

435 BACnet Gateway
Connecting lighting with BMS

Helvar



freedom in lighting

Helvar's 435 BACnet Gateway

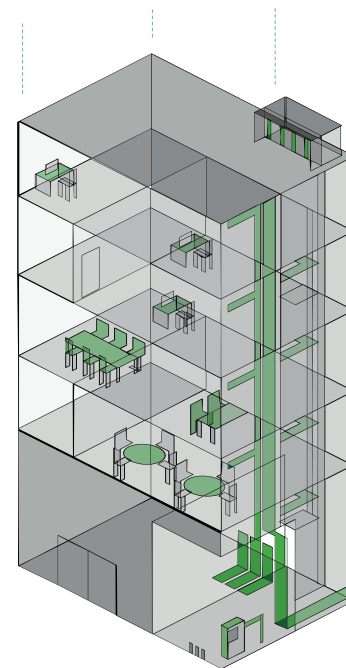
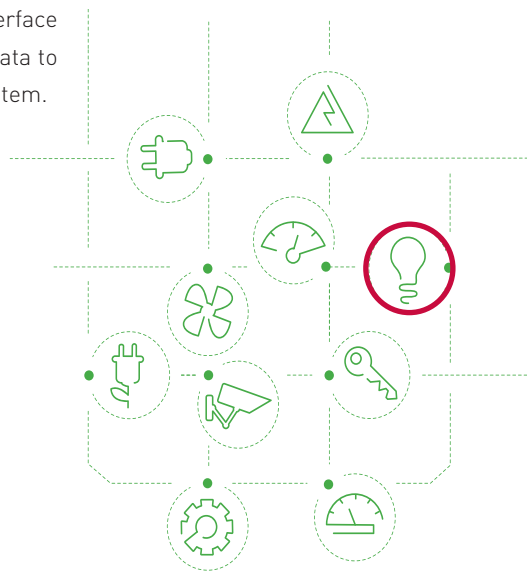
The 435 is an integration device which will help reduce engineering time and meet the demand for seamless integration between a building's lighting system and BMS.

Helvar's BACnet gateway provides a simple interface between Helvar Routers and allows lighting system data to appear in a BACnet Building energy Management System.

Integration options

Available BACnet IP points

- Group power consumption
- Group scene monitoring
- Group scene triggering
- Group direct level
- Router missing
- DALI device missing
- DALI lamp failure status



For more information visit www.helvar.com

An Introduction to Helvar

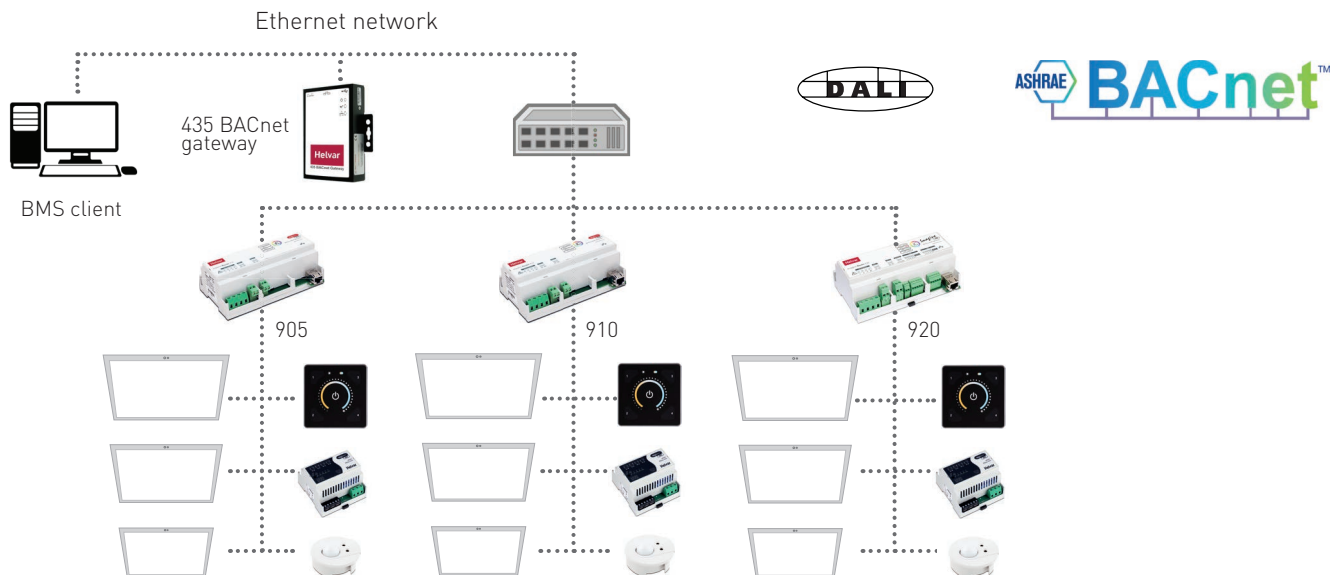
Helvar specialise in energy efficient lighting solutions.

