

Helvar

100 YEARS

Helvar

# Helvar Insights – monitoring platform

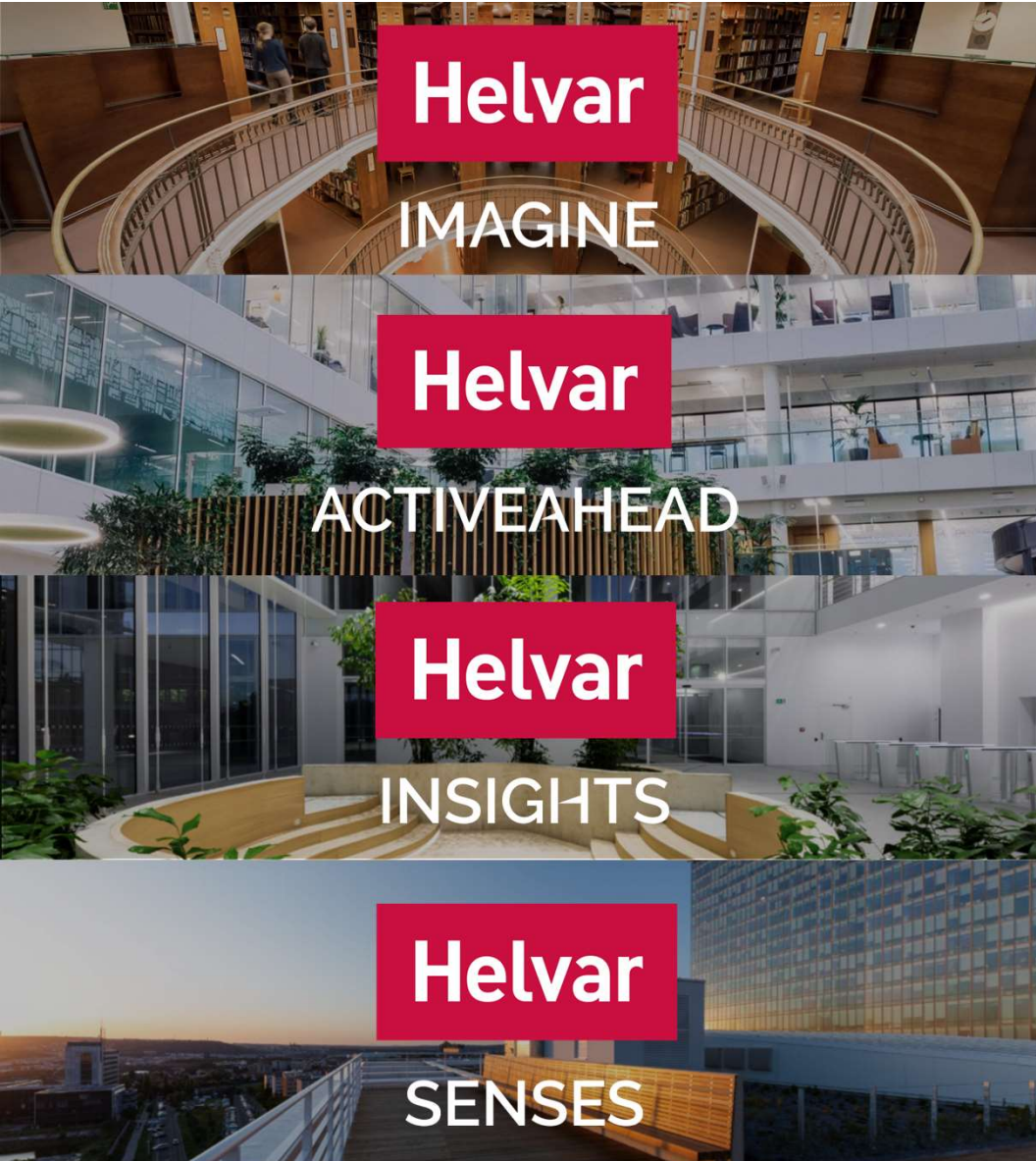
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PRZEMYSŁAW SKORUPA  
Regional Director East Europe

