interact

User guide

Interact Pro

Version v2.7

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Contents

This section covers the user guide for Interact Pro.

1. Monitoring

From the **Monitoring** page experts can check the energy consumption of the system in the form of an energy graph for the whole project, monthly energy consumption comparisons by group, and by generating energy reports in the form of .csv files. Experts can also monitor device health status for failed or degraded devices.

1.1. Energy consumption

Energy consumption is measured in real-time by each SR driver, SR bridge, wireless driver, switch relay and Smart T-LED. It is measured **cumulatively** from day one and has a maximum of 4% inaccuracy. Energy consumption is reported every 15 minutes over Zigbee from each device in a wireless network to its respective gateway and is then sent to the cloud and aggregated per group.

Note

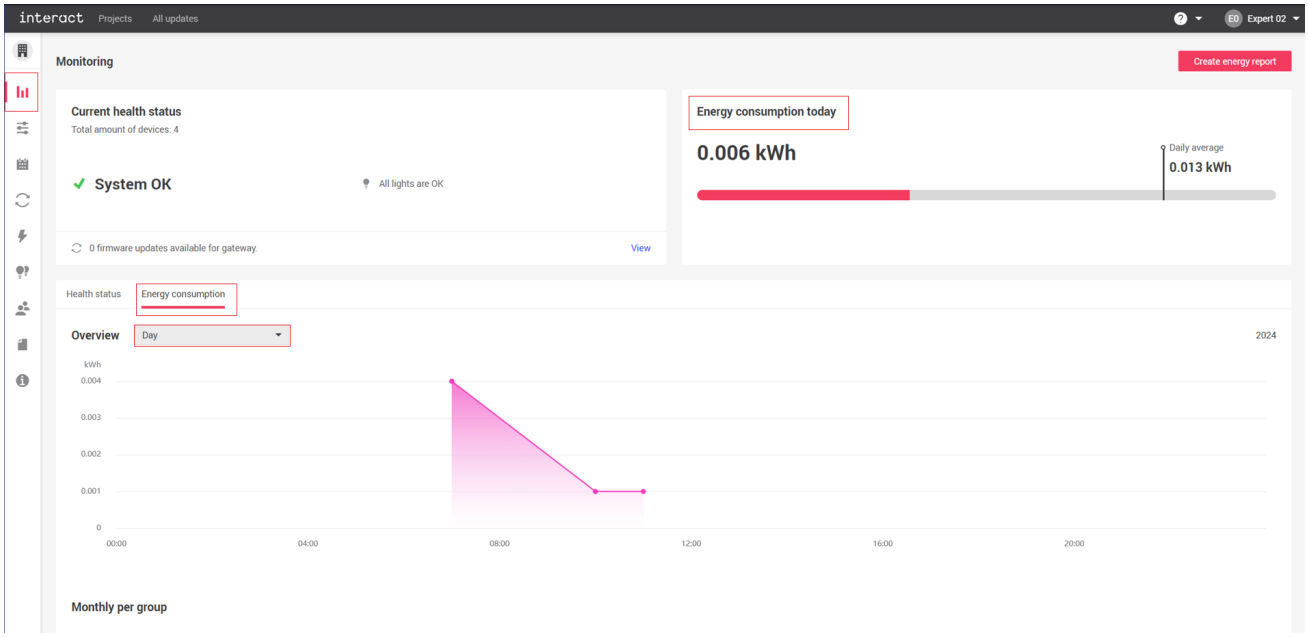
=== Energy data is accumulated within each device, which reports the total to the system. As a result, immediately after adding the gateway(s) to the system, you will likely notice an unusually high energy consumption displayed. This reflects the accumulated energy consumption data being reported initially to the gateways and does not reflect the current energy consumption. After this initial spike in energy consumption, the following readings will level out and reflect the incremental energy consumption of the system. ===

1.2. Energy consumption graph

The Energy consumption graph gives you a visual illustration of energy consumption for the entire project.

1 To see the graph, navigate to your project. The **Monitoring** page is displayed by default. If you navigate elsewhere in the project, click the **Monitoring** icon from the side panel to return to the page.

