SYLVANIA

SylSmart® Connected

User manual

13 April 2026	SN-200 rev. 2.27

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1. Introduction

SylSmart® Connected Commissioning is a set of software tools that allows commissioning agents, contractors, installers and facility managers to configure, control and manage commercial lighting infrastructures based on qualified Bluetooth mesh.

SylSmart® Connected Commissioning consists of two elements:

- **The SylSmart® Connected web app**[1], used off site to create a lighting control plan based on the expected light behavior and to manage lighting installations. This includes mapping zones within your lighting installation, setting up profiles for zones, and managing users collaborating on the project. The web app requires creating an account and supports English, French, German, Spanish, Finnish, Korean, Simplified Chinese, and Traditional Chinese. The language can be changed in the web app settings.
- **The SylSmart® Connected mobile app** (for iOS/iPadOS and Android)[2], which is used on site to commission devices to the zones to implement the plan set up earlier in the web app. The SylSmart Connected mobile app for iOS/iPadOS has the basic features for managing a project, so it can also be used to perform fine-tuning of a large project or the commissioning of small projects. The SylSmart Connected mobile app for iOS/iPadOS also allows commissioning without using the web app. Using this method for commissioning, however, offers fewer options than when you initially create a commissioning plan in the web app. The mobile apps support English, French, German, Spanish, Finnish, Korean, Simplified Chinese, and Traditional Chinese. The app language is determined by the language settings of the mobile device.

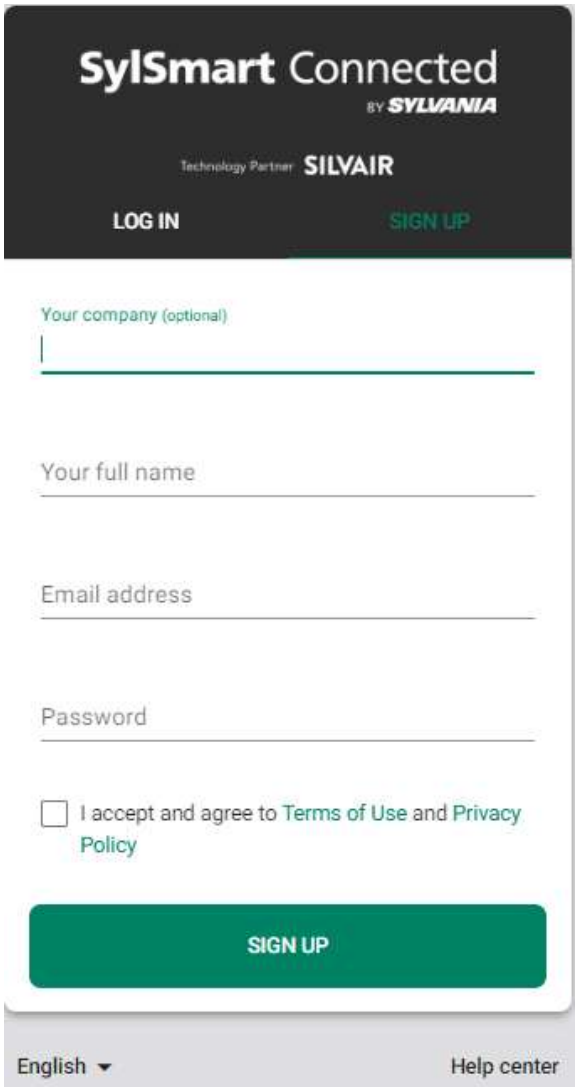
This document explains how to use the SylSmart® Connected web and mobile apps for commissioning and managing a SylSmart Connected lighting control system, including project setup, on-site commissioning, system configuration, and diagnostics.

[1] The SylSmart® Connected web app requires the Chrome browser and an internet connection.
[2] The SylSmart® Connected mobile app supports the two most recent versions of iOS/iPadOS and the three most recent versions of Android. The mobile app also requires Bluetooth enabled and an internet connection, either WiFi or cellular (minimum 3G).

2. Creating a lighting control plan

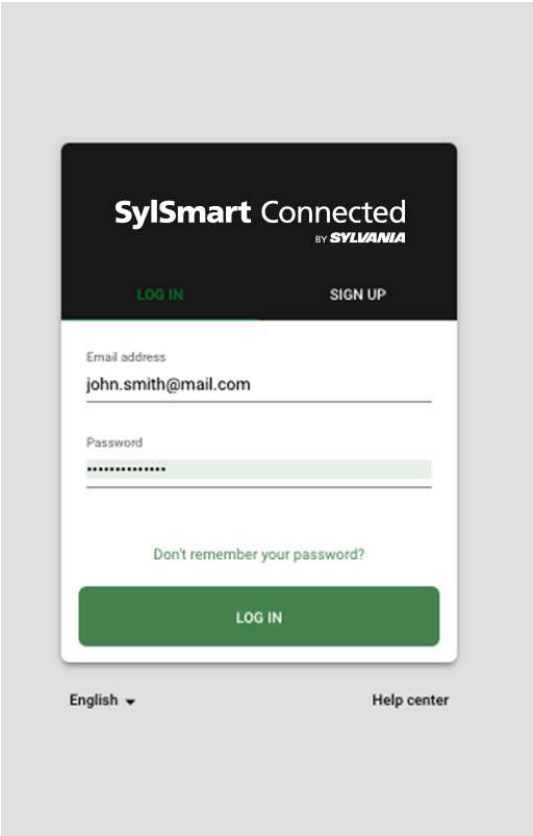
Create an account and log in

Creating an account:
Open the SylSmart® Connected web app at the SylSmart® Connected web app and go to the **Sign up** tab. Enter your details, accept the terms of use and the privacy policy, and click **Sign up**.



A verification email will be sent to the email address you entered. Open the email and click **Confirm**. After you confirm your email address, you can log in.

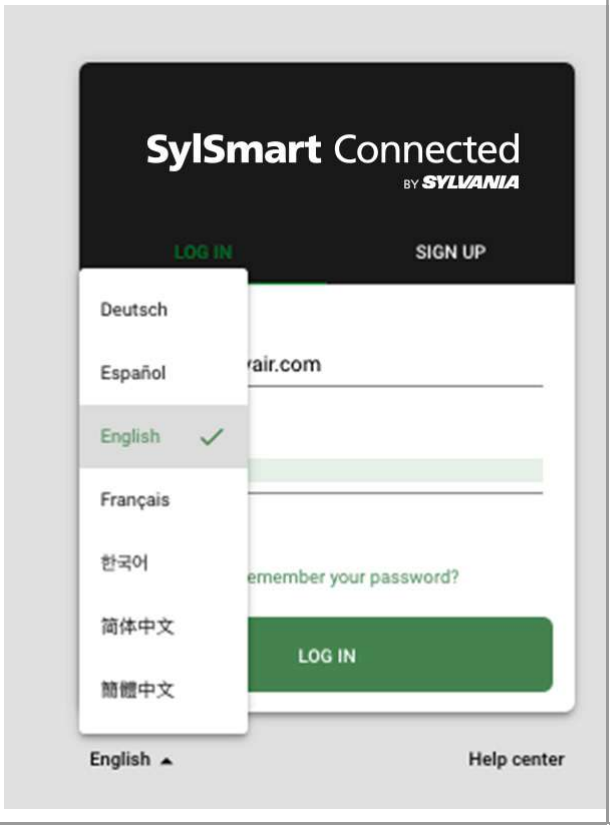
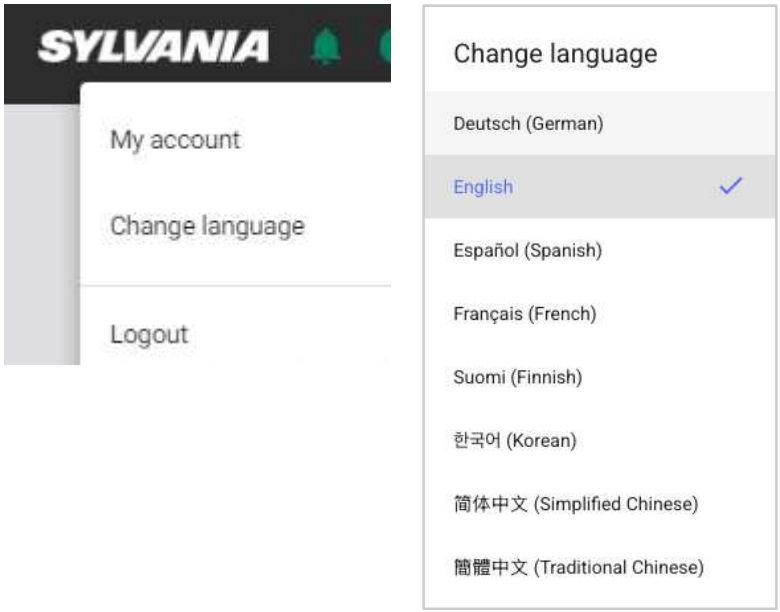
Logging in:
Open the SylSmart® Connected web app at the SylSmart® Connected web app. On the **Log in** tab, enter your registration email address and password, and click **Log in**.



Note: If you forget your password or cannot log in because your account was locked after failed login attempts, use the **Forgot your password** link to request password change.

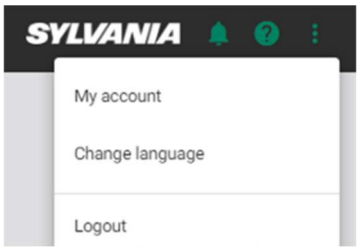
Change the web app language

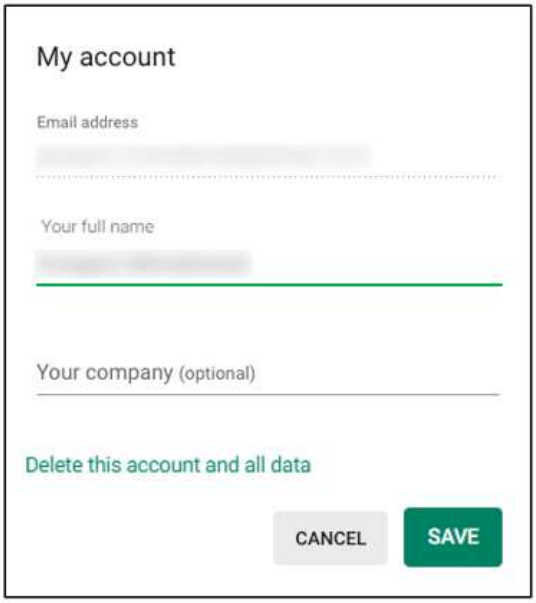
To open the **Change language** menu, do one of the following:

On the login page, click the current language.	After login, click ⋮ > **Change language**.
	

Edit the account

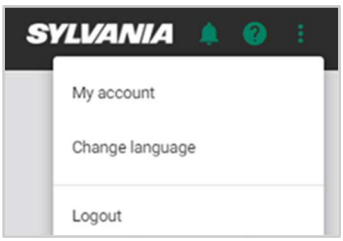
1. In the **web app** or the **iOS/iPadOS mobile app**, select ⋮ > **My account**.
2. In the respective fields, edit your full name or your company name.

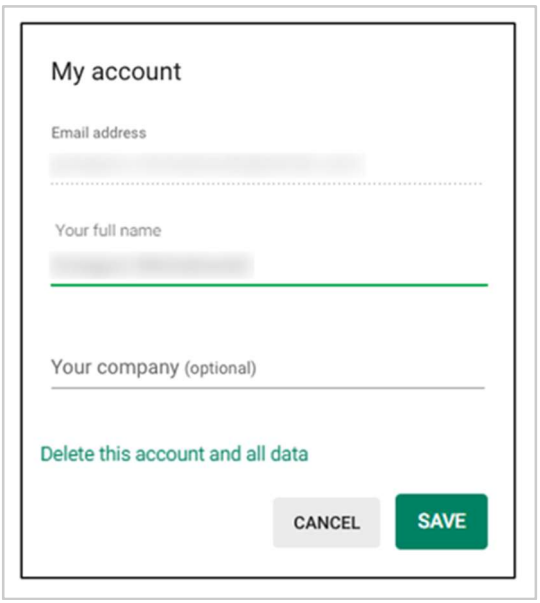




Delete the account

1. In the **web app** or the **iOS/iPadOS mobile app**, click ⋮ > **My account**.
2. Click **Delete this account and all data**. Your account and all data, including projects you own, will be deleted after 30 days and all gateways will be removed. If you log in during this period, you can choose to restore your account.





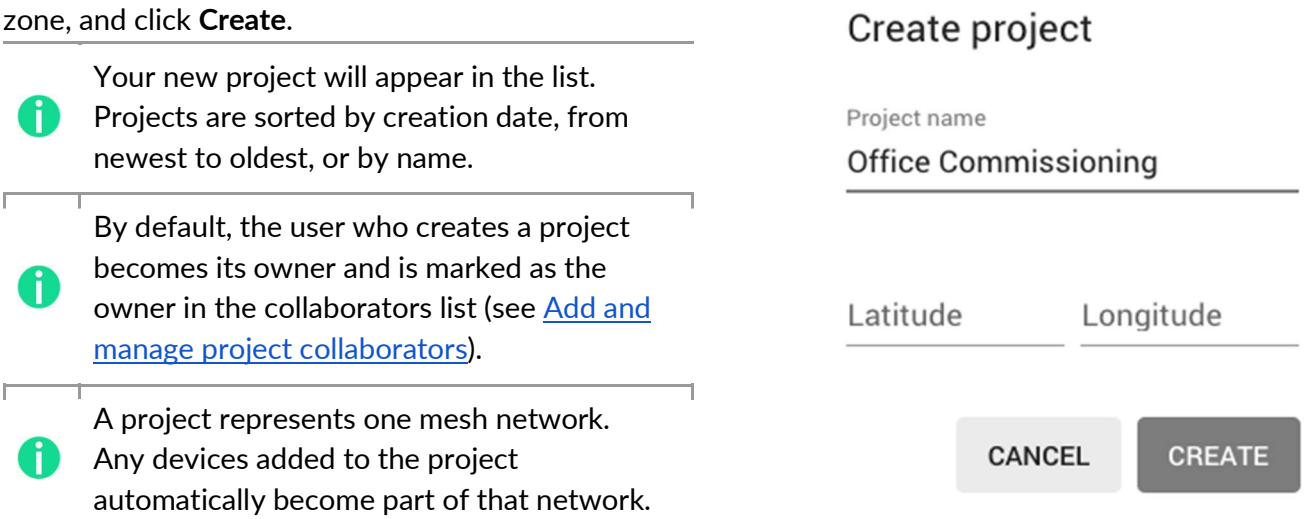
After the account is deleted, you can create a new account with the same email address.

Create a project

A project is a separate lighting installation created in the SylSmart Connected Commissioning tool. It can be as large as a whole building or site, or as small as a single room. Each project is a single Bluetooth mesh network that is separated from other such networks. A project can consist of multiple areas.

1. Log in to the SylSmart® Connected web app.
2. Click **+** to create a project.

3. Enter a name for the project, select the correct time zone, and click **Create**.



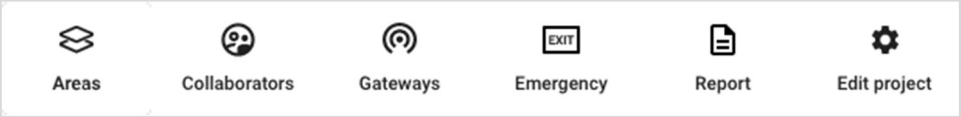
> Your new project will appear in the list. Projects are sorted by creation date, from newest to oldest, or by name.

> By default, the user who creates a project becomes its owner and is marked as the owner in the collaborators list (see Add and manage project collaborators).

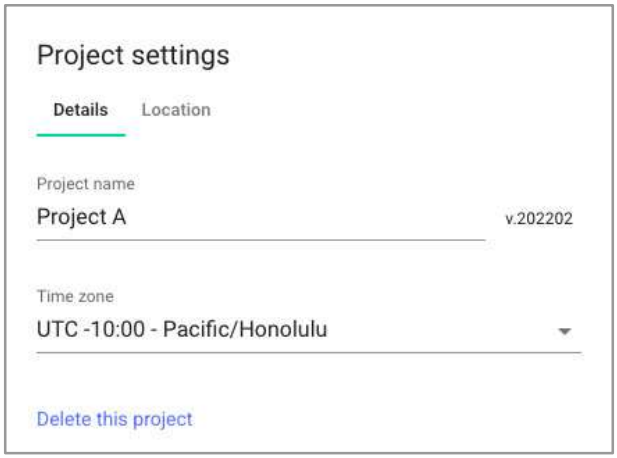
> A project represents one mesh network. Any devices added to the project automatically become part of that network.

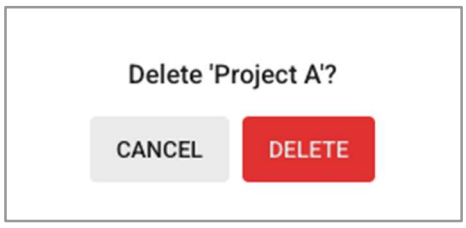
Delete a project

1. In the SylSmart® Connected mobile app, remove all devices from the project (see Remove a device).
2. In the SylSmart Connected web app, open the project.
3. Click **Edit project** to open the project settings.



4. Click **Delete this project**. You will see this option only if you are the project owner.
5. Click **Delete** to confirm. The project will be deleted and will no longer be available to any users collaborating on it.



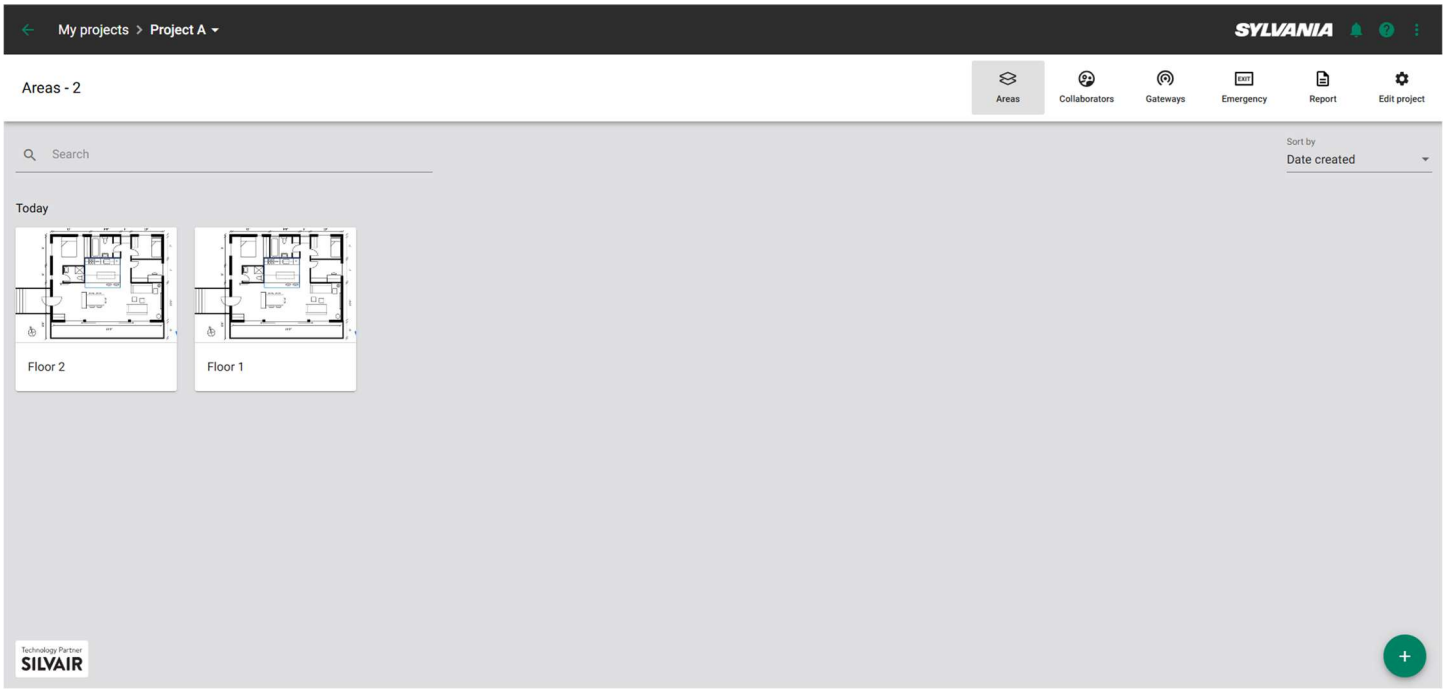


Create an area and upload a floor or site plan image

An area represents a part of a project – typically a floor, but it can also be a part of a large floor, or even a part of a building, such as a parking lot. All devices in an area must be able to communicate with each other. Areas can include a floor or site plan to help the user navigate the project. Dividing a project into areas improves clarity and simplifies navigation.

If one or more devices are isolated and cannot communicate with the other devices in the same area, remove them and add them to a new area.

1. Open the project.
2. Click **+** to create an area.



3. Enter a name for the area.
4. Click ⬆ and open a JPEG, PNG, or PDF file with a floor or site plan image.

   The image will help you put the zones in the correct place during commissioning. You can change the image at any time.

5. Click **Create**.
6. Repeat steps 2–5 to create more areas and upload a floor or site plan image to each area.

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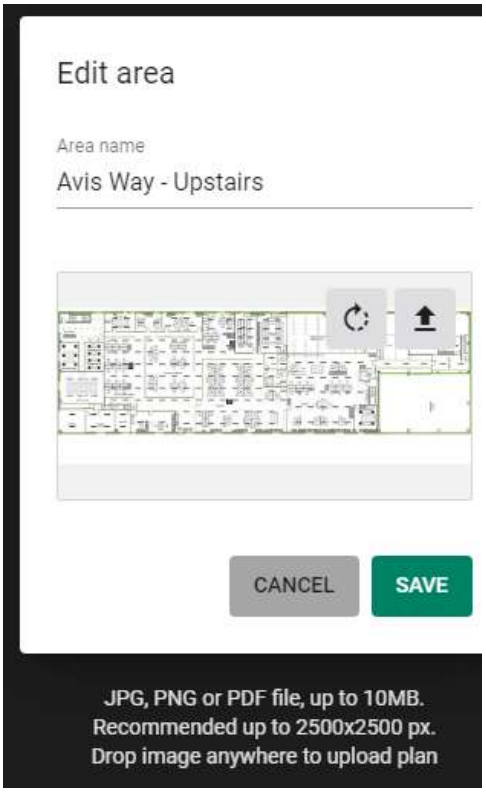
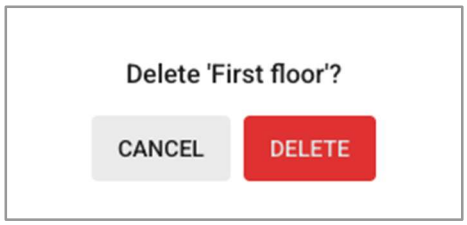
Edit an area

1. Open the project.
2. In the area field, click ⋮ > **Edit**.
3. Enter a new area name.
4. To rotate the image, click ↻.
5. To replace the image, click ⬆ and select a new image file, or drop an image file from your computer onto the page.
6. Click **Save**.



Delete an area

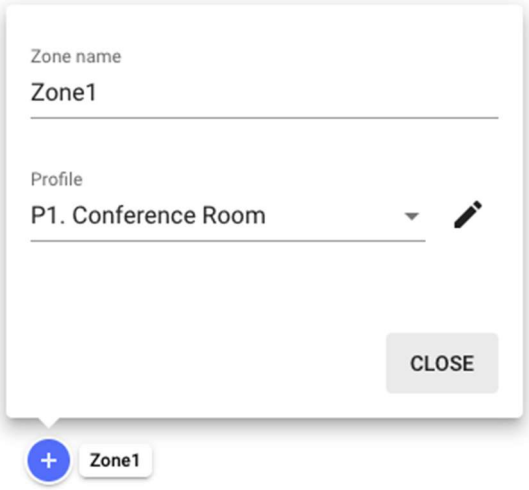
1. In the SylSmart® Connected mobile app, remove all devices from all zones in the area (see Remove a device).
2. In the SylSmart® Connected web app, open the project.
3. In the area field, click ⋮ > **Delete**.
4. Click **Delete** to confirm.

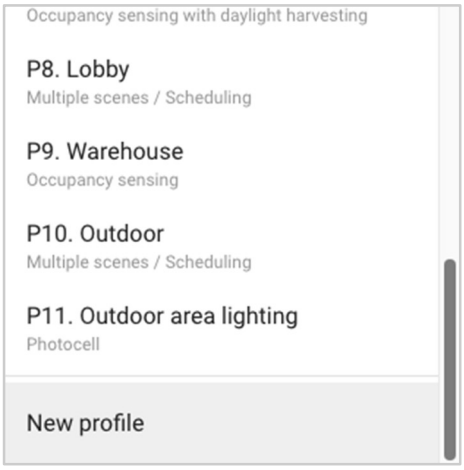


Create a zone and set up a control profile

An area consists of zones that contain devices (luminaires, sensors, and switches) that have been commissioned using the SylSmart Connected mobile app. A zone can be a whole room or a part of it, or a separate space. All devices in the zone operate according to the profile set up for the zone.

1. Open an area.
2. Click on the floor or site plan to add a zone. To move the zone, drag it to where you want it.
3. Enter a name for the zone. The name is saved automatically.





4. Select a profile from the list of default profiles or create a new profile.

A control profile is a scenario with settings used to control a zone. A scenario defines how the light behaves in the zone. If you set a different scenario for a profile, different settings may be available.

For details about profiles and scenarios, see the *Profiles* section and *SN-211 SylSmart® Connected Lighting Control*.

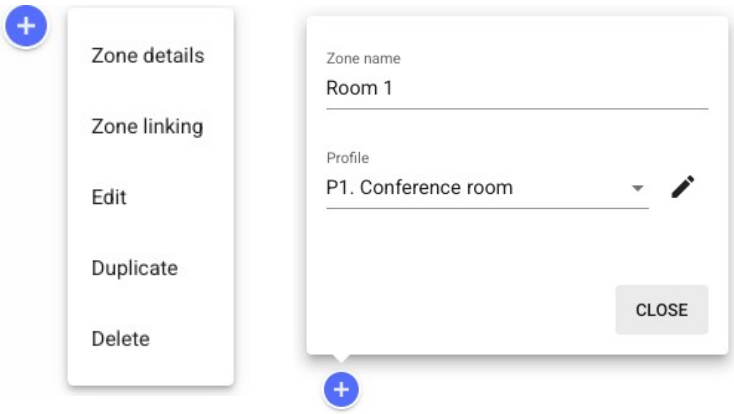
Zone status

+	**Draft** – the zone has been created but no profile is selected[3].
+	**Ready to be commissioned** – a profile is selected and the zone is ready for commissioning on site (with the SylSmart® Connected mobile app).
✓	**Commissioned** – devices in the zone have been commissioned (added and configured correctly).
!	**Warning** – the zone has been commissioned but requires attention. See Commissioning alerts: errors and warnings for details about zone alerts.

[3] Only available in the SylSmart® Connected web app.

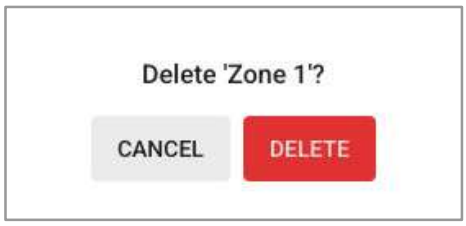
Edit a zone

1. Open the area.
2. Click the zone, or right-click the zone and select **Edit**.
3. Change the zone name or profile.
4. Click ✎ and edit the profile settings, then click **Save** and confirm. See Edit a profile for details.
5. Click **Close**.



Delete a zone

1. In the SylSmart® Connected mobile app, remove all devices from the zone (see Remove a device).
2. In the SylSmart Connected web app, open the area.
3. Right-click the zone and select **Delete**.
4. Click **Delete** to confirm.



Duplicate a zone

1. Open the area.
2. Right-click the zone and select **Duplicate**. Alternatively, press and hold **Option** on macOS or **Alt** on Windows/Linux, and drag the zone.

ⓘ The duplicated zone has the same control and energy profile as the original zone. Zone linking and devices are not copied.

Profiles

A profile is a scenario with settings used to control a zone. For each zone, you can select one of the default profiles or create a new profile with different setting values. If you set a different scenario for a profile, different settings may be available. You can create a profile when you create or edit a zone. To customize a profile, see Edit a profile. Each zone must have a profile assigned before it can be commissioned.

Each profile lets you define two scenes that are triggered with a wall switch (see Scenes A and B setup). For all profiles, you can restore the default light level and automatic mode manually by pressing the On/Auto button of the wall switch (see Companion switch operation with the *Manual control* and occupancy/vacancy sensing scenarios).

Scenarios

A scenario defines how the light behaves in the zone. The following scenarios can be assigned to profiles.