Batumi, Georgia  
14.11.2024

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Helvar

IMAGINE

Helvar

ACTIVEAHEAD

Helvar

INSIGHTS

Helvar

SENSES

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*WIRED*

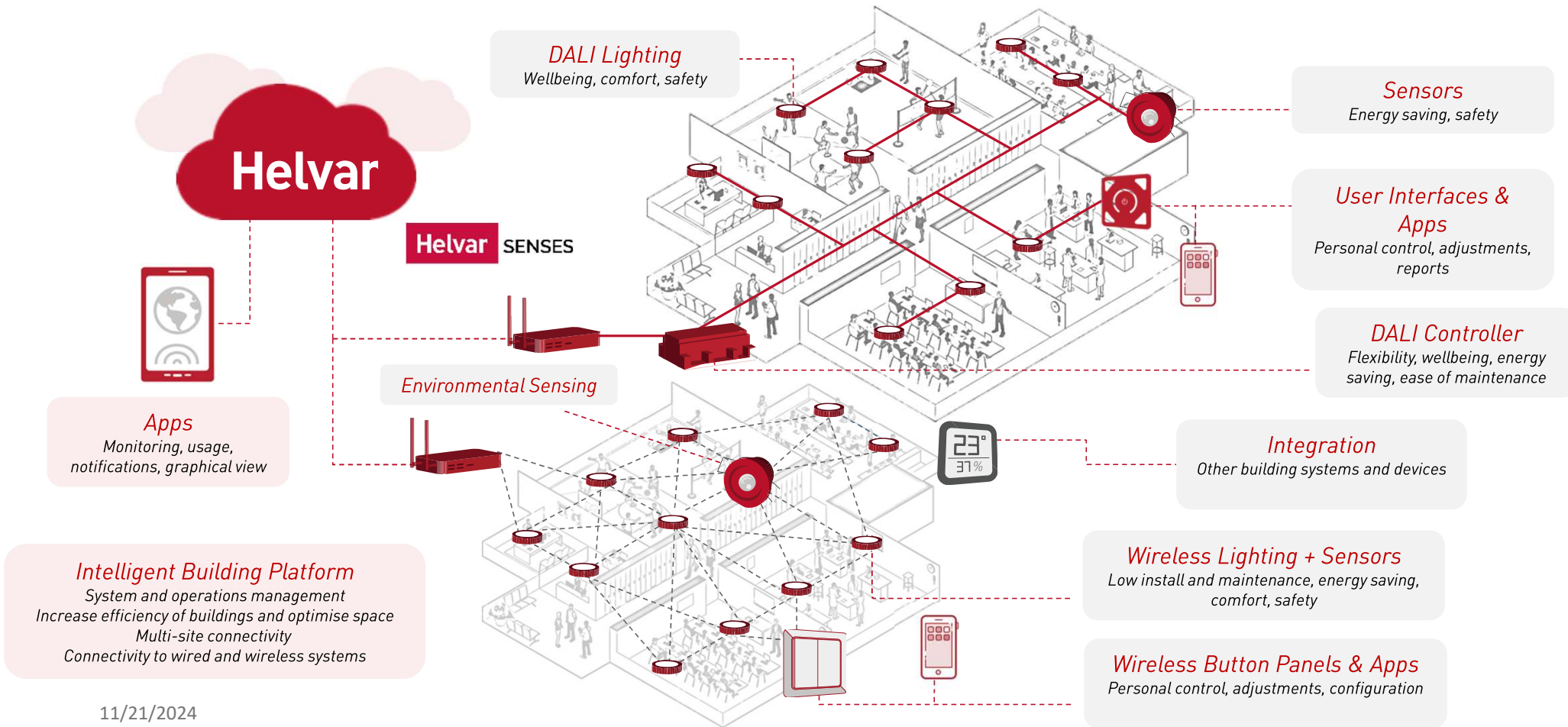
*WIRELESS*

*HYBRID*

*CLOUD*

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# Total Offering Overview





**Helvar**

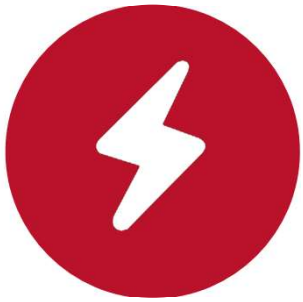
**INSIGHTS**

**Helvar**

**Helvar Insights** is a cloud-based lighting management platform designed to streamline maintenance, enhance operational efficiency and provide valuable information on the environmental conditions in your spaces.

# Overcoming Electrical Engineering Challenges

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## *Energy efficiency optimisation*

Identifying energy-intensive areas, suggesting adjustments, and tracking savings.



## *Lighting system troubleshooting*

Analysing system data to pinpoint issues and accelerate resolutions remotely.



