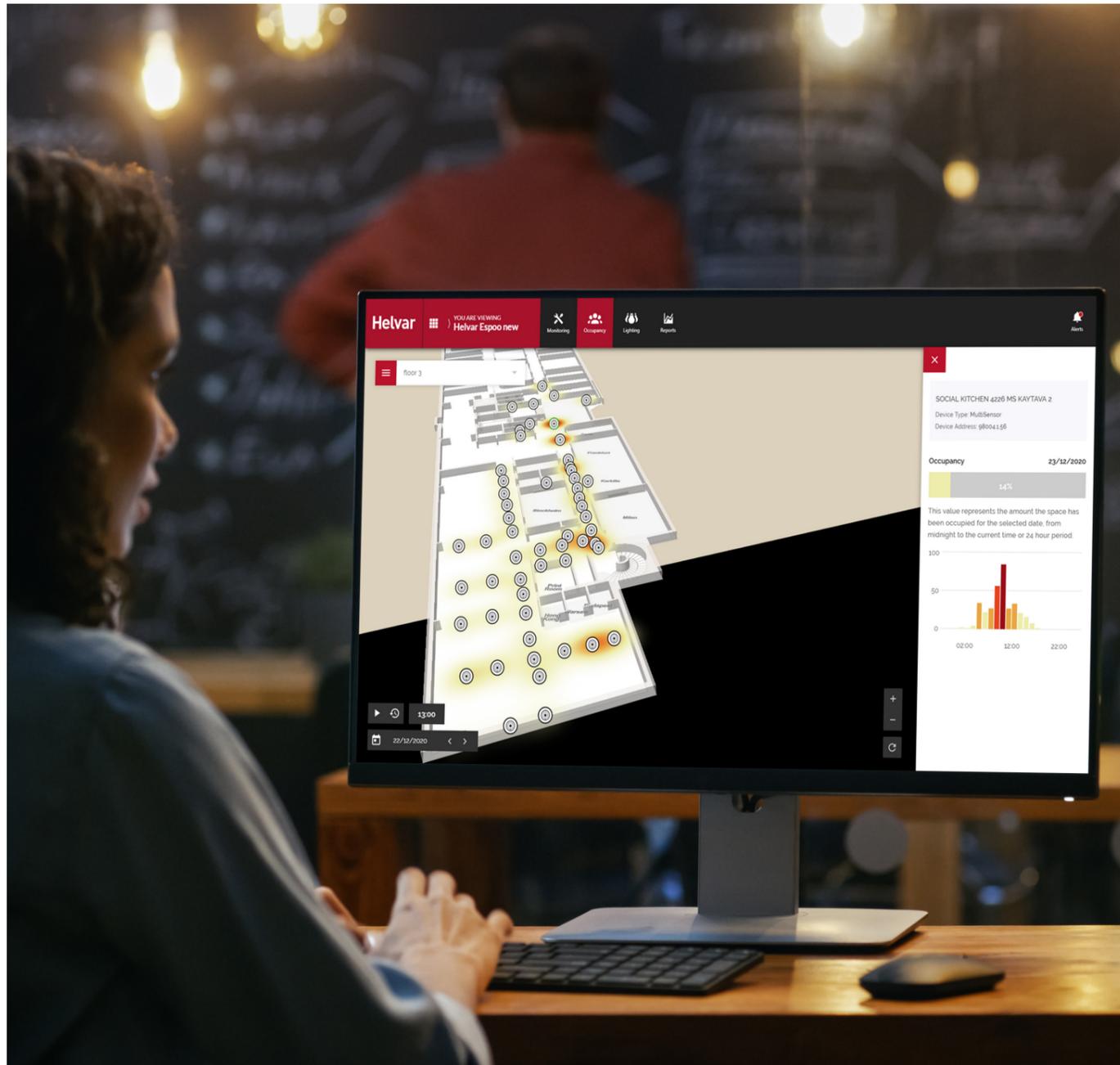


HELVAR INSIGHTS

Bringing Intelligence and Insight
into your space

Helvar





HELVAR INSIGHTS

HELVAR INSIGHTS is a scalable cloud-based suite of digital services that take advantage of data gathered from your existing lighting control devices and sensors. It provides intelligent insights that improve the wellbeing of users, the efficiency of your building and help achieve sustainability targets.