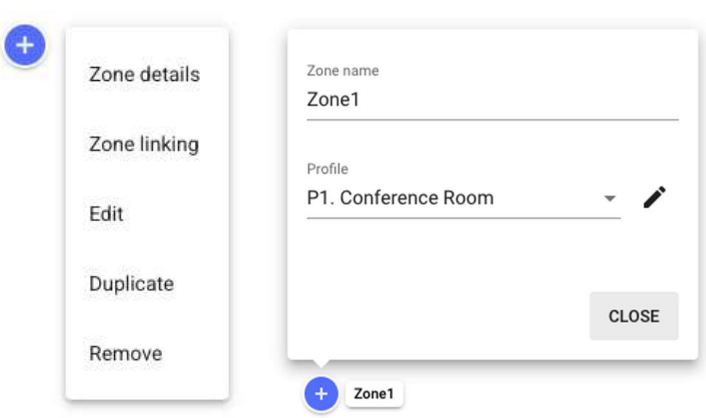
Scenario	Description
Manual control	All luminaires are turned on to the defined light level, turned off, or dimmed using a wall switch. After a power failure, the luminaires return to the same level as before the power failure.
Occupancy sensing	All luminaires turn on to the defined level when motion is detected. They turn off when no motion is detected for a defined time. You can also dim or turn off the light manually (for example, with a wall switch), and this action overrides automation[4]. Automation resumes after the zone has been vacant for the time set by the *Manual override timeout* setting.
Occupancy sensing with daylight harvesting	All luminaires turn on to the defined light level when motion is detected. They turn off when no motion is detected for a defined time or when sufficient daylight is available to maintain the defined light level. You can also dim and turn off the light manually (for example, with a wall switch), and this action overrides automation[4]. Automation resumes after the zone has been vacant for the time set by the *Manual override timeout* setting.
Vacancy sensing	All luminaires are turned on to the defined light level with a wall switch. They turn off when no motion is detected for a defined time. You can also dim and turn off the light with a wall switch, and this action overrides automation[4]. Automation resumes after the zone has been vacant for the time set by the *Manual override timeout* setting.
Vacancy sensing with daylight harvesting	All luminaires are turned to the defined light level with a wall switch. They turn off when no motion is detected for a defined time or when sufficient daylight is available to maintain the defined light level. You can also dim and turn off the light manually (for example, with a wall switch), and this action overrides automation[4]. Automation resumes after the zone has been vacant for the time set by the *Manual override timeout* setting.

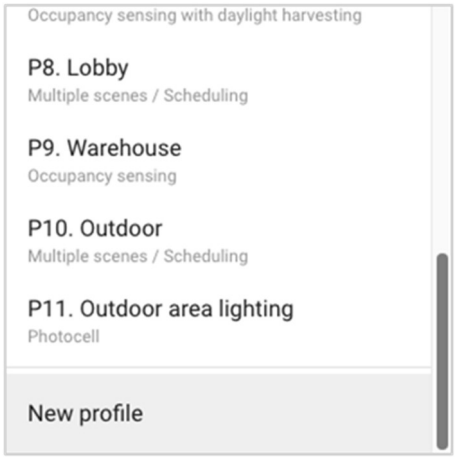
[4] Manual control (for example, with a wall switch) overrides auto control, and the luminaires do not maintain the defined light level until auto control is restored.

Scenario	Description
Photocell	All luminaires turn on to the defined light level when it is dark, or turn off when it is bright. When the zone is occupied, the light can adjust to the defined level.
Multiple scenes	Allows you to set up four customizable scenes in the SylSmart® Connected web app, each with its own name and settings, such as different light levels and timeouts for office hours, after hours, or work shifts. The multiple scenes scenario cannot be adjusted using the SylSmart® Connected mobile app. Scenes can be triggered by: ● Pressing a wall switch, such as a companion switch (see Companion switch operation with the *Multiple scenes / Scheduling* scenario). ● The scheduling feature, which recalls a scene at a preset time, without manual control.
Central control	All luminaires are controlled by a central controller, which collects data from sensors and switches to set the appropriate light levels for all luminaires in the zone.
Central control for dual output	One group of devices is controlled by a central controller, while a different group is controlled by local occupancy sensors. The light can also be adjusted or turned off using a local switch.

Create a profile

1. Open an area.
2. Click a zone, or right-click the zone and select **Edit**.
3. Expand the **Profile** list and select **New profile**.





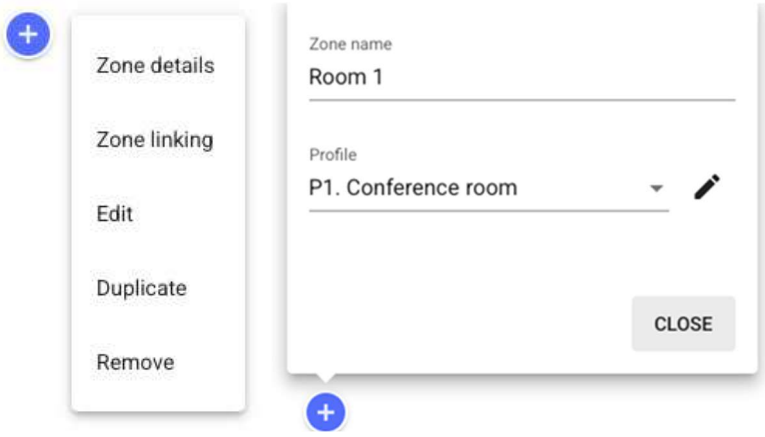
4. Enter a name for the profile
5. Select a scenario to define the light behavior in the zone.
6. Click **Create**.

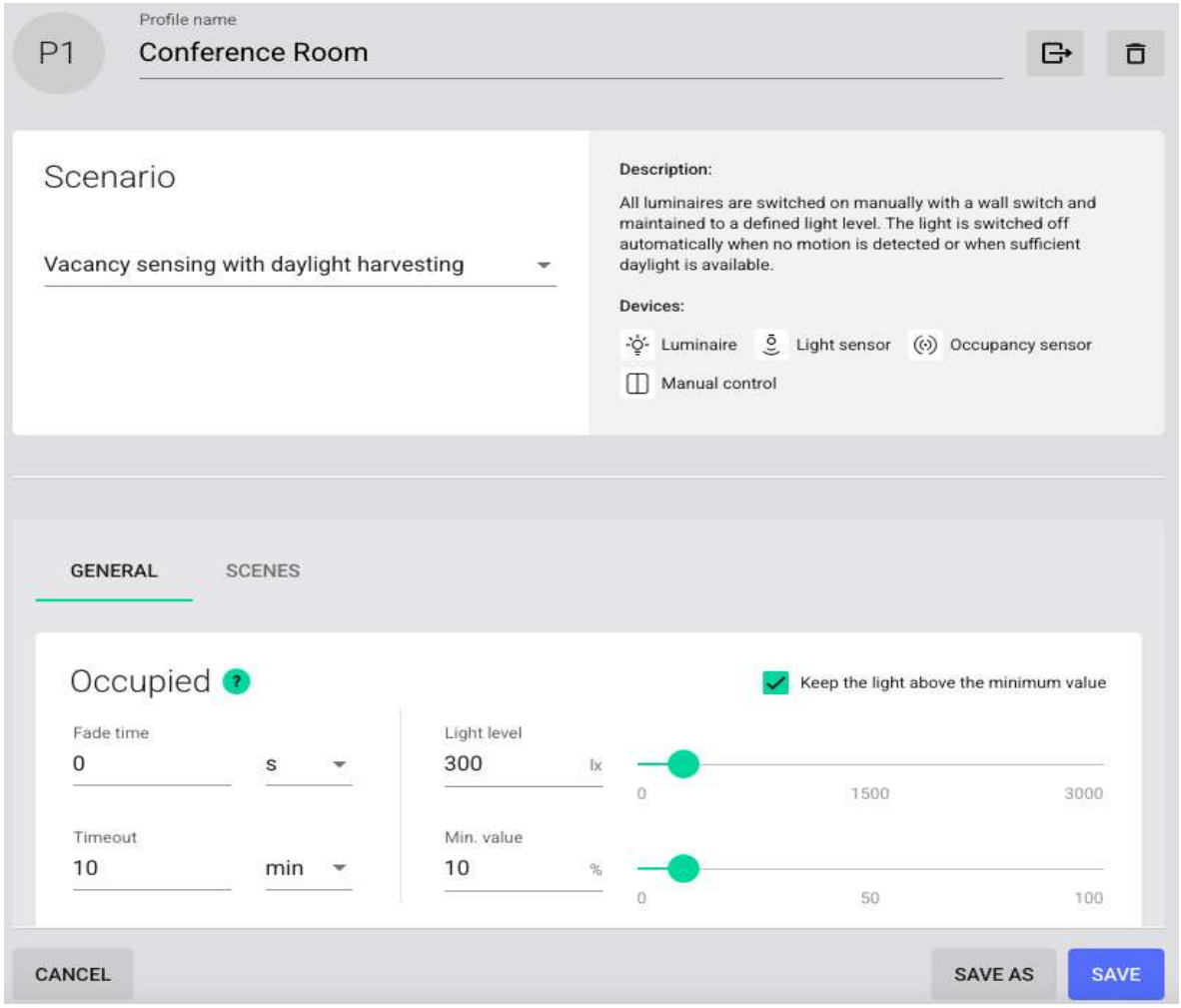
> A profile can be assigned to multiple zones in a project.

> Each type of space can use a different profile with different timeouts, fade times, and light levels.
> For example:
> - Conference rooms can use a profile with the *Vacancy sensing with daylight harvesting* scenario.
> - Corridors can use a profile with the *Occupancy sensing with daylight harvesting* scenario.

Edit a profile

1. Open an area.
2. Click a zone that uses the profile you want to edit, or right-click the zone and select **Edit**.
3. Click ✎.
4. Change the name, scenario, or settings (see Scenario parameters).

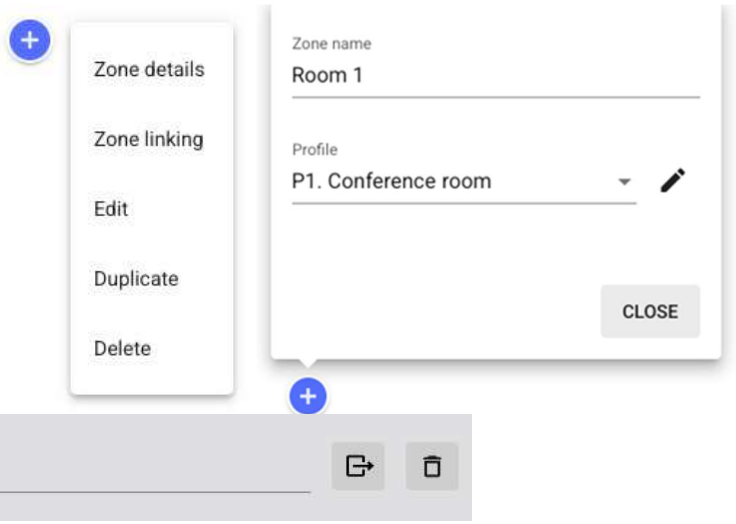




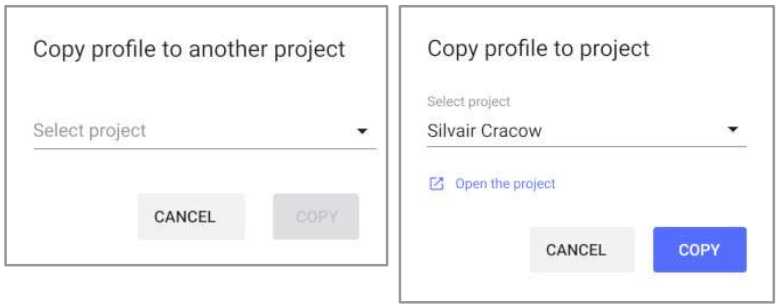
5. Apply the customized profile:
   a. To this zone only:
      i. Click **Save as**.
      ii. Enter a name for the profile.
      iii. Click **Save**.
   b. To all zones in which it is used: Click **Save** and confirm.

Copy a profile

1. Open an area.
2. Click a zone that uses the profile you want to copy to a different project, or right-click the zone and select **Edit**.
3. Click ✎.
4. Click ⎘.

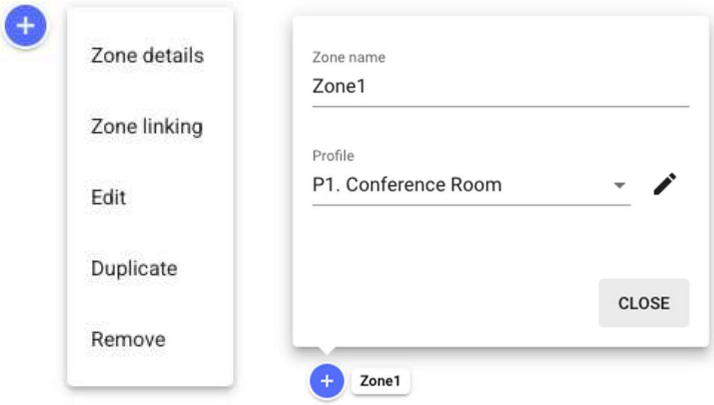


5. Select the project to which you want to copy the profile.
6. Click **Copy**.

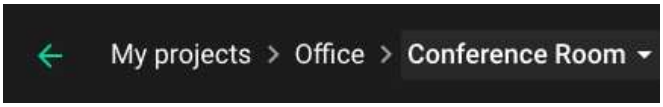


Delete a profile

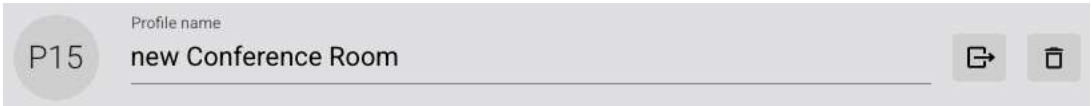
1. Open an area.
2. Click a zone, or right-click the zone and select **Edit**.
3. Click ✎.



4. In the title bar, click ▾ to expand the profile list.



5. Select a profile that is not used in any zone.
6. Click 🗑.



7. Click **Delete** to confirm.

Scenario Settings

Manual control

Default light level

Light level	The light level when turned on.
Fade time	The time over which the default light level is reached.

Low/high-end trim

Min.	The minimum dimming level that can be reached when the light is on, by auto or manual control (for example, with a wall switch). If the light level is set between 0% and the Min., it adjusts to the Min.

The Min. does not affect OFF commands. The device can still be turned off:

- By pressing OFF on a wall switch.
- By setting the slider in the 'Test' tab of the mobile app to 0%.
- By auto control in specific scenarios.

Max.	The maximum light level that can be reached by auto or manual control (for example, with a wall switch). If the light level is set between the Max. and 100%, it adjusts to the Max.

Power up behavior

Keep light off	The light remains off.
Restore	The light level and color temperature return to their values before the power failure.
Defined light level	The light turns on at this light level. The color temperature returns to default.

Scene A

Default light level	The light level when scene A is turned on.

Scene B

Default light level	The light level when scene B is turned on.

Occupancy sensing / Occupancy sensing with daylight harvesting / Vacancy sensing / Vacancy sensing with daylight harvesting

Occupied

Light level	The light level when the zone is occupied.
Fade time	The time over which the occupied light level is reached.
Timeout	The time for which the occupied light level is maintained before switching to the prolonged light level. The timer resets when occupancy is detected.
Min. value	(Only for scenarios with *daylight harvesting* when the "Keep the light above the minimum value" checkbox is selected.) The minimum light level to be maintained even if sufficient daylight is available. Set it to Min. of the Low/high-end trim, if that value is higher than 0%.

Prolonged

Light level	The light level after the occupied mode timeout.
Fade time	The time over which the prolonged light level is reached.
Timeout	The time for which the prolonged light level is maintained before switching to the vacant light level.
Min. value	(Only for scenarios with *daylight harvesting* when the "Keep the light above the minimum value" checkbox is selected.) The minimum light level to be maintained even if sufficient daylight is available. Set it to Min. of the Low/high-end trim, if that value is higher than 0%.

Vacant

Light level	The light level when the zone is vacant.
Fade time	The time over which the vacant light level is reached.
Min. value	(Only for scenarios with *daylight harvesting* when the "Keep the light above the minimum value" checkbox is selected.) The minimum light level to be maintained even if sufficient daylight is available. Set it to Min. of the Low/high-end trim, if that value is higher than 0%.

Low/high-end trim

Min.	The minimum dimming level that can be reached when the light is on, by auto or manual control (for example, with a wall switch). If the light level is set between 0% and the Min., it adjusts to the Min.

The Min. does not affect OFF commands. The device can still be turned off:

- By pressing OFF on a wall switch.
- By setting the slider in the 'Test' tab of the mobile app to 0%.
- By auto control in specific scenarios.

Max.	The maximum light level that can be reached by auto or manual control (for example, with a wall switch). If the light level is set between the Max. and 100%, it adjusts to the Max.

Power up behavior

Keep light off	The light remains off. Auto control resumes after the manual override timeout if the zone is vacant. If the manual override timeout is disabled, auto control can be restored only manually.
Restore	If the light was in the “Occupied” or “Prolonged” mode before the power failure, it returns to the “Occupied” mode. If it was in the “Vacant” mode, it returns to the “Vacant” mode. The color temperature returns to its value before the power failure. The sensor may start responding to occupancy up to 240 seconds after power up.
Defined light level	The light turns on at this light level. The color temperature returns to default. Auto control resumes after the manual override timeout if the zone is vacant. If the manual override timeout is disabled, auto control can be restored only manually.

Manual override timeout

The vacancy time after which the light returns to auto mode following manual control. If disabled, auto mode must be restored manually.

> The timer starts when you use the switch or change the light level manually. It resets when you use the switch or change the light level manually, or when occupancy is detected.

Scene A

Default light level	The light level when scene A is turned on.

Scene B

Default light level	The light level when scene B is turned on.

Photocell

Night

Starts below	The light level below which the light switches to the night settings. Must be lower than the “Day starts above” light level.
Default light level	The light level to which the light is set when it gets dark. If the “Occupied light level” field is enabled, this setting applies only when the zone is vacant.
Occupied light level	(Available when the “Adjust level when occupied” checkbox is selected.) The light level to which the light is set when occupancy is detected.

Day

Starts above	The light level above which the light switches to the day settings. Must be higher than the “Night starts below” light level.
Default light level	The light level to which the light is set when it gets bright. If the “Occupied light level” field is enabled, this setting applies only when the zone is vacant.
Occupied light level	(Available when the “Adjust level when occupied” checkbox is selected.) The light level to which the light is set when occupancy is detected.

Occupancy timeout (Available when the “Adjust level when occupied” checkbox is selected for “Day” or “Night” settings.) The time for which the “Occupied light level” is maintained after occupancy is detected.

Fade time The time over which a specific light level is reached.

Manual override timeout The vacancy time after which the light returns to auto mode following manual control. If disabled, auto mode must be restored manually.

> The timer starts when you use the switch or change the light level manually. It resets when you use the switch or change the light level manually, or when occupancy is detected.

Power up behavior

Keep light off	The light remains off. Auto control resumes after the manual override timeout if the zone is vacant. If the manual override timeout is disabled, auto control can be restored only manually.
Restore	The light level and color temperature return to their values before the power failure. The sensor may start responding to occupancy up to 240 seconds after power up.
Defined light level	The light turns on at this level. The color temperature returns to default. Auto control resumes after the manual override timeout if the zone is vacant. If the manual override timeout is disabled, auto control can be restored only manually.

Low/high-end trim

Min.	The minimum dimming level that can be reached when the light is on, by auto or manual control (for example, with a wall switch). If the light level is set between 0% and the Min., it adjusts to the Min.

The Min. does not affect OFF commands. The device can still be turned off:

- By pressing OFF on a wall switch.
- By setting the slider in the 'Test' tab of the mobile app to 0%.
- By auto control in specific scenarios.

Max.	The maximum light level that can be reached by auto or manual control (for example, with a wall switch). If the light level is set between the Max. and 100%, it adjusts to the Max.

Scene A

Default light level	The light level when scene A is turned on.

Scene B

Default light level	The light level when scene B is turned on.

Multiple scenes / Scheduling

Low/high-end trim

Min.	The minimum dimming level that can be reached when the light is on, by auto or manual control (for example, with a wall switch). If the light level is set between 0% and the Min., it adjusts to the Min.

The Min. does not affect OFF commands. The device can still be turned off:

- By pressing OFF on a wall switch.
- By setting the slider in the 'Test' tab of the mobile app to 0%.
- By auto control in specific scenarios.

Max.	The maximum light level that can be reached by auto or manual control (for example, with a wall switch). If the light level is set between the Max. and 100%, it adjusts to the Max.

Power up behavior

Keep light off	The light remains off.
Restore	If the light was in the "Occupied" or "Prolonged" mode of a scene before the power failure, it returns to the "Occupied" mode of the same scene. If it was in the "Vacant" mode, it returns to the "Vacant" mode of the scene. The color temperature returns to its value before the power failure. The sensor may start responding to occupancy up to 240 seconds after power up.
Defined light level	The light turns on at this light level. The color temperature returns to default.

Scene 1, Scene 2, Scene 3, Scene 4

Scene name	The name of the scene.
Light level	The light level when auto control is not used.
Occupied	(Available when the "Automatic scene" checkbox is selected.)
Light level	The light level when the zone is occupied.
Fade time	The time over which the occupied light level is reached.
Timeout	The time for which the occupied light level is maintained before switching to the prolonged light level. The timer resets when occupancy is detected.
Min. value	(Available when the "Daylight harvesting" and "Keep the light above the minimum value" checkboxes are selected.) The minimum light level to be maintained even if sufficient daylight is available. Set it to Min. of the Low/high-end trim, if that value is higher than 0%.
Prolonged	(Available when the "Automatic scene" checkbox is selected.)
Light level	The light level after the occupied mode timeout.
Fade time	The time over which the prolonged light level is reached.
Timeout	

Min. value	The time for which the prolonged light level is maintained before switching to the vacant light level. (Available when the “Daylight harvesting” and “Keep the light above the minimum value” checkboxes are selected.) The minimum light level to be maintained even if sufficient daylight is available. Set it to Min. of the Low/high-end trim, if that value is higher than 0%.
Vacant	(Available when the “Automatic scene” checkbox is selected.)
Light level	The light level when the zone is vacant.
Fade time	The time over which the vacant light level is reached.
Min. value	(Available when the “Daylight harvesting” and “Keep the light above the minimum value” checkboxes are selected.) The minimum light level to be maintained even if sufficient daylight is available. Set it to Min. of the Low/high-end trim, if that value is higher than 0%.

Central control

Low/high-end trim

Min. — The minimum dimming level that can be reached when the light is on, by auto or manual control (for example, with a wall switch). If the light level is set between 0% and the Min., it adjusts to the Min.

The Min. does not affect OFF commands. The device can still be turned off:

- By pressing OFF on a wall switch.
- By setting the app slider to 0%.
- By auto control in specific scenarios.

Max. — The maximum light level that can be reached by auto or manual control (for example, with a wall switch). If the light level is set between the Max. and 100%, it adjusts to the Max.

Power up behavior

Keep light off	The light remains off.
Restore	The light level and color temperature return to their values before the power failure.
Defined light level	The light turns on at this light level. The color temperature returns to default.

Scene A

Default light level — The light level when scene A is turned on.

Scene B

Default light level — The light level when scene B is turned on.

Zone linking

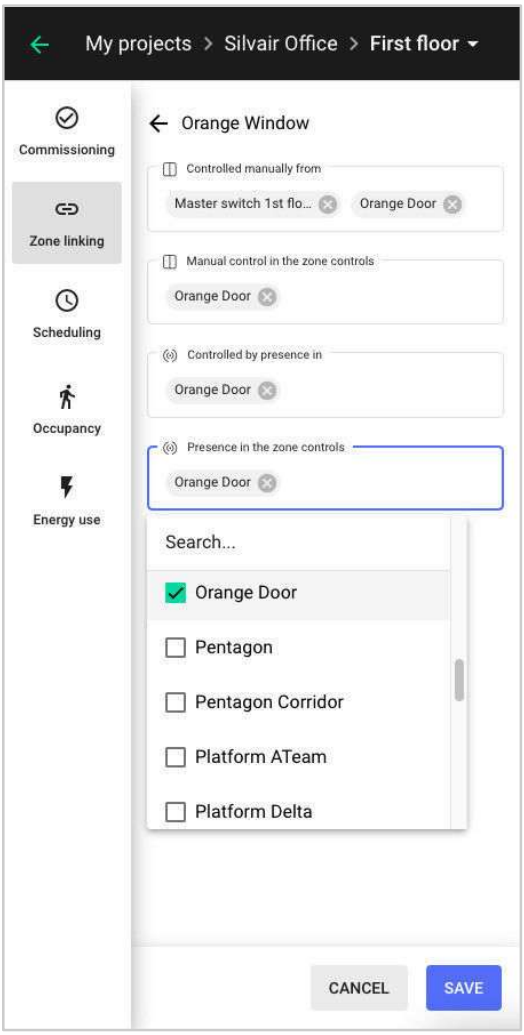
Zone linking allows you to share occupancy and switch control between multiple zones to:

- Control multiple zones with a single wall switch.
- Control multiple zones with a single occupancy sensor.

The examples below show how zones can be linked based on their scenarios.

A → B	**Description**
Occupancy → Vacancy	✔ After turning on the light in B with a companion switch, the light in B will be maintained while occupancy is detected in A.
Occupancy → Occupancy	✔ Occupancy in A turns on the light in B. The light in B will be maintained while occupancy is detected in A.
Vacancy → Occupancy	✔ The light in B will be maintained while occupancy is detected in A.
Vacancy → Vacancy	✔ Using the switch in A turns on the light in B. The light in B is maintained while occupancy is detected in A.
Manual → Manual	✔ Turning on the light in A with a companion switch turns on the light in B.
Manual → Vacancy/Occupancy	✘ The light in B is controlled by occupancy sensors, but A does not use them.
Occupancy/Vacancy → Manual	✘ The light in B is turned on with a companion switch, not by occupancy sensors from A.

Link a zone



1. Open the SylSmart Connected web app.
2. Go to the project and area.
3. Select the zone in one of the following ways:
   a. Right-click the zone and select **Zone linking**.
   b. On the left, click **Zone linking**. Then select the zone from the list or click the zone on the floor plan.
4. Add other zones to the appropriate fields based on the desired zone linking behavior. Refer to the example setup:
   a. **Controlled manually from** (up to 28 zones)

      The *Orange Window* zone is controlled by switches added to the *Orange Door* and *Master switch 1st floor* zones.

   b. **Manual control in the zone controls**

      Switches added to the *Orange Window* zone control the *Orange Window* and *Orange Door* zones.

   c. **Controlled by presence in**

      The light in the *Orange Window* zone is controlled by the occupancy sensors from the *Orange Door* zone.

   d. **Presence in the zone controls**

      Occupancy sensors from the *Orange Window* zone control the *Orange Window* and *Orange Door* zones.
5. Click **Save**.

Scheduling: in-node and gateway-based

Creating an event

SylSmart® Connected web app

1. In the SylSmart® Connected web app, open a project and then an area.
2. On the left, click **Scheduling**.
3. At the bottom, click the **+** icon.
4. Select **Gateway** or **In-node** and click **Next**.
5. In the **Event name** field, enter a name for the event.
6. From the **Scene** list, select the scene that will be recalled. When you move your cursor over a scene in the list, all zones with the corresponding profile will be highlighted in the floor plan.
7. In the **Fade in** field, enter the fade in time.
8. In the **Select days** field, select the days when you want the event to occur.
9. For an in-node event, enter when to trigger the event in the local time.
10. For a gateway event, enter when to trigger the event in the local time or select astronomical schedule:
    - To trigger the event at a specific time, select **Time** and enter the local time.

- To trigger the event before or after sunrise, select **Sunrise**. Then, from the **Offset** list select **Before sunrise** or **After sunrise**. In the **Offset time**, enter the offset value.
- To trigger the event before or after sunset, select **Sunset**. Then, from the **Offset** list select **Before sunset** or **After sunset**. In the **Offset time**, enter the offset value.

The time of sunset and sunrise is based on the geographical location set for the gateway. Th

11. Click **Save**.

SylSmart® Connected mobile app (only for in-node scheduling)

12. In the **SylSmart® Connected mobile app**, go to each area with zones affected by the event and tap **Configure**. The event configuration will then be sent from the cloud to the devices.

Editing an event

SylSmart® Connected web app

1. In the SylSmart® Connected web app, open a project and then an area.
2. On the left, click **Scheduling**.
3. Click the event.
4. Edit the settings.
5. Click **Save**.

SylSmart® Connected mobile app (only for in-node scheduling)

6. In the **SylSmart® Connected mobile app**, go to each area with zones affected by the event and tap **Configure**. The event configuration will then be sent from the cloud to the devices.

Deleting an event

SylSmart® Connected web app

1. In the SylSmart® Connected web app, open a project and then an area.
2. On the left, click **Scheduling**.
3. Click ⋮ on the event and select **Delete.**

SylSmart® Connected mobile app (only for in-node scheduling)

4. In the **SylSmart® Connected mobile app**, go to each area with zones affected by the event and tap **Configure**. The event configuration will then be sent from the cloud to the devices.