2 Go to **Energy consumption**, where the graph displays the consumption of energy by the luminaires that are present in the network (only with a gateway).



3 Use the drop down filter to view historical energy consumption by day (current day), week (current week starting from Monday), month (current month starting from 1st day of month) or year (current year starting from January 1).

4 The current day's energy consumption compared to the daily average can also be viewed in the **Energy consumption today** area of the **Monitoring** page.

1.3. Create energy report

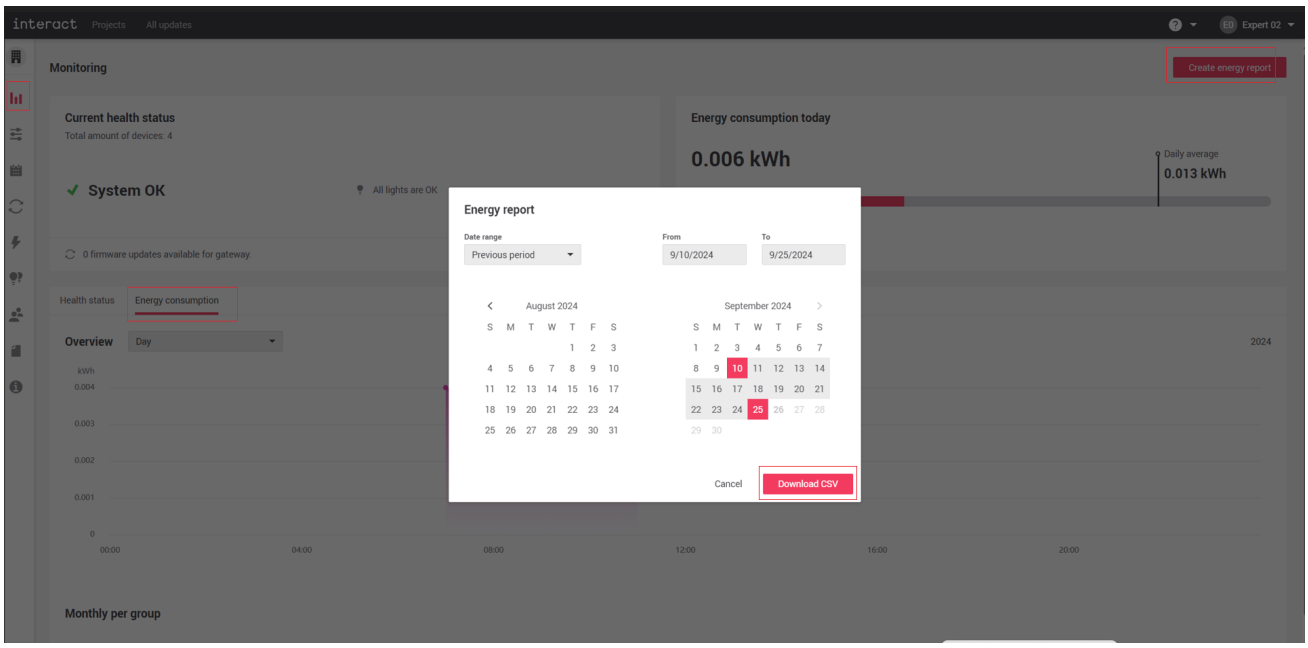
An energy report can be generated to a .csv file that can be downloaded. This report can be generated from a maximum of one year prior to the date it is generated up to the day before the report is generated. Depending on the size of the project (# of groups) and the duration period of the report, this can generate a lot of data, because every group in the project reports incremental energy consumption every 15 minutes. So for example, a project with 100 groups in it will generate 9600 rows of data per day (100 groups x 4 reports/hr x 24 hrs/day).

