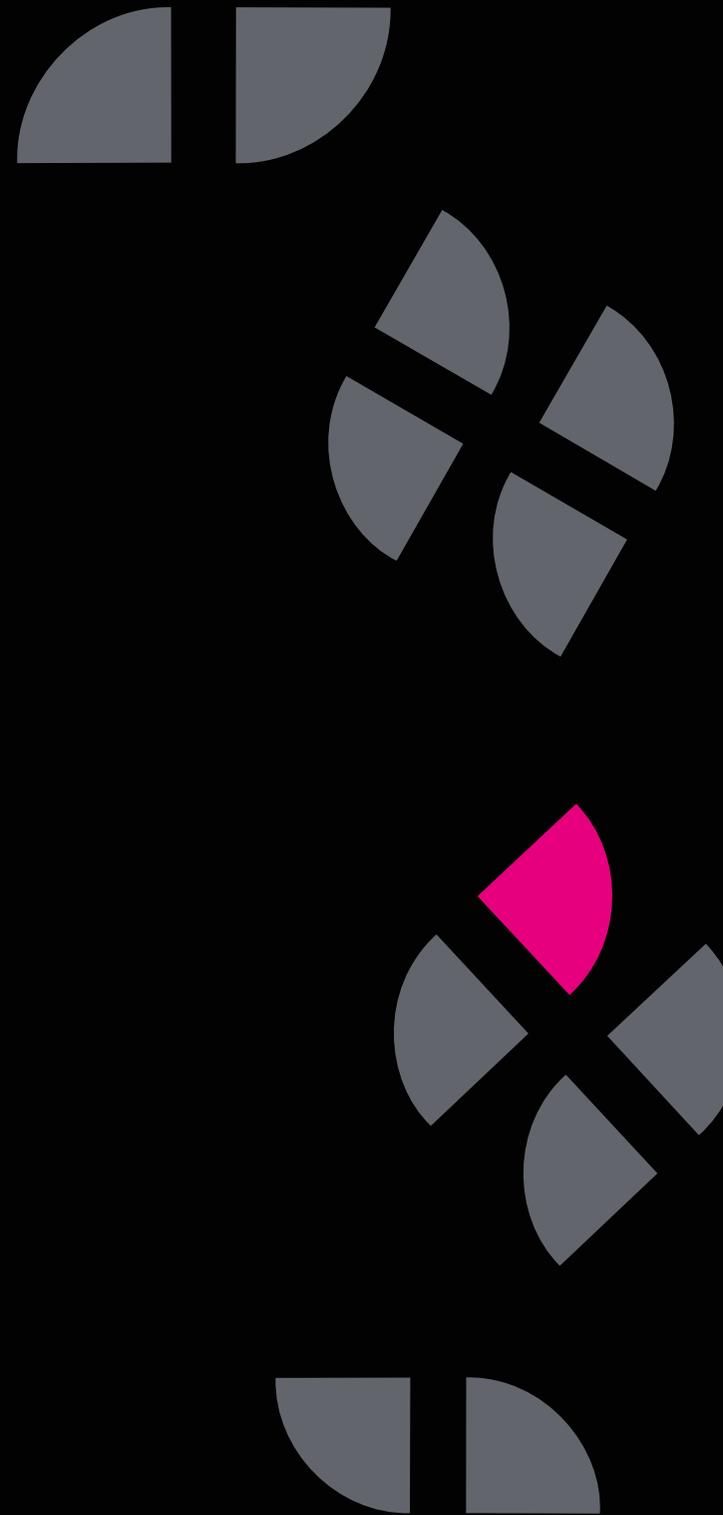




# Probe Reports



# A guide to understanding Probe Reports

Probe reports tell you how many times sensors have gone above and below their safe thresholds, i.e. if they have triggered an alarm and the duration of these instances. This guide will teach you how to view Probe Reports in Live by Invisible Systems and how to filter reports to only display the information you need.