Manual time sync (for iOS/iPadOS)

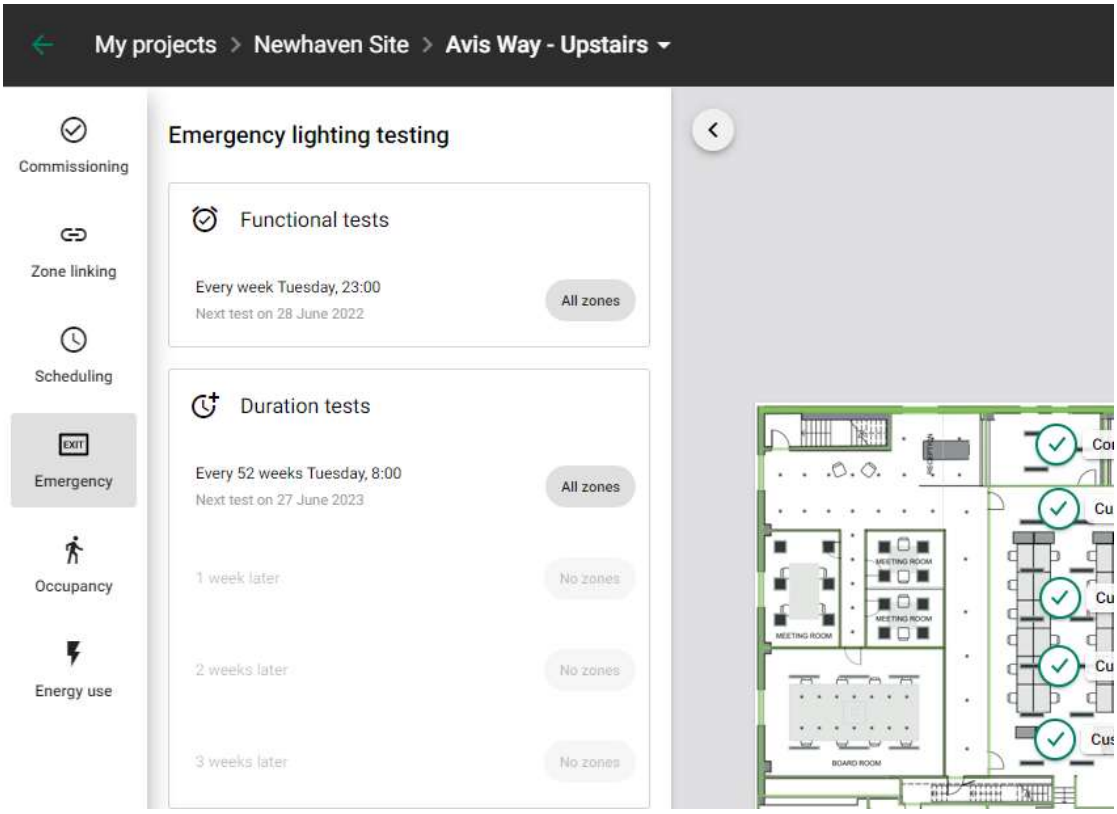
To ensure accurate in-node scheduling (INS) if there is no source of time in the network, the SylSmart® Connected mobile app for iOS/iPadOS may be used to sync the time between the mobile device and the mesh network. Time can be synced when power is restored after an outage or periodically to minimize the difference between the actual time and the mesh network time.For more information about scheduling, see *SN-201 Scheduling* and *SN-202 Optimizing mesh network performance*.

Emergency lighting testing (ELT)

The Emergency tab in the **SylSmart® Connected web app** allows you to define schedules for testing emergency luminaires.

Two types of tests can be scheduled: functional and duration.

Type	Interval	Description
Functional	Every 1–52 weeks	A short test. It checks the integrity of the circuits and the correct operation of the luminaire, switching device, and backup battery. This test is performed at the same time in all zones.
Duration	Every 4–52 weeks	A long test. It checks if the backup battery provides power for the required duration of emergency operation. A duration test should be performed separately for at least two zone groups to avoid testing luminaires in adjacent zones at the same time. You can create up to four zone groups and configure the test to start in each group one week apart.



Tests are performed automatically by emergency luminaires but can also be started manually for each luminaire using the **SylSmart® Connected mobile app for iOS/iPadOS**.

For core emergency lighting testing (ELT), you must collect test results manually on-site using the **SylSmart® Connected mobile app for iOS/iPadOS**. The results are then sent to the cloud. If a gateway has been added to the project and ELT with remote monitoring (optional) is enabled for that project, test results are collected automatically from all configured emergency luminaires every day.

ELT Operation

The SylSmart® Connected Emergency lighting testing (ELT) solution is performed automatically by each device according to a schedule defined by the user in the SylSmart® Connected web app. Tests can also be started manually for a specific device using the SylSmart® Connected mobile app for iOS/iPadOS.

1. **Core Emergency Light Testing (ELT)**
   You will need to use the SylSmart® Connected mobile app (for iOS/iPadOS) to collect test results directly from all emergency devices on-site. These results are then securely sent to the cloud, where you can view them in the SylSmart® Connected web app and save them as a PDF.
   This solution helps you:
   - On site collection of test results and generate ELT compliance reports.
   - Reports securely stored for easy access during inspections.
   - Offer on-demand visualization via the SylSmart® Connected web app, including saving of and printing of reports.

2. **Emergency Light Testing (ELT) with Remote Monitoring (optional with Gateway required)**
   Test results are collected automatically from all configured emergency luminaires every day. Compliance reports are then generated.
   To implement this solution, please note the following:
   - You'll need to install a **gateway (GW)**. Each gateway can support between 150 and 200 individual devices including none-ELT luminaires.
   - All emergency devices you wish to monitor must be able to communicate with the gateway via **Bluetooth**. This requires either an ELT enabled sensor or an ELT test device, such as the B NLC DALI ELT CONV.

   With this Remote Monitoring solution, you will have the following options available:
   - Test results from all configured emergency devices are automatically collected by our cloud service every day at midnight. A report is generated daily, providing a clear overview.
   - Historical reports are stored in the SylSmart® Connected web app for the duration of your service subscription. (For more details, please contact your Account Manager.)
   - You can easily access and print reports from any day by logging into the SylSmart® Connected web application.

Requirements for Emergency Lighting Testing:

For all projects:

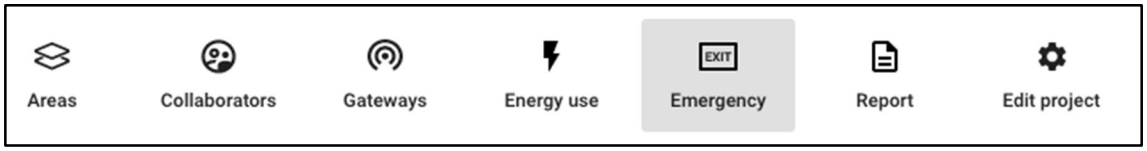
- The lighting project must be commissioned using **SylSmart® Connected Commissioning tools**.
- All luminaires in the project must support **ELT**[1].
- The project version needs to be **202201 or later**.
- All areas within the project must be within **radio range** and able to communicate with each other.
- You or a collaborator with project access must be **on-site** to collect the **Core ELT** test results.
- You'll need the **SylSmart® Connected app** installed on an **iOS/iPadOS mobile device**.

For ELT with Remote Monitoring:

- **ELT with Remote Monitoring** must be **enabled** for the project.
- A **gateway** needs to be installed in the project.
- You or a collaborator with project access must be able tp collect the test results from the SylSmart® Connected web app.
- All emergency luminaires must have successfully completed **both a functional test and a duration test**.

1 A dual-chip (UART) bridge with firmware 2.21 or later connected to DT1 DALI driver, and a single-chip (DALI) device based on the nRF52840 chip with SylSmart Connected firmware version 2.31 or later, also connected to a DT1 DALI driver.

To view the collected results, open the **SylSmart® Connected web app** and go to **Project > Emergency**.



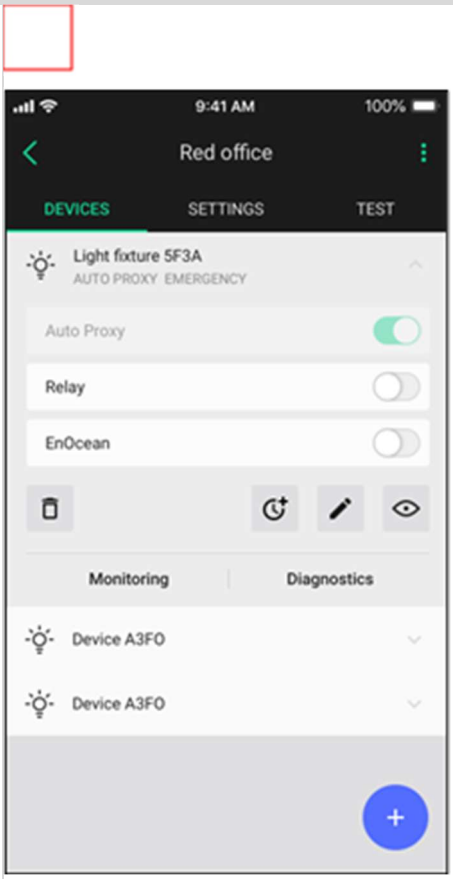
For core ELT, only the latest test report is available, showing the most recent result for each test type and device. For ELT with remote monitoring, both the latest and historical test reports are available, showing recent and past test results for each test type and device.

For details, see *SN-214 SylSmart® Connected Emergency lighting testing*.

Starting the test manually (for iOS/iPadOS)

SylSmart® Connected mobile app for iOS/iPadOS

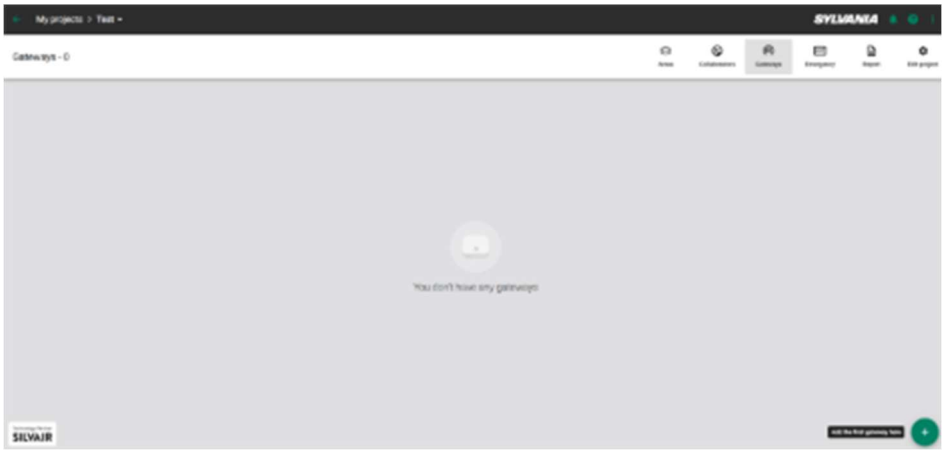
1. In the **SylSmart® Connected mobile app for iOS/iPadOS**, open your project, area, and zone.
2. On the **Devices** tab, tap the emergency luminaire.
3. Tap .
4. Select a type of test you want to perform and tap **Start test**.



If the test cannot be started or is in progress, a message will appear.

Adding a gateway (ONLY for ELT with Remote Monitoring)

1. Make sure that the gateway status LED is solid green.
2. In the SylSmart® Connected web app, open the project and click Gateways.



3. Click + to add a gateway.
   If asked, enter the latitude and longitude of your project.

   To find the latitude and longitude, use Google Maps or OpenStreetMap.

   Enter the values with at least two decimal places.

5. Enter the serial number (S/N) of the gateway.

   Find the serial number on the back of the gateway.

6. Enter the serial number (S/N) of the gateway. Find the serial number on the back of the gateway.

7. Select one or more areas to be monitored.

Syncing the time in the mesh network (for iOS/iPadOS)

If the power is restored after a power outage and there is no time source in the network, tests will be performed according to the user-defined intervals, but not at the correct time. To make sure that tests are performed at the correct time, sync the time as follows:

SylSmart® Connected mobile app (for iOS/iPadOS)

1. Open the **SylSmart® Connected mobile app** for iOS/iPadOS.
2. In the project field, tap ⋮ and select **Time sync**.
3. Tap **Sync time** to sync the time between the mobile device and the mesh network.

   Tests will then be performed to the correct time.

   We recommend having at least one timekeeping device with a fully charged battery and a real-time clock (RTC) in the mesh network. During a power outage, this battery will act as the time source in the network. The RTC will keep the time drift to a minimum to make sure that the scheduling is accurate.

   You can also use the mobile app periodically to sync the time between the mobile device and the mesh network to keep the time drift to a minimum.

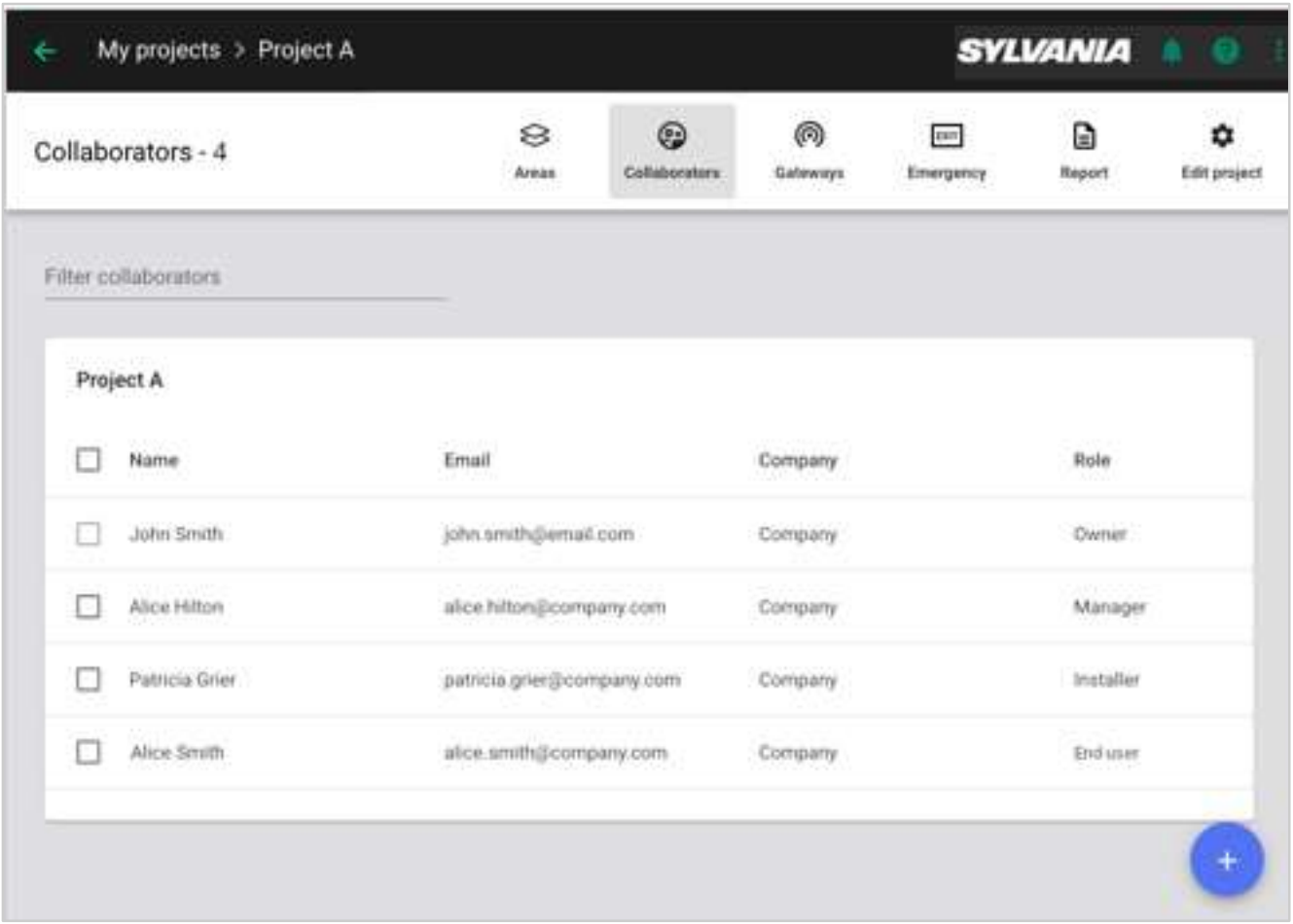
For more information, including Device State and Test state, please see *SN-214 Emergency lighting testing application note*.

Add and manage project collaborators

To speed up the work, you can add others to the project so they can participate in commissioning.

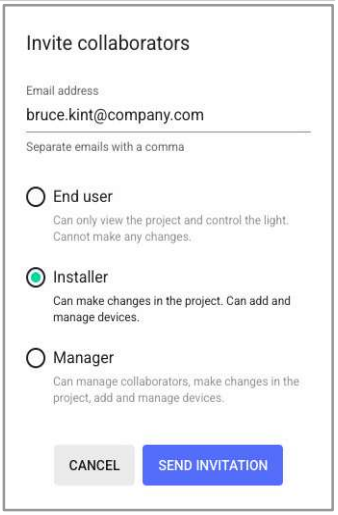
1. Open the project and click **Collaborators**. This option is available only to the project owner and managers.
2. Click **+** and enter the email addresses of the collaborators you want to add.

> By default, the user who creates a project becomes its owner. Other users can initially be assigned the role of manager, installer, or end user. For details on user roles, see User roles in the project.



3. Select the role for the collaborators and click **Send invitation**. They will be added to the project with a set of rights that depend on their role.

> Collaborators will receive an email with a link to the project. To access the project, they must have a registered SylSmart Connected account. Users who do not have an account are labeled *Pending invitation* in the list of collaborators.



User roles in the project

Owner – assigned to the creator of the project. The owner can transfer ownership to a collaborator who has already been added to the project and has a registered SylSmart Connected account.
Manager / Installer / End user – assigned by the owner or a manager when they add a user as a collaborator.

	Owner	Manager	Installer	End user
Can be more than one in the project	✗	✓	✓	✓
Can leave the project	✗*	✓	✓	✓
Can view the project	✓	✓	✓	✓
Can control devices	✓	✓	✓	✓
Can add and remove devices	✓	✓	✓	✗
Can update the firmware of devices	✓	✓	✓	✗
Can make changes to the project	✓	✓	✓	✗
Can update the project to the latest version	✓	✓	✓	✗
Can add collaborators, remove them, and change their roles	✓	✓	✗	✗
Can delete the project	✓	✗	✗	✗

* The owner cannot leave the project, but can transfer ownership to a collaborator and thus become a manager, and then leave.

Change user role or transfer ownership

1. Open the project and click **Collaborators**. This option is available only to the project owner and managers.
2. Next to the collaborator's name, click ⋮ > **Change role**. If you are the owner and the selected collaborator has a registered SylSmart Connected account, you can transfer ownership to that collaborator.

   a. To change a role: Select **End user**, **Installer**, or **Manager** and click **Save**.
   b. To transfer ownership: Select **Owner** and click **Transfer**. The user will receive an email informing them that ownership has been transferred.

Revoke access to the project

1. Open the project and click **Collaborators**. This option is available only to the project owner and managers.
2. Select the checkboxes next to collaborators' names.

3. Click **Revoke access**. The selected users will be removed from the project and lose access to it.
4. Click **Revoke** to confirm.

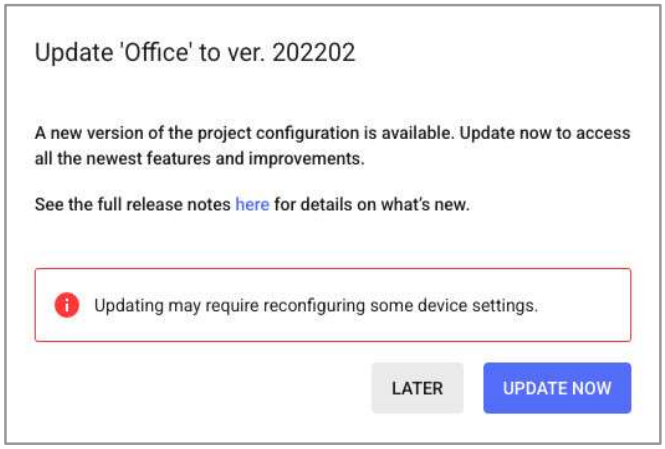
Supporting previous project versions

New versions of the SylSmart Connected web app add features and improvements but may require on-site reconfiguration or may not be compatible with your devices. You can update a project when it suits your schedule or continue using the earlier version without reconfiguring the whole project.

Zones that include devices that are not compatible with the project version are marked with alerts, and conflicting devices are highlighted in the device list.

Updating the project to the latest version

1. Go to **My projects**.
2. In the project field, click ⋮ > **Update**.
3. To see the release notes, click the provided link.



Title bar navigation

When you are in a project, click ▾ in the title bar to navigate to a different project or to create a new project.

When you are in an area, click ▾ in the title bar to navigate to a different area or to create a new area.

When you are in a control profile, click ▾ in the title bar to navigate to a different control profile.

To go up one level, click ←.

To view notifications about new releases, click 🔔.

To learn about the latest features and improvements, click ? > **Release notes**.

To get access to the user manual, quick start guides, and application notes, click ? > **Help center**.

To log out, click ⋮ > **Logout**.

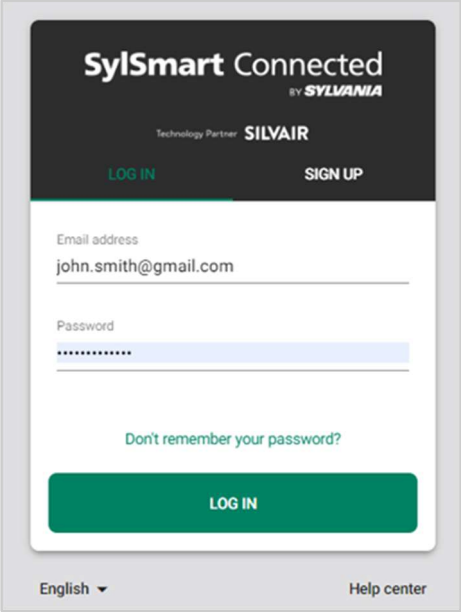
3. Commissioning on-site

Commissioning of the devices installed on site can be done with the SylSmart® Connected mobile app for iOS, iPadOS, or Android. The mobile app syncs with the web app, so changes made during commissioning are visible in both apps in real time. The SylSmart Connected mobile app supports English, German, French, Spanish, Finnish, Korean, simplified Chinese, and traditional Chinese. The app language is determined by the language settings of the mobile device.

ⓘ While the app is in use, it disables the automatic screen lock on the device. This allows an undisturbed commissioning process.

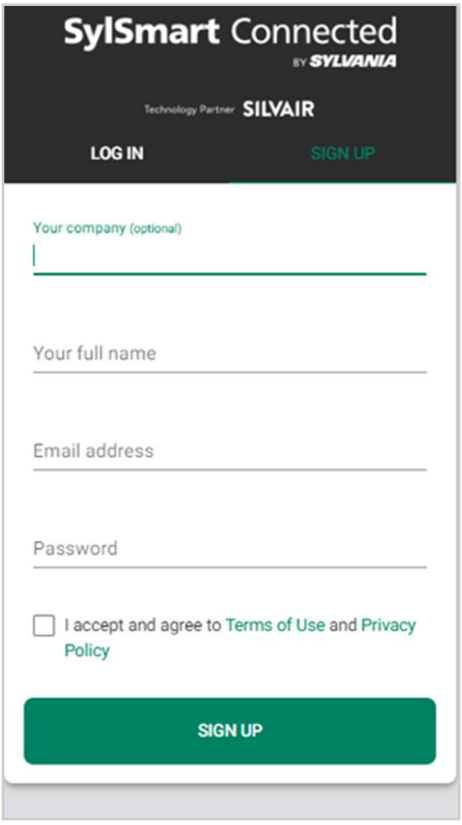
Log in or create an account

Logging in:
Open the SylSmart Connected mobile app. On the **Log in** tab, enter your registration email address and password, and click **Log in**.



If you forget your password or cannot log in because your account was locked after failed login attempts, use the **Forgot your password** link **in the SylSmart Connected mobile app for iOS/iPadOS** to request password change.

Creating an account:
Open the SylSmart Connected mobile app and go to the **Sign up** tab. Enter your details, accept the terms of use and the privacy policy, and click **Sign up**.



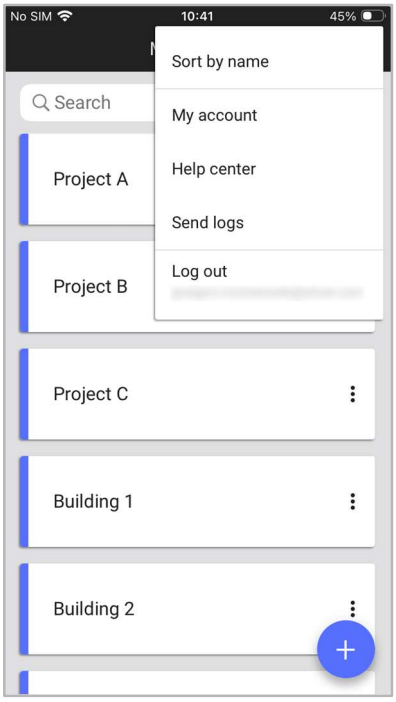
A verification email will be sent to the email address you entered. Open the email and click **Confirm**[5]. After you confirm your email address, you can log in.

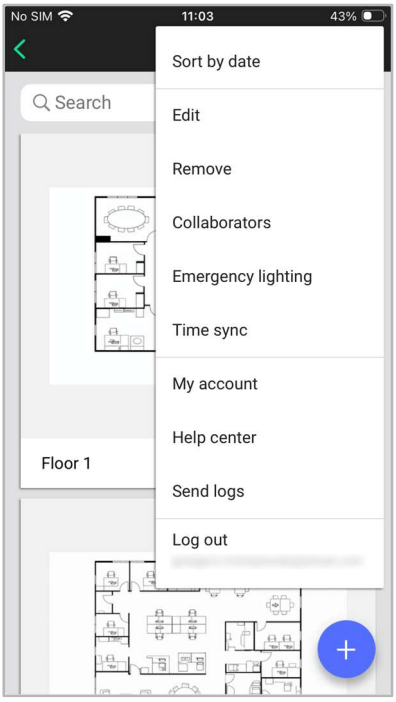
[5] Clicking **Confirm** will open the SylSmart Connected web app in your web browser.

Select a project and area

1. After login, a list of projects appears for which you are the owner or a collaborator.
2. Tap the project, and then tap the area to which you want to add devices.

> In the **SylSmart Connected mobile app for iOS/iPadOS**, you can search for projects and areas. You can also tap ⋮ and choose to sort them by name or date.





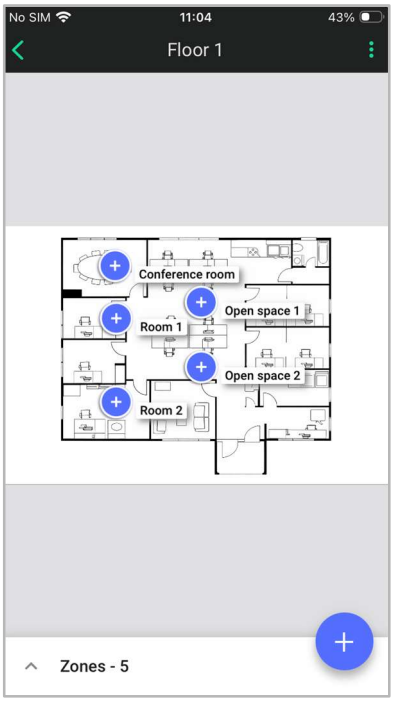
Select a zone

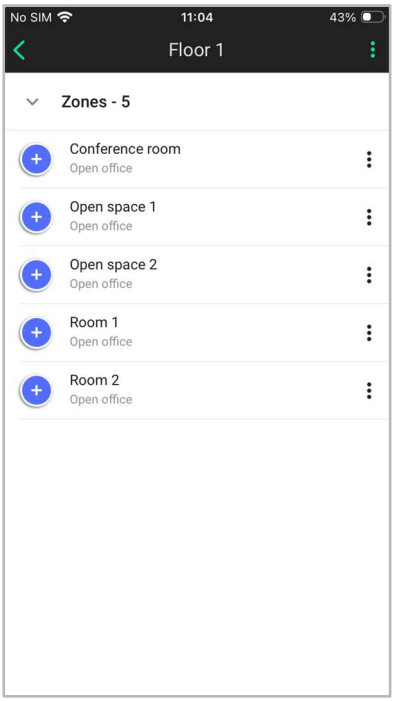
1. After you select an area, a floor or site plan appears, showing a map of the existing zones and their status.

> Use two fingers to zoom in and out.

> Tap ^ and v to switch between the zone map and the zone list.

2. Tap the zone to which you want to add devices.





Add devices

1. After you select an area and then a zone, the **Devices** tab appears.
2. Move as close as possible to the devices you want to add.

   Always move to the area before adding devices to any zone within it.[6]

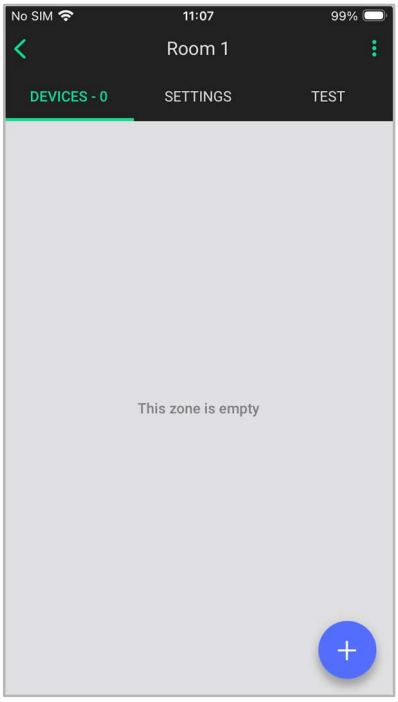
3. Tap **+**.