24/7 MULTI-SITE MONITORING

A secure, server-less and modern lighting monitoring system that lets you see how all your connected sites are working. Accessible anywhere, anytime.



CONTROL LIGHTING VIA CLOUD

Control all lighting groups remotely using the cloud platform. Select scenes in real time or create easy-to-use online schedules. Digital lighting control, re-imagined.



PRIORITISED ALERTS

Receive real-time alerts for any malfunctions and incidents in your lighting control system. Prioritised by how critical they are to help you plan your work.



FAST & EASY RESOLUTION WITH AUTO RECOMMENDATIONS

Each alert is accompanied by a specific recommendation on how to further diagnose or potentially resolve the issue.



NOTIFICATIONS WITH SEVERITY LEVEL

Subscribe to receive notifications via email for each site and each severity level, to help you react fast.



LOG HISTORIES FOR DEEPER ANALYSIS

A history of system events lets you dig into issues when needed.



ANIMATED OCCUPANCY HEAT MAPS

Animated heat maps to visualise how your staff and occupants use the building.



EASY INTEGRATION

Alerts from sites can be integrated into other building system and services through well documented APIs.



SEE WHERE THE ISSUES ARE

Instantly get a floorplan view of issues in the building, colour coded by severity level. You can see whether they are concentrated, and where the most critical ones are.



SAVE TIME AND MONEY ON EMERGENCY LIGHTING TESTS

DALI emergency reports save you time and money by completing emergency lighting tests with a click of a button.



MAXIMISE USE OF EXISTING SENSORS

Existing lighting control motion sensors are used to log occupancy data and create insights that help you maximise your space.



REMOTE ACCESS VIA VPN

Access capability for maintenance teams to centralise support over several sites at once.

BUILDING OPTIMISATION



ENHANCE YOUR BUILDING EFFICIENCY AND END-USER SATISFACTION THROUGH OUR RECOMMENDATIONS ON ENERGY, SPACE AND OCCUPANCY DATA.

Sensors installed as part of a lighting control system can collect meaningful data that can be used to efficiently optimise a large range of systems and services, resulting in substantial cost savings for more than just lighting, all while improving the wellbeing for the users of the space.

REVIEW AND ADAPT SPACE USAGE

HELVAR **INSIGHTS** is designed to help you achieve true building optimisation allowing you to review and adapt the usage of your space, by analysing data from the Helvar sensor network.

This data can then easily be visualised on a floorplan of the space, providing building owners or tenants the ability to see how the space is actually used, and to highlight areas where savings can be made.

INTEGRATION WITH THIRD PARTY SYSTEMS

Use real-time occupancy data to integrate with other systems, such as HVAC, so that the data works in synergy to achieve optimal conditions for users of a space.

As the sensors are detecting absence and presence in real-time, this data can be integrated with, for example, a room-booking system – which means no more empty meeting rooms which have been booked in error, providing a true reflection of space availability.

REPORT FUNCTIONALITY

The reports and the insights gained from the data analysis help you make decisions on how to optimise your space and the services provided within that space.

Many services are scheduled depending on how a space is occupied. For example, for cleaning services, being able to access reports and to visualise which rooms have been used can help cleaners to focus their attention in the right places, helping to save time, costs and provide exceptional customer service.

LIGHTING CONTROL SYSTEM MANAGEMENT



BUILD CUSTOMER LOYALTY WHILE MAXIMISING OPERATIONAL PRODUCTIVITY WITH REAL-TIME SYSTEM DATA AND CONTROL.

With **HELVAR INSIGHTS**, you'll receive automatic e-mail notifications, giving you remote visibility of all issues, with their severity levels, and recommendations of actions you can take – making the entire experience as easy as possible and allowing you to plan ahead more effectively.

