



NUCLEUS

QUICK START GUIDE

GETTING STARTED

**Welcome to your new
Nucleus monitoring system!**

This guide will help you set up your unit,
connect it to your network, and start
monitoring your emergency lighting
system in just a few easy steps.



STEP 1

IDENTIFY YOUR UNIT

Each device comes with a unique unit code.

You'll use this code to:

- Register your unit within the application
- Assign a custom name or description for easier identification

Important:

Complete the Correlation Table before proceeding.

Use the QR code or hyperlink to access the online version and record each unit's unique ID and installation location.

Note: Unit names are limited to 20 characters. Keep names short and descriptive.



Scan
QR Code

[Click here](#)

CORRELATION TABLE

ORDER:

MATERIAL:

ORDER QTY:

DRIVER UNIQUE ID	INSTALLATION LOCATION

Tip: Label your units clearly based on their installation location [e.g., “Warehouse North Wing” or “Main Office 2nd Floor”] to simplify future maintenance and reporting.

STEP 2

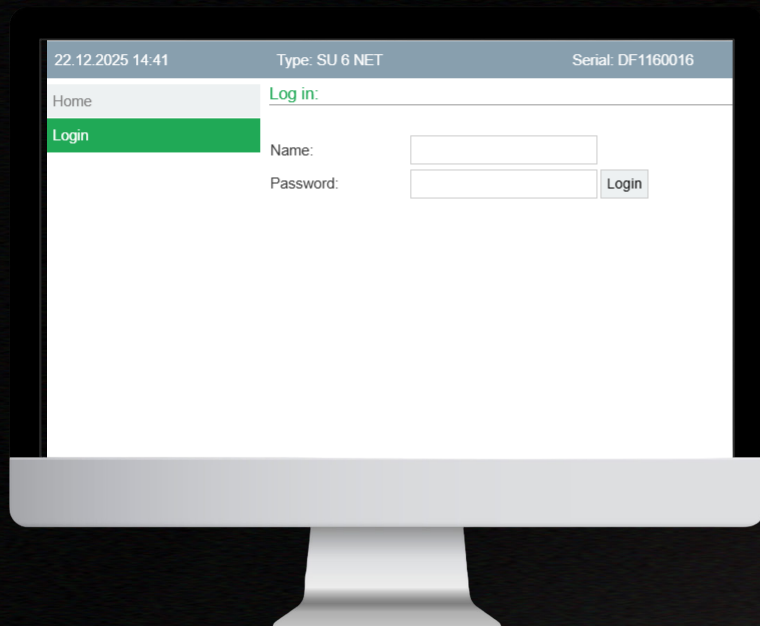
ACCESS THE INTERFACE

To connect:

1. Open a web browser on a computer connected to the same network.
2. Find the IP address directly on the screen of your Nucleus unit under the Network Settings menu.



*Input the IP address in the address bar of your browser. You must remove the unnecessary 0.
Example: 169.254.001.191 to 169.254.1.191



3. Log in using the default credentials:

- **Username:** admin
- **Password:** admin

Important: You'll be prompted to change your password on your first login.

STEP 3

SET THE UNIT NAME & LOCATION

In the **Device settings** menu:

- Assign a clear device name [ex: Stairwell E Exit Lighting].
- Enter the installation location [Building / City / Floor / Area — e.g., Building A, Montreal]
- Click **Submit**

This ensures technicians and facility managers can easily identify units in reports.

Optional: If your system includes the Powerpack option, enable it in the Powerpack section before clicking Submit.