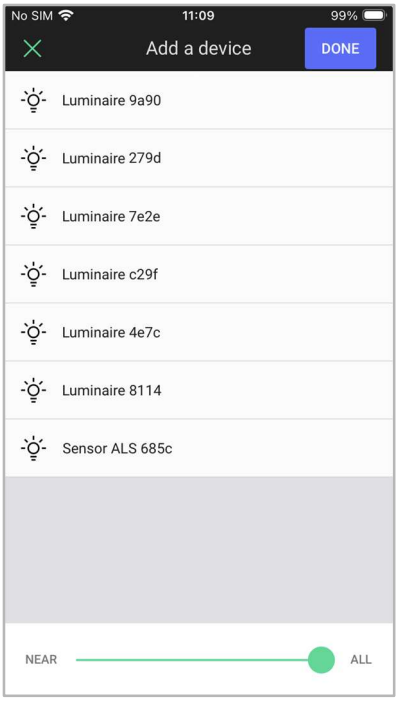
   A list of devices will appear.

   To see only the nearest devices, move the slider to the left.

   If the device you want to add does not appear, it may have been added to a different zone or project, or it could be damaged. If it runs firmware version 2.30 or later, power it off and then on again.[7]

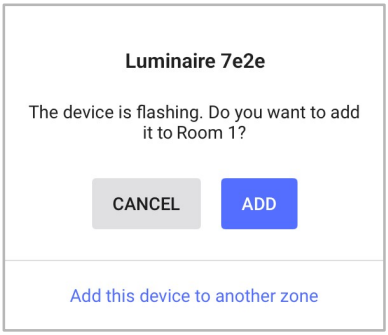
   To hide a device in the **Add a device** view in the SylSmart Connected mobile app for iOS/iPadOS, swipe left on the device. To show the hidden devices again, pull down on the list to refresh it.

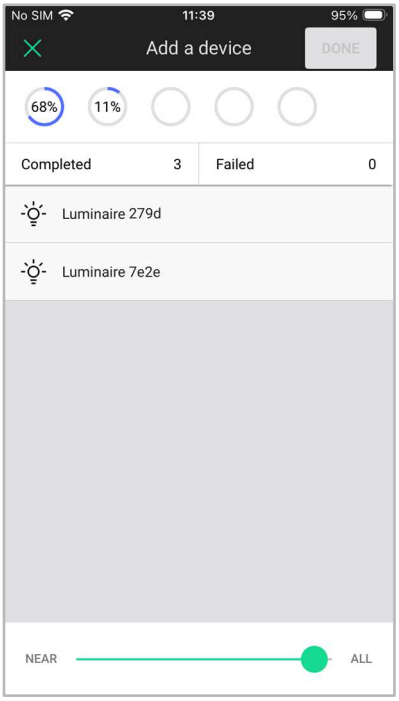




4. Tap a device to add it to the zone.
   The device will identify itself by flashing.
5. If this is the correct device, tap **Add**.
   The device will be configured in the background.[8]

   To add this device to a different zone, in the SylSmart Connected mobile app for iOS/iPadOS, tap **Add this device to another zone**, and then tap the correct zone on the floor or site plan.





6. Add the remaining devices to the zone.

   If you use the SylSmart Connected mobile app for iOS/iPadOS, you can start adding other devices immediately. Up to five devices can be configured at the same time.

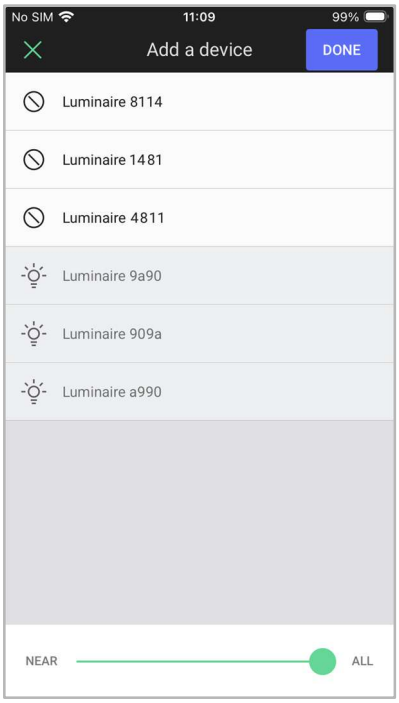
7. Tap **Done**.

Please Note: Before adding devices to an existing project, the app may require you to be within range of previously added devices. If you ignore this requirement, communication issues can occur, and the devices may not operate as expected.

Inactive devices

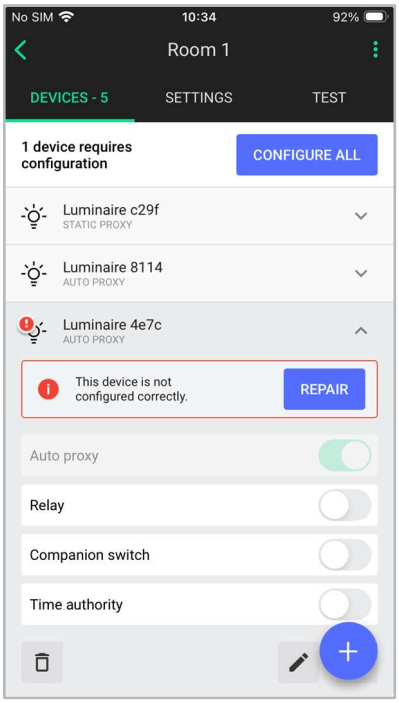
Devices are inactive and cannot be added in two cases:

Problem	Cause	Solution
Icon ⃠ appears next to a device name.	The device is not activated.	Contact support to check the device activation.
A device is grayed out in the list.	The device is out of range.	Move closer to the device and pull down on the list to refresh it.



Configure all devices in a zone

1. After you select an area and then a zone, the **Devices** tab appears.
2. To configure a device:
   a. (iOS/iPadOS) Tap this device and tap **Repair**.
   b. (Android) Tap ⋮ to open the device context menu, and tap **Configure.**
3. To configure all devices in a zone, tap **Configure all**.



Devices will need to be configured manually in these cases:

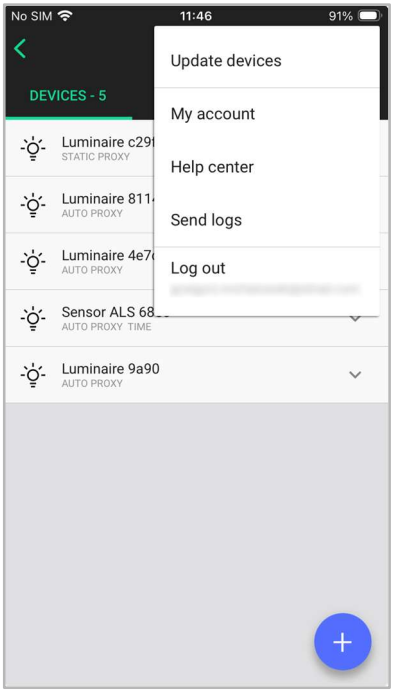
- Adding devices was interrupted.
  - An internet connection error occurred.
  - The mobile device powered off.
  - Adding devices was cancelled during configuration.
- The zone profile was changed or edited.
- Zone linking was added or edited.
- A device that acts as the time authority was removed, or a different device was manually set as the time authority.

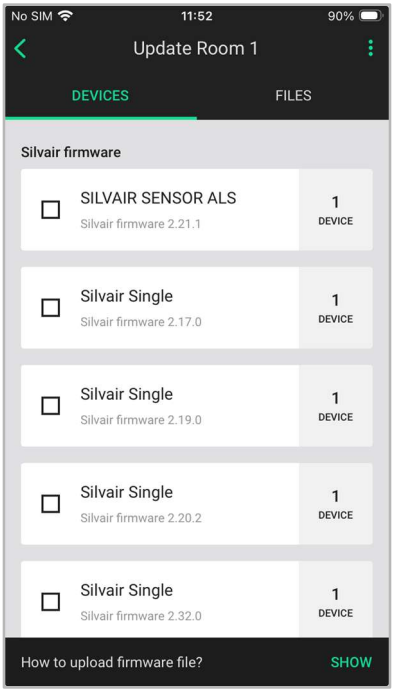
[7] Firmware version 2.30 introduced a time limit for adding devices. After this time limit has expired, the device must be powered off and then on again before it can be added.
[8] Closing the **Add a device** view during configuration will require reconfiguring the zone.

Update devices (for iOS/iPadOS)

To be able to update devices, their manufacturer must first contact SylSmart Support to request over-the-air update (OTAU) activation for the device line.

1. Select an area and then a zone.
2. On the **Devices** tab, tap ⋮ > **Update devices**.
3. Select the firmware versions to update.
4. Click **Next**.
5. Keep your mobile device within range (15 m / 50 ft) of the devices to be updated.
6. Tap **Update devices**.





> The update for devices with SylSmart Connected firmware is automatic. For details about OTAU, including the update for devices with external (non-SylSmart Connected) firmware, see *SN-208 OTA firmware update for provisioned devices*.

> During the update devices may flash and their light level may be different from the normal level.

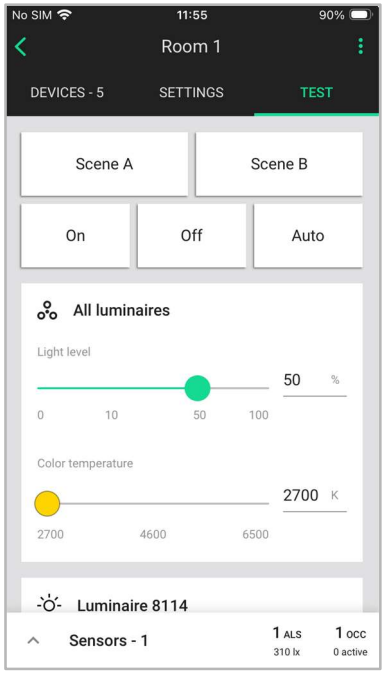
Identify faulty luminaires in a zone

1. Select an area and then a zone.
2. Go to the **Test** tab.
3. (iOS/iPadOS) Tap ⁂.

> If the luminaires operate correctly, they will identify themselves by flashing. The faulty luminaires will not flash.

4. (Android or iOS/iPadOS) Set the **Light level** slider below **All luminaires** to 100%

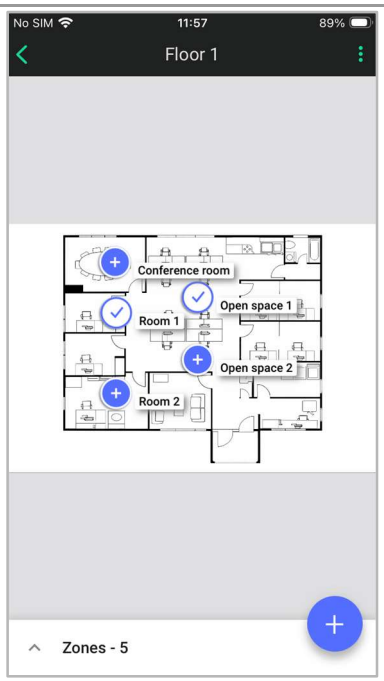
> If the luminaires operate correctly, they will change their light level. The faulty luminaires will not respond.

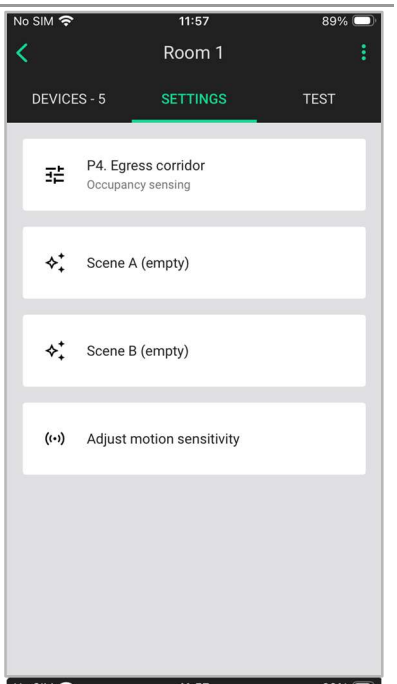


Edit a profile (for iOS/iPadOS)

The zone profile can be edited only if devices are added to the zone.

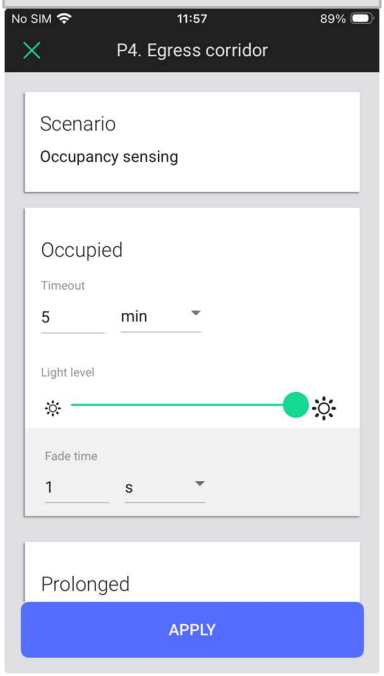
1. Select an area.
2. Tap a zone that uses the profile you want to edit.





> Profiles with these scenarios can be edited in the mobile app:
> - Manual control
> - Occupancy sensing
> - Occupancy sensing with daylight harvesting
> - Vacancy sensing
> - Vacancy sensing with daylight harvesting
> - Central control

3. Go to the **Settings** tab.
4. Tap the name of the profile.
5. Change the values of the settings.



> You can edit the following scenario settings in the mobile app:
> - Light level
> - Timeout
> - Fade time
> - Low/high-end trim
> - Manual override timeout

> The available settings depend on the selected scenario, so only some settings may be available.

6. Tap **Apply**.

> A local custom profile will be created only for that zone. It will not affect other zones that use the original profile.

Change the colour temperature

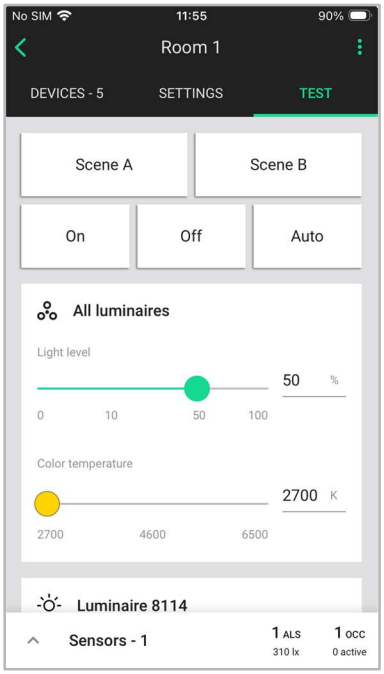
Correlated color temperature (CCT) can be controlled using the tunable white feature to achieve lighting conditions that are closer to natural light. CCT is independent from the light level, so changing it does not interfere with daylight harvesting, the selected scene, or manual dimming.

The tunable white feature requires:

- luminaires that support tunable white
- Bluetooth mesh devices (fixture controllers or drivers) that support tunable white
- firmware version 2.15.0 or later on these devices, with support for the Bluetooth SIG mesh model Light CTL Temperature

Using the mobile app

1. Open the SylSmart Connected mobile app for iOS/iPadOS (version 1.19 or later).
2. Select the project, area, and zone.
3. Go to the **Test** tab.



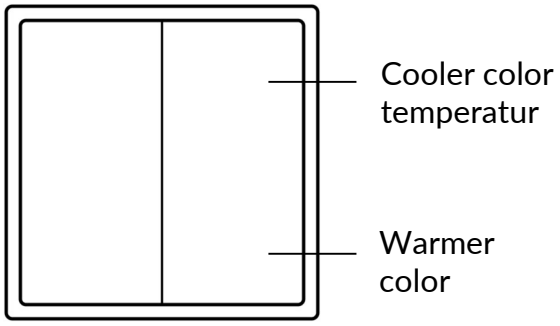
4. Use the colour temperature slider or enter a value. This will change the color temperature of luminaires that support tunable white in the zone.

> The supported color temperature range is from 2700 to 6500 K. The default color temperature is 4000 K.

> After you set a color temperature, it will be used for all manual and auto modes.

Using the companion switch

1. Assign a companion switch to a device in the zone.
2. Press and hold the right button of the switch:



> After you set a color temperature, it will be used for all manual and auto modes.

Calibrate daylight harvesting

Each zone that uses a profile with a daylight harvesting scenario must be calibrated to operate correctly. For details about daylight harvesting, see *SN-209 SylSmart Connected Daylight Harvesting*.

1. Go to the site and then go to a zone with a daylight harvesting scenario.

SylSmart Connected mobile app

2. In the **SylSmart Connected mobile app**, go to the project, area, and zone.
3. Add devices to the zone, including an ambient light sensor.

   If there is a warning on the **Devices** tab, tap **Configure all**.

4. On the **Devices** tab, tap **Calibrate**.
5. Select the correct sensor for the zone. To find the sensor, tap next to the sensor name to make sure that the correct sensor flashes.
6. Put a light meter vertically below the sensor on the surface where you want to maintain the required light level.
7. Read the value shown on the light meter in lux (lx) and enter it into the **Measured light level** field. Make sure that it is at least the minimum shown below the field.

   For best performance, calibrate when the measured light level is close to the level set in the profile selected for this zone.

   Follow the “Calibration recommendations” section from *SN-209 SylSmart Connected Daylight Harvesting* to make sure that daylight harvesting will work correctly.

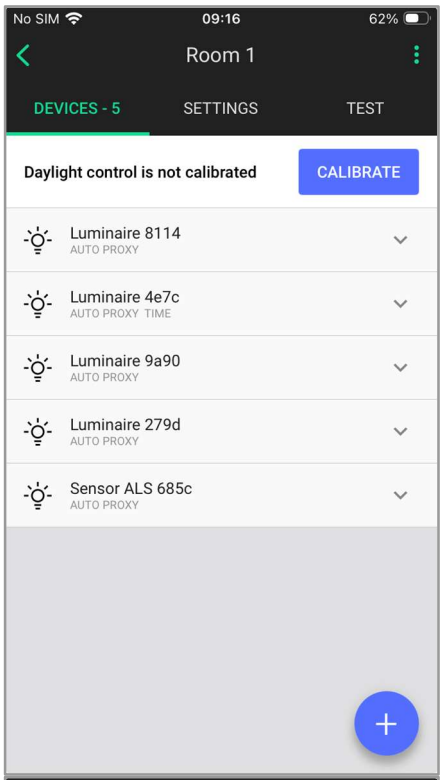
   If the required minimum light level cannot be achieved, for example because you must calibrate at night, follow the “Calibrating in bad conditions” section from *SN-209 SylSmart Connected Daylight Harvesting*.

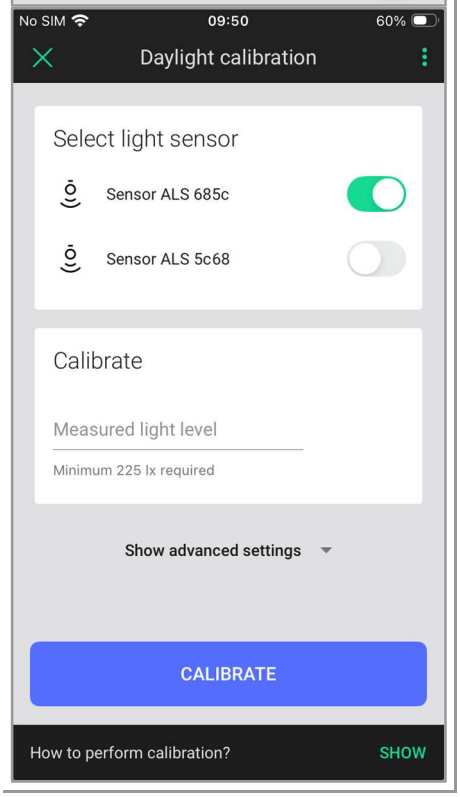
8. Tap **Done > Calibrate** (iOS/iPadOS) or **Calibrate** (Android).

   After calibration is completed, the calibrated zone goes to auto mode. All other linked zones go to their occupied light level.

   If you select a different sensor or replace the sensor, you must calibrate again.

9. Repeat steps 3–8 for each daylight harvesting zone.
10. Once a year, check if walls, furniture, or window coverings have changed in a way that affects light distribution. If they changed, repeat steps 4–9 to calibrate each daylight harvesting zone again.





Calibrate the photocell

Each zone that uses a profile with the *Photocell* scenario must be calibrated to operate correctly. For details about a photocell, see *SN-215 Photocell*.

1. Go to the site and then go to a zone with the *Photocell* scenario.

SylSmart Connected mobile app

2. In the **SylSmart Connected mobile app**, go to the project, area, and zone.
3. Add devices to the zone, including an ambient light sensor.

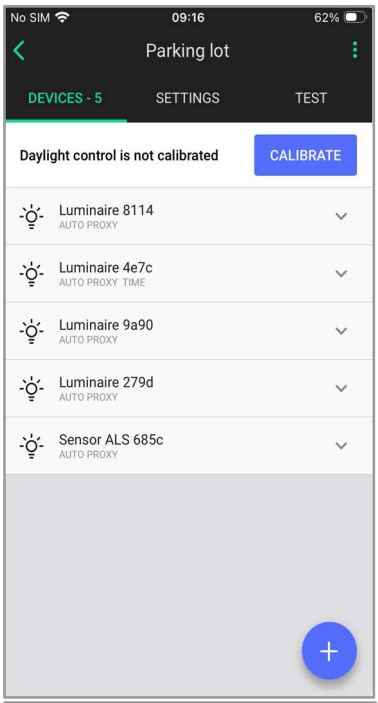
   If there is a warning on the **Devices** tab, tap **Configure all**.

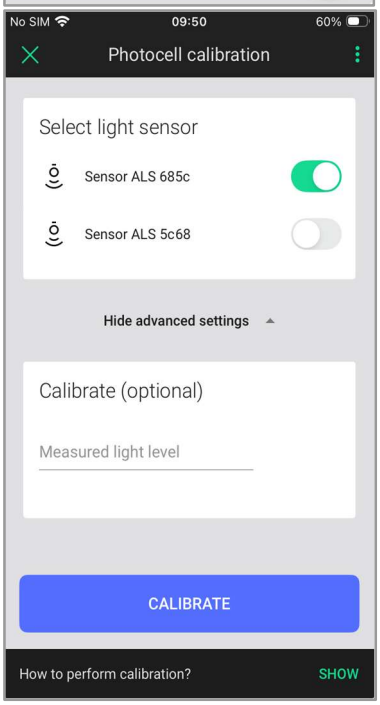
4. On the **Devices** tab, tap **Calibrate**.
5. Select the correct sensor for the zone. To find the sensor, tap next to the sensor name to make sure that the correct sensor flashes.
6. Calibrate the zone:
   a. If you want to use different profiles for each zone, tap **Calibrate**.
   b. If you want to calibrate each zone with a light meter and use the same profile for all photocell zones:
      i. Tap **Show advanced settings**.
      ii. Put the light meter vertically below the selected sensor.
      iii. Read the value shown on the light meter in lux (lx) and enter it into the **Measured light level** field.
      iv. Tap **Calibrate**.

   After the calibration is completed, the calibrated zone goes to auto mode. All other linked zones go to their occupied light level.

   If you change or replace the sensor, you must calibrate again.

7. Repeat steps 3–6 for each photocell zone.





SylSmart Connected web app
(Only when using a different profile for each photocell zone)

8. For each photocell zone, monitor the behavior of the light control at dawn and dusk. If the light turns on or off too early or too late, go to the **SylSmart Connected web app** and adjust the profile for the zone:
   a. If the light turns on too early, decrease “Night starts below”.
   b. If the light turns on too late, increase “Night starts below”.
   c. If the light turns off too early, decrease “Day starts below”.
   d. If the light turns off too late, increase “Day starts below”.

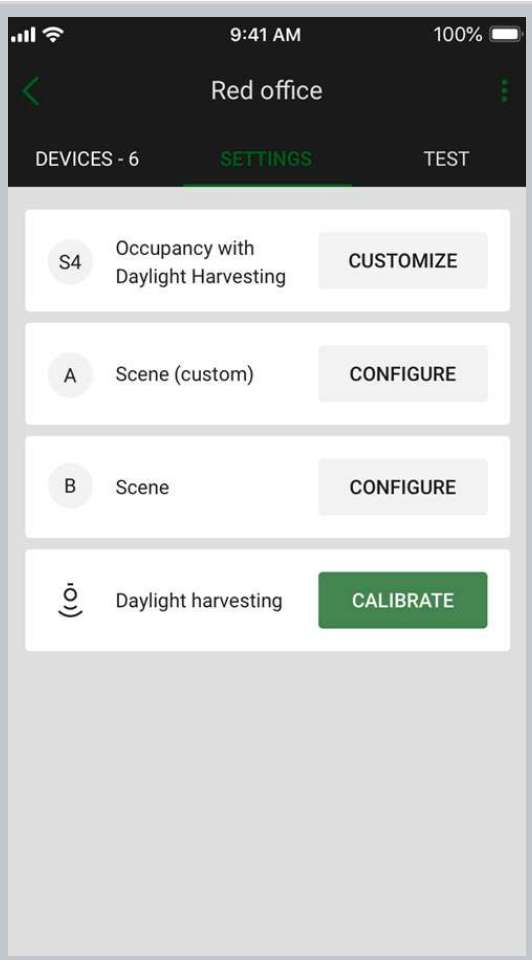
SylSmart Connected mobile app

9. In the **SylSmart Connected mobile app**, go to the project and area, and click **Configure**.

Scenes A and B setup (for iOS/iPadOS)

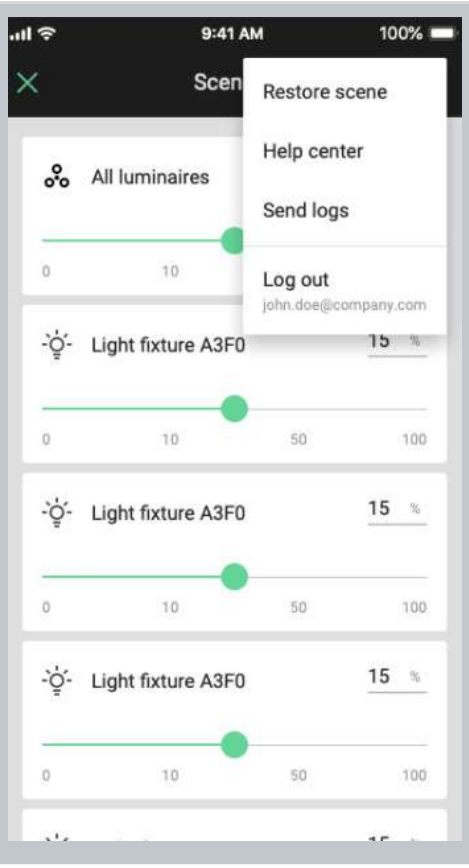
The SylSmart® Connected mobile app for iOS/iPadOS allows two scenes to be created per zone. Scenes can be activated with a wall switch (see Companion switch operation with the *Manual control* and occupancy/vacancy sensing scenarios).

- In the web app you can predefine scene level for scenes A and B. If the predefined settings are set up, the devices are configured using those settings while being added/reconfigured.
- If the predefined settings are not set up, you can enter scene A and B settings view in the mobile app and customize the scene in the particular zone.
- Each of the two scenes **for a zone** can have different parameters.



- In the SylSmart® Connected mobile app for iOS/iPadOS, open the **SETTINGS** tab.
- Tap "CONFIGURE" to select the scene that you want to configure.
- Labels in the settings view show if the scene is customized in this zone
    - No label - the scene has been predefined in the profile with the web app but hasn't been customized with the mobile app
    - Empty - the scene hasn't been predefined nor customized
    - Custom - the scene was customized with the mobile app.