# Step 1

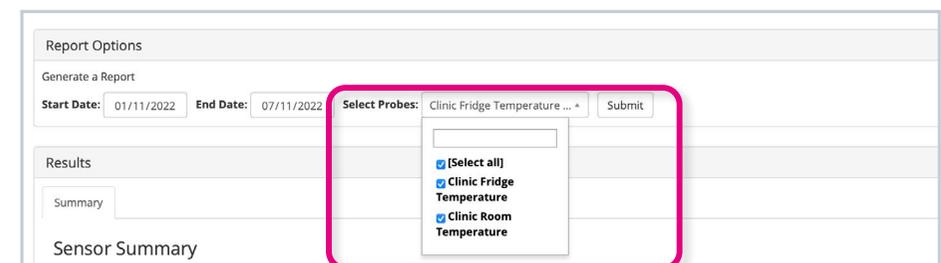
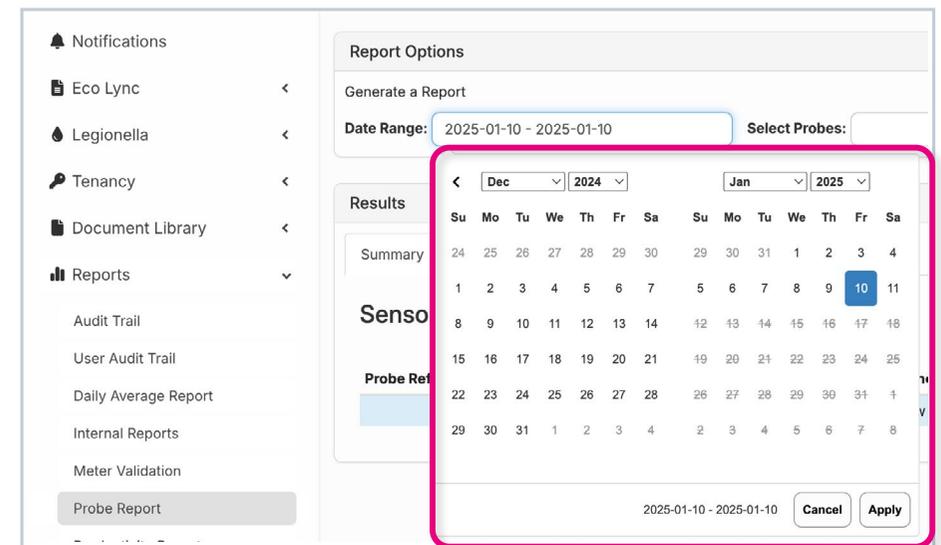
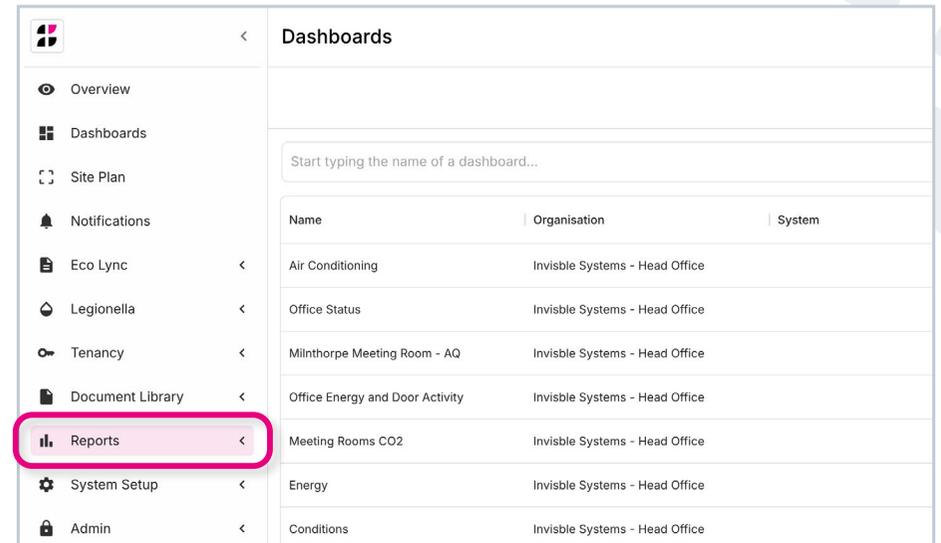
Click 'Reports' in the side menu, then select 'Probe Report'.

