

Integrations Overview

INTEGRATION	SOLUTION	DESCRIPTION	DATA AVAILABLE*
BACnet or Modbus	436 Gateway	Provides a simple interface for a Helvar DALI system and allows lighting system data to appear in a BACnet or Modbus Building Management System, or other 3rd party system.	<ul style="list-style-type: none"> • Measured and calculated power consumption • Operating time • Lighting intensity, colour temperature, scenes • Device status and state • Emergency testing
Tridium and other industry protocols (e.g. KNX, MQTT, LON, Opera, BACnet)	Tridium Driver	Niagara 4 compatible driver with a feature-rich graphical user interface. Allows for integrations and connectivity with other building systems. Automatic discovery of routers, devices and groups. Can run on Tridium JACE hardware or software.	<ul style="list-style-type: none"> • Lighting intensity, scenes • Calculated power consumption • Device status and state • Emergency testing
Cloud services (via API)	Helvar Insights	Data from your wired and wireless lighting control systems can be processed and visualised with Helvar Insights, our cloud-based lighting management platform. This refined data can then be shared with your building management system via REST API, and used for both real-time and historical analysis.	<ul style="list-style-type: none"> • Lighting system data • Energy data • Occupancy data • Indoor air quality • Indoor climate

Helvar Solutions

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IMAGINE

DALI-2 lighting control
helvar.com/imagine

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ACTIVEAHEAD

Wireless lighting control
helvar.com/activeahead

Helvar

INSIGHTS

Cloud management
helvar.com/insights

Helvar

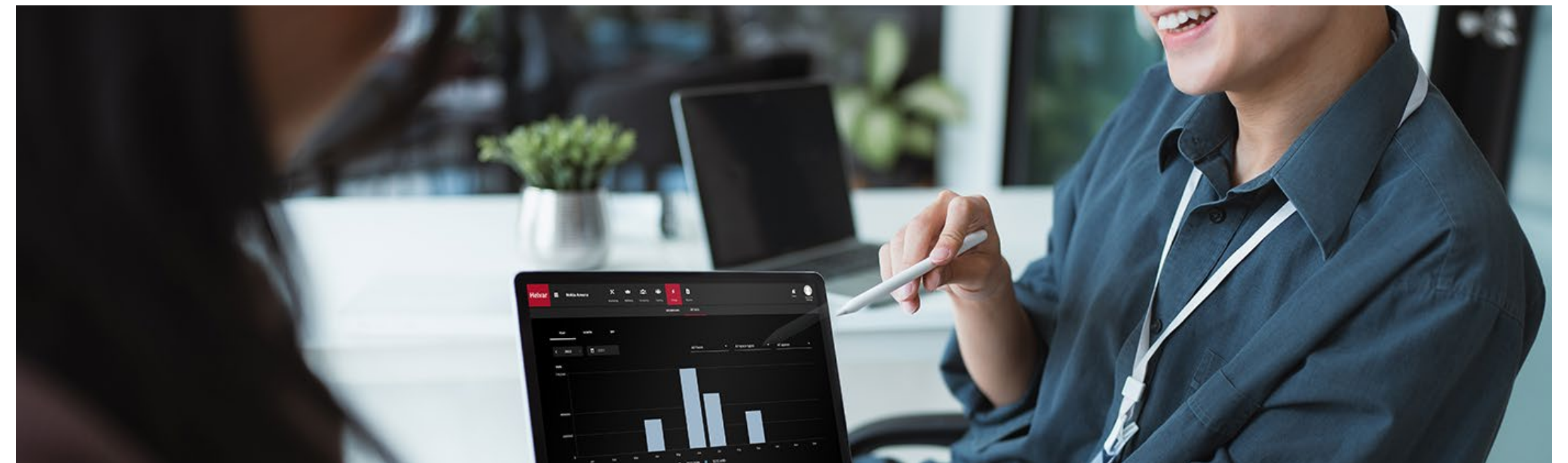
SENSES

Environmental sensing
helvar.com/senses

* Please refer to product datasheets and technical documentation for exact information and system design purposes.

Cloud Services Overview

DATA TYPE	MODULE	USE CASES	KEY FEATURES*
Lighting system data	Monitoring and Control	Maximising system uptime, controlling lighting remotely and identifying maintenance issues proactively.	<ul style="list-style-type: none"> • Real-time fault notifications • Remote control, scene recalling & scheduling • Proactive maintenance recommendations • Sensor time-out optimisation reports • Occupancy heatmaps • Trend data and historical comparisons • Emergency lighting testing & reporting
Energy data	Operating Insights	Understanding and reducing lighting energy usage.	<ul style="list-style-type: none"> • Measure lighting energy usage • Filter data by time period & space • Analyse energy usage trends • Understand operating time • Automatically optimise sensor timeouts
Occupancy data	Occupancy Insights	Learning from real occupant movement & usage patterns to optimise space utilisation.	<ul style="list-style-type: none"> • Visualise space utilisation • Understand utilisation factor for different spaces • Identify under- and over-utilised spaces • Filter by individual spaces, floor or space type • Daily, monthly & annual trend comparisons
Indoor air quality and climate	Wellbeing Insights	Monitoring and optimising indoor conditions to help improve occupant wellbeing and productivity, achieve building certifications and comply with legislation.	<ul style="list-style-type: none"> • Measure CO2, VOC (Volatile Organic Compounds), Temperature, Humidity, Air pressure, Noise • Compare with occupancy data for unique insights • Identify energy saving opportunities for HVAC systems



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