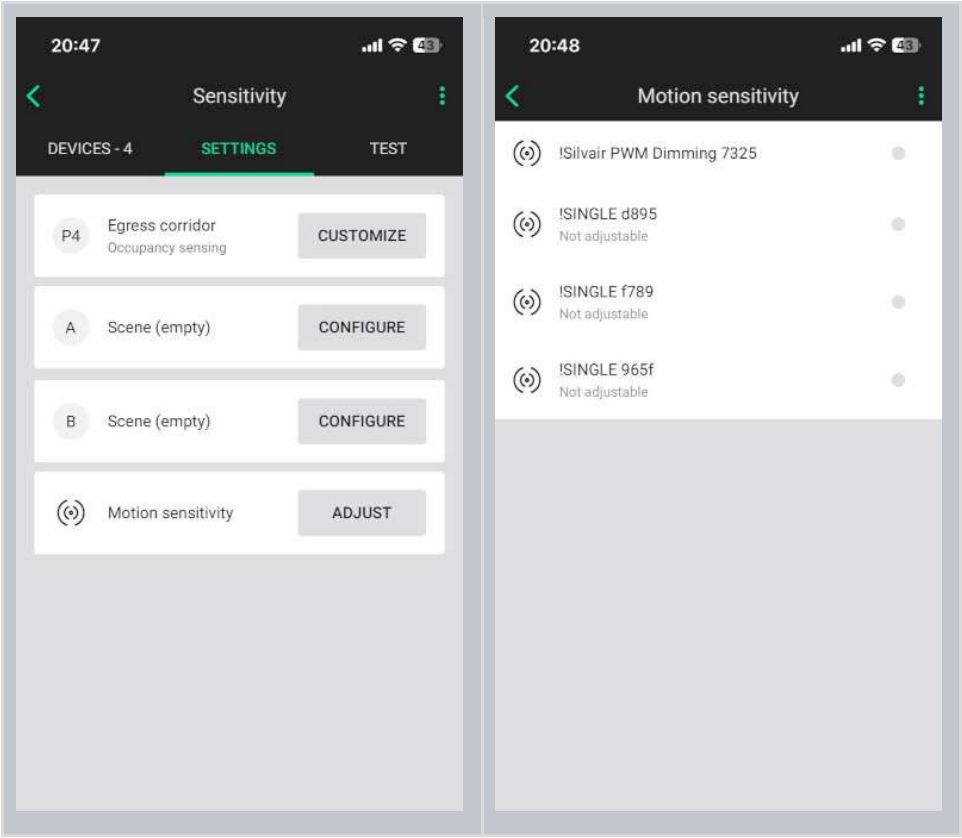
NOTE: Configuring scenes requires that all devices have been added to the zone and are configured correctly (i.e. there are no zone alerts or warnings).



- Adjust the light level for individual luminaires to reflect the desired scene configuration.
- Tap on the device icon, to identify the luminaire. The luminaire will start to flash.
- Tap **Apply custom settings** to save the scene.
- If the scene was customized (has a custom label), in the context menu there is an option: **Restore scene**, which removes scene settings, or **Remove scene** if the scene was not predefined in the profile.

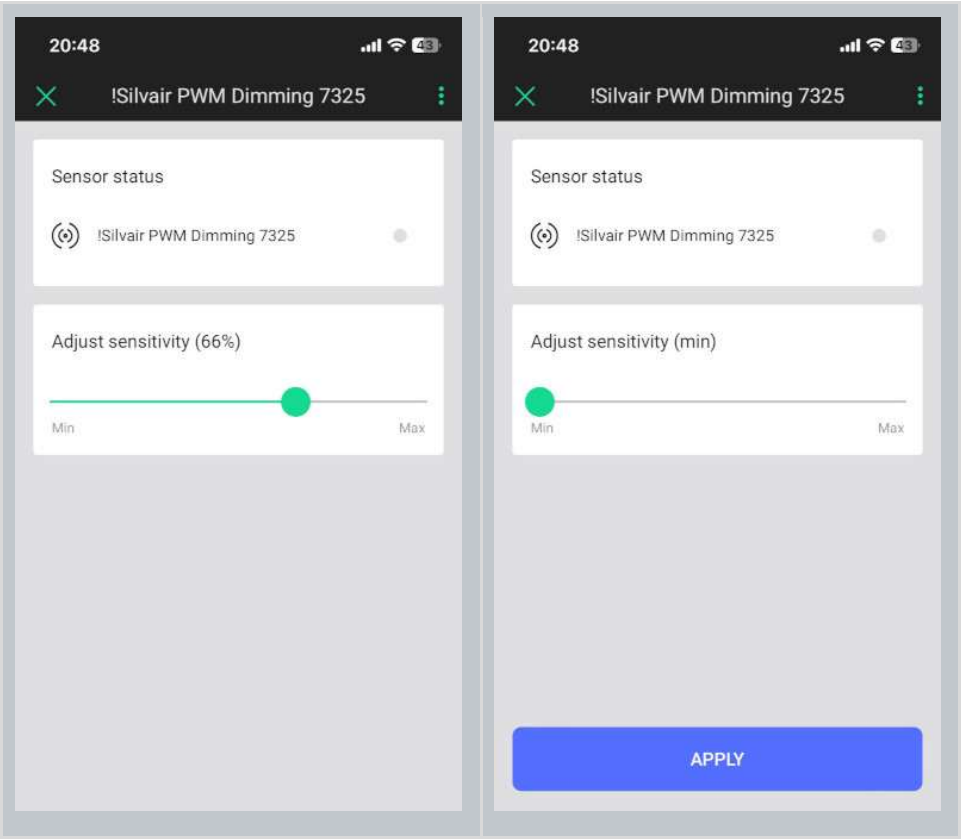
Motion sensitivity adjustment

The SylSmart® Connected mobile app allows you to adjust the sensitivity of sensors that support this feature.



- In the SylSmart® Connected mobile app, open the **SETTINGS** tab.
- (iOS/iPadOS) Tap “ADJUST”.
- (Android) Tap “Motion sensitivity”.
- Tap the sensor whose sensitivity you want to adjust.

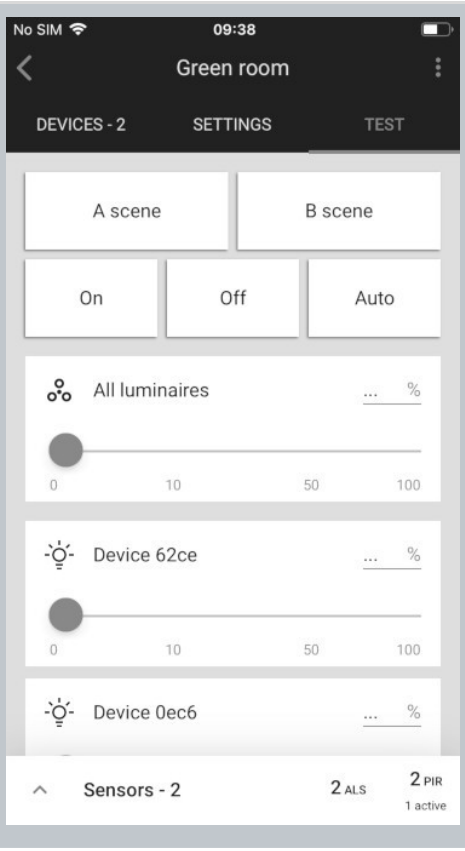
NOTE: Sensors with a ‘Not adjustable’ label do not support sensitivity adjustment.



- Set the slider to a new sensitivity value.
- Tap “APPLY”.

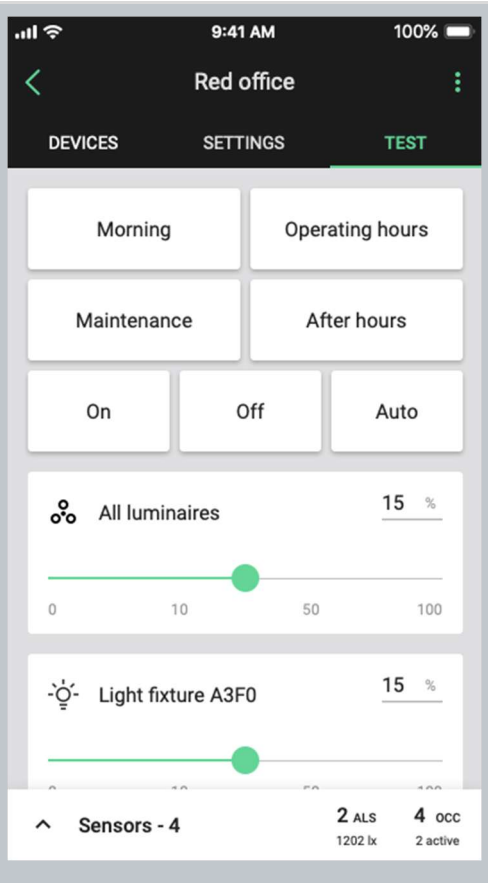
Test your zone

Testing allows you to test if the light control is working correctly, i.e. can the luminaires be switched on to the maximum level, switched off, dimmed, and the scenes are configured as desired.



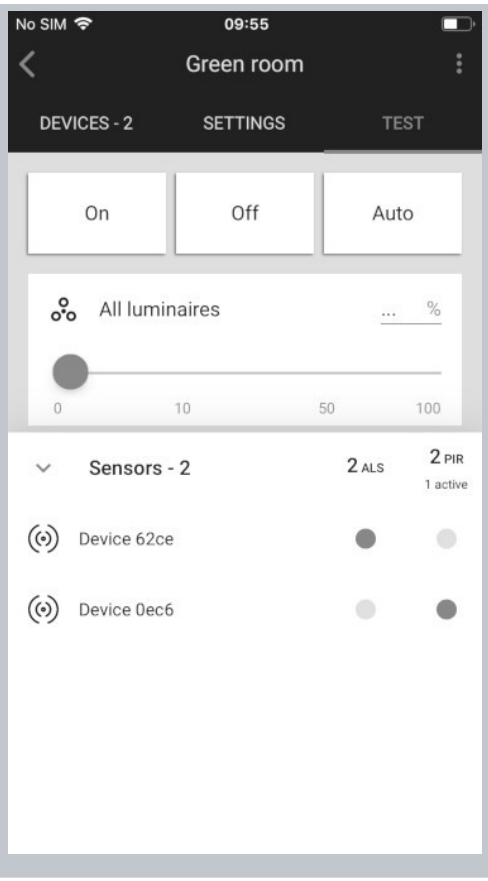
- Open the **TEST** tab.
- Choose the test:
  A scene: luminaires will go to the light level defined in scene A.
  B scene: luminaires will go to the light level defined in scene B.
  On (iOS/iPadOS only): all luminaires go to 100.
  Off: all luminaires switch off.
  Auto: turns on the automatic settings for luminaires.
- The luminaries will react immediately.

HINT: In the SylSmart® Connected mobile app for iOS/iPadOS, you can check which devices are added to your zone. Press next to “**All luminaires**”. All devices from the zone will immediately start flashing.



- For a zone where the “Multiple scenes” scenario has been selected, the TEST tab along the On, Off, and Auto options will display the customized names of configured scenes:
  Morning (scene 1)
  Operating hours (scene 2)
  Maintenance (scene 3)
  After hours (scene 4)

Testing individual luminaires (for iOS/iPadOS):
Scroll down to see all luminaires added to the selected zone.
Use the slider to change the light level or enter the value manually (in **%**).
The selected luminaire should react immediately.



Sensors view (for iOS/iPadOS):

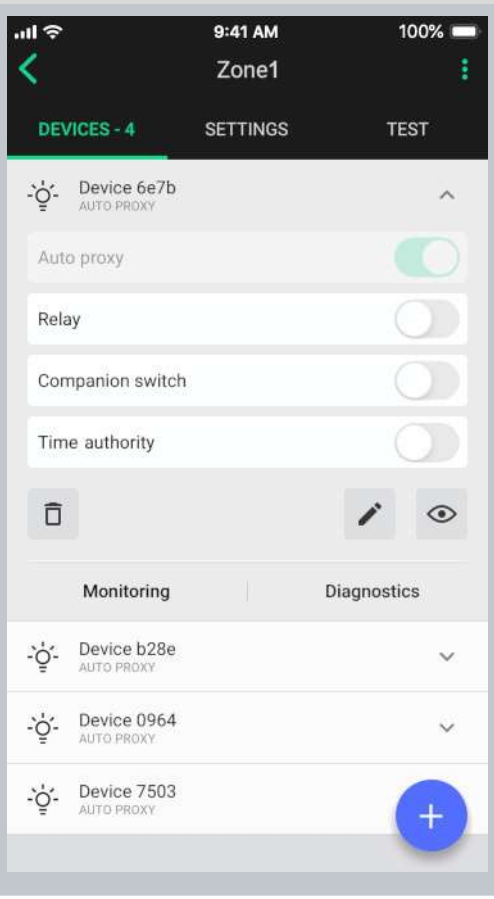
- Sensors can be previewed via the **TEST** tab.
- The list at the bottom of the screen shows how many sensors are available and the light level measured by the light sensor.
- The lux level value is read immediately when the panel is opened, and then the next update is only after the device reports the value. When you open the panel again, the app reads the value again (after each lux level update the background is green for 3 seconds).
- To preview the sensors, expand the list and see which sensors are currently active.
- If no sensors are available, the list is empty.

Check the devices list

All devices commissioned to a particular zone are listed in the DEVICES tab, along with their name and features.

Identify devices added to a zone

Sometimes it is necessary to identify a specific device which has a problem or must be configured as a relay or assigned to a companion switch.

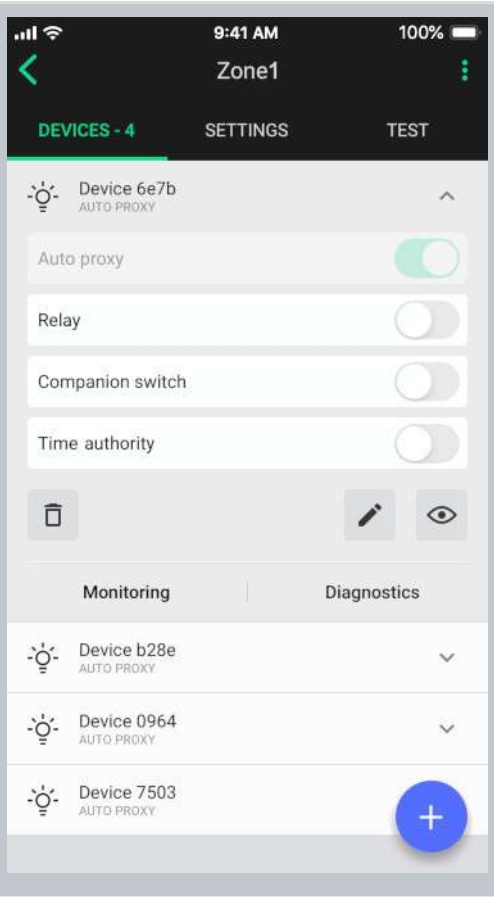


Tap or to identify the device.

The selected device should then draw attention e.g. by flashing.

HINT: After tapping or , the device will be requested to send a response. When the response doesn't arrive, the snackbar "*{Device name} is not available*" is displayed.

Rename a device (for iOS/iPadOS)

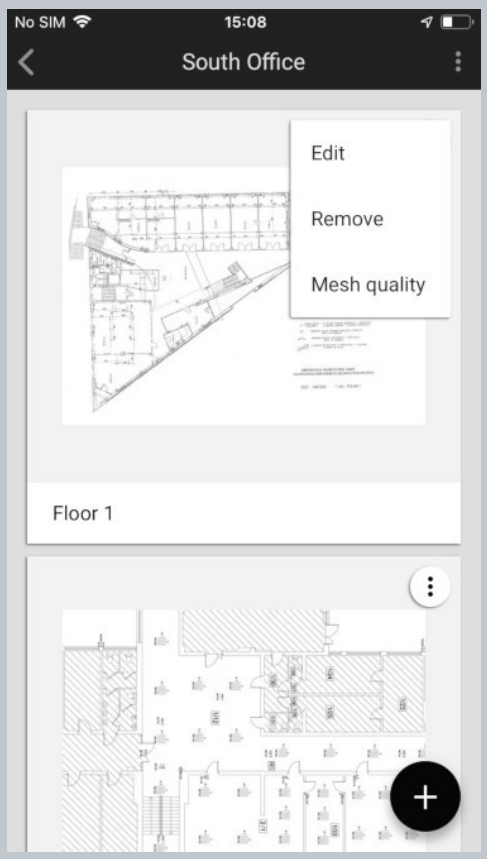


- To change the name of a device, open the SylSmart® Connected mobile app for iOS/iPadOS. Then, expand the device on the "**DEVICES**" view and tap ✎ to change the name. The new name will be visible in the mobile and web app.
- Once the name is changed, the new name will be visible in the mobile and web app.
- If the device is removed from the zone and recommissioned, it will appear in the mobile and web app with its default name.

Mesh quality test (for iOS/iPadOS)

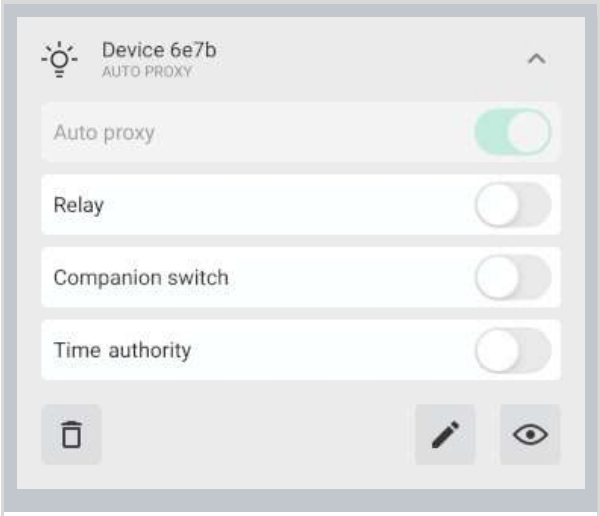
The mesh quality test allows users to check the node availability and mesh quality within an area.

The test is performed using the SylSmart® Connected mobile app for iOS/iPadOS from where it is currently connected to the network.



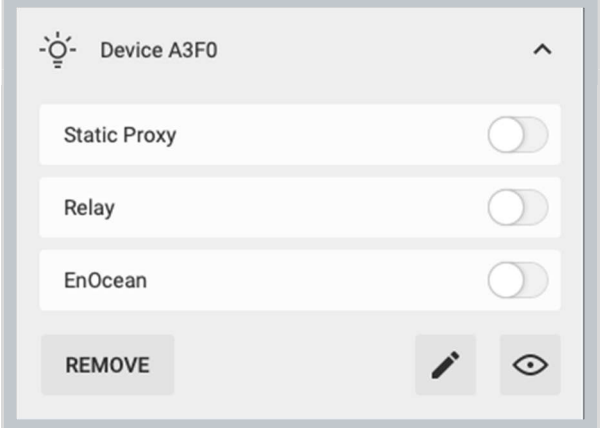
- To start running the test, open the SylSmart® Connected mobile app for iOS/iPadOS and select the project where you would like to check the connection.
- Then, select the correct area, click the “More” button, choose “Mesh quality” and tap **START TEST**.
- The test is performed from a proxy that is the closest or has the strongest signal in the radio range and sends a ping message to all nodes in the area (up to four retries are executed if a node does not respond to the first ping message).
- If all the nodes in a zone reply with a pong message, the zone is marked green to indicate a good connection.
- If even one node does not reply with a pong message, the zone it is added to is marked red to indicate potential connection problems.
- The results are presented on the area floor plan with the possibility to see results per device within a zone.
- For more information about the mesh quality test and troubleshooting, see *SN-202 Optimizing mesh network performance*.

Mesh functions



Auto proxy - allows each device to automatically become a proxy whenever the SylSmart® Connected mobile app is in range. Devices where auto proxy is enabled have the “Auto proxy” toggle switch enabled and inactive.

NOTE: The auto proxy function is available in devices with SylSmart® Connected firmware version 2.17 and later. To use this function in already commissioned projects with devices running older firmware, update the firmware. Then, remove all devices from all zones in the project and add them again.



Static proxy - devices and projects that do not support the auto proxy function use static proxy.

Static proxy is automatically configured by mobile app during the commissioning in order to provide access to the network in the whole project.[9]

In the SylSmart® Connected mobile app for iOS/iPadOS, devices not supporting auto proxy have the “Static proxy” toggle switch enabled or disabled.

Relay - the device sends the messages further into the mesh network.[10]

Companion switch - the device assigned to a companion switch to allow it to communicate with a Bluetooth mesh network.

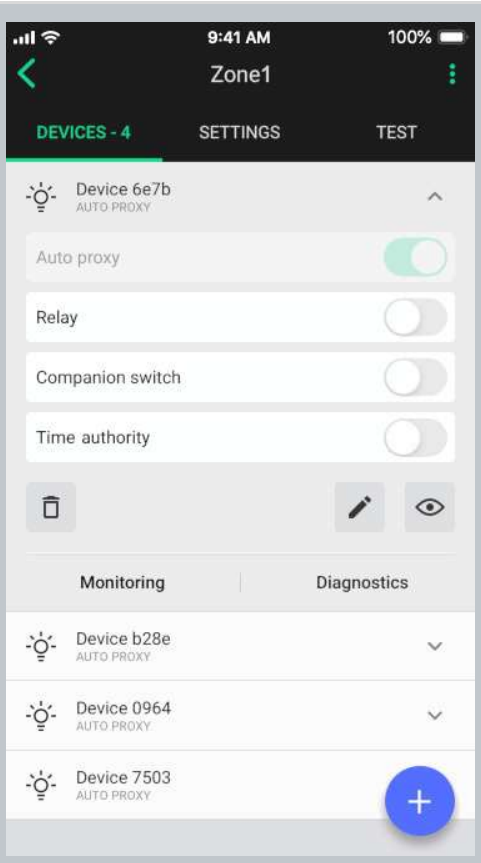
Time authority - the device acts as the source of the current time that is shared with other devices in the network.

NOTE: The time authority function is available in devices with SylSmart® Connected firmware version 2.20.2 and later and projects version 202101 and later.

For details about mesh functions, see *SN-202 Optimizing mesh network performance*.

[9] By default, the mobile app will make sure that at least one device in the project has the proxy enabled. Be aware that disabling or removing a proxy device affects the performance of connecting the app to the network.
[10] Enabling both the Static proxy and Relay functions on the same node will lead to inefficient performance and is not recommended.

Device diagnostics (for iOS/iPadOS)



The device diagnostic report in the SylSmart® Connected mobile app for iOS/iPadOS may be helpful in the event of any problems. It gives basic information such as:

- Firmware information
- Uptime
- Time since last fault
- Controller parameters

The SylSmart® Connected app for iOS/iPadOS also supports some manufacturer-specific device health tests, e.g. DALI Bus Reset. With the search box, you can find a cell that contains the searched string. If the search box is empty, then all properties are visible. If the search box contains the searched string, then only those cells are visible that contain the searched string in their content.

Monitoring (for iOS/iPadOS)

The monitoring feature allows you to see the energy consumption of compatible devices and occupancy events within a zone with a PIR sensor in the mobile app.

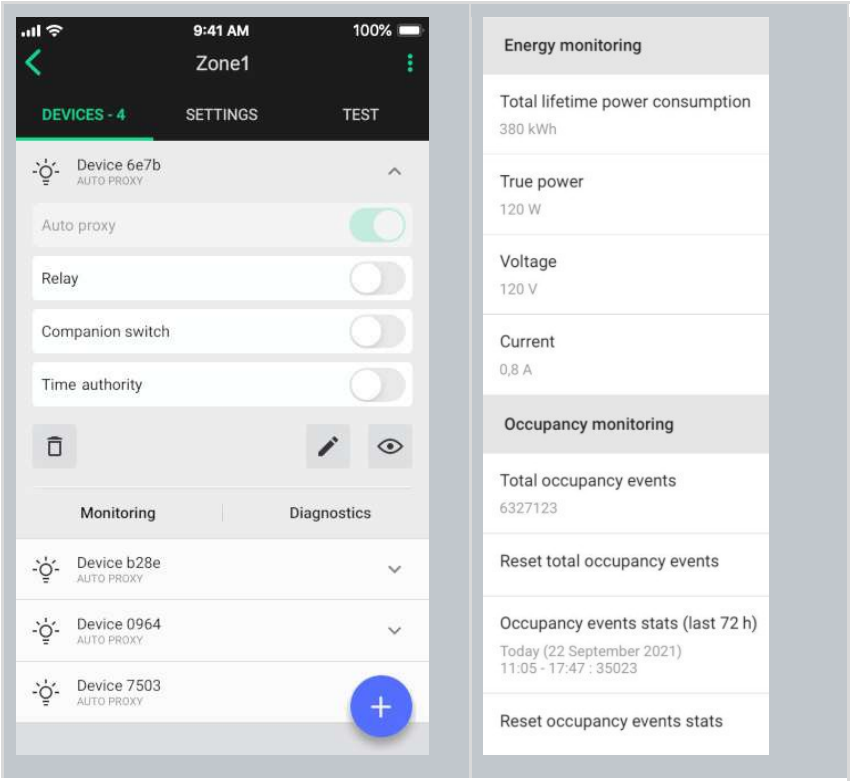
The energy monitoring values include:

- Total lifetime power consumption (kWh)
- True power (W)
- Voltage (V)
- Current (A)

The occupancy monitoring values include:

- Total occupancy events
- Occupancy events stats (last 72 h)

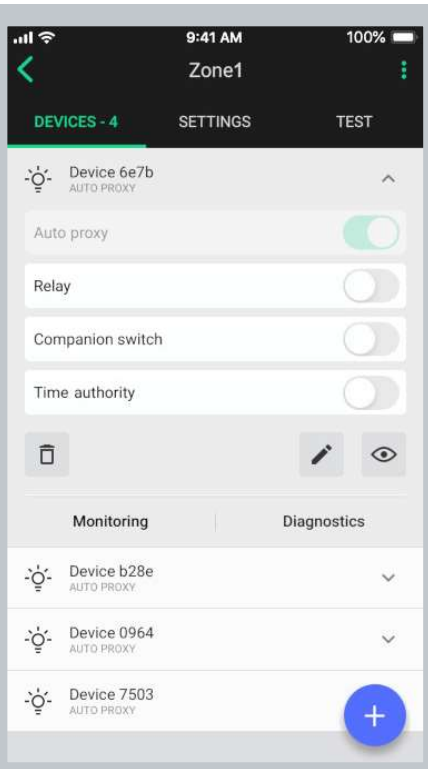
HINT: You can use the occupancy monitoring data and their reset functions to verify sensor false triggering.



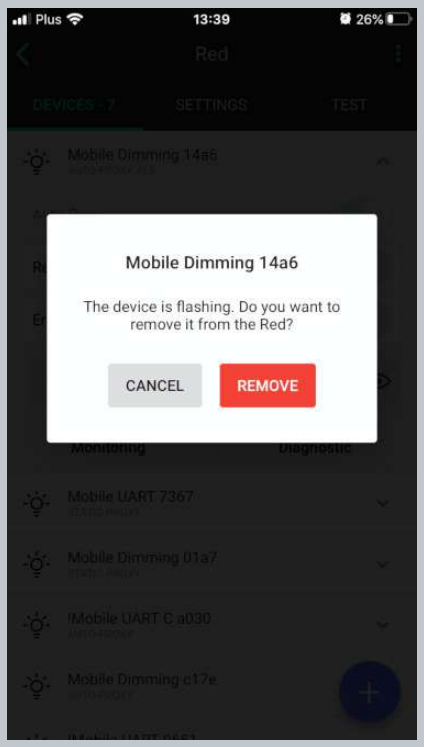
- Open the SylSmart® Connected mobile app for iOS/iPadOS and go to the "**DEVICES"** tab.
- Expand the down arrow for the device you want to check.
- Tap "**MONITORING".**
- The energy consumption and occupancy monitoring values will be displayed.

Remove a device

If a device has been added to the wrong zone or doesn't operate properly, you can remove it. This action removes the device from the network and from the project, while also resetting the device and erasing its configuration data.



- Go to the "**DEVICES"** tab.
- (iOS/iPadOS) Select the device you want to remove and tap 🗑.
- (Android) Tap ⋮ to open the device context menu and tap "Remove".
- Check if the device is attracting attention e.g. by flashing.



If it's the right device, tap "**REMOVE"** to confirm. This will remove it from the network and restore its default settings, making it available for adding to another network.

☞ **NOTE:** The mobile app will not allow you to remove the last proxy device in the project if the project still contains other devices, as this will mean you will no longer be able to connect with them. To remove the last proxy, remove all other devices from the project first. Only then will the app allow you to delete the last proxy device.

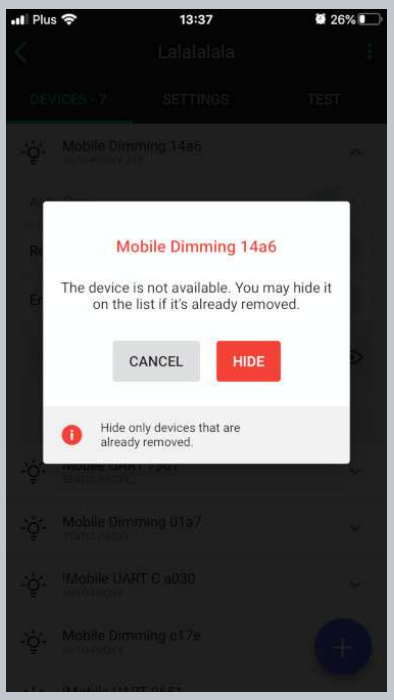
Hidden devices

As part of the device removal process described above, a device is not only removed from the app's database but also fully reset. This means removing a device from the network and restoring its default settings by erasing all configuration data, including security keys. In order to successfully carry out this process, the app needs to exchange certain data with the device which is to be removed. If the app is unable to communicate with the device, the removal process cannot be completed. This can happen in the following cases:

- device is powered off or does not operate properly (manufacturing defect, failure, etc.),
- device has already been reset or removed manually,
- mesh communication failure (e.g. device is out of range).

A device that cannot be fully removed remains visible in the app and commissioning reports and may report configuration errors. This could be misleading, especially when such a device has already been physically removed from the ceiling. To address such cases, the app allows a device that cannot be fully removed to be hidden. A hidden device will no longer be shown in the list of available devices, included in commissioning reports, or report configuration errors. However, it can still be seen in the web app (grayed out and marked as *hidden*). This allows you to make a device available again if needed (e.g. if it was hidden accidentally).