# Step 2

You can tailor your report under the 'Report Options' section:

- Choose a start and end date for your report. This means data will only be pulled from that time window.
- Select the sensor points for which you want to view data. You can select all by clicking 'Select all' at the top of the drop-down menu, search for a sensor point using the search bar, or simply scroll through and select each one.

Click 'Submit'.



# Step 3

A summary table will then be generated.

The table will display: the **minimum and maximum thresholds** for both day and night; the **minimum and maximum reading**; the **average temperature**, and the **Mean Kinetic Temperature (MKT)**.

The **colour next to each sensor indicates its status during the selected time window**. The colour shows whether the sensor stayed within threshold, exceeded its alarm threshold, exceeded its warning threshold, or had no thresholds.

In this example, both sensors have exceeded their thresholds at some point, as shown by the colour red.

The screenshot shows a web application interface for a 'Probe Report'. The page title is '2249-01-02 - OX - Flat - Gas'. On the left is a navigation menu with items like Overview, Dashboards, Site Plan, Notifications, Eco Lync, Legionella, Tenancy, Document Library, Reports, Audit Trail, User Audit Trail, Daily Average Report, and Internal Reports. The main content area is titled 'Probe Report' and contains a 'Report Options' section with a 'Generate a Report' button, a 'Date Range' dropdown set to '2025-01-10 - 2025-01-10', a 'Select Probes' dropdown, and a 'Submit' button. Below this is a 'Results' section with a 'Summary' tab. The 'Sensor Summary' table is highlighted with a red border. The table has columns: Probe Ref, Upper Day Threshold, Lower Day Threshold, Upper Night Threshold, Lower Night Threshold, Minimum, Maximum, Average, and MKT. The table content is currently empty, showing 'There is no data to show for this report'. In the top right corner, there is a legend for sensor status colors: green for 'Within threshold', red for 'Exceeds alarm threshold', orange for 'Exceeds warning threshold', and blue for 'No thresholds'.



Upper Day Threshold	Lower Day Threshold	Upper Night Threshold	Lower Night Threshold	Minimum	Maximum	Average	MKT
8.0 °C	2.0 °C	8.0 °C	2.0 °C	4.5 °C	8.8 °C	5.4 °C	5.5 °C
25.0 °C	15.0 °C	25.0 °C	15.0 °C	15.7 °C	26.1 °C	19.4 °C	19.7 °C

Within threshold  
Exceeds alarm threshold  
Exceeds warning threshold  
No thresholds

### Sensor Summary

**Probe Ref**

Clinic Fridge Temperature	Red bar
Clinic Room Temperature	Red bar

# Step 4

Tabs for each sensor point will be displayed across the top of the summary table.

Click on a tab to view a report for each sensor point.

# Step 5

A chart will be displayed for the chosen sensor point.

The blue line represents the sensor's temperature over the time window, while the straight red lines indicate its minimum and maximum thresholds.