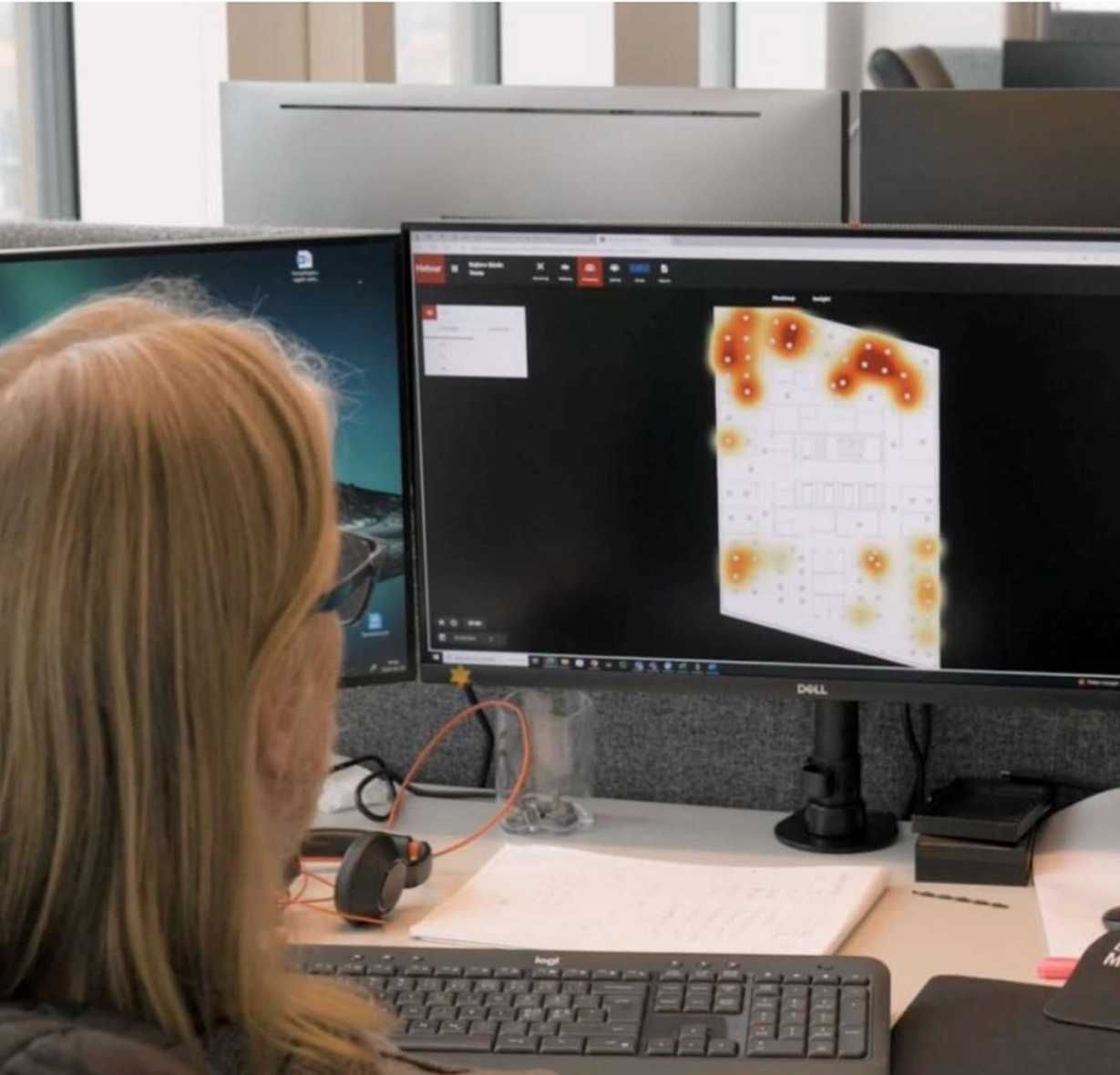
## *Predictive maintenance*

Monitoring equipment performance to prevent failures and minimise downtime.



## *Compliance with building regulations*

Generating reports and data to demonstrate adherence to building standards and sustainability reporting.

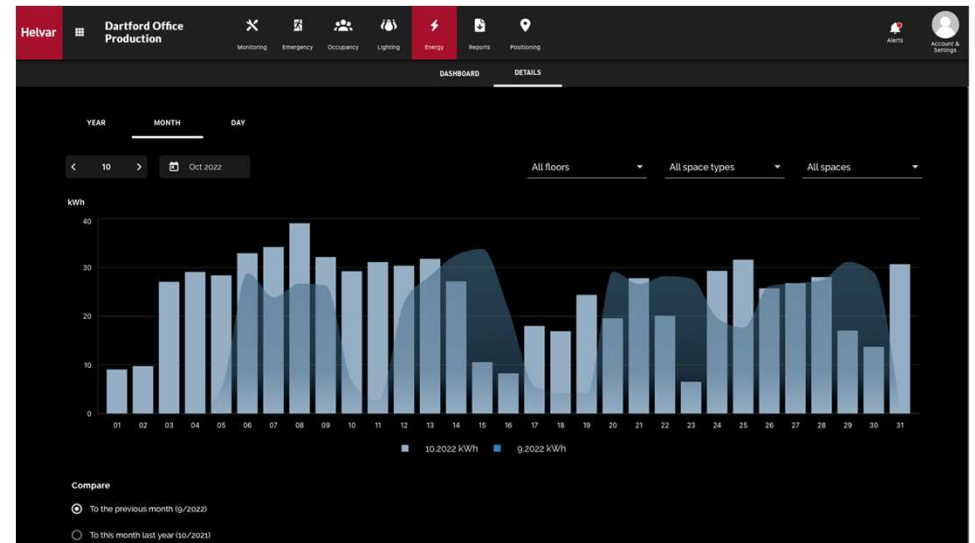


Closing the  
energy  
Performance Gap

*INSIGHTS*  
*DATA*

# Data-driven decision making and easy maintenance

Helvar



Monitoring and Reporting



Floorplan Visualisation



Insight



Alerts



Notifications

Monitoring & Control, Operating Insights,  
Occupancy Insights, Wellbeing Insights

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**INSIGHTS**

# Monitoring & Control

The screenshot displays the Helvar monitoring interface. At the top, a navigation bar includes the Helvar logo, the location 'Helvar Espoo HQ', and several functional icons: Monitoring (selected), Wellbeing, Emergency, Occupancy, Lighting, Energy, and Reports. On the right side of the navigation bar are 'Alerts' and 'Account & Settings'.

Below the navigation bar, there are two tabs: 'Alerts' (active) and 'Burn Hours'. A dropdown menu on the left shows 'Helvar HQ 4'. The main area features a floor plan with numerous circular icons representing devices. One icon is highlighted in green, indicating an alert.