The screenshot shows a web interface for configuring a device. On the left is a sidebar menu with the following items: Home, Device information, Device status, Device functions, **Device settings** (highlighted in green), Circuit settings, Manage settings, Network settings, Crosslink settings, E-mail settings, and User administration. The main content area is titled 'General:' and contains the following fields and options:

- Device name:** A text input field containing 'DnD base abc'.
- Owner:** A text input field containing 'Fred'.
- Location:** A text input field containing 'Vancouver'.
- Delay on mains return for non-maintained light:** A numeric input field set to '0' with a 'min' unit.
- Manual reset:** An unchecked checkbox.
- Duration time:** A dropdown menu set to '0.5' with a 'h' unit.
- Powerpack available:** An unchecked checkbox.
- Flash interval:** A text input field set to '1' with a 's' unit.
- Flash delay (0..500 ms):** A numeric input field set to '0' with a 'ms' unit.
- Activate networking of remote indication:** An unchecked checkbox.
- Lock control panel:** An unchecked checkbox.

Below the 'General' section is the 'System time:' section, which includes:

- Date:** Three input fields for day (23), month (12), and year (2025), with a label 'day month year' below them.
- Time:** Two input fields for hour (10) and minute (38), with a label 'hour:minute' below them.
- auto daylight saving time:** A checked checkbox.

At the bottom is the 'Language:' section with three radio buttons: 'English' (selected), 'Francais', and 'Deutsch'. Each section has a 'Submit' button to its right.

Important: Duration time does not refer to test duration, it defines how long your emergency luminaires will remain on during an actual power outage or evacuation event. Set this value according to your building's life-safety requirements.

STEP 4

DEFINE TESTING PARAMETERS

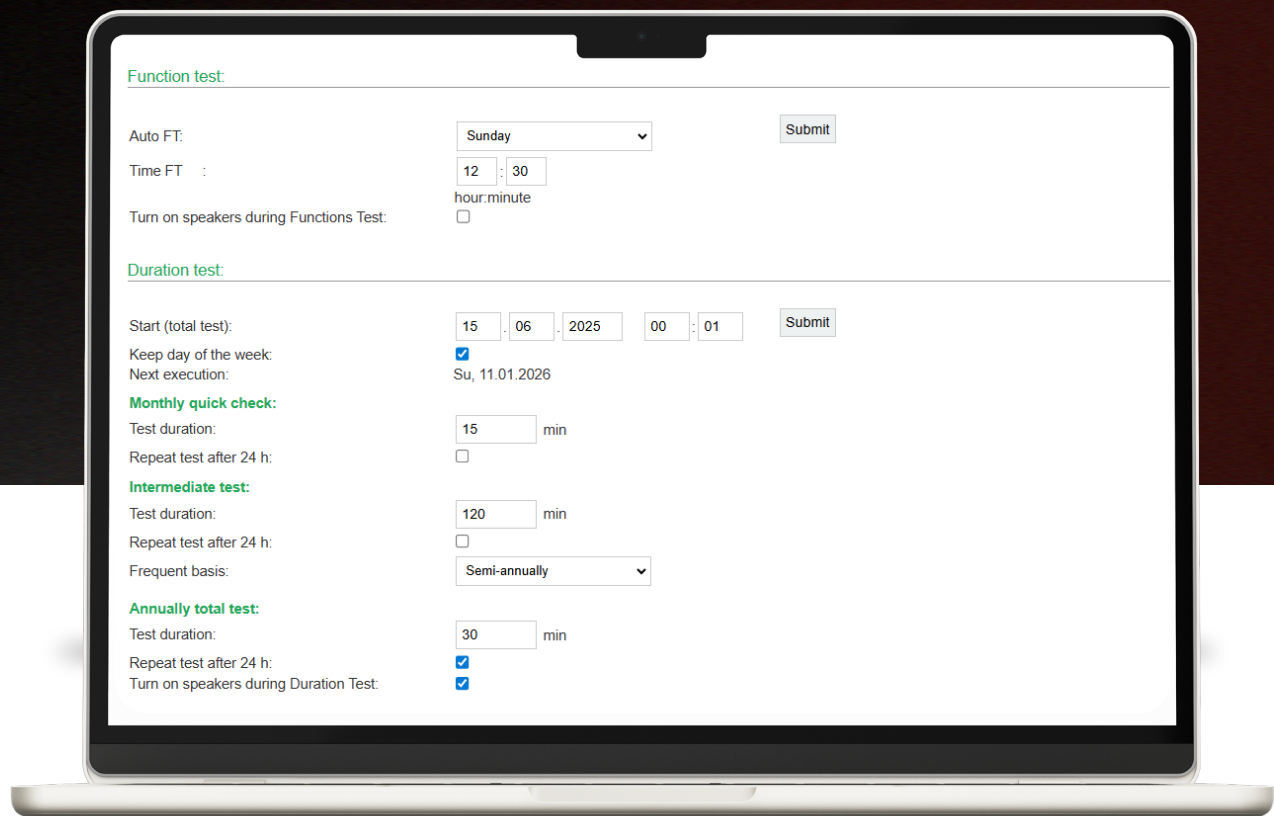
In the **Device setting** menu:

- Make sure to set the correct **time, date, and language** before configuring tests.
- Set the frequency for:
 - **Function tests:** Select the specific day when the system will perform all function tests.

→ Scroll down to Function Test to configure this setting.

- **Duration tests:** Set how long each duration test should run, based on your building's requirements.
- Once both Function Test and Duration Time settings are complete, **click Submit**.

Accurate schedules ensure compliance with building and life-safety standards, maintenance and reporting.



The screenshot shows a laptop screen displaying a configuration interface for testing parameters. The interface is divided into two main sections: "Function test:" and "Duration test:". The "Function test:" section includes fields for "Auto FT:" (set to Sunday), "Time FT:" (set to 12:30), and a checkbox for "Turn on speakers during Functions Test:" (unchecked). The "Duration test:" section includes fields for "Start (total test):" (set to 15:06:2025 00:01), "Keep day of the week:" (checked), "Next execution:" (Su, 11.01.2026), "Monthly quick check:" (checked), "Test duration:" (15 min), "Repeat test after 24 h:" (unchecked), "Intermediate test:" (checked), "Test duration:" (120 min), "Repeat test after 24 h:" (unchecked), "Frequent basis:" (Semi-annually), "Annually total test:" (checked), "Test duration:" (30 min), "Repeat test after 24 h:" (checked), and "Turn on speakers during Duration Test:" (checked). A "Submit" button is visible at the top right of the "Function test:" section.

Function test:

Auto FT: Sunday

Time FT : 12 : 30
hour:minute

Turn on speakers during Functions Test: ☐

Duration test:

Start (total test): 15 : 06 : 2025 00 : 01

Keep day of the week: ☒

Next execution: Su, 11.01.2026

Monthly quick check:

Test duration: 15 min

Repeat test after 24 h: ☐

Intermediate test:

Test duration: 120 min

Repeat test after 24 h: ☐

Frequent basis: Semi-annually

Annually total test:

Test duration: 30 min

Repeat test after 24 h: ☒

Turn on speakers during Duration Test: ☒

STEP 5

ADD UNITS TO CIRCUITS AND CONFIGURE THEIR BEHAVIOR

Once your Nucleus devices are detected on the system, assign each luminaire to a circuit and define how it operates.

1. Select the circuit you want to configure from the dropdown menu.

2. In the Functions for addressing section, click **Activate address mode**, this setting remains active even when switching between circuits.

3. Click **Search luminaires**. The system will display the number of units found on that circuit (see Figure 1.6.3 in the screenshot).

4. Confirm that the number of detected luminaires matches the number physically connected to that circuit.

5. Click **Auto address mode** to automatically assign addresses to all detected units.

→ When finished configuring a circuit, scroll down and **click Submit All Changes** before selecting the next circuit.