To create an energy report:

1 Navigate to your project. The **Monitoring** page will load by default.

2 Click the **Create energy report** button on the top right.

3 A calendar date picker appears on the page. Choose the **From** and **To** dated, then click **Download CSV**.

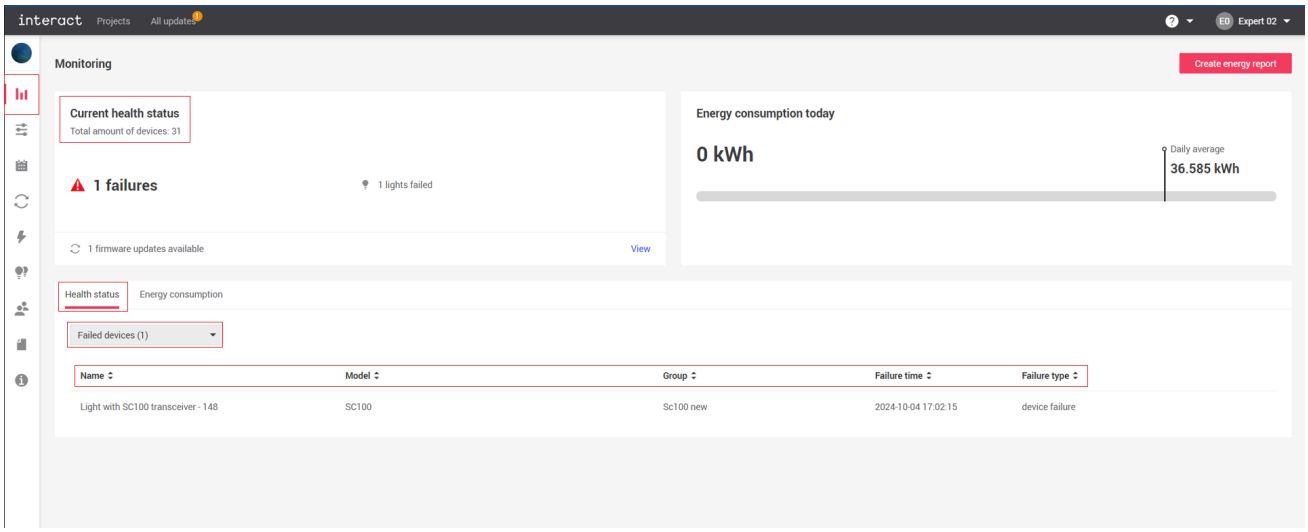


1.4. Device health status

From the **Monitoring** page dashboard, users can see the functioning status of the devices in the project. Under **Current health status**, you can see the total number of devices in the project, under which you can see the details of failed devices (if any). Clicking **Health status** from the table below will display any **Failed devices** (devices reporting a failure code to the system) by device name, model, group, failure time and the failure type. There is also a drop down filter to display Degraded lights. **Degraded lights** report any lights that are at 80% or more of the burning hours of their intended lifespan and are displayed by device name, model, group, burning hours and lifespan.

Note

=== All lights can report a failure/alert. The failure/alert is mainly about driver or LED board malfunction, e.g. short circuit. There are multiple failure types per device, which depends on the device capability of failure detection (mainly hardware or wiring problems). ===



1 Navigate to the project. The **Monitoring** page is displayed by default.

2 Click **Health status**.

3 Click the drop down filter to choose to view **Failed devices** or **Degraded lights** are seen.

4 If a luminaire’s burning hours is over 80% of its lifespan, it will be categorized as **Degraded light**, even if it is functioning well.

2. Light control

Experts and users can control the lights from anywhere with an internet connection using the Interact Pro web portal or app. For each group, they can turn it on/off, adjust the light level, adjust the color temperature of tunable white lights, or call scenes.