On the right side, a detailed alert panel is visible, containing the following information:

- 434 - EnOcean Gateway 434
- En Ocean Gateway 434
- [Helvar Espoo HQ, floor Helvar HQ 4](#)
- Processing...
- Alert**
- HIGH: Missing** (with a '19d' badge)
- 29/05/2024 16:03
- This device has lost connection with the network and will no longer be working correctly. Check there is power to the device and there are no cabling issues such as shorts breaks or loose connections.
- Device info (dropdown arrow)
- Alerts history (dropdown arrow)

# Monitoring & Control

The screenshot displays the Helvar monitoring and control interface. At the top, a navigation bar includes the Helvar logo, the location 'Helvar Espoo HQ', and icons for Monitoring, Wellbeing, Emergency, Occupancy, Lighting (highlighted in red), Energy, and Reports. On the right side of the navigation bar are icons for Alerts and Account & Settings.

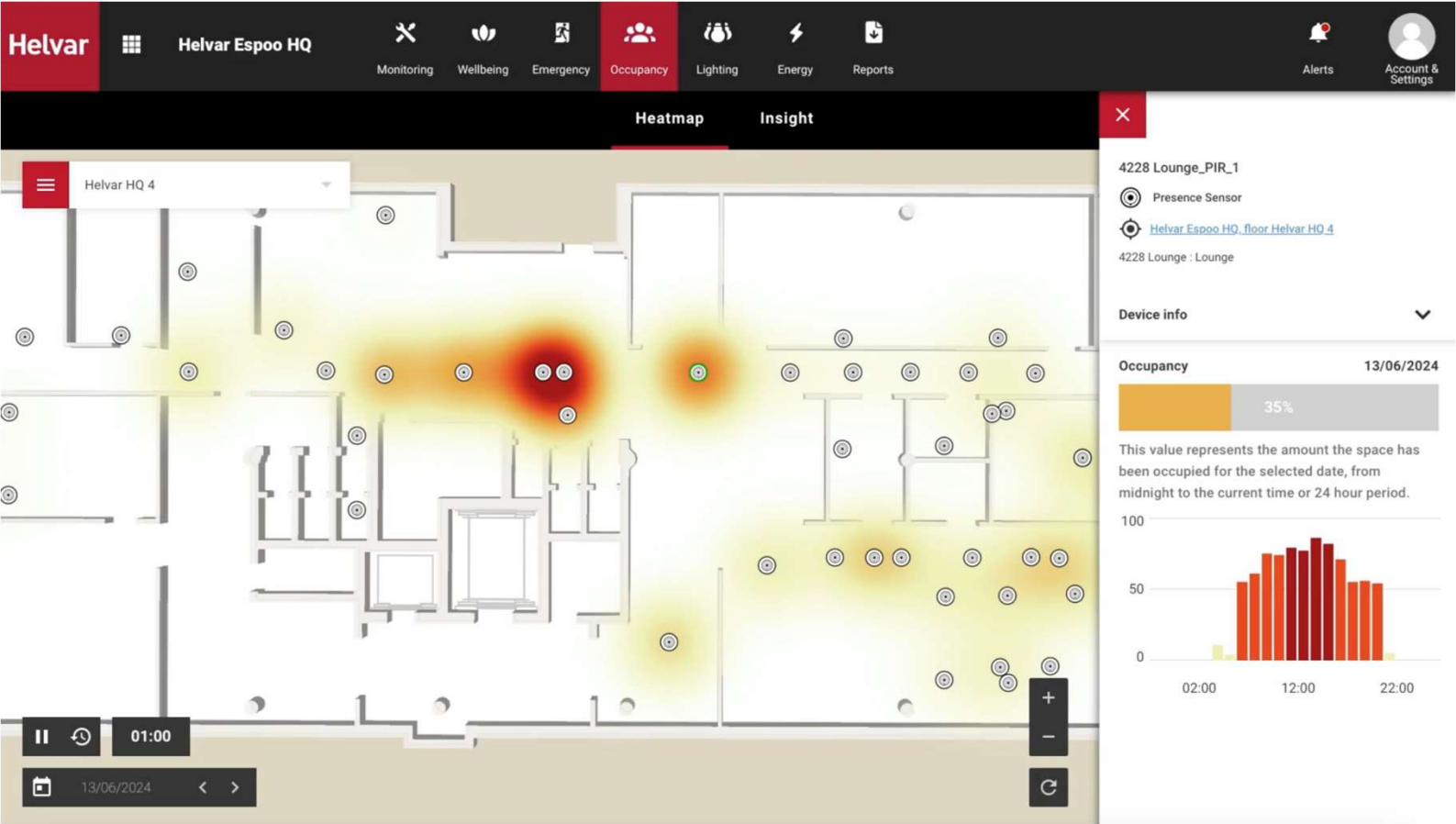
The main area shows a floor plan of 'Helvar HQ 4'. A left-hand sidebar lists 'FLOORS' and 'DEVICES'. Under 'FLOORS', 'Helvar HQ Garage -1' and 'Helvar HQ 4' are listed. The floor plan itself is populated with numerous yellow circular icons representing lighting devices. A vertical control panel on the right side of the floor plan features a '+' button, a '-' button, and a 'C' button.