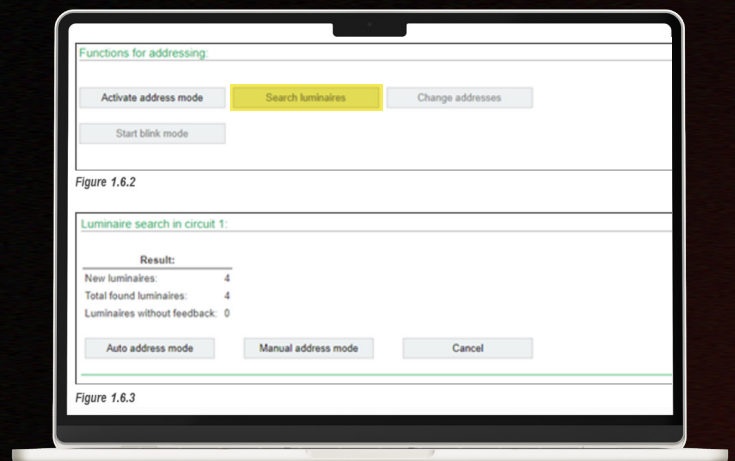
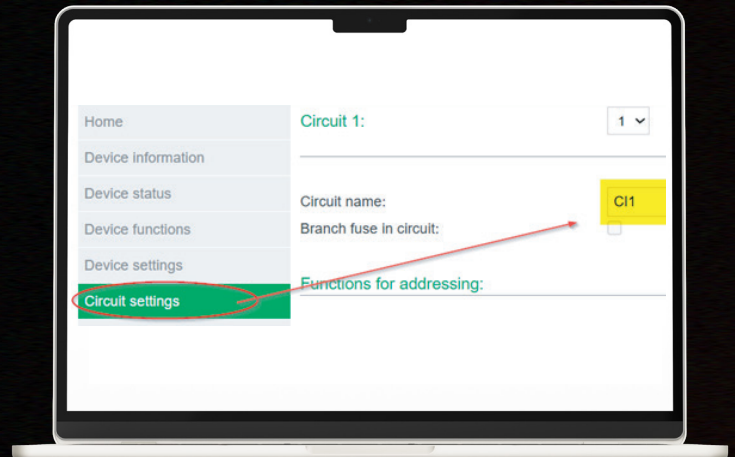


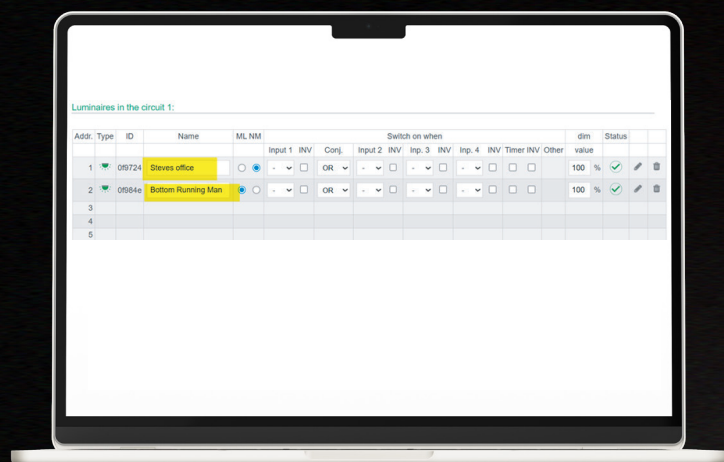
Figure 1.6.2

Luminaire search in circuit 1:

Result:
New luminaires: 4
Total found luminaires: 4
Luminaires without feedback: 0