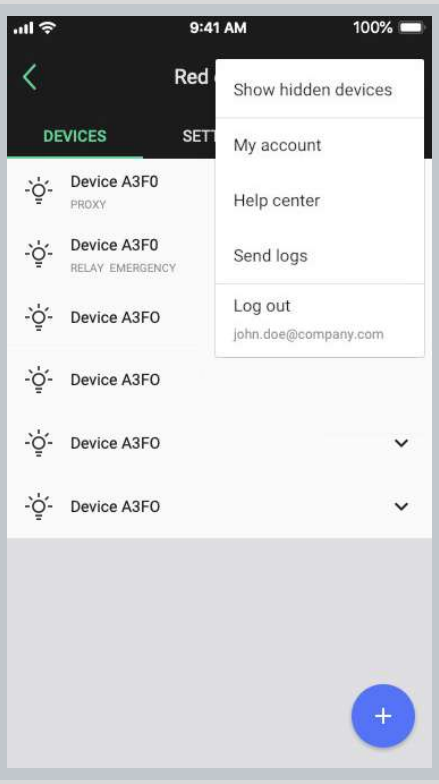
Hiding devices



When you choose to remove a device, but the app cannot communicate with it, the removal process cannot be completed.
In this case, the app will ask whether you want to hide the device so that it is no longer visible in the list of available devices and commissioning reports.
Tap "**HIDE**" to remove the unresponsive device from the list.

NOTE: Make sure to hide only those devices that are faulty or have been removed from the project manually (via physical uninstallation or hardware reset). Be aware that a device can be hidden without resetting it, and it will continue working with its most recent control scenario. To remove such a device from the network, see the next section.

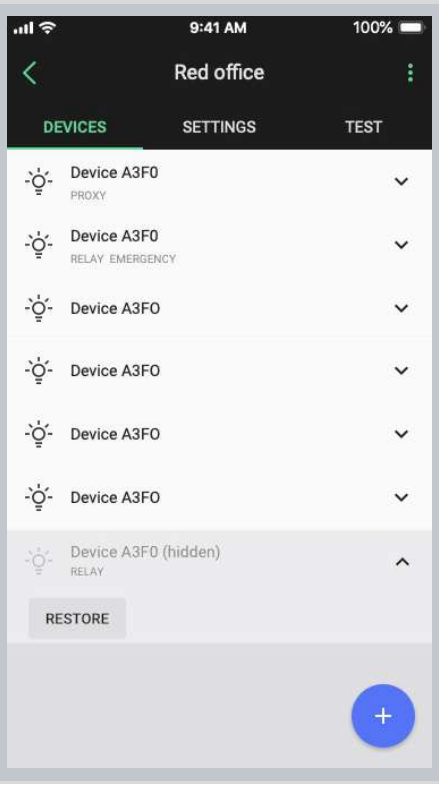
Making hidden devices available



To show hidden devices:

- Open the zone context menu
- Tap “Show hidden devices” button

NOTE: When there are no hidden devices, the menu item is not available.



- Hidden devices are shown on the list of devices in the zone and grayed out.

To make hidden devices available again:

- Tap the device and then tap “Restore”.

Remove devices that have no access to the mesh network

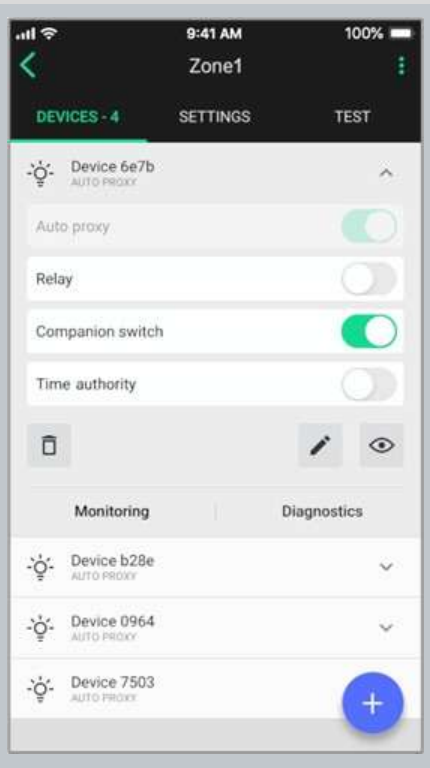
To remove devices that are grayed out in the mobile app because they have no access to the mesh network, continue as follows.

1. Perform one of the following steps:
   - Add a new device to the zone.
   - Reset a device from the zone and add it to the zone again.
     i. Refer to the device datasheet for instructions about how to reset the device. In most cases you need to press and hold a reset button for some time. But some devices have a switch that triggers a reset when a magnet is applied to them. When the reset is triggered, the status LED will flash every one second. After the reset is complete, the status LED will flash every 0.3 seconds.
     ii. Add this device to the zone again.
2. Make sure that the device is set up as a „Proxy".
3. Remove all devices that were intended to be removed.
4. Remove the proxy device.

Companion switch

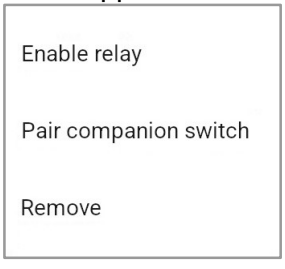
Adding a companion switch to a zone allows it to control the lights in a zone. Because a companion switch cannot communicate over the Bluetooth mesh protocol, you must select at least one of the devices already in the network to assign them to the switch. For details, see *SN-203 Companion switch*.

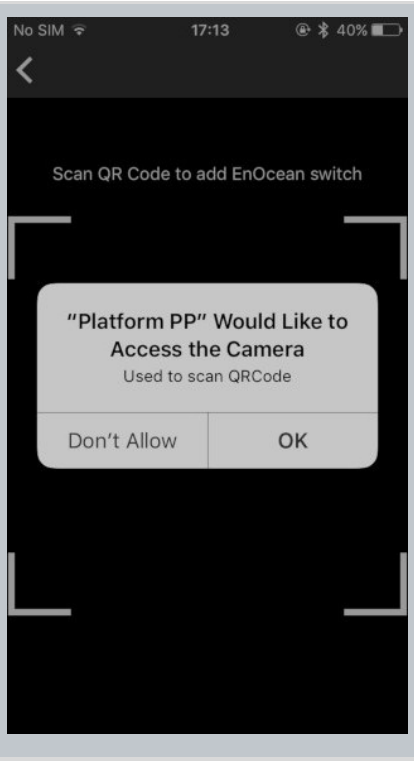
To find supported companion switches, go to:
https://SylSmart®Connected.com/products/?features=Companion.



1. Select a device that is close to the switch and that is not set up as a static proxy or a relay.
2. Go to the **Devices** tab.
3. On the **Devices** tab, tap the device you have selected (iOS/iPadOS) or tap ⋮ to open the context menu (Android).
4. Enable the **Companion switch** (iOS/iPadOS) or select **Pair companion switch** (Android).

Mobile app for Android:





5. If the app asks for permission to access the camera, tap **OK**.
6. Point the camera at the QR code on the back of the switch or on its packaging.
7. The app will read the code and configure the switch.

NOTE: The companion switch can be removed from the zone at any time by disabling the companion switch option for the device(s) assigned to the switch.

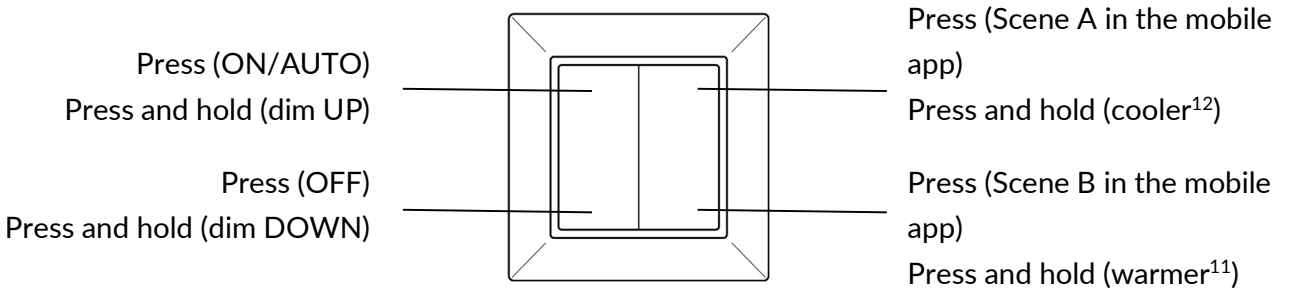
- "**This device is not supported**" on a snackbar.

8. If the companion device selected is incompatible, an incompatibility snackbar will be displayed when scanning such a device.

NOTE: If you want to control multiple zones using one switch, we recommend using the zone linking feature in the SylSmart® Connected web app. See *Zone linking recommendations*. You can also assign a switch to more than one zone, but this works well only when all the zones are close to the switch. If a zone is far from the switch or on a different floor, signals from the switch will not reach the assigned device in this zone.

Companion switch operation with the *Manual control* and occupancy/vacancy sensing scenarios

The left button is used for ON/AUTO, OFF, dim UP, and dim DOWN. The right button (if available) recalls scenes (A, B; if configured) and controls color temperature (cooler/warmer).



After you set the color temperature, it will be used for all manual and auto modes.

For the *Multiple scenes / Scheduling* scenario, the *press* action of the right button will be different, as described in Companion switch operation with the *Multiple scenes / Scheduling* scenario.

Scenario	Operation
Manual control *All luminaires are turned on and off manually with a wall switch.*	• Pressing the top left button (ON/AUTO) sets the *Default light level* specified in the profile settings. • Pressing the bottom left button (OFF) sets the light level to 0%. • After pressing the switch buttons, the previous settings can be restored only manually.
Occupancy sensing scenarios *All luminaires are turned on when motion is detected and turned off when no motion is detected.* **Vacancy sensing** scenarios *All luminaires are turned on manually with a wall switch and turned off automatically when no motion is detected.*	• Pressing the top left button (ON/AUTO) sets the *Occupied light level* specified in the profile settings. The *Occupied light level* is maintained for a defined *Timeout*. • After pressing the switch buttons, the default settings will be restored after the specified *Manual override timeout*. It defines the time of vacancy after which default settings are restored. • The timer starts when you use the switch buttons and resets when occupancy is detected in the zone. Example of *Manual override timeout* behavior: 1. The *Manual override timeout* is set to 10 minutes. 2. The user presses the switch and leaves the zone. 3. If occupancy is detected after 3 minutes, the timer resets and starts counting again from 10 minutes. 4. If the full 10 minutes pass, default settings are restored.

For details about scenarios, see Scenarios.

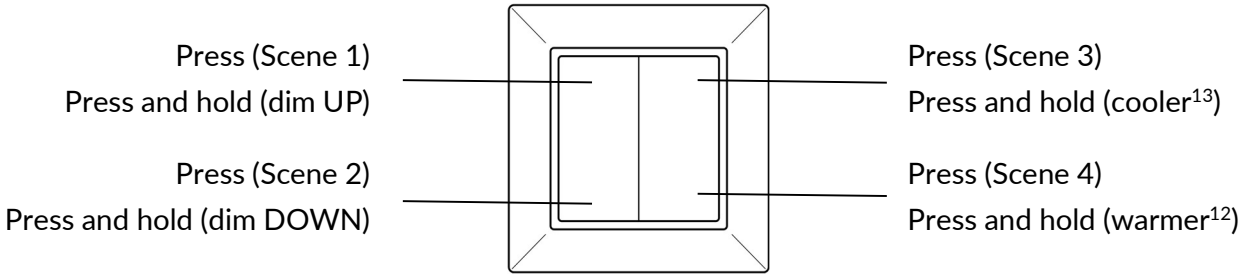
[11] Only for zones with compatible tunable white fixtures and SylSmart® Connected firmware version 2.15 or later. Otherwise, the *press and hold* action of the right button will not work.

Companion switch operation with the *Multiple scenes / Scheduling* scenario

For the *Manual control* and occupancy/vacancy sensing scenarios, the *press* action of the right button will be different, as described in Operation with the *Manual control* and occupancy/vacancy sensing scenarios.

In the *Multiple scenes / Scheduling* scenario, the light can be adjusted automatically with scheduling or manually to one of four definable scenes. Each scene can run a different control scheme.

Press the left button to recall scene 1 and scene 2. Press the right button (if available) to recall scene 3 and scene 4. Press and hold the left button to dim UP and dim DOWN. Press and hold the right button (if available) to control color temperature (cooler/warmer). The scenes can be recalled manually with the switch or scheduling.



For details about scenarios, see Scenarios.

Sync the time in the mesh network (for iOS/iPadOS)

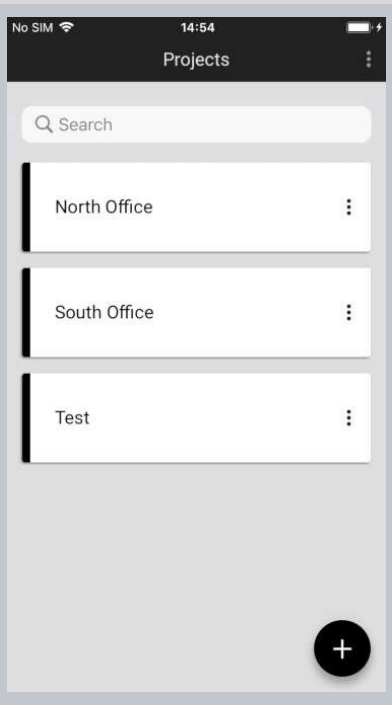
1. Open the **SylSmart® Connected mobile app for iOS/iPadOS**.
2. In the project field, tap ⋮ and select **Time sync**.
3. Tap **Sync time** to sync the time between the mobile device and the mesh network.

[12] Only for zones with compatible tunable white fixtures and SylSmart® Connected firmware version 2.15 or later. Otherwise, the *press and hold* action of the right button will not work.

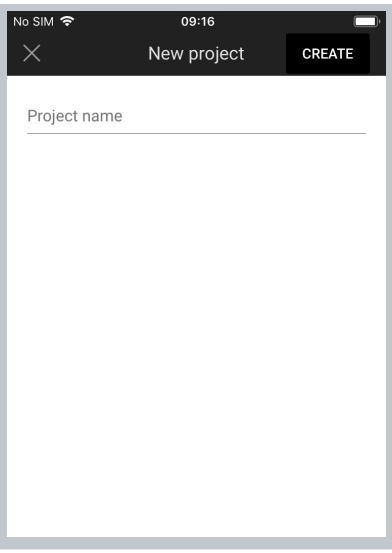
4. Commissioning on-site without using the web app (for iOS/iPadOS)

The SylSmart® Connected mobile app for iOS/iPadOS supports some basic project management features such as creating projects, creating areas, and creating and editing zones, allowing you to commission an installation **without having to first prepare a plan in the web app.** It means that the basic commissioning steps can be performed on an iOS/iPadOS mobile device without opening the SylSmart® Connected web app account.

Create a project (for iOS/iPadOS)

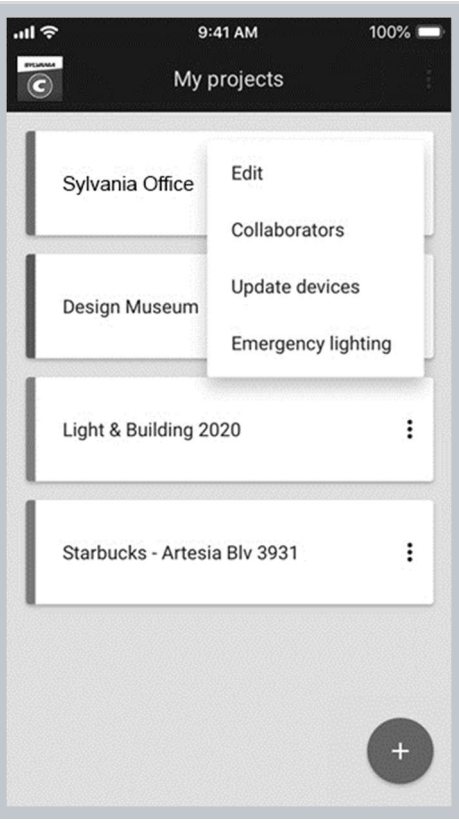


- In the SylSmart® Connected mobile app for iOS/iPadOS, go to the projects list.
- Tap the **+** button.

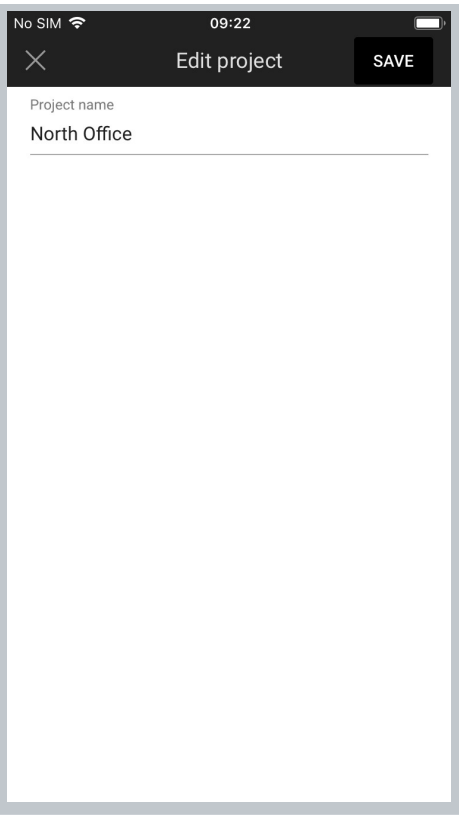


- Enter a project name and tap "**CREATE**".
- The project will be created and displayed on the projects list.
- Projects are sorted by the creation date, from the newest to the oldest

Edit a project (for iOS/iPadOS)

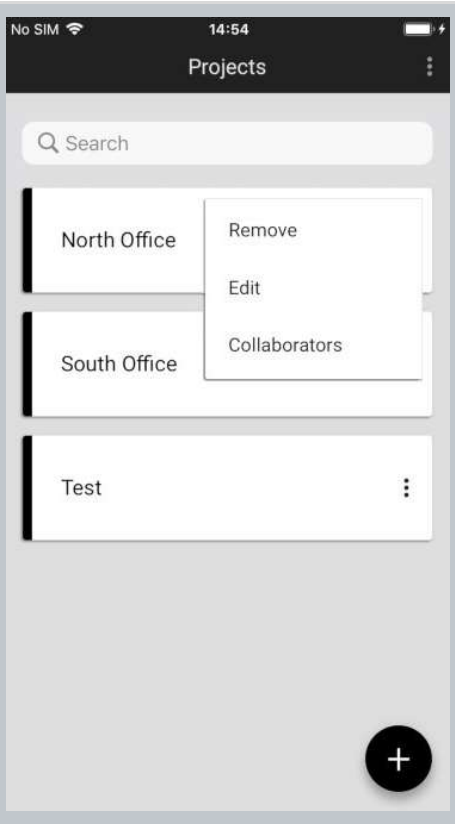


- In the SylSmart® Connected mobile app for iOS/iPadOS, go to the projects list.
- Tap ⋮ and select **“EDIT”**.

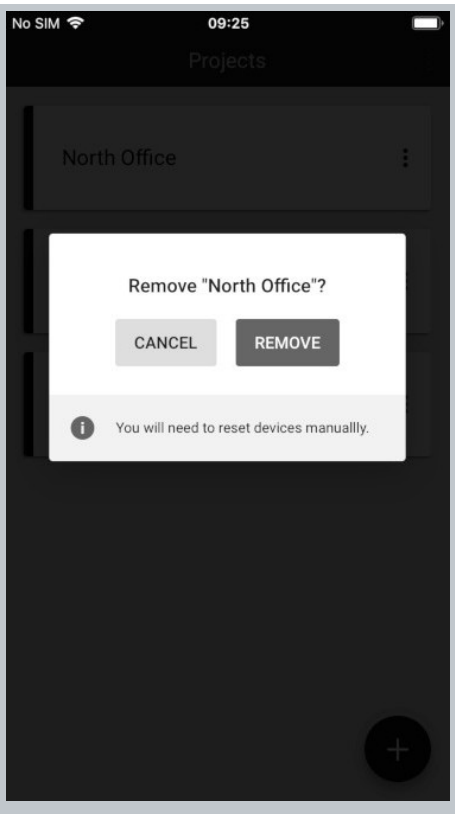


- Change the project name and save it by tapping “**SAVE**”.

Remove a project (for iOS/iPadOS)

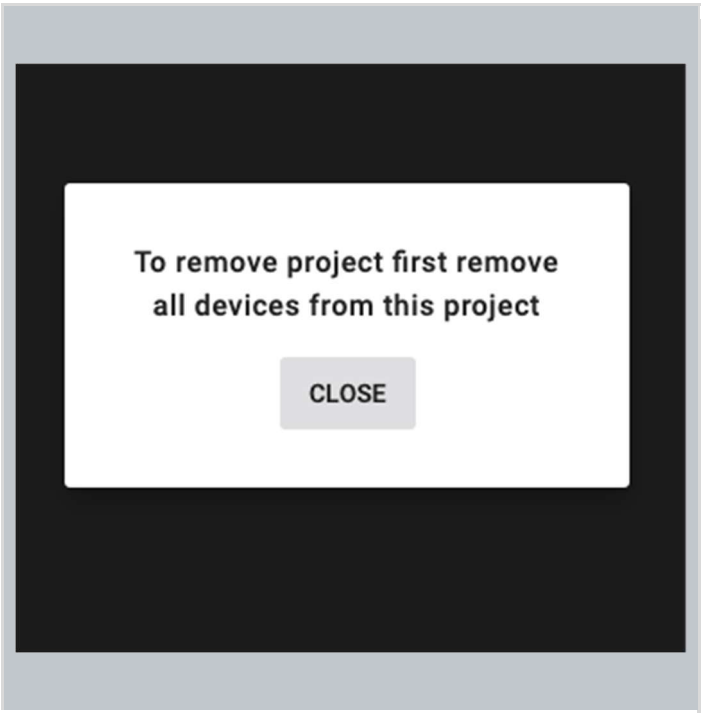


- In the SylSmart® Connected mobile app for iOS/iPadOS, go to the projects list.
- Tap ⋮ and select **“REMOVE”**.



In the confirmation popup, tap “**REMOVE**”. To prevent accidental removal of the project, the button will be available after 3 seconds.

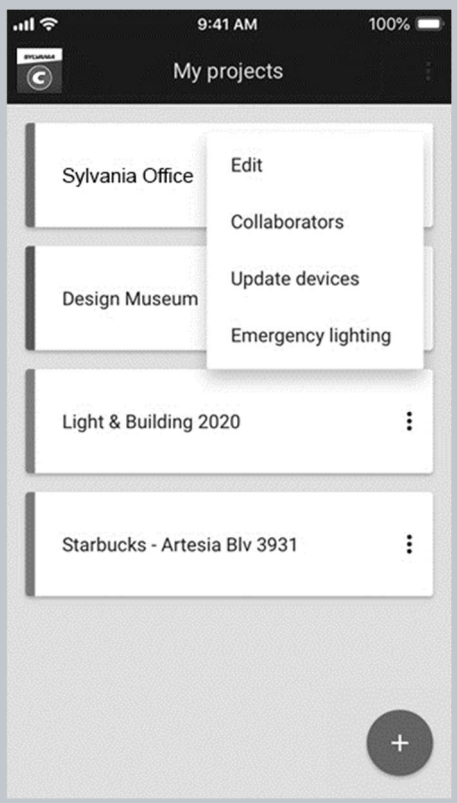
The project will be removed and can no longer be accessed by any users collaborating on it.



Note: You are not able to remove a project with active devices. Before doing it you need to remove all devices.

For more information on how to do that, see Remove device.

Add and manage project collaborators (for iOS/iPadOS)

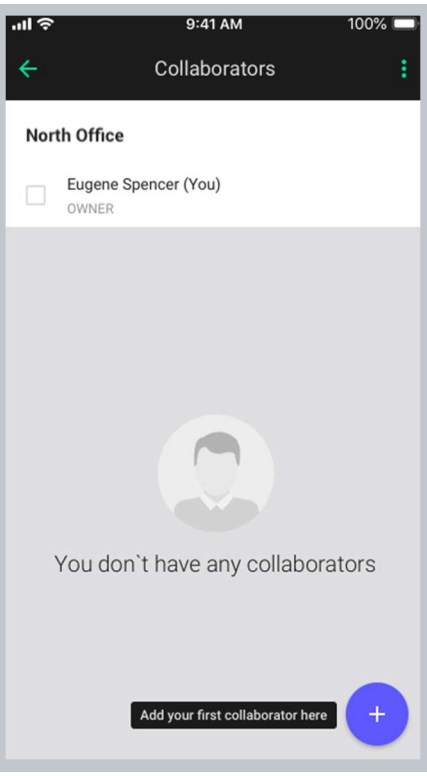


Multiple users can collaborate on the same project by creating and editing the commissioning plan and by carrying out on-site commissioning, thus shortening the most critical part of the whole project

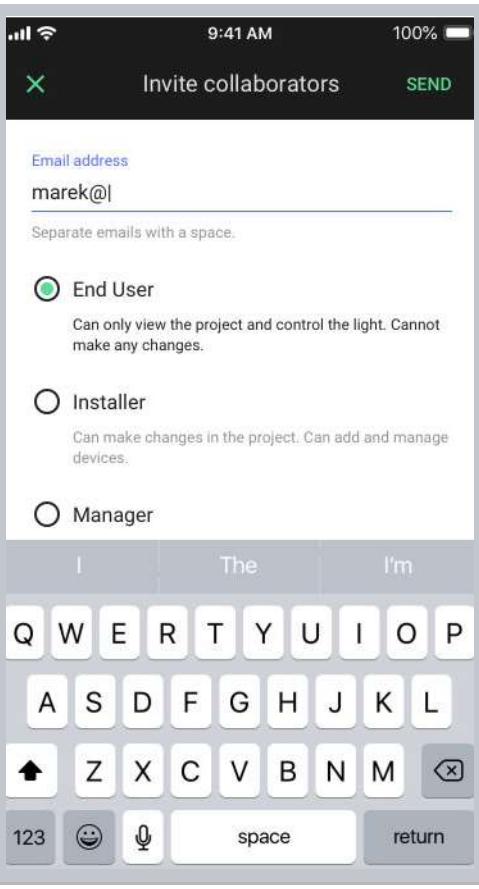
There are four user roles supported in the commissioning apps: owner, manager, installer, and end user. To get more information about specific roles, see User roles.

Open the SylSmart® Connected mobile app for iOS/iPadOS. If you are the owner or a manager of the project, tap ⋮, and select **Collaborators.**

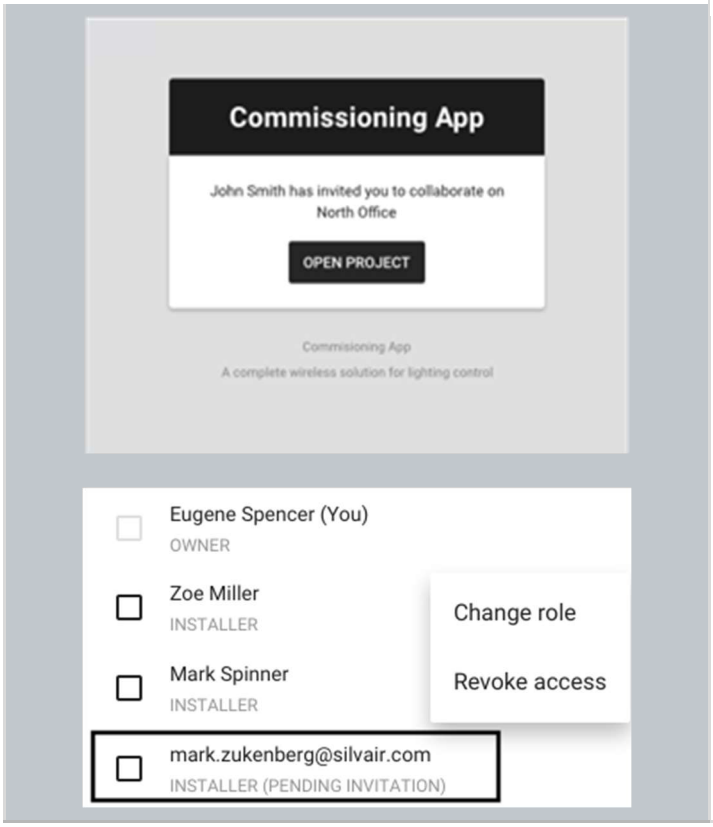
NOTE: If you're an installer or an end user, you don't have access to the 'Collaborators' view.



On the list of collaborators, tap **+**.



- Enter one or more email addresses to add collaborators to the project.
- Select the role for the new user(s). You can choose between:
  - End user
  - Installer
  - Manager



All users added as collaborators will receive an email with a link to the project.

Accessing the project requires the user to have a registered SylSmart® Connected web app account.

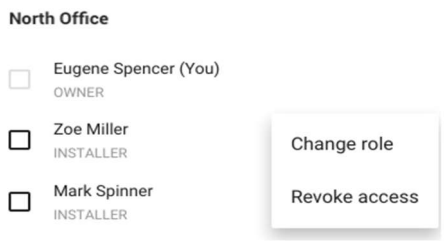
Added users who don't have an account will be labeled with "Pending invitation" on the list of collaborators.