Helvar

Our extensive range of products, include intelligent lighting controls, LED drivers, modules and ballasts. As one of the originators of DALI, our experience and knowledge of lighting protocols is world class.

The gateway allows a BMS to control and monitor the lighting system as well as obtain device status and group power consumption information. BACnet IP clients can easily connect with the gateway via a TCP/IP network.

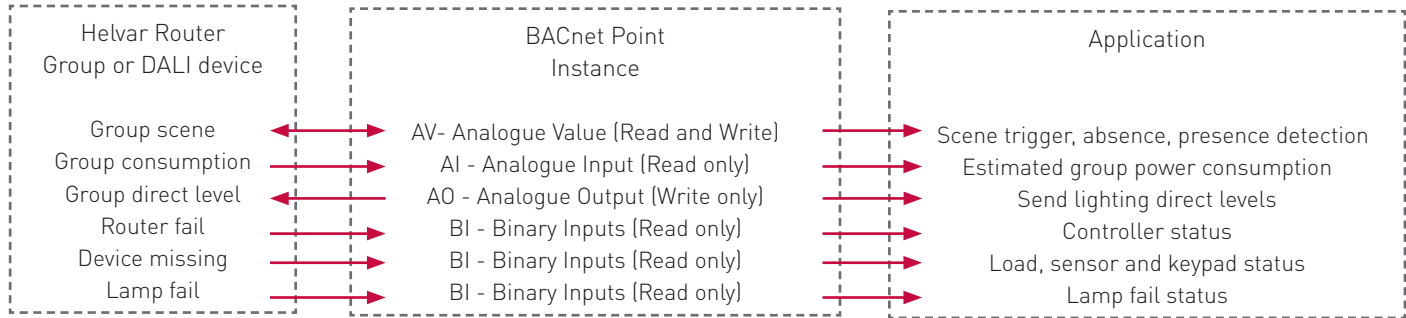
Network layout



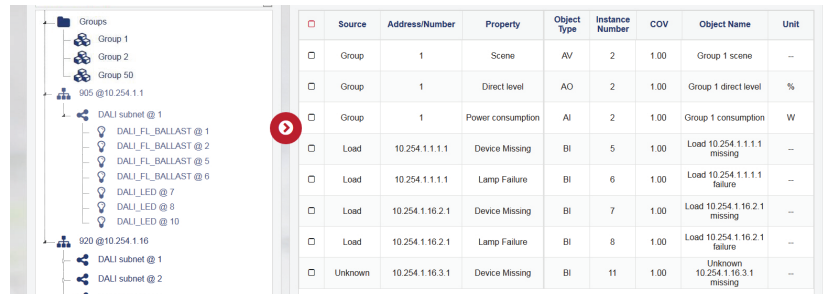


BACnet Object Points

The 435 has been specifically designed to expose Helvar Router status, Group and Device data via a TCP/IP network. This information can be used by the BACnet IP BMS client to control and monitor the lighting.



Available BACnet IP objects



Source	Address/Number	Property	Object Type	Instance Number	COV	Object Name	Unit
Group	1	Scene	AV	2	1.00	Group 1 scene	--
Group	1	Direct level	AO	2	1.00	Group 1 direct level	%
Group	1	Power consumption	AI	2	1.00	Group 1 consumption	W
Load	10.254.1.1.1.1	Device Missing	BI	5	1.00	Load 10.254.1.1.1.1 missing	--
Load	10.254.1.1.1.1	Lamp Failure	BI	6	1.00	Load 10.254.1.1.1.1 failure	--
Load	10.254.1.16.2.1	Device Missing	BI	7	1.00	Load 10.254.1.16.2.1 missing	--
Load	10.254.1.16.2.1	Lamp Failure	BI	8	1.00	Load 10.254.1.16.2.1 failure	--
Unknown	10.254.1.16.3.1	Device Missing	BI	11	1.00	Unknown 10.254.1.16.3.1 missing	--

Programming and setup is carried out by a simple web browser interface.

Web browser interface

Helvar has representatives all over the world. Find your local contact at www.helvar.com

Due to a policy of continuous improvement, Helvar reserve the right to alter specifications without notice at anytime. Cover picture: Shutterstock