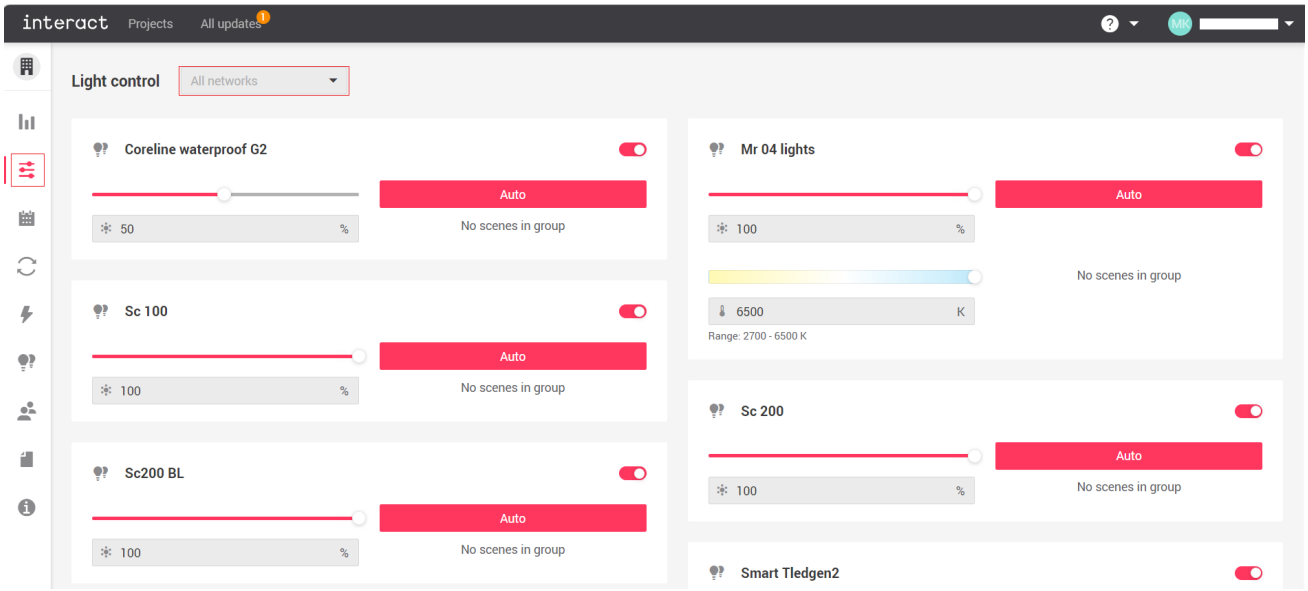
Note

=== Users will only be able to view and control groups that they have been granted access to control by an expert. ===

2.1. Light control using the web portal

1 To access remote control, navigate to your project, then click the **Light control** icon from the side panel.

2 Choose the network from the dropdown next to **Light control** (default is groups in all networks are displayed).



3 Turn-on/off the group by using the toggle in the top right corner of each group's panel. Return the group to automatic operation by clicking the **Auto** button (lights in the group will go to task level and resume normal operation). Sliders and numeric inputs are available to adjust the light level, and if applicable, the tunable white light color temperature. If scenes are configured, they are listed below the **Auto** button and can be clicked to call the scene.

Note

=== It is currently not possible to view the actual light output status, as there is no system feedback indicating the levels. The sliders may not accurately reflect the real-life light output. ===

2.2. Light control using the app

1 Navigate to the appropriate project, then tap Light control from the main project screen.

2 Tap the network that contains the group you want to control from the list in the Light control screen.

3 Tap the group you want to control.

Turn-on/off the group by using the toggle in the top right corner of the group light control screen. Return the group to automatic operation by tapping the Auto button (lights in the group will go to task level and resume normal operation). Sliders and numeric inputs are available to adjust the light level, and if applicable, the tunable white light color temperature. If scenes are configured, they are listed in the Scenes section with the Auto button and can be tapped to call the scene.

Note

=== It is currently not possible to view the actual light output status, as there is no system feedback indicating the levels. The sliders may not accurately reflect the real-life light output. ===

3. Schedules

Experts can use schedules to configure certain days of the week and times of the day to command one or more groups to:

- Turn on (task level)
- Turn off
- Go to a scene

Schedules act as a manual override, just like using a wall switch to turn the group on, off or call a scene at a certain time of day. This means that after a schedule is called, automatic behavior in groups with Auto Off behavior templates will resume once the Hold time elapses (i.e. the group remains vacant). Additionally, schedule actions can be overridden using wall switches where they exist.