FEWER SITE VISITS

HELVAR **INSIGHTS** is designed to alert you when intervention is needed and guarantee speedy resolutions. With remote monitoring, you have full visibility of all errors - anytime, anywhere - making it much easier for you to plan ahead. With automatic monitoring, you can reduce time spent on site and the number of callouts by fixing issues remotely.

That's right- make less visits to site.

MAXIMISE PRODUCTIVITY

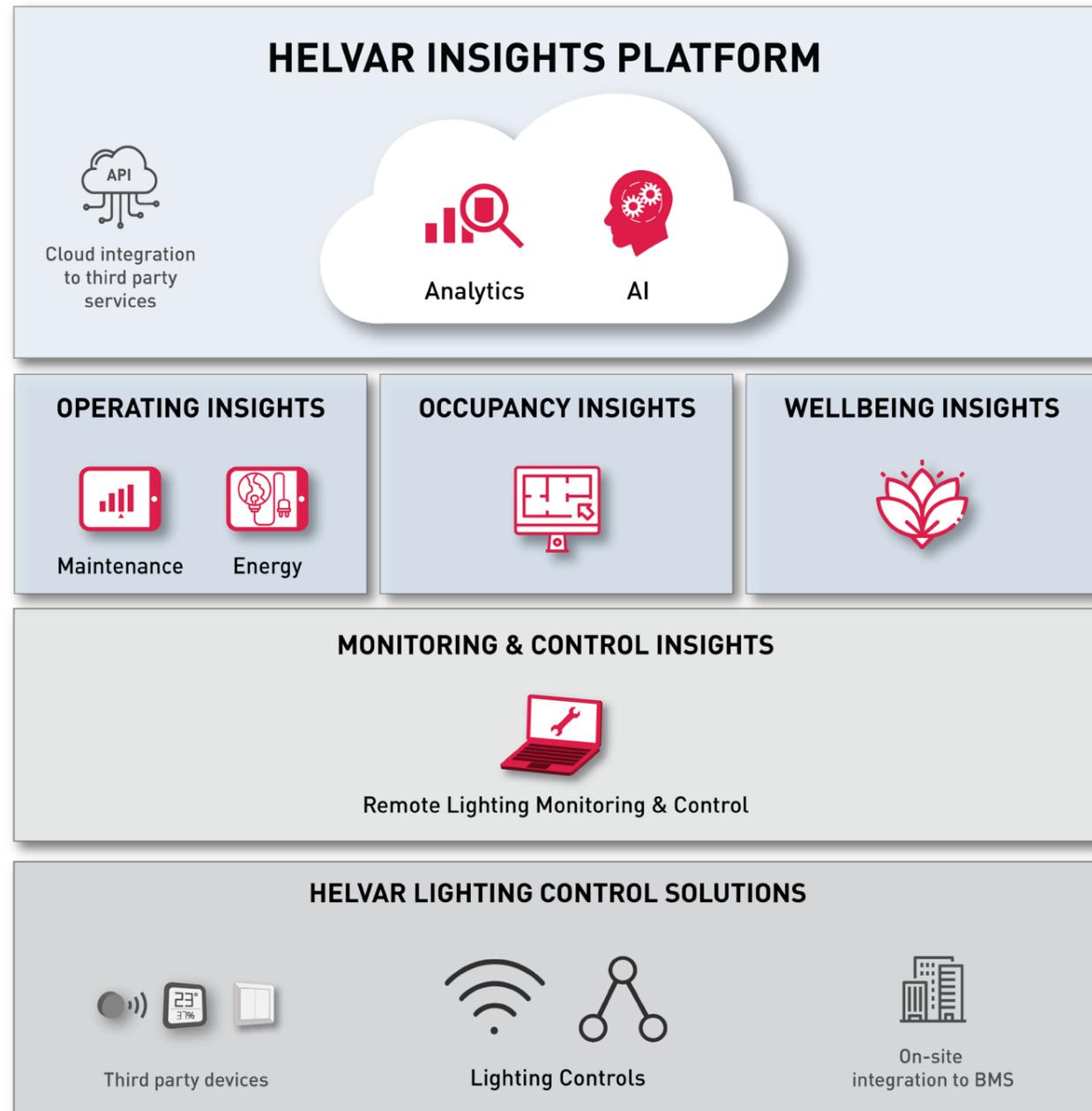
Facility managers are notified of errors in real-time. This means drastically less time spent on investigation, so errors can either be fixed remotely or with limited time spent on site, helping you to maximise operational productivity.