Report generated for 2022-11-01 to 2022-11-07

Summary **Clinic Fridge Temperature** Clinic Room Temperature

### Sensor Summary

Probe Ref	Upper Day Threshold	Lower Day Threshold	Upper Night Threshold	Lower Night Threshold
Clinic Fridge Temperature		8.0 °C	2.0 °C	8.0 °C
Clinic Room Temperature		25.0 °C	15.0 °C	25.0 °C

Report generated for 2022-11-01 to 2022-11-07

Summary Clinic Fridge Temperature **Clinic Room Temperature**

Print

Profile for period 2022-11-01 to 2022-11-07

The chart displays the temperature profile for Clinic Room Temperature from November 1st to 8th. The y-axis ranges from 14 to 28 degrees Celsius. A blue line represents the temperature, which fluctuates between approximately 16°C and 26°C. Two horizontal red dashed lines indicate the upper and lower thresholds at 25.0°C and 15.0°C respectively. The temperature stays below the upper threshold but exceeds the lower threshold for a period.

Probe Ref	Clinic Room Temperature
Upper Day threshold	25.0 °C
Lower Day threshold	15.0 °C
Upper Night threshold	25.0 °C
Lower Night threshold	15.0 °C
Minimum	15.7 °C
Maximum	26.1 °C
Average	19.4 °C
MKT	19.7 °C

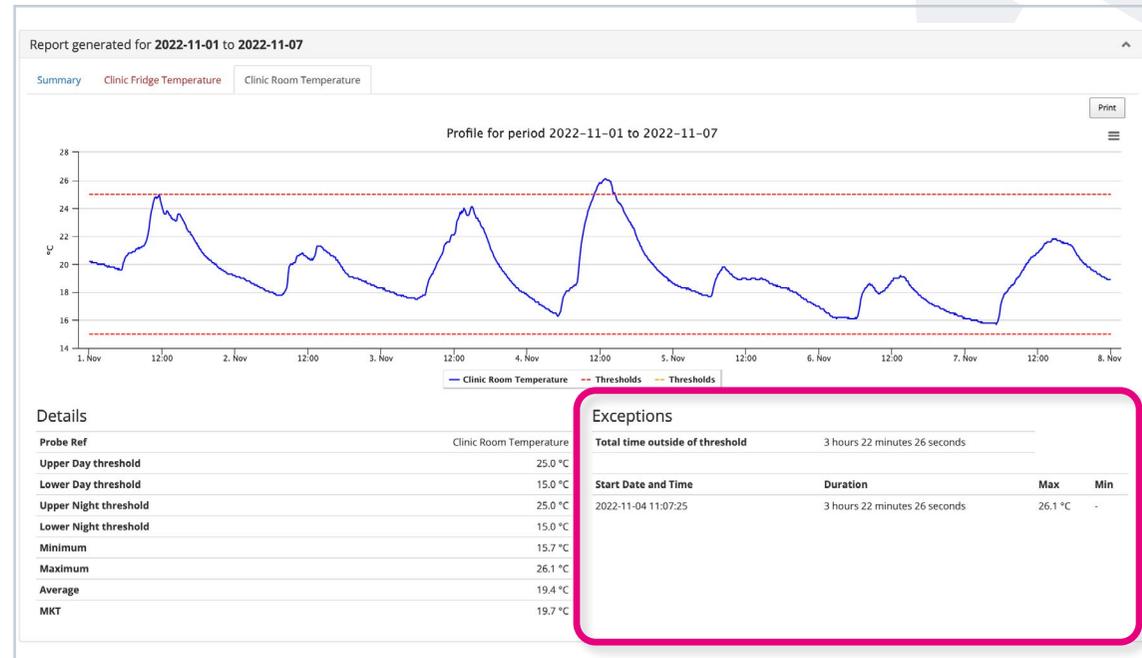
Exceptions			
Total time outside of threshold	3 hours 22 minutes 26 seconds		
Start Date and Time	Duration	Max	Min
2022-11-04 11:07:25	3 hours 22 minutes 26 seconds	26.1 °C	-

# Step 6

Next to the details of the sensor, you'll also see a section containing information about exceptions. **Exceptions are when a sensor slips out of its thresholds.**

The details here tell you **when the instance happened, its duration, and the reading** that caused the sensor to exceed its maximum or minimum threshold.