On the right side of the interface, a 'New schedule' configuration panel is open. It includes the following fields:

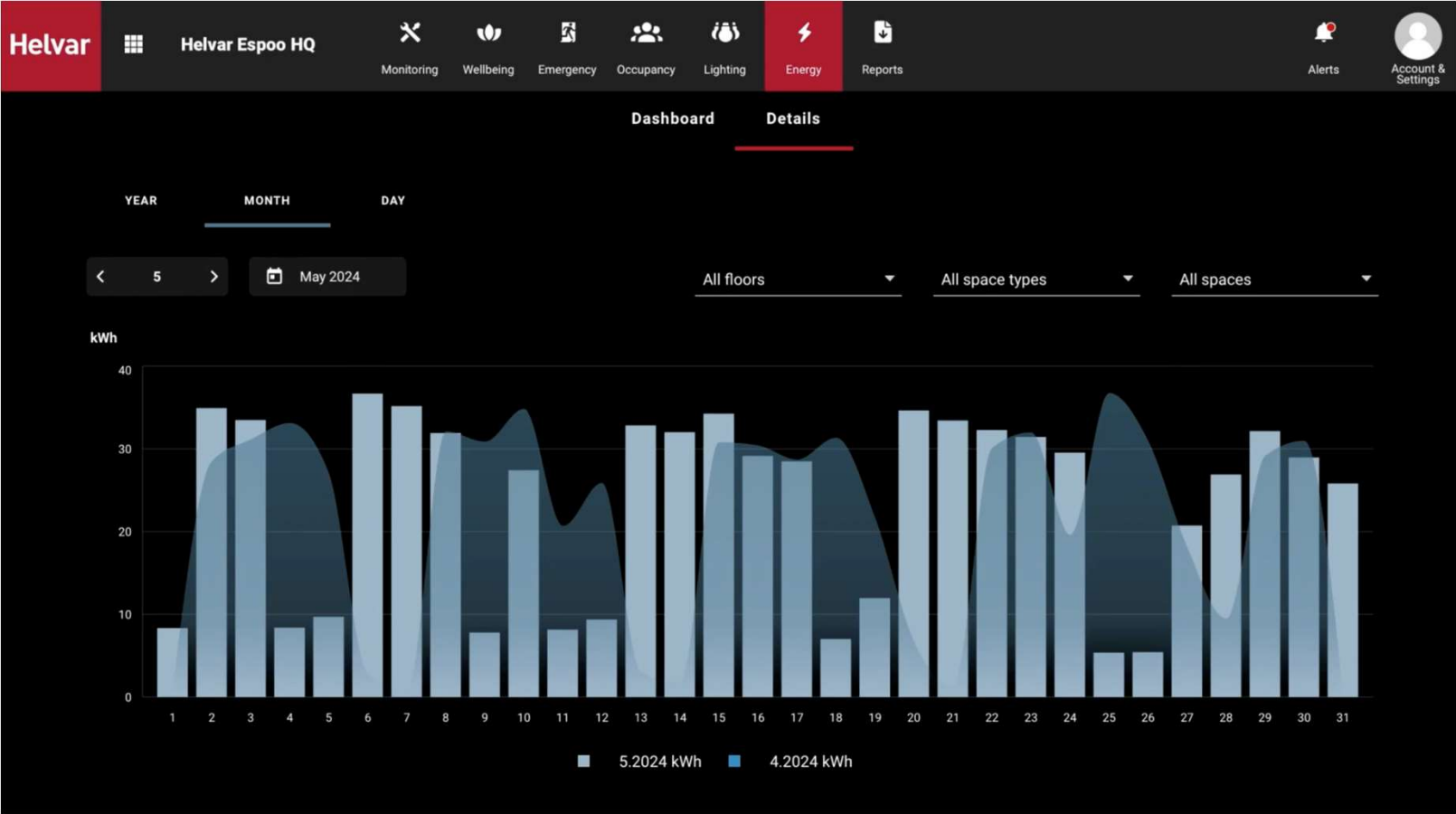
- Add Title:** Afternoon
- Location:** Finland, Espoo, 02150, Uusimaa, Keilaranta 5
- Scenes:** 75%
- Start:** 17 Jun 2024, 14:00
- Frequency:** Every 1 days
- End:**  Never,  18 June 2024
- Add exclusion:** (dropdown menu)