Projects can be handed over with complete peace of mind, knowing that all errors are rectified, and the building is running as it should be.

ACCESS FROM ANYWHERE

HELVAR **INSIGHTS** provides you with a simple interface, including floorplan graphics to monitor single or multiple sites throughout the lifecycle of the building. This intuitive interface gives you the power to make necessary adjustments to your lighting control system, including functions like scene recall or scene schedule.

It's so simple, all you need is a computer, internet access and the appropriate access rights.



HELVAR INSIGHTS PLATFORM

HELVAR **INSIGHTS** is a cloud-based solution utilising the Amazon Web Services (AWS) platform. All data is stored and analysed in AWS. Integration to third-party services is possible through API.

OPTIONAL MODULES

OPERATING INSIGHTS

- Lighting energy monitoring to allow energy optimisation
- Automated lighting control optimisation for energy savings and improved comfort
- Predictive maintenance insights reduce downtime
- Occupancy predictions for HVAC optimisation

OCCUPANCY INSIGHTS

- Understand how your space or your tenant's space is used
- Optimise your space to increase efficiency and productivity
- Occupancy trends and utilisation analysis to make data-based business decisions

WELLBEING INSIGHTS

- Monitor and present environmental conditions with recommendations and insights on how to improve wellbeing
- Personal lighting preferences to energise and increase productivity
- Integrate environmental data and insights with other systems to enhance wellbeing and efficiency

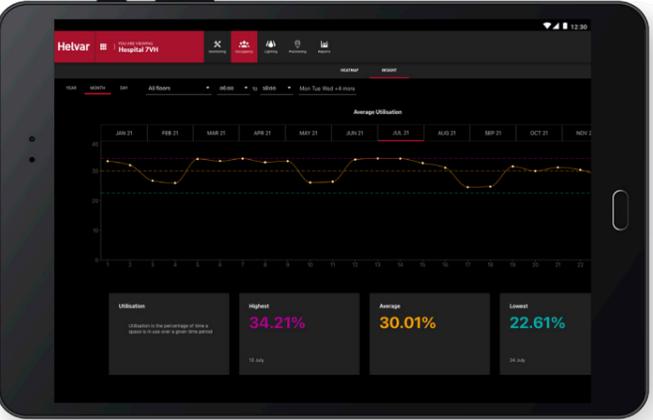
MONITORING & CONTROL INSIGHTS (Included with all HELVAR **INSIGHTS** contracts)

- Alert functionality gives you peace of mind that your lighting is working
- Remote or local Lighting Control and optimisation save on maintenance hours
- Emergency lighting tests increase maintenance efficiency
- Heat maps indicate how the building is used

HELVAR LIGHTING CONTROL SOLUTIONS

HELVAR **INSIGHTS** can be connected to Helvar Lighting Control Solutions and approved third-party devices. In addition to cloud-to-cloud integration, onsite integration to the BMS is fully supported.