Auto address mode Manual address mode Cancel

Figure 1.6.3

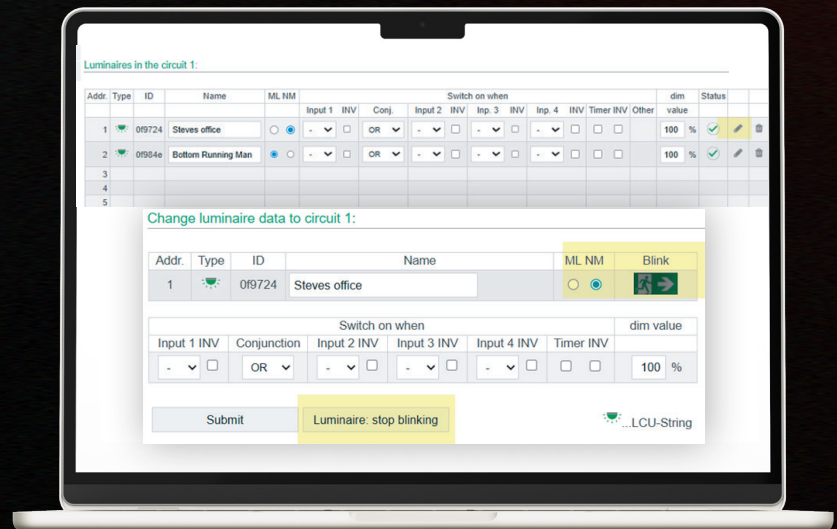


6. Name each luminaire/unit on the circuit.

→ Use the same names entered in the commissioning **Excel table in Step 1**

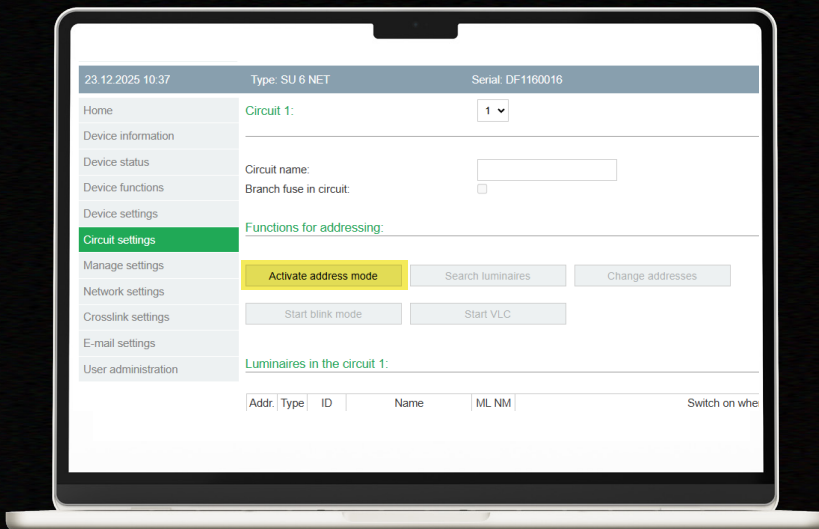
7. Set the operating mode based on how the unit is intended to function:

- **ML (Maintained Light):** The unit remains on during normal conditions and switches to battery during outage.
- **NM (Not Maintained Light):** The unit stays off in normal conditions and turns on only during outage or test.



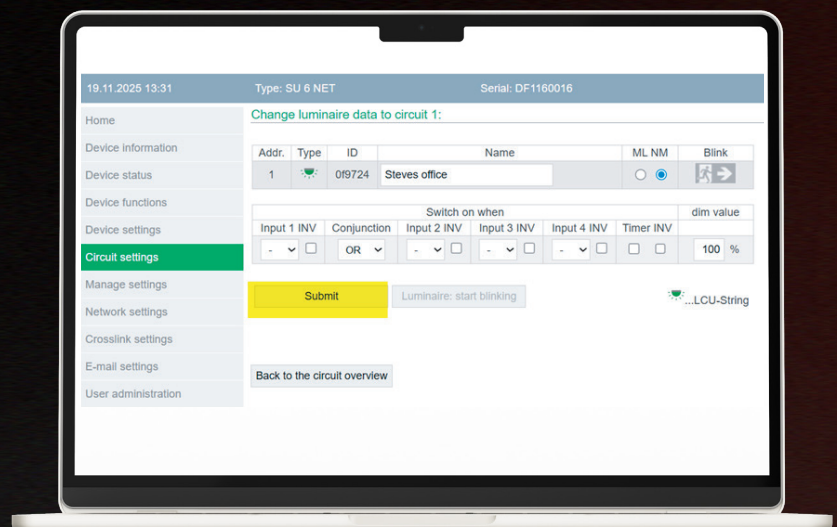
8. (Optional) Physically identify a unit:

- Use Blink Mode / Activate Address Mode to make the luminaire blink and confirm its location.
- Turn off Blink Mode once confirmed.