Change or transfer user role (for iOS/iPadOS)

Change user role

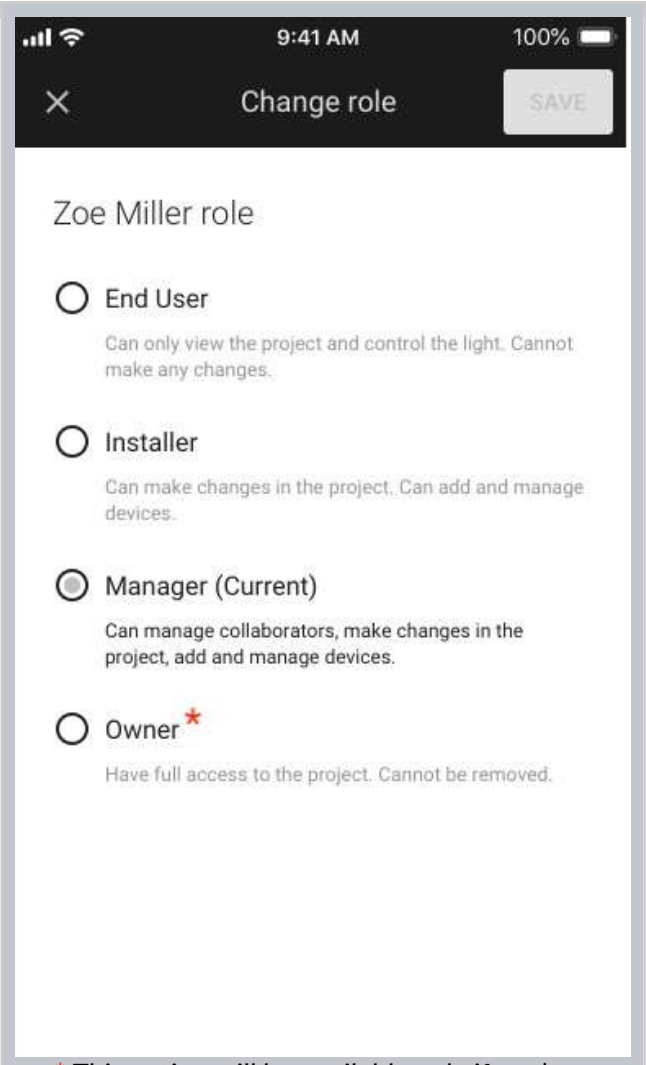
- To change the role (available **only** for owner/manager role), select the correct project on the projects list, tap ⋮ and select "**Collaborators**".

- Tap ⋮ next to the username and select "**Change role**".



Select the desired role:

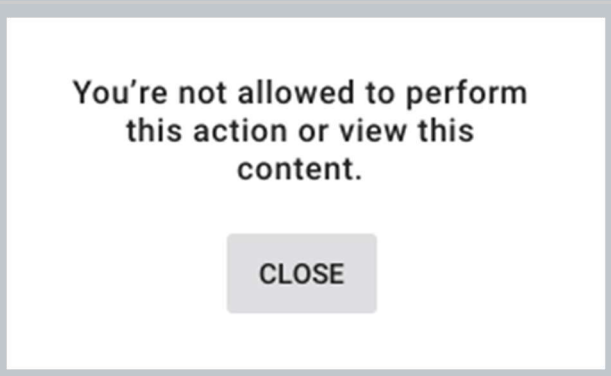
- Manager
- Installer
- Owner
- End User



** This option will be available only if you're logged in as owner and you want to transfer your ownership to another user.*

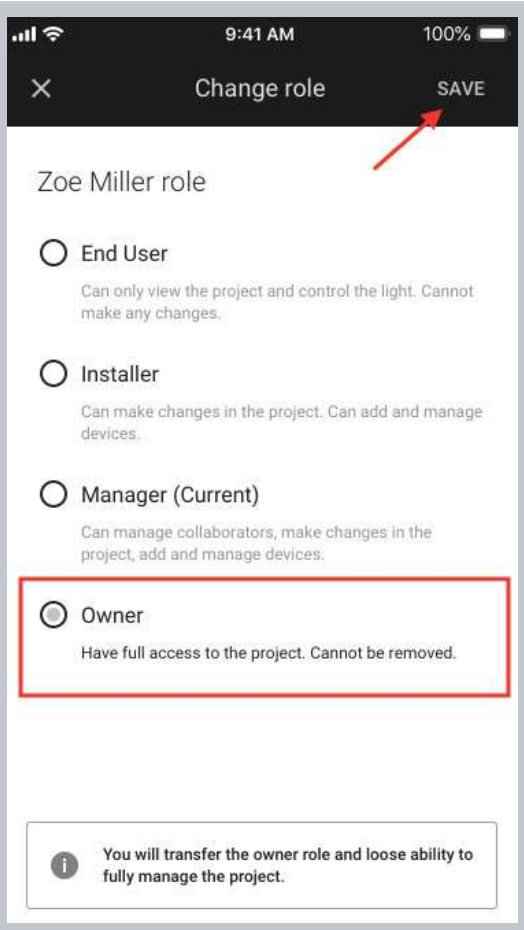
Press "**Save**" to confirm. "User role has changed" dialog will be displayed.

You can also change user roles in the web app.



NOTE:

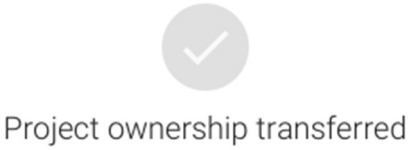
- If a collaborator's role was changed from manager/owner to **installer** or **end user**, this user will no longer be able to see the collaborators view in the app.
- The alert on the left is shown to the user whose role has been changed to installer / end user immediately after changing their role.
- After closing the alert, they will no longer be able to see the collaborators list.



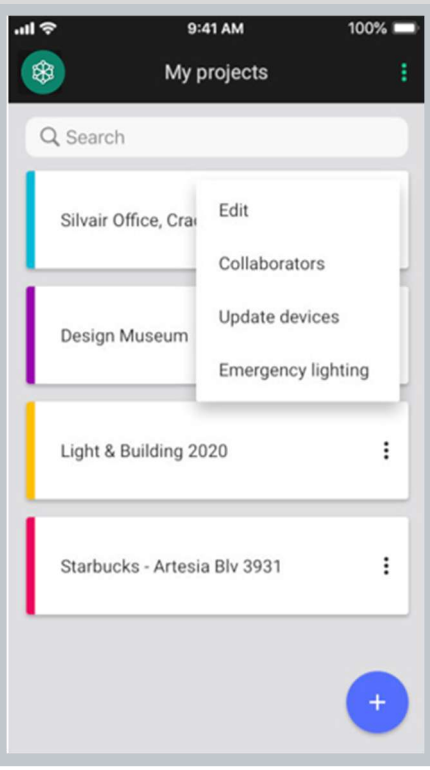
Transferring project ownership

NOTE: This option is available only for "**owner**" users.

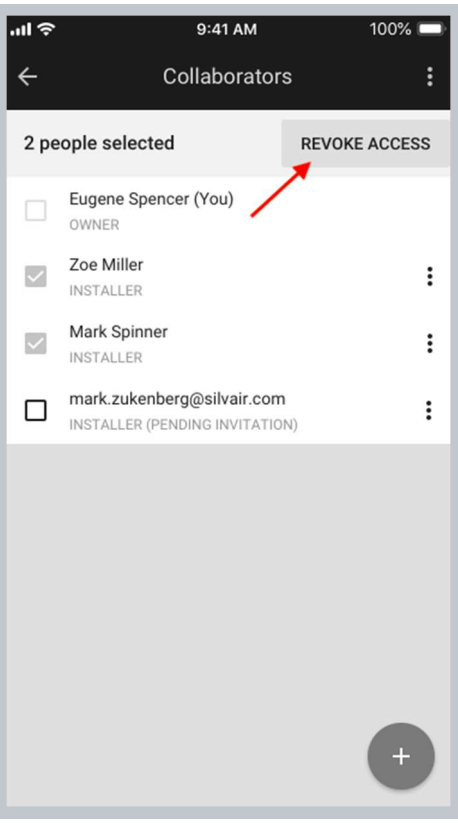
- If you're logged in as owner, you can transfer your project's ownership to another user.
- The new user who received the transfer will become a new owner. **The former owner of a project will no longer have access to the project.**
- To transfer the ownership:
  - Log into the mobile app as owner
  - Select the project
  - Tap ⋮ and select **COLLABORATORS**
  - Tap ⋮ again next to another username
  - Select "Change role"
  - Select "Owner" as a new role
  - Confirm by pressing SAVE button
  - You will see the success message below



Revoke access to the project (for iOS/iPadOS)

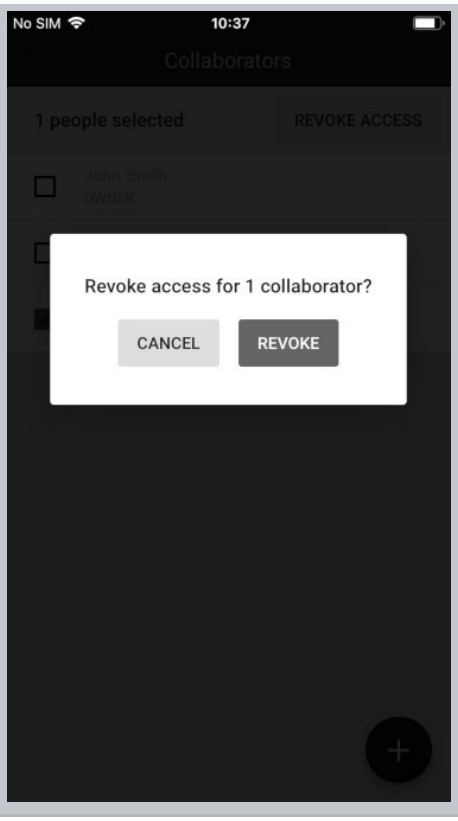


In the SylSmart® Connected mobile app for iOS/iPadOS, tap ⋮ and select "**COLLABORATORS**".



Select checkboxes to select one or more collaborators.

Tap "**REVOKE ACCESS**".

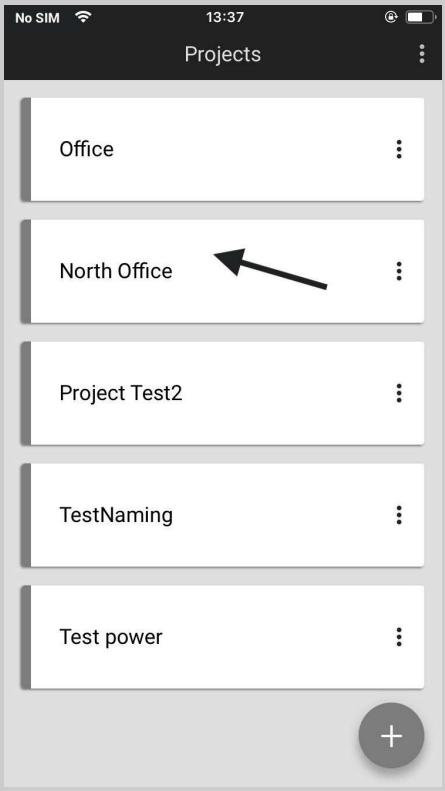


Confirm by pressing "**REVOKE"** on the popup window.

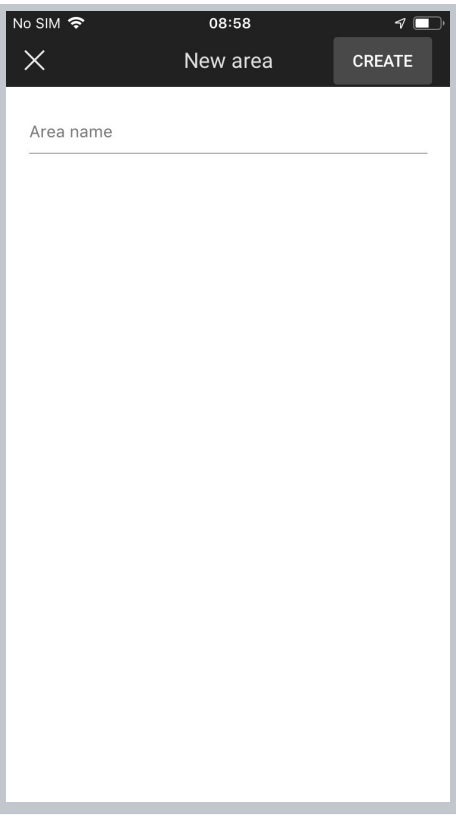
NOTE: Selected users will be removed from the project and will no longer have access to it from the web app and the mobile app.[13]

[13] SylSmart® Connected prevents the last collaborator from being removed from the project as there must always be at least one user with access to the project. The owner must transfer ownership to another collaborator before being able to leave the project.

Create an area (for iOS/iPadOS)



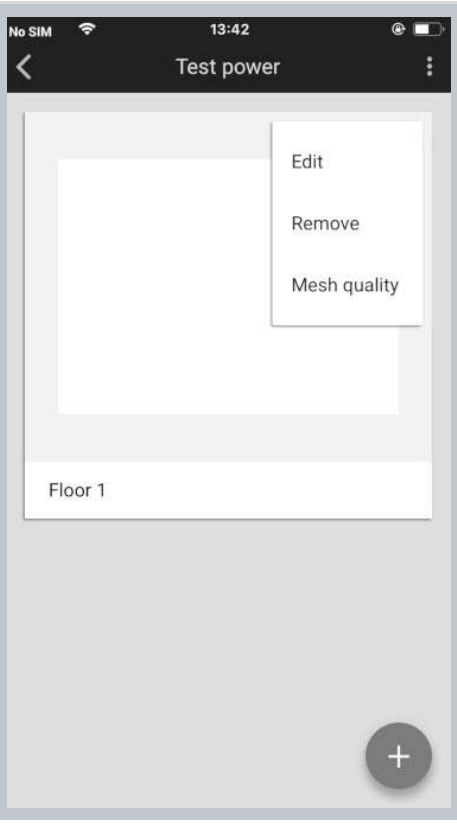
- In the SylSmart® Connected mobile app for iOS/iPadOS, tap a project to open it.
- Tap the **+** button to add an area.



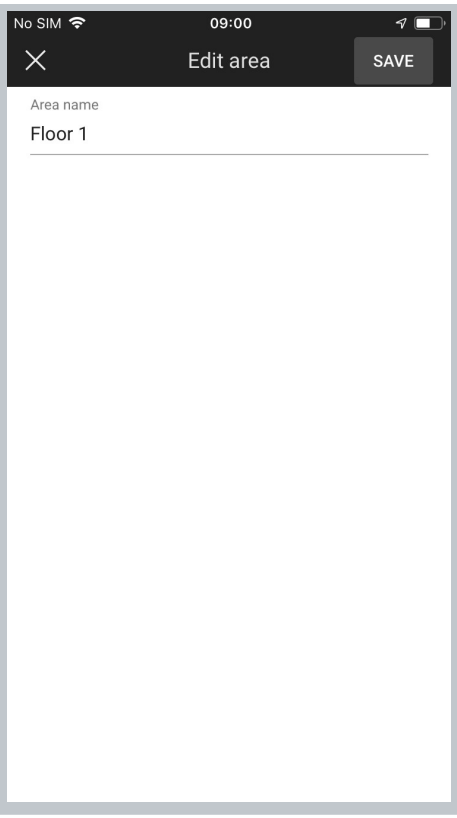
- Enter a name for the area and tap "**CREATE**".
- An area will be created and displayed on the area list with an empty area plan image[14].

[14] It is not possible to upload a plan to a project using a mobile app - this can only be done via the SylSmart® Connected web app.

Edit an area (for iOS/iPadOS)

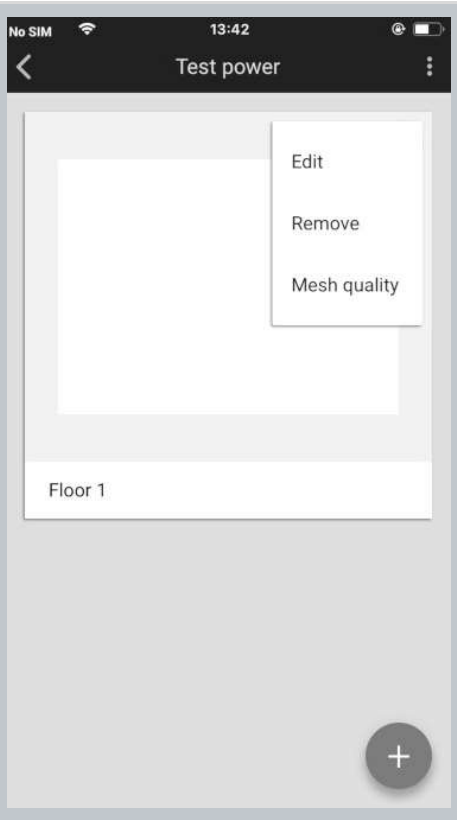


- In the SylSmart® Connected mobile app for iOS/iPadOS, go to the area list.
- From the menu, choose **“EDIT”.**

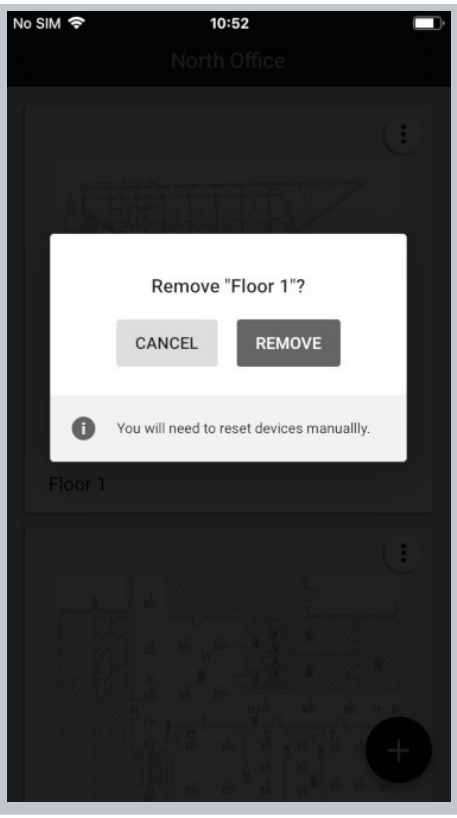


Change the area name and tap “**SAVE”**.

Remove an area (for iOS/iPadOS)



- In the SylSmart® Connected mobile app for iOS/iPadOS, go to the project.
- From the menu, choose **“REMOVE”.**

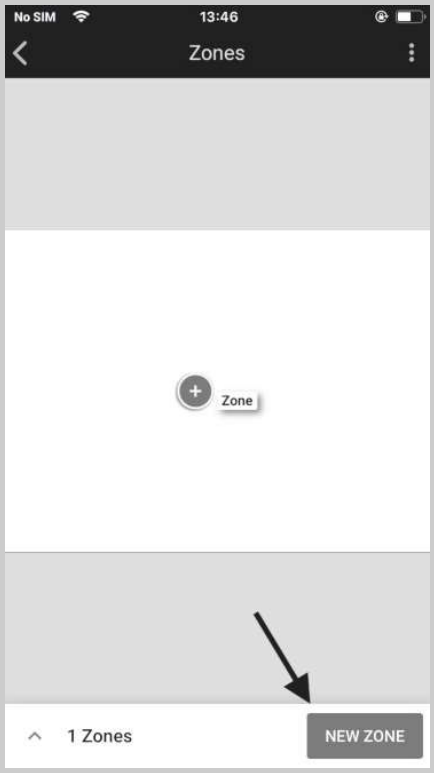


Confirm your decision by clicking **“REMOVE”** on the confirmation popup. In order to prevent accidental removal of the area, the button will be available after 3 seconds.

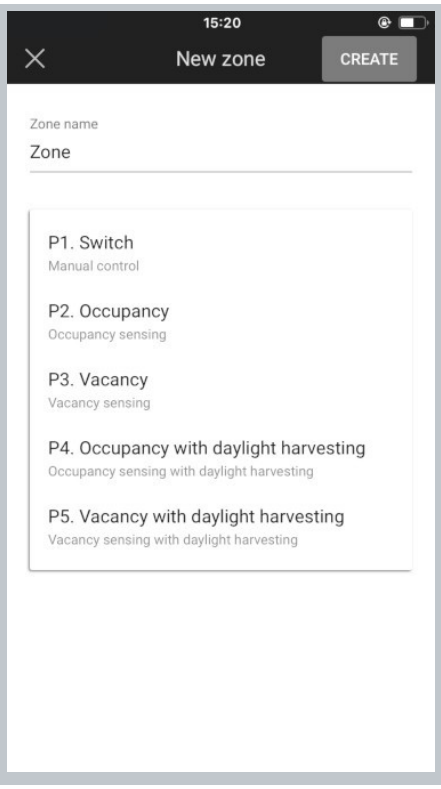
NOTE: You are not able to remove an area with active devices. Before doing it you need to remove all devices.
For more information on how to do that, go to the section “Remove device”.

Create a zone (for iOS/iPadOS)

The SylSmart® Connected mobile app for iOS/iPadOS also allows you to create new zones on-the-fly.

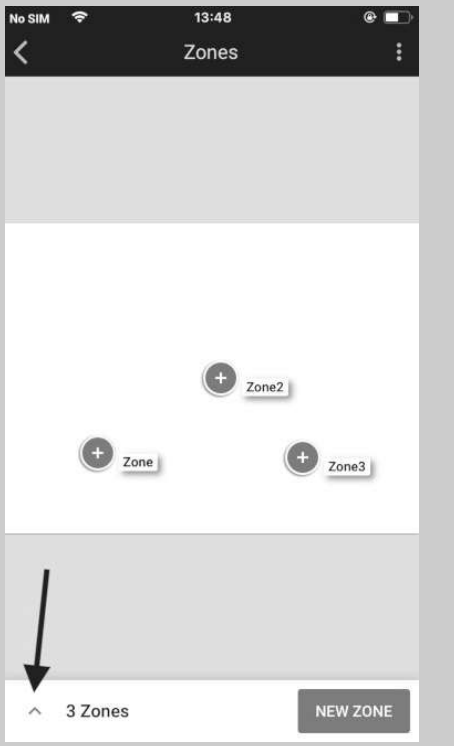


- Sign in into the SylSmart® Connected mobile app for iOS/iPadOS.
- Navigate to the project and area where you want to create a new zone.
- Select "**NEW ZONE**".

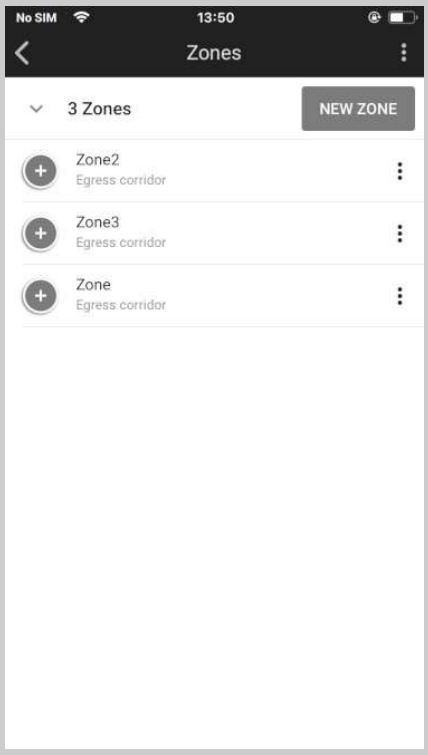


- Enter a name for the zone and select one of the predefined profiles (see: Profiles).
- Tap "**CREATE**".
- The new zone will be listed on the zones list.

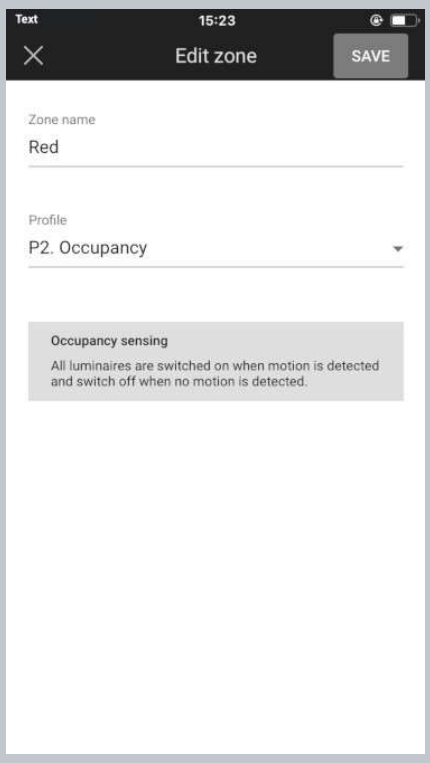
Edit or remove a zone (for iOS/iPadOS)



In the SylSmart® Connected mobile app for iOS/iPadOS, open the list view by tapping the element at the bottom of the screen with the number of zones, ("**3 Zones**" in this example).



- Tap ⋮ to display the context menu.
- Select "**EDIT**" or **"REMOVE".**



- Editing the zone allows for changing its name or the assigned profile.

NOTE: You are not able to remove a zone with active devices. Before doing it you need to remove all devices.

This is the last step of the commissioning without using the SylSmart® Connected web app.

The next steps to make your lighting project work is adding devices to the newly created zones. Go back to Commissioning on-site to continue reading about adding devices and the next steps.

5. Gateway commissioning

The SylSmart® Connected gateway enables communication between the network and the cloud. Adding a gateway to a project enables the following features:

1. Gateway scheduling
2. Energy and occupancy monitoring
3. Remote monitoring and control
4. Remote monitoring of emergency lighting testing results
5. System diagnostics

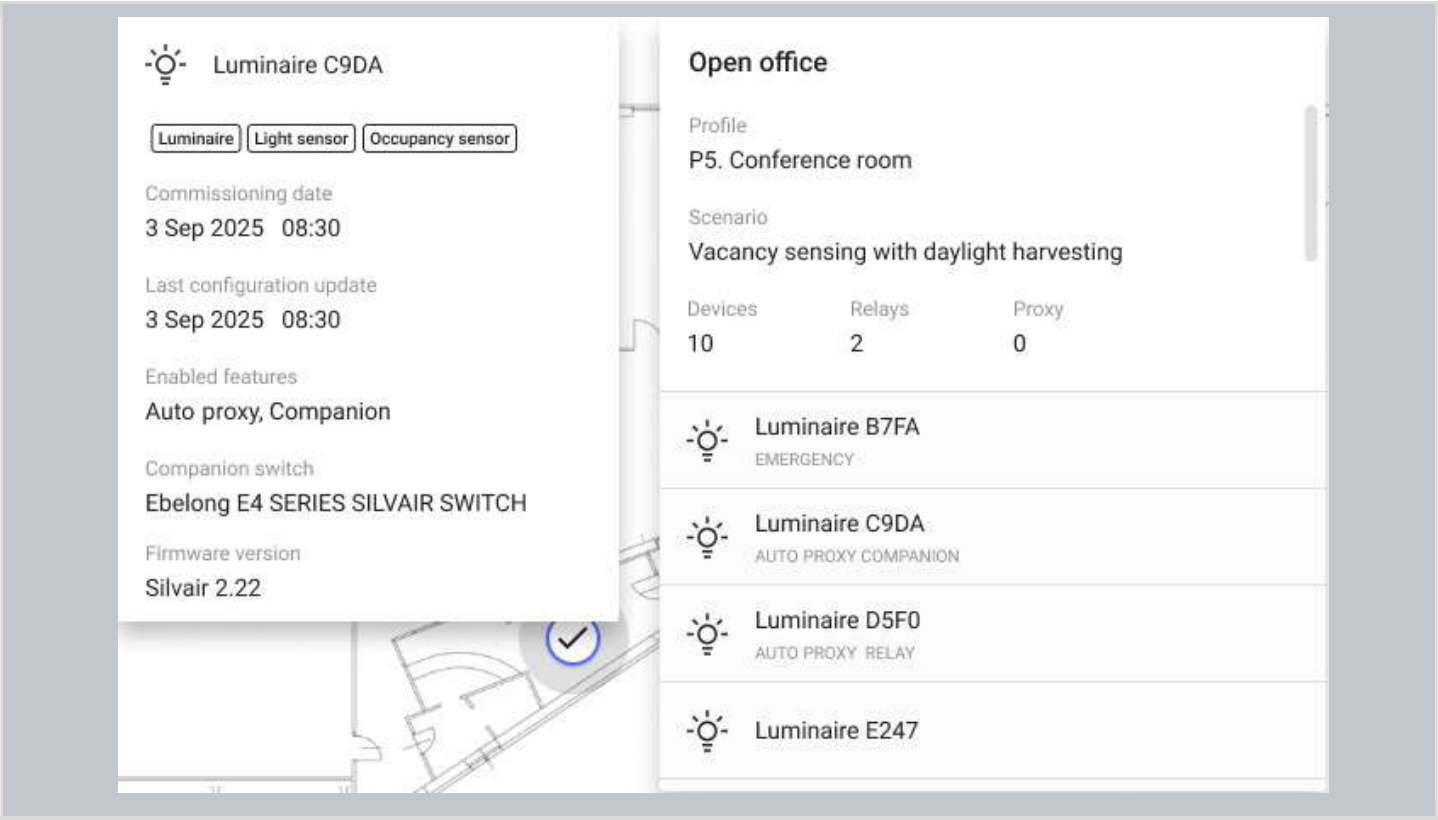
A gateway can be added to the project with the SylSmart® Connected web app in the Gateways tab.