GET FULL CONTROL WITH HELVAR INSIGHTS



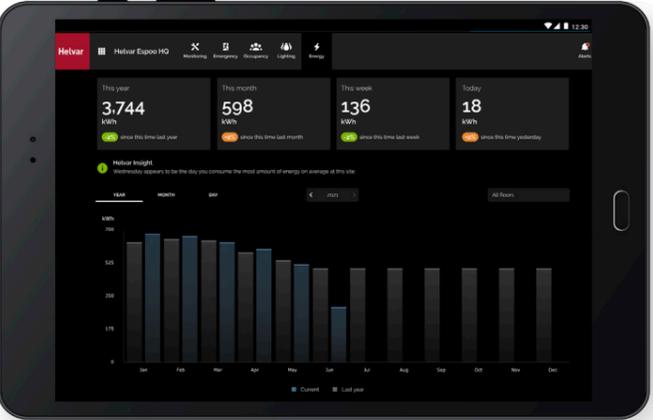
OCCUPANCY INSIGHTS WITHOUT ADDITIONAL HARDWARE

Use existing lighting control motion sensors to see how your building is used.

Optimise space based on real occupancy data.

Be sure which spaces are under or over utilised.

Easy to read dashboard, reports and heatmaps.

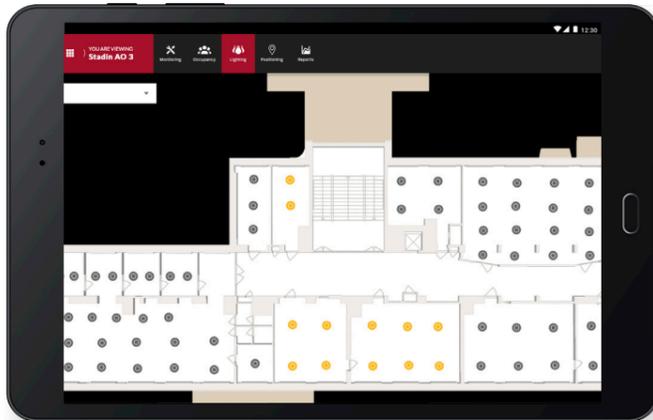


BETTER INSIGHTS AT YOUR FINGERTIPS

Keep your new installation in peak working order.

When you sign up for Helvar Monitoring & Control Insights on a new control system:

- See how it's performing, day and night
- Know if something ever goes wrong
- Be guided by expert advice
- Save on needless visits



ROCK-SOLID SECURITY

Is it safe to connect your site? Absolutely.

From collection to storage, all your data is fully encrypted.

HELVAR INSIGHTS uses AWS, built to satisfy the security requirements of military, banking and highly sensitive organisations.

Only authorised and authenticated users can gain entry.

While we provide the service, it's your data. You own it.



With **HELVAR INSIGHTS**, Hospital Nova can analyse their occupancy data created by the sensors in every space of their building and turn that into an understanding of how their building is used.

HELVAR INSIGHTS CASE STUDIES

Nova Hospital, Finland

Hospital Nova wanted lighting that would improve patient comfort and staff work without compromising on energy efficiency.

The hospital is installed with the latest **HELVAR INSIGHTS**, which automatically monitors the system's status 24/7 and notifies maintenance engineers of any faults that require attention.

Nova Hospital has access to the full range of Helvar lighting control solutions, making the entire site a perfect example of a hybrid wired and wireless solution with **HELVAR INSIGHTS** bringing a new kind of efficiency to the hospital by monitoring the occupancy rate of the property.

Fastems Headquarters, Finland

Fastems delivers intelligent factory automation solutions and wanted an intelligent lighting control solution that provides different settings for different usage. They also wanted to collect data about how their building is being used.

The entire building is installed with Helvar lighting controls. Helvar's Imagine router system enables easy integration with building management systems and cloud services. The building also benefits from **HELVAR INSIGHTS**, allowing Fastems to review and adapt the usage of their space by analysing data from the Helvar sensor network.



Ramboll wanted to install a smart and adaptable lighting-control solution that would also collect data about how the premises are being used.

“ One of the smart building features of the Helvar system is that it enables us to collect occupancy data for all spaces. This helps us understand how our building is used and it’s in line with our smart building ambition. ”

KARI MELANDER - Development Director, Ramboll

We’re based in Finland, Sweden and the UK - but we work with Partners all over the world.

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