9. Scroll down and click Submit All Changes before moving to the next circuit.

Important: Match settings to how fixtures are wired to avoid incorrect alerts.

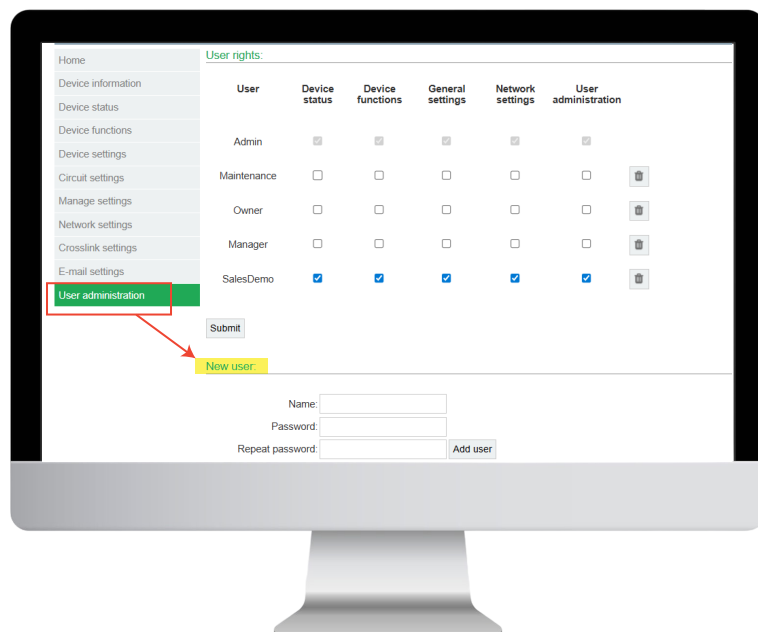
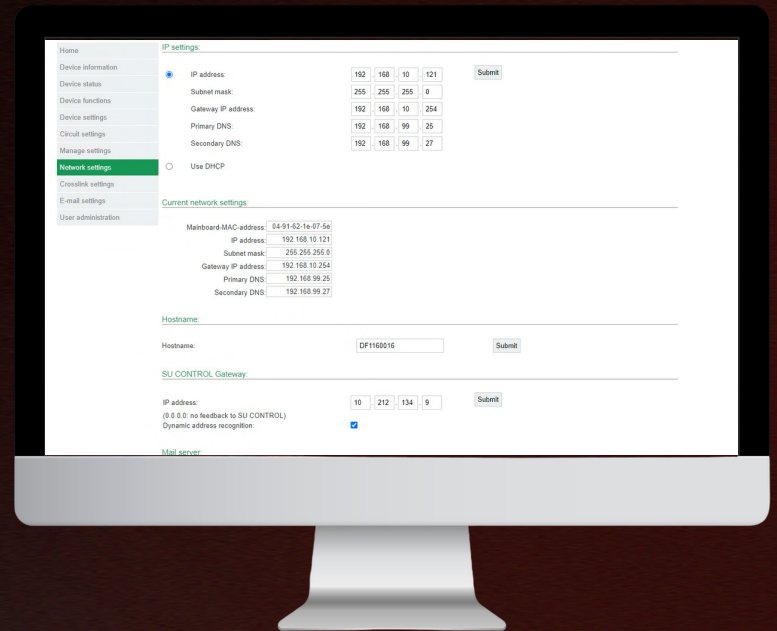


STEP 6

SET UP NETWORK & EMAIL REPORTING

Work with your IT department to configure communication settings.