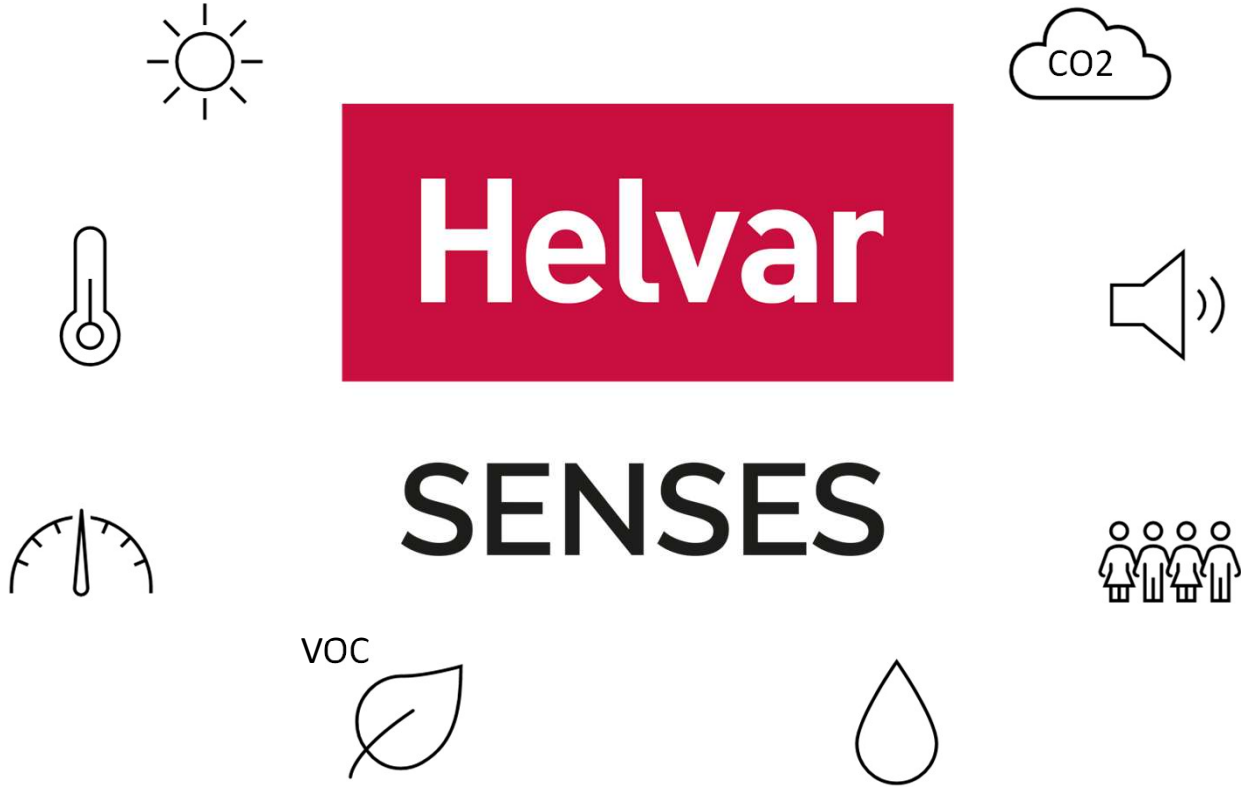
A red 'Create' button is located at the bottom of the 'New schedule' panel.