Note

=== The maximum number of schedules for a project is 16. Each schedule can be configured with actions to control up to 16 different groups simultaneously. ===

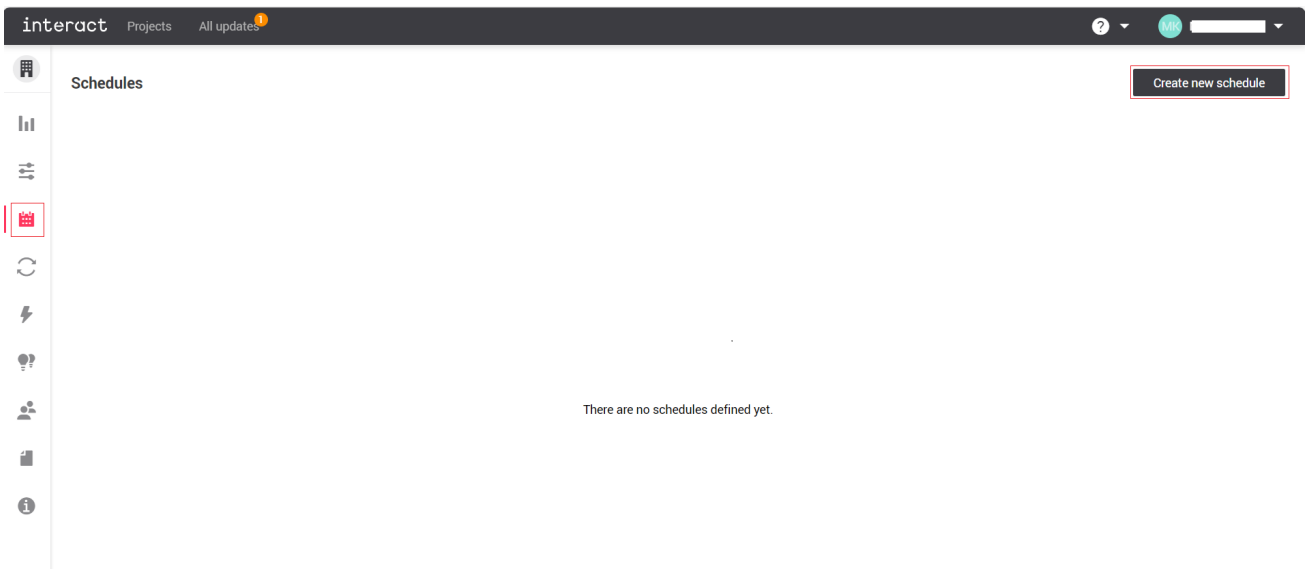
Note

=== Schedules operate on fixed days of the week (every week) and at a fixed time of day. Astronomical scheduling relative to sunrise and sunset and specific dates or date ranges are not supported. ===

