

Designing for the Future

Helvar

Transforming EPBD Compliance into Long-Term Asset Value

WHAT YOU NEED TO KNOW

The EU's Energy Performance of Buildings Directive (EPBD) has been officially transposed into national laws. If you own, manage, or spec non-residential buildings with effective heating/cooling outputs over 290 kW, integrated Building Automation and Control Systems (BACS) are no longer optional, they are a strict legal requirement.

WHY YOU NEED TO KNOW IT

Beyond legal penalties, non-compliant buildings face a sharp drop in market value. To prevent obsolescence and maximise your Smart Readiness Indicator (SRI) score, your asset must be intelligent enough to sense, communicate, and automate in real time.

HOW HELVAR CAN HELP YOU

When you partner with Helvar, you aren't just selecting hardware, you are choosing a brand backed by decades of technical consultancy, project design, and specification support. We don't believe in quick fixes or peripheral "nice-to-haves." We see intelligent lighting and smart sensing as core building infrastructure.





Our open, DALI-2 systems serve as the active "brain" of your BACS* framework, driving compliance across ten core capabilities:



1. Occupancy-Based Automatic Lighting

Minimising operational carbon continuously.



2. Daylight Harvesting

Maximising natural light to slash utility costs.



3. Personal User Control

Elevating the day-to-day user experience.



4. Central Monitoring & Analytics

Providing the raw data required for corporate ESG* reporting.



5. Fault Detection & Diagnostics

Predictive maintenance that keeps your building performing.



6. Non-Proprietary Protocols

Built on open DALI-2 standards for complete system flexibility.



7. Energy Dashboards

Surfaces transparent data for mandatory operational carbon reporting.



8. Extensive BMS* Integration

Ensures seamless communication across all building management networks.



9. Intuitive & Adaptive Scheduling

Automatically aligns energy use with shifting occupancy profiles.



10. Space-Utilisation Intelligence

Supplies real-time spatial data to optimise your real estate footprint.

WHY HELVAR?

We know that a product alone doesn't guarantee compliance. We back our technology with deep industry expertise, education, and hands-on project support to ensure your brief transitions seamlessly from concept to a sustainable, high-value asset.

*BACS: Building Automation and Control Systems

*BMS: Building Management System

*ESG: Environmental, Social, and Governance



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