# Occupancy Insights



# Operating Insights



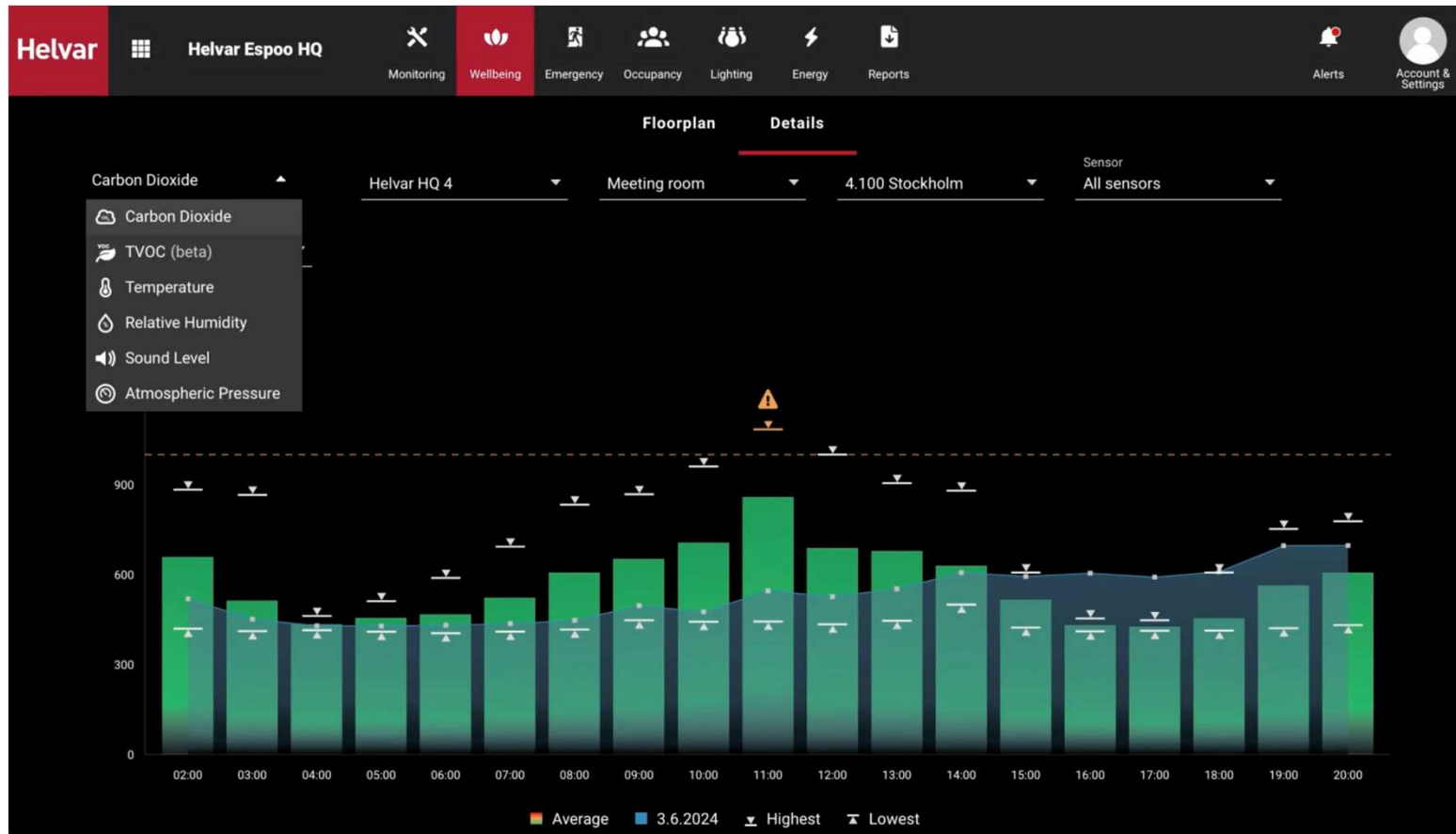


# Wellbeing Insights



The screenshot displays the Helvar software interface for 'Helvar Espoo HQ'. The top navigation bar includes icons for Monitoring, Wellbeing (active), Emergency, Occupancy, Lighting, Energy, and Reports. A secondary bar shows 'Floorplan' and 'Details' tabs. The main area shows a floorplan for 'Helvar HQ 4' with a sensor icon highlighted in orange. A right-hand panel displays an alert: 'MEDIUM: Volatile compound levels are above normal' with a timestamp of '19/06/2024 12:26' and a '30m' duration. Below the alert is a list of environmental data metrics: Carbon Dioxide, Total Volatile Organic Compounds (beta), Temperature, Relative Humidity, Ambient Light, and Sound Level, each with a dropdown arrow.

# Wellbeing Insights



# Emergency Tests

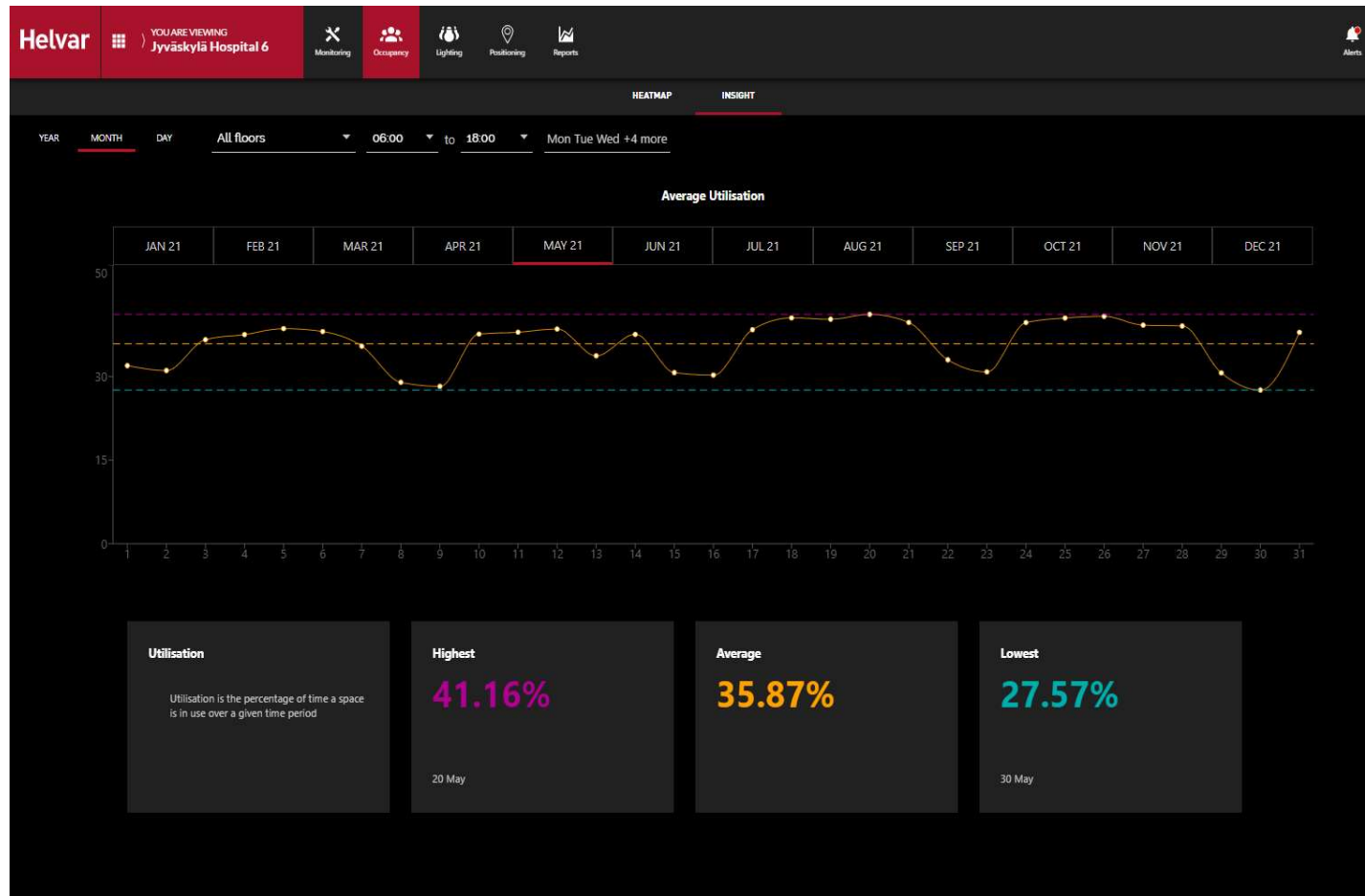


The screenshot shows the Helvar user interface for emergency tests. At the top, a navigation bar includes the Helvar logo, the location 'Helvar Espoo HQ', and several functional icons: Monitoring, Wellbeing, Emergency (highlighted in red), Occupancy, Lighting, Energy, and Reports. On the right side of the navigation bar are 'Alerts' and 'Account & Settings'.