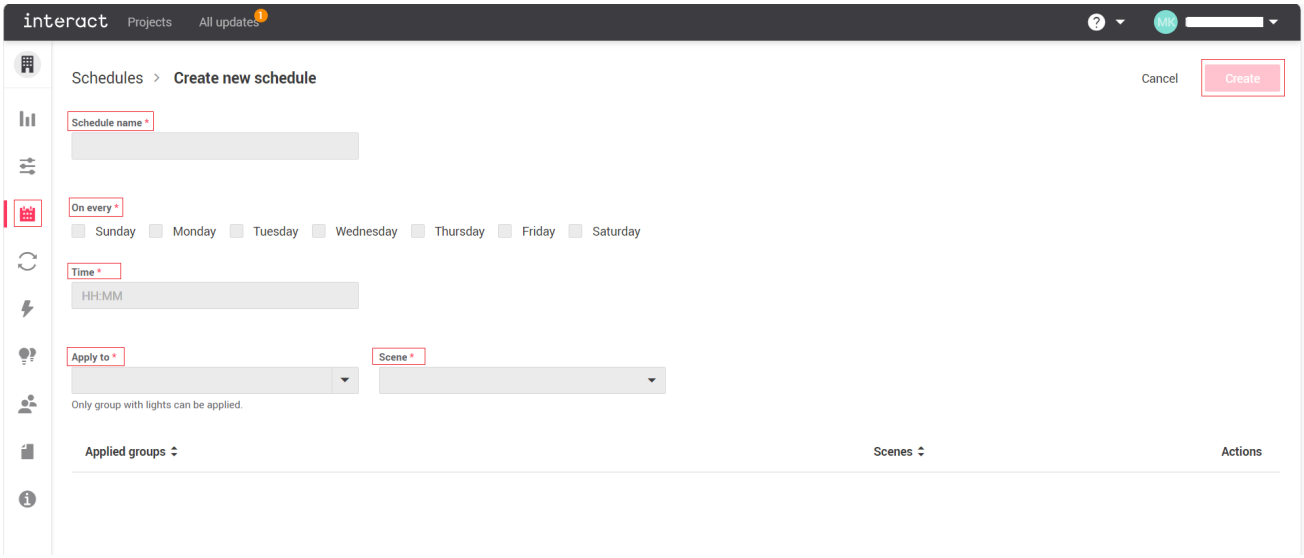
3.1. Schedules using the web portal

1 To access schedules, navigate to your project, then click the **Schedules** icon from the side panel.

2 Click **Create new schedule** on the top right.



3 Type a **Schedule name**, then click the appropriate check boxes for the days of the week you want the schedule to run on. Choose the time in 24-hour format (HH:MM) when the schedule will run. From the **Apply to** dropdown menu, choose the group for which the schedule applies. From the **Scene** dropdown menu, choose **On, Off** or any custom **Scene**. Repeat the **Apply to** and **Scene** drop down selections if necessary for other groups that will be included in this schedule (up to 16). If you add an action for a group by mistake, you can click the trash can icon beside the group in the schedule actions list to remove it from the schedule. When you are finished, click **Create** on the top right to enable the schedule.



4 To edit a previously created schedule, click on the **Schedule** icon in the side panel, click the 3-dot-ellipsis beside the appropriate schedule under the **Actions** column, then click **Edit**.

5 To delete a previously created schedule, click on the Schedule icon in the side panel, click the 3-dot-ellipsis beside the appropriate schedule under the **Actions** column, then click **Delete**.

3.2. Schedules using the app

1 Navigate to the appropriate project, then tap **Schedules** from the main project screen.

2 Tap **Create schedule**.

3 Type a **Schedule name**, then tap **Day**. From the **Choose day** screen, tap to select or de-select the appropriate days of the week you want the schedule to run on, then tap **Save**. Next, tap **Time** and choose the time in 24-hour format (HH:MM) when the schedule will run, then tap **OK**. Next, tap **Add new action**. On the **Add new action** screen, tap **Group**, tap the group for which the schedule applies, then tap **Apply**. Next, tap which action will be assigned to the group **(On, Off, Scene)**. If a **Scene** is selected, tap the **Scene** selection and choose which scene will be assigned to the action. Finally, tap **Apply**. If additional group actions are required for the schedule, repeat the process starting by tapping **Add new action**.

4 To edit a previously created schedule, tap on **Schedule** in the main project screen, tap the three-dot-ellipsis beside the appropriate schedule, then tap **Edit schedule**.

5 To delete a previously created schedule, tap on **Schedule** in the main project screen, tap the three-dot-ellipsis beside the appropriate schedule, then tap **Delete schedule**.

4. User account creation

To be added as a User to a project, an expert must invite you to the project using your e-mail address and must specify which groups you will be permitted to control. When being invited as a User to get access to your project, you will need to follow the steps to activate your account.

4.1. To activate a user account using the web portal, follow the steps below:

1 When an expert invites you to the project, you will receive an email with the steps to activate your account. Read the email, then click **Activate your account**.

2 On the resulting page, enter your first name and last name, create and repeat your account password, select your language and country, then click **Continue**.

3 Review the Interact Account Terms of Use, then click **I accept the ToU**.

4 Log in to the web portal with your new credentials. Users only have access to the **Light control** page and will be directed to that page after logging in. Users will only be able to view and control groups that they have been granted access to control by an expert.

5 To use the app, download the Interact Pro app from the application store:

- IOS: https://apps.apple.com/us/app/interact-pro/id1353793570
- Android:https://play.google.com/store/apps/details?id=com.philips.li.c4m&hl=nl

6 Log in to the app with your credentials. Users only have access to the **Light control** screen and will be directed to that screen after logging in. Users will only be able to view and control groups that they have been granted access to control by an expert.

Learn more about Interact
www.interact-lighting.com