For more information about the gateway, see the *SGW-102 SylSmart® Connected Gateway user guide*.

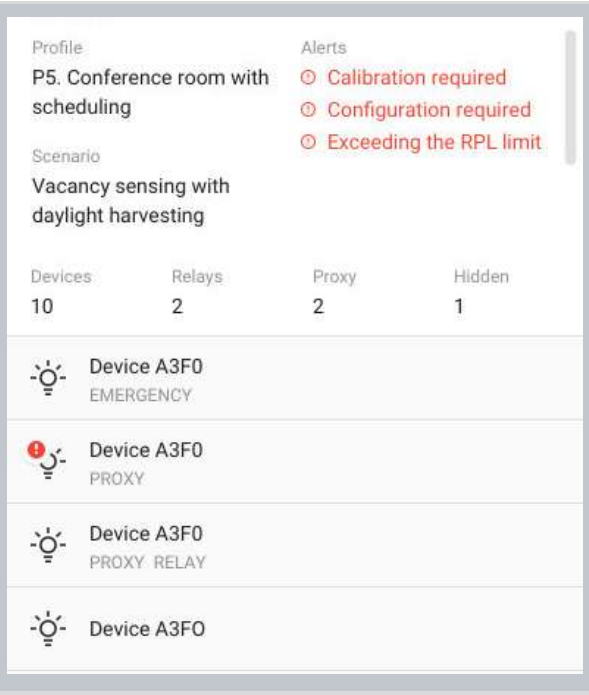
6. Commissioning status and troubleshooting

Check commissioning status

The commissioning status of each zone is displayed in the SylSmart® Connected web app (see Zone status) along with zone and device details.

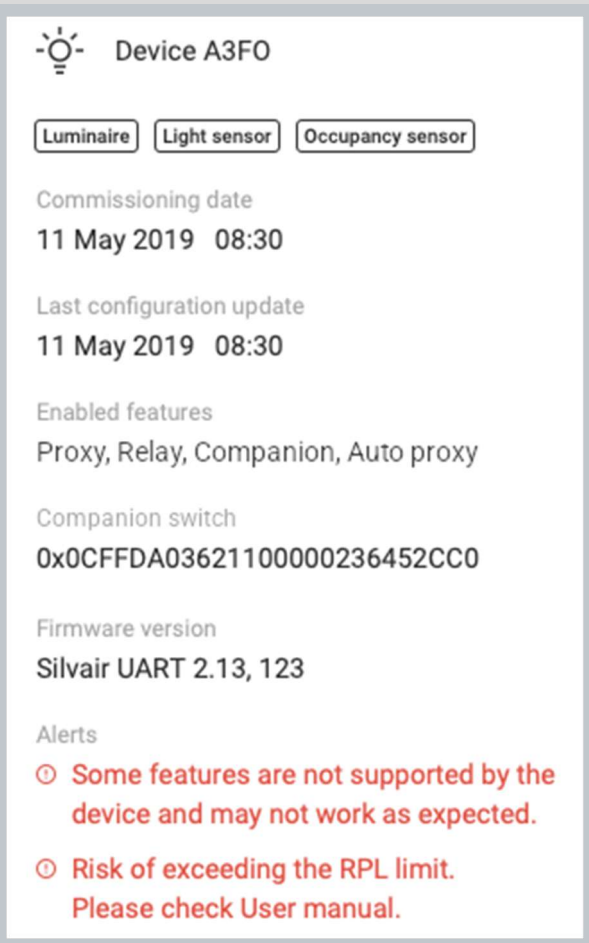


Device details	Commissioning status
Click the device name to display device details: • **Device function** (luminaire, occupancy sensor, light sensor, emergency) • **Commissioning date** - the date when the device was added to the zone • **Last configuration update** - the date of the last device configuration • **Enabled features** (N/A, proxy, relay, companion, ALS) • **Companion switch** - the model of the companion switch assigned to the device • **Firmware version** - the current firmware version in the device • **Alerts** (see the next page)	• Name of the control profile assigned to the zone • Scenario that the profile is based on • Alerts (when available) with errors and warnings • Devices - number of mesh devices in the zone • Relays - number of devices with the relay feature enabled in the zone • Proxy - number of devices with the proxy function enabled in the zone • List of devices added to the zone with their functions (proxy, relay, companion, ALS, or emergency) HINT: To open zone details on MacOS, you can use *CMD + left click* shortcut. On other systems, use *CTRL + left click*.



Zone alerts

A list of alerts may be displayed in red on the right. It means that an action is required from your side. You can find more details in the Commissioning alerts section.



Device alerts

Alerts are displayed in red at the bottom of the list. It means that an action is required from the user's side. You can find more details in the Commissioning alerts section.

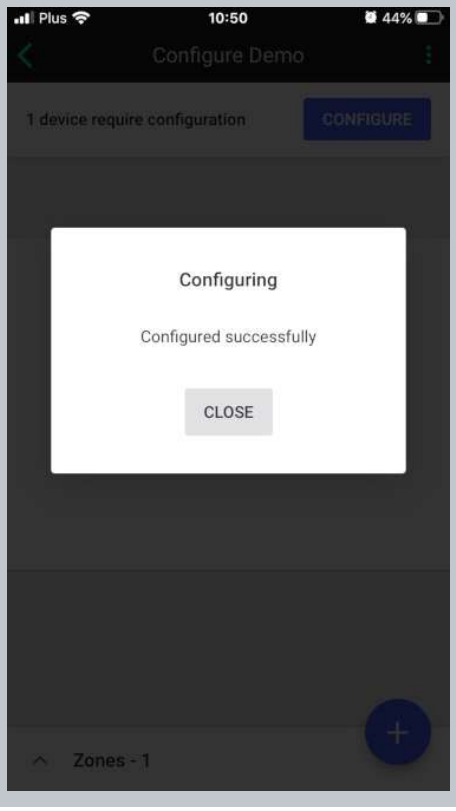
Commissioning alerts: errors and warnings

Area alerts

Configure all devices in an area (for iOS/iPadOS)

If there are unconfigured devices in the area, the “Configure” button is displayed with the number of devices that require configuration.

- Select the area
- Tap “**CONFIGURE**” to start the configuration

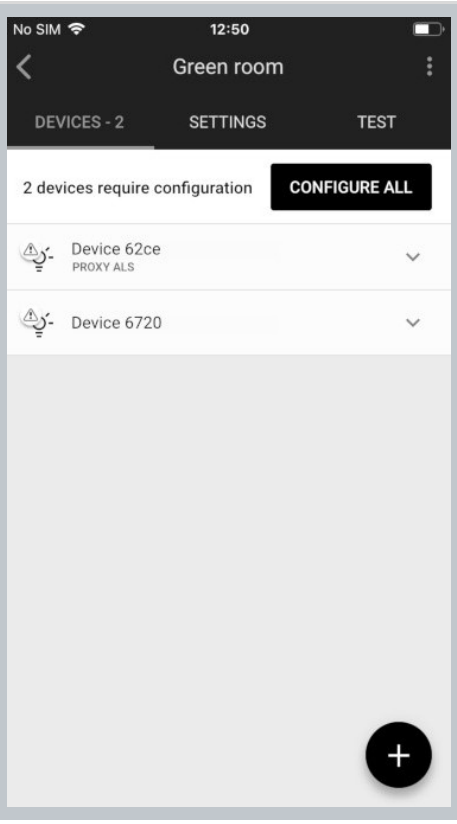


NOTE: If the configuration was not successful, go to the zone and check the alerts.

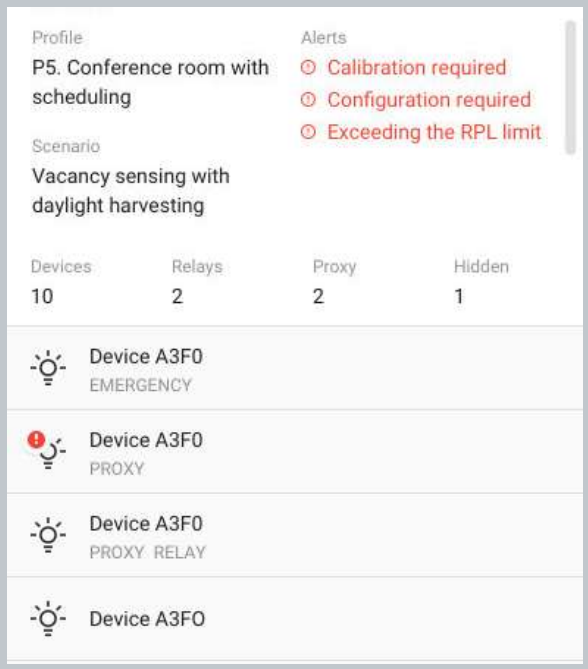
For more information, see “Zone alerts” in the next section.

Zone alerts

Zones are represented on the area floorplan with a circular icon which changes color depending on its status. When the zone has been commissioned but requires attention or action it is displayed as a warning state (exclamation mark) in the web and mobile app. See the Zones section for more information.



You can find the zone alerts at the top of the list of devices in the Devices list in the mobile app.

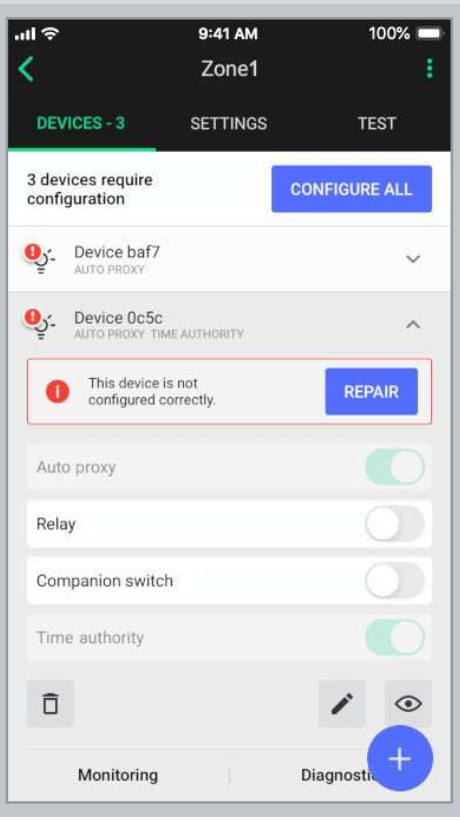


A list of alerts is also displayed in the Zone details section in SylSmart® Connected web app.

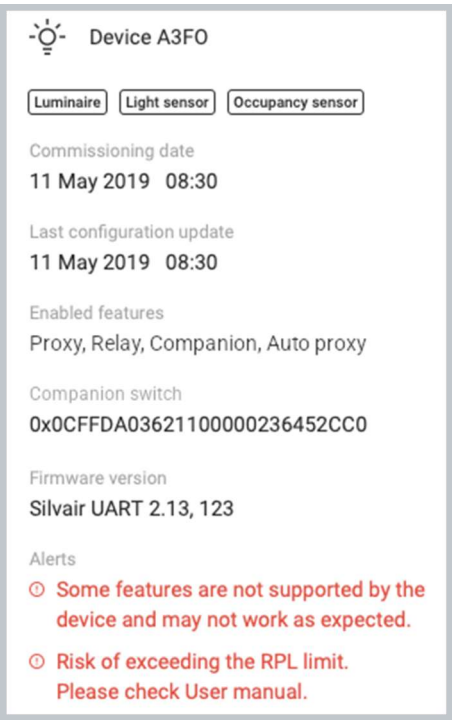
The table below describes possible solutions in the event of a zone alert:

Alert	Possible causes	Solution
Calibration required	The daylight control in the zone has not been calibrated yet or there is no light sensor selected to control the light in the zone (e.g., the previously selected light sensor has been removed from the zone).	If the zone has a Daylight harvesting based profile, follow Calibrate Daylight Harvesting. If the zone has a Photocell based profile, follow Calibrate Photocell.
Configuration required	• There has been a connection error (e.g., Internet problems) during the configuration process or configuration has been interrupted (e.g. the mobile phone lost power). • Zone settings have been changed (e.g. changing profile, changing scenario settings, adding/editing zone linking). • The project version has been updated and the zone configuration was modified by the new version.	Use the mobile app to configure the device manually. Follow the steps in Configure all devices in a zone.
Scenes configuration required	• Scenes in the zones were not configured correctly or scene configuration was interrupted. • A device has been added to the zone.	Configure scenes. Follow the steps in Scenes setup.
Risk of exceeding the RPL limit	The user may be affected by RPL (Replay Protection List) error when there is a risk that the RPL limit may be exceeded. It may show up when: • Adding device to the zone (a luminaire, a sensor or a switch) • Configuring a device (due to a change in scenario or zone linking) • Connecting to the project using a new mobile app	Contact support.sylsmart@sylvania-lighting.com for assistance and recommendations suited to your project.

Device alerts



In some cases, the device may encounter an error or warning, e.g. when the device configuration process has been interrupted. The alert is then displayed in the app in the list of devices after the device element is expanded.



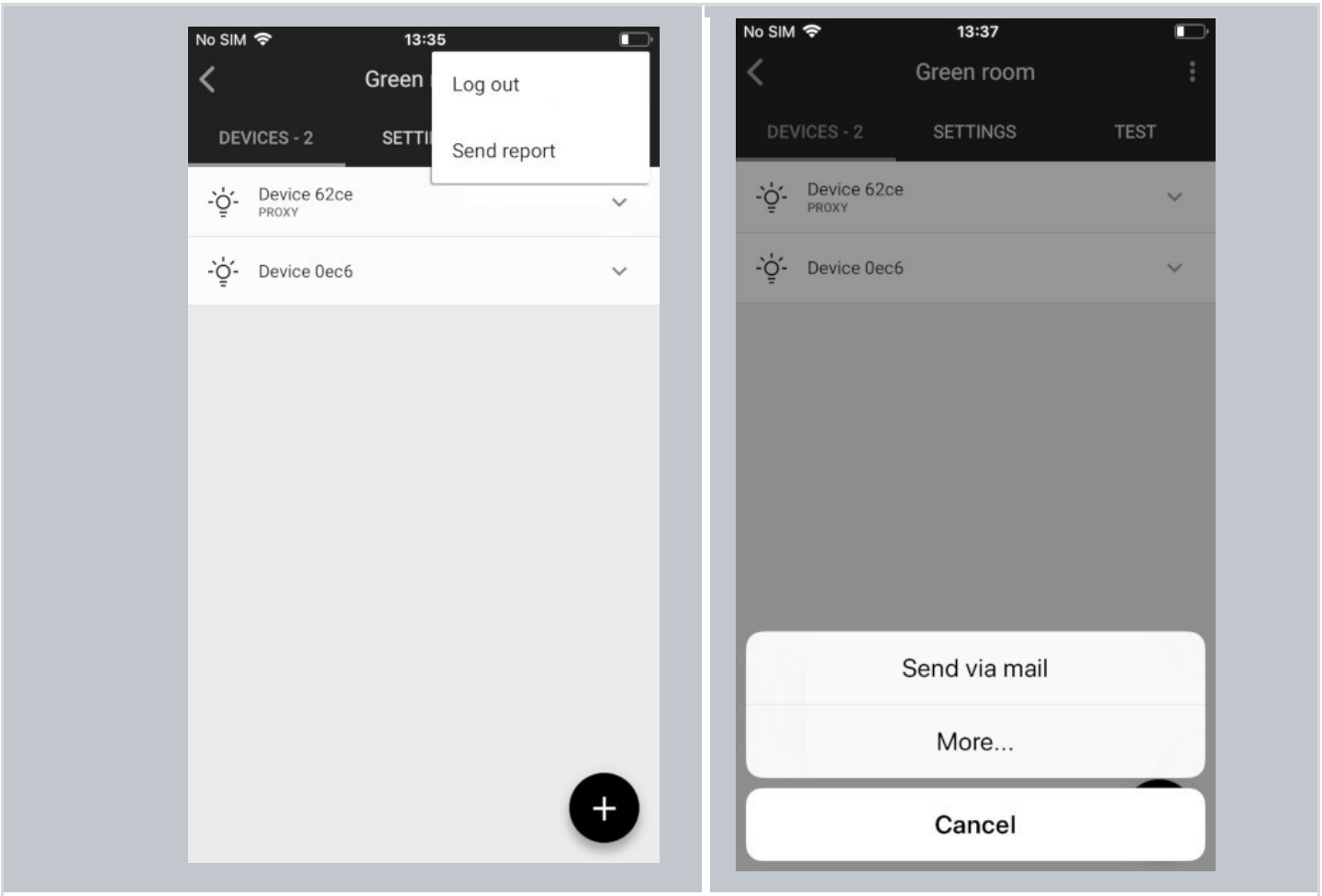
You can find a list of alerts displayed in the device details section in the SylSmart® Connected web app.

The table below describes possible solutions when a device alert has been raised:

Alert	Possible cause	Solution
Some features are not supported by the device and may not work as expected.	The device may not fully support the features required by the control profile or the SylSmart® Connected app and may not work as expected, e.g. some features have not been provided by the device manufacturer, or the device firmware version is not up to date.	Check if the device has the newest firmware installed. If not, update the firmware. Full information about OTA (Over-the-air) update and configuration details is available in *SN-208 OTA firmware update for provisioned devices*.
Risk of exceeding the RPL limit. Please check User manual.	There is a risk that the RPL (Replay Protection List) limit may be exceeded. It may show up when: ● Adding device to the zone (a luminaire, a sensor or a switch) ● Configuring a device (due to changed scenario, or changed zone linking) ● Connecting to the project using a new mobile app	Contact support.sylsmart@sylvania-lighting.com for assistance and recommendations suited to your project.
This device is not configured correctly.	The configuration of the device may have failed or been interrupted.	Repair the device. See Repair device.
The scenes on this device are not configured correctly.	The configuration of scenes may have failed.	Configure scenes. See Scenes setup.

Send diagnostic report

In the event of any unexpected behavior when commissioning devices, you can send the app logs to SylSmart® Connected for further analysis.



1. In the upper right corner, select **Send report** from the menu.
2. Choose how the logs will be sent (by email is the default).
3. Briefly describe the problem (optional, but it helps).
4. Send the report.

Commissioning report

The report can be downloaded from the web app in HTML format and includes key details of the current state of the project.

Project summary

- Details

A list of important terms:	
Commissioned on	Date from - the date when the first device was added to the project (the device may still not be in the project) Date to - the date when the last device was added to the project (the device may still not be in the project) *Example: 20 February 2020 - 23 March 2020*
Last update	The date of the last change in the project. Changes in the area, zones, and devices added to the project or configuration does not affect this date. *Example: 11 May 2020 10:12*
Mesh devices	The number of mesh devices added to the project
Companion switches	The number of unique companion switches added to the project
Mesh quality	The result of a mesh quality test for this area

- Mesh devices

A list of important terms:	
Luminaires	Number of luminaires (controller)
Occupancy sensors	Number of occupancy sensors (sensor model with the right property id)
Light sensors	Number of light sensors (sensor model with the right property id)
Emergency devices	Number of emergency devices (emergency lighting model)
Companion	Number of devices assigned to companion switches
Proxy	Number of devices with the proxy function enabled
Relay	Number of devices with the relay function enabled
ALS	Number of light sensors selected as leading sensors controlling the zone

- List of areas with basic details

Areas summary

- Floorplan image

HINT: Click the circle with the zone number to move to the section with details of the selected zone.

- Details
- Summary of mesh devices in area
- Mesh quality test result
- List of zones with basic details

NOTE: Indexes of zones, profiles may vary (not be consistent) between the reports. For example, if you download the report again after deleting one zone, the numbering of the other zones will change accordingly.

Zones summary

- Details
- Summary of mesh devices in zone
- List of devices with basic details
- Companion switches

Control profiles used in the project

A list of important terms:	
Scenario	Name of the scenario used in the profile
Devices	Number of devices in the zones with the profile assigned
Zones	Number of the zones with the profile assigned
Settings	Array of parameters used in the scenario
Scenes	Scenes A and B settings

Scheduling summary

Zone linking summary

A list of important terms:	
Zone name	Name of the zone with zone linking settings
Controlled by switches in zones	List of zones from which switches control this Zone.
Controlled by occupancy sensors in zones	List of zones from which sensors control this Zone.

Energy monitoring summary

- Energy profiles

Gateways summary

Mesh quality summary

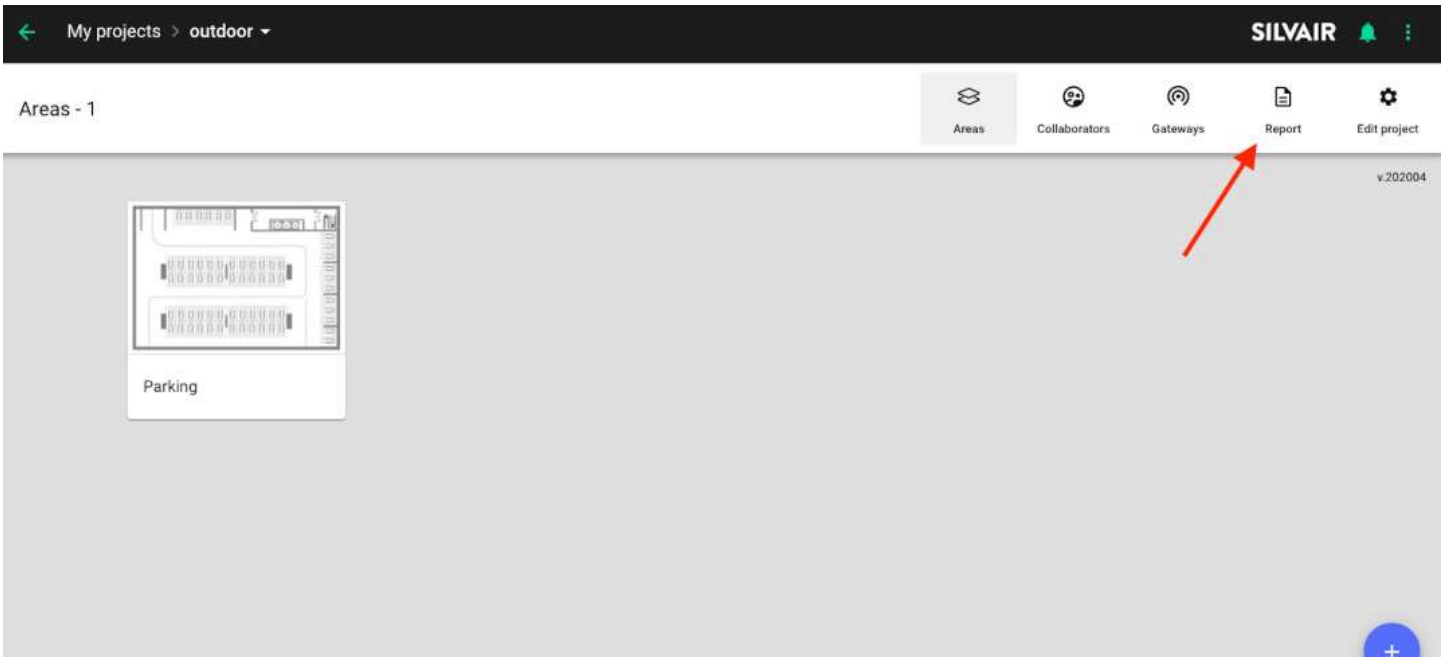
- Summary table with all areas and their mesh quality test results (areas will be shown as OUT OF DATE if a device has been added/removed or the relay function / network configuration has been changed after mesh quality tests)
- Area's summary (not shown if the area is NOT TESTED or OUT OF DATE)
    - Floorplan image
    - Details
    - Summary of mesh quality test results
    - List of zones with their mesh quality test result
- Zones summary (not shown if the area is NOT TESTED or OUT OF DATE)
    - List of devices with their mesh quality test result

List of collaborators in the project

Downloading the commissioning report

You can download the commissioning report using the web app.

1. Select the project for which you want to download the report.
2. Tap the **Report** button.



3. Confirm by pressing the **DOWNLOAD** button.
4. The report will be downloaded in HTML file format.

7. Document revisions

Revision	Date	Editor	Changes
2.27	13 April 2026	CM	Revised the sections: Introduction, Creating a lighting control plan, Create a profile, Edit a profile, User roles in the project, Title bar navigation, Commissioning on site, Log in or create an account, Select a project or area, Select a zone, Add a device, Inactive devices, Configure a device or all devices in a zone, Update devices (for iOS/iPadOS), Identify faulty luminaires in a zone, Edit a profile (for iOS/iPadOS), Change the color temperature, Calibrate daylight harvesting, Calibrate the photocell. Updated some images.
2.26	05 February 2026	CM	Revised the sections: Scenario parameters, Zone linking, Add and manage project collaborators, User roles in the project, Change user role or transfer ownership, Supporting previous versions, Updating the project to the latest version, and Title bar navigation. Created separate sections: Delete the account, Delete a project, Delete an area, Delete a zone, Duplicate a zone, and Copy a profile. Changes to other sections related to the web app. Minor edits.
2.25	25 September	CM	Changed EnOcean to companion in text and screenshots. Revised sections from *Introduction* to *Copy a profile* . Corrections in text related to adding collaborators. Minor edits and corrections.
2.24	09 June 2025	CM	Changes to Create an area and Mesh quality test. Updated the Gateway commissioning section. Corrected timing of automatic ELT result collection. Minor edits.
2.23	22 May 2025	CM	Added information about ELT with remote monitoring. Minor edits.
2.22	24 October 2024	CM	Clarified the description of the “Low/high-end trim” function. Removed that “Motion sensitivity adjustment” is available only for iOS/iPadOS. Defined the “Fade in” time for scenes.
2.21	25 September 2024	CM	Removed the “Full configuration” section and updated three screenshots.
2.20	29 Aug 2024	CM	Added information and procedures for copying a profile from one project to another. Corrected the procedure for removing a profile. Minor edits.
2.19	06 Aug 2024	CM	Removed information about old project versions that are no longer in use. Added that removing all devices and adding them again is necessary to enable the auto proxy function in already commissioned projects after an older firmware update.
2.18	31 July 2024	CM	Removed a footnote about required configuration. Added information that you can search projects and sort them by name or date. Updated screenshots to show the 'Search' field on the 'Projects' page in the mobile app. Added the Motion sensitivity adjustment section. Changed the default colour temperature from 4600 K to 4000 K. Minor edits.
2.17	08 February 2024	CM	Manual time sync is no longer needed for INS after each DST time change. Gateway events are now scheduled at the project’s local time. Added information about the support of the three most recent Android versions. If the low-end trim is set, dimming down no longer turns the light off.
2.16	16 Nov 2023	CM	Added information about the Android support. Clarified when the mobile app for iOS/iPadOS is required. Changes to Updating the project to the latest version. Added information about the default colour temperature. Corrected links to external documents. Created the Mesh functions. section and added missing functions. Updated screenshots that had the “Remove” button instead of a basket icon.

2.15	25 August 2023	EL	Updated the projects and areas views to include searching, sorting, and filtering options. Removed outdated information about a separate testing app. Revised Scheduling: in-node and gateway-based. Added information about the time sync and Syncing the time in the mesh network. Corrected the Remove devices that have no access to the mesh network section. Minor edits.
2.14	1 August 2023	EL	Added information about the support of the EnOcean PTM 216B module. Replaced two images of two switches with one image of switch buttons. Corrected description about transferring ownership.
2.13	22 March 2023	CM	Updated Hidden devices. “Restore” button was missing in the screenshot.
2.12	8 February 2023	CM	Added “Out of date” status of the mesh test. Updated the floorplan image in the Commissioning report. Changes to Light control (beta feature) and Remove a project. Added links to external documents. Corrected some internal links. Added that a zone can be manually controlled from up to 28zones. Minor edits.
2.11	25 October 2022	CM	Added information about the mesh quality test results in the commissioning report. Micro gateway section removed. Updated the content about EnOcean.
2.10	19 September 2022	GM	Changes to zone linking.
2.9	29 August 2022	AS	Updated power up behavior in the scenarios.
2.8	30 June 2022	GM	Added the Edit or delete the account section. Updated the figures on page 6 and 52.
2.7	21 June 2022	GM	Added the Emergency section.
2.6	2 June 2022	GM	Added the Control (beta feature) section. Typesetting and editorial changes.
2.5	14 April 2022	AS	Added section about scheduling.
2.4	11 April 2022	AS, GM	Added notes about color temperature.
2.3	29 October 2021	AS	Update of section “Using the EnOcean switch”
2.2	7 October 2021	ZZ	Updated the following sections: • Updating project to latest version • Monitoring
2.1	12 August 2021	LR, ZZ	Updated the following sections: • Log in & sign up • Create an area • Edit an area • Profiles • Device mesh network settings
2.0	5 July 2021	LR	Updated the following sections: • UI of Zone linking • Adding devices process
1.9	27 May 2021	LR	Added the Document revisions section, updated the Mesh quality test information, updated the commissioning reports information, added zone linking tab, and made general updates of the document.

Contact information

Support:	**Support.SylSmart®@sylvania-lighting.com**
For more information please visit:	www.sylvania-lighting.com/connected