Please note that **not all exceptions mean an alarm was triggered** - it counts for ANY time a threshold was breached. For example, if you've set up a 30-minute delay time between a threshold being breached and an alarm being triggered, and the sensor returned to safe limits within that 30 minutes, the instance would still be shown here as an exception.



### Exceptions

Total time outside of threshold	3 hours 22 minutes 26 seconds		
Start Date and Time	Duration	Max	Min
2022-11-04 11:07:25	3 hours 22 minutes 26 seconds	26.1 °C	-

# Step 7

Above the chart on the right-hand side, you'll see a 'Print' button and three horizontal lines.

Click 'Print' to print your report right away.

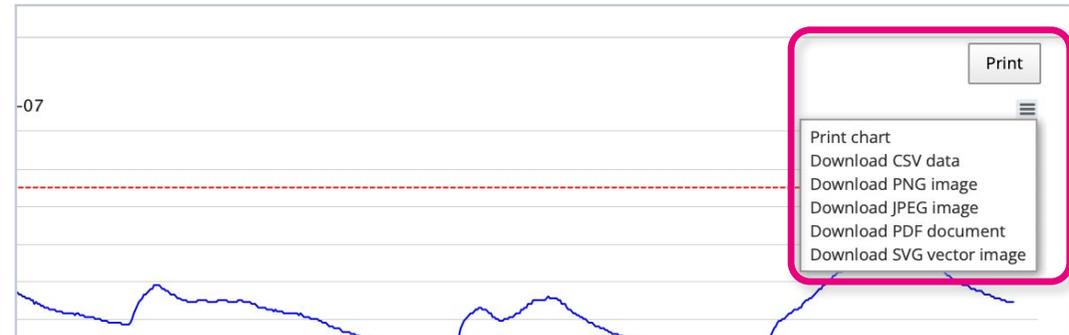
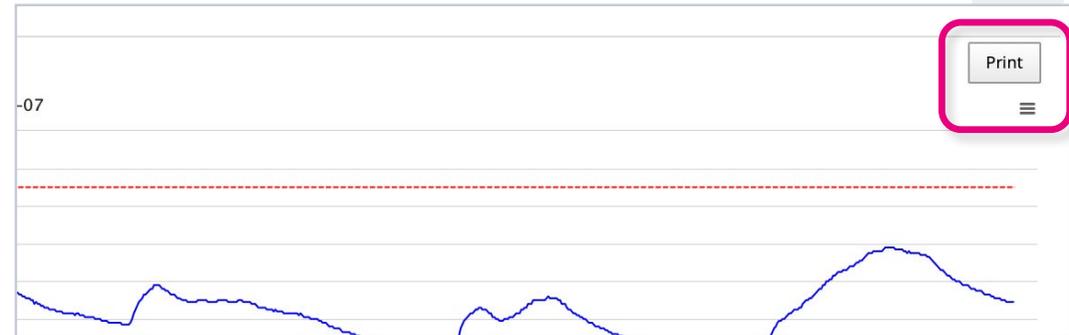
Click the three lines to view options for downloading the report in various formats.

Similarly, you'll find three options on the summary page: 'Print Summary', 'Print Report' and 'CSV'.

'Print Summary' lets you print only the summary table.

'Print Report' will print the summary table and the reports for each sensor.

'CSV' allows you to download the summary as a CSV file.



A screenshot of a summary table. The table has columns for 'Lower Night Threshold', 'Minimum', 'Maximum', 'Average', and 'MKI'. The 'CSV', 'Print Summary', and 'Print Report' buttons are highlighted with a pink box.

	Lower Night Threshold	Minimum	Maximum	Average	MKI
8.0 °C	2.0 °C	4.5 °C	8.8 °C	5.4 °C	5.5 °C
5.0 °C	15.0 °C	15.7 °C	26.1 °C	19.4 °C	19.7 °C

If you require any additional training, please contact  
[help@invisible-systems.com](mailto:help@invisible-systems.com)