*** This step is personalized depending on your company's network policies**



STEP 7

MANAGE USERS AND NOTIFICATIONS

In **User Administration**:

- Create additional user accounts
- Assign roles (Administrator, Technician, Viewer)
- Select which user right each user receives

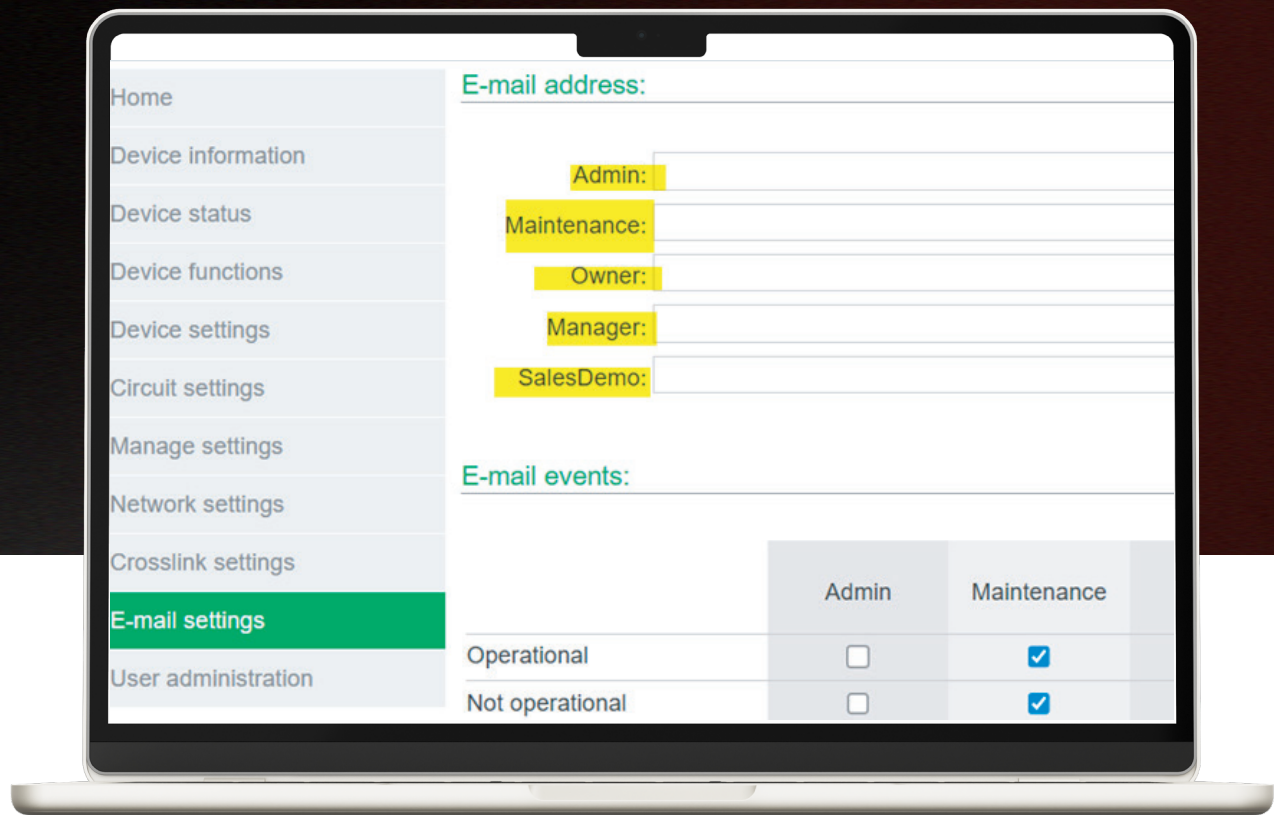
This ensures the right people receive the right information at the right time.

STEP 8

CONFIGURE EMAIL RECIPIENTS

1. Go to Email Settings
2. Enter the email addresses of those who will receive notifications
3. Save your changes

Reports and alerts will be sent directly to assigned recipients



YOU'RE ALL SET!

Your system is now ready to run scheduled tests, generate reports, and help you maintain compliance effortlessly.

For additional configuration options, refer to the **User Manual** or contact **AimLite Technical Support**.