Below the navigation bar, there are two tabs: 'History' and 'Floorplan', with 'Floorplan' being the active tab. On the left side, a sidebar menu is open, showing a dropdown for 'Helvar HQ Garage -1' and two sections: 'FLOORS' (with 'Helvar HQ Garage -1' and 'Helvar HQ 4' listed) and 'DEVICES'. The main area displays a floorplan of the garage, with a specific device highlighted by a green circle and labeled '6C4A.e2'. A right-hand panel is open for this device, showing its name '6C4A.e2', type 'Emergency', and location 'Helvar Espoo HQ, floor Helvar HQ Garage -1'. Below this information are two prominent red buttons: 'Run Duration Test' and 'Run Function Test'. At the bottom of the right panel are expandable sections for 'Device info' and 'Emergency test history'. At the bottom right of the floorplan area, there are zoom controls (+, -, and refresh icons).

# Space Utilisation Reports

Helvar

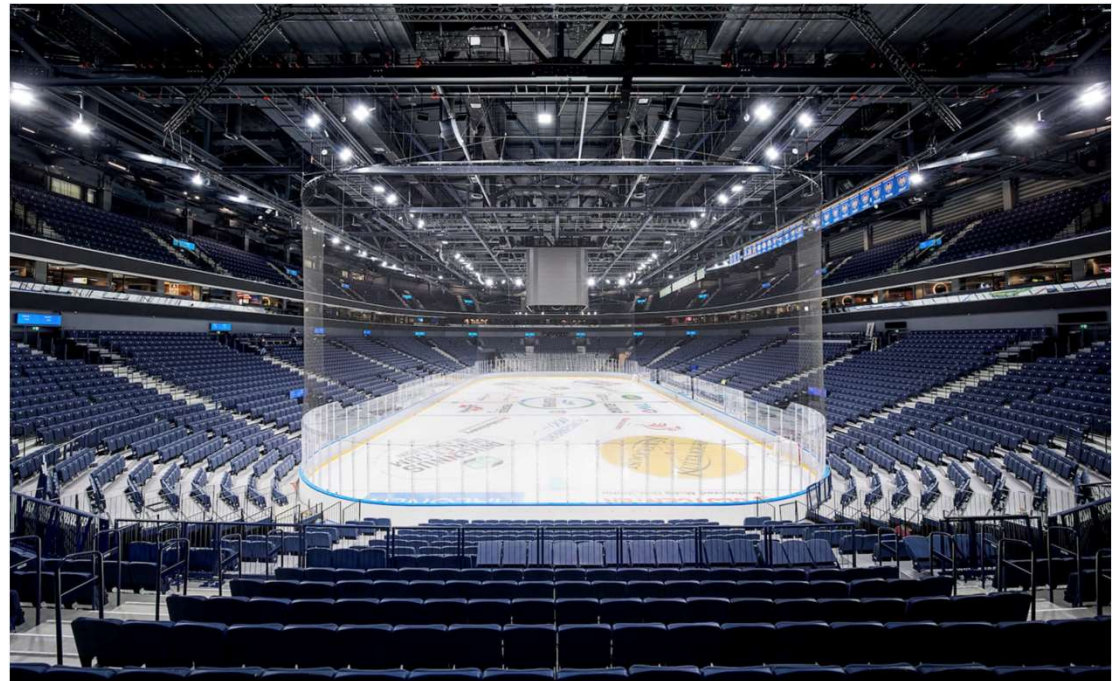


# Benefits and features in action

Helvar

## Remote Access

Helvar Insights enables remote monitoring, maintenance, and data analysis. Connect to your lighting control system remotely and get a lower maintenance costs, and reduced site visits.



*Implementation of Helvar Insights – Nokia Arena, Finland*

# Benefits and features in action

Helvar

## Actionable Analytics

Data visualised through Insights, help to guide strategic decisions in building operations and investments. Spaces can be optimised without negatively impacting indoor conditions for space users.



*Implementation of Helvar Insights in Rejlers office, Sweden*

# Benefits and features in action

Helvar

## Sustainability Reporting

Data from Helvar Insights contribute to sustainability certifications like LEED or BREEAM, enhancing the building's value and appeal.



*Helvar Insights installed at the UK's first building designed to achieve WELL Platinum standard, 'The Spine'*

# Benefits and features in action

Helvar

## Improved Occupant Comfort

Data on occupancy and usage patterns can inform the design and configuration of lighting control systems to better meet the needs of occupants.



*Helvar Insights implementation at Ravelin Sports Centre, University of Portsmouth, UK*

# Benefits and features in action

Helvar

## Energy Consumption Tracking

Detailed energy reports, 24/7 site monitoring and analytics help identify areas for improvement and quantify the impact of energy-saving initiatives.



*Helvar Insights implementation at Vasakronan Head Office, Sweden*

# Benefits and features in action

Helvar

## Future-Proofing and Scalability

Insights platform allows for seamless software updates, the addition of new features over time, and accommodating future growth and changes keeping the system up-to-date and maximizing its potential.



*Helvar Insights implementation at Hospital Nova, Finland*

Monitoring & Control, Operating Insights,  
Occupancy Insights, Wellbeing Insights

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**Helvar**

**Helvar**

**INSIGHTS**

# Helvar

THANK YOU!

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