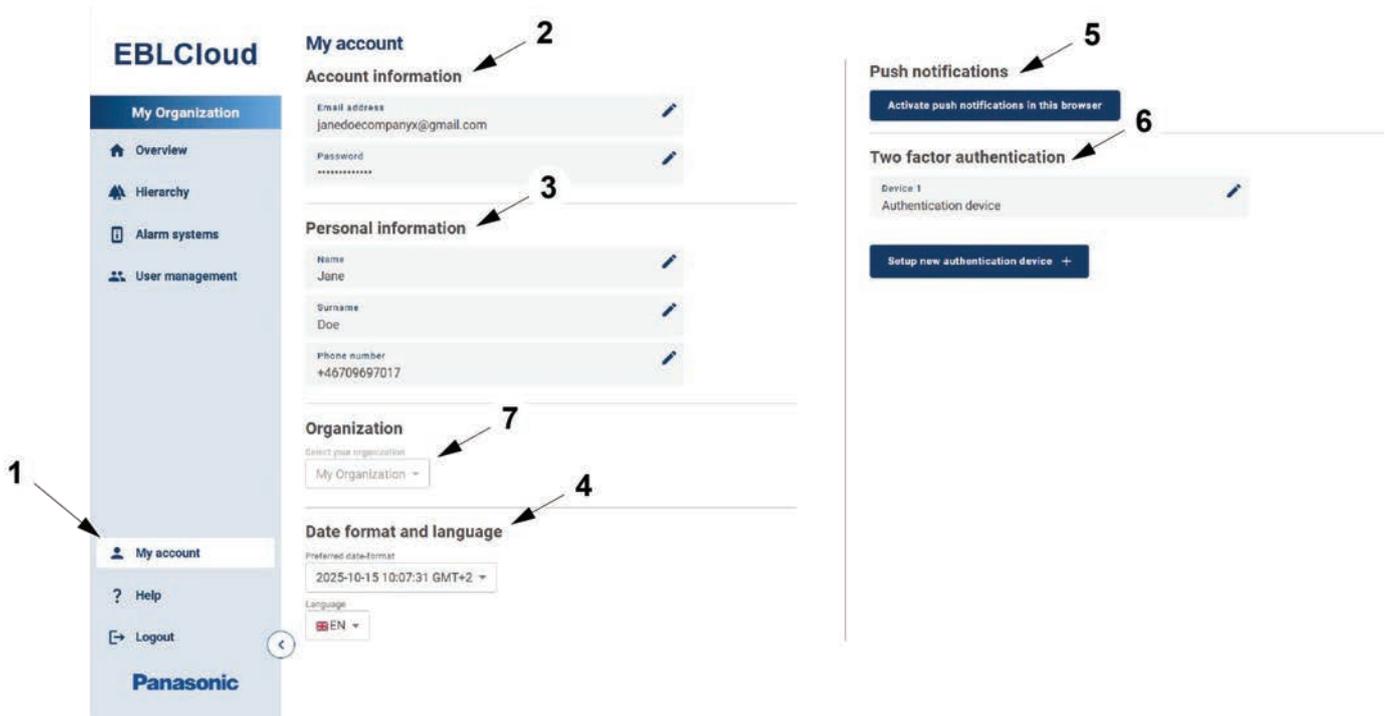
Personal Information (3)

Date and language (4)

Push notifications (5) Make sure to activate notifications for all web browsers used on the PC. (Firefox, Edge etc.)

Two factor authentication. Change / setup new device (6)

Provided you have the required access level, you can change the organization (7) in this menu.



1. Menu My account
2. Account information
3. Personal Information
4. Date and language
5. Push notifications
6. Two factor authentication
7. Select your organization

11. HELP

Click the menu "Help" to get linked to <https://www.panasonic-fire-security.com/EBLCloud>.

Webpage with instructions on how to start up EBLCloud.

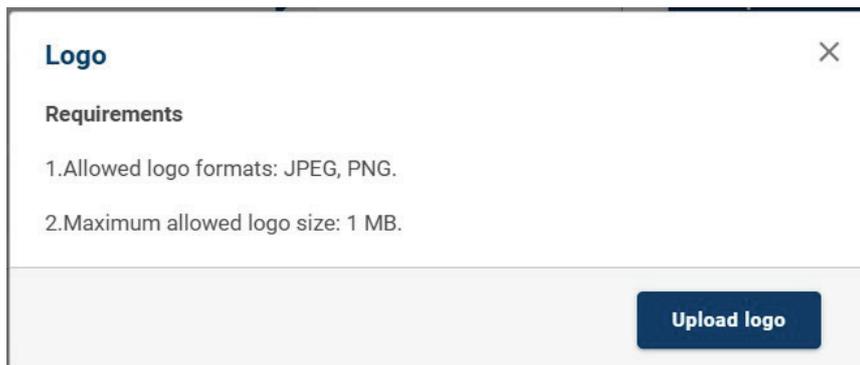
12. LOGOUT

Logout the current user from EBLCloud.

13. CUSTOMIZE LOGO

Provided you have the required access level, you can change the logo in the upper left area of EBLCloud.

- a) Prepare a logo.
 - Formats: JPEG or PNG
 - Maximum size: 1 MB
- b) Put your cursor in the area of logo.
- c) Click on the symbol .
- d) In the pop up window, click "Upload logo".
- e) Select your logo.



14. TECHNICAL DATA

Browser
EBL Cloud is accessible via modern browsers that support Javascript, for example:
 Chrome
 Edge
 Firefox
 Safari
Internet Explorer is not supported.
Operating system
The most recent version of the following operating system is compatible with browsers that use Javascript.
 Windows
 MacOS
iOS iOS
 Android
 Ubuntu

15. APPROVALS

Applicable directive/ Approval	Applicable standards	Notified body
The Operation, Support and Maintenance of IT Systems by Panasonic Information Systems Company Europe (PISCEU)	ISO / IEC 27001:2022 ISO / IEC 27017:2015	TÜV SÜD AMERICA INC. Certification Registration No: 951 24 6105
EBLCloud complies with EN 50710 and EN 50136-10 for secure remote services of security systems and remote alarm system access.		



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