

inventronics

HubSense®

Swift. Simple. Scalable.



Flexible, intuitive, and scalable
wireless light management
powered by Bluetooth® NLC

Smart lighting for the spaces where life happens

People spend up to 90% of their time indoors, making lighting quality and efficiency essential for comfort and well-being.

Yet most commercial buildings still lack intelligent lighting control: only **20% of renovated and 80% of new buildings** feature dimmable installations. The result? **Energy waste, higher operating costs, and limited flexibility** when spaces evolve.

HubSense® turns this challenge into opportunity

It's the **smart indoor lighting system** that maximizes energy savings and simplifies control, with comfort built in.

By combining **efficiency, adaptability, and user well-being**, HubSense® helps organizations create **smarter, more sustainable buildings**.

What is HubSense®

HubSense® is a wireless lighting control solution for both new and retrofit projects: fast, intuitive, and scalable.

Designed to provide a reliable yet flexible platform, it adapts to a wide range of applications: from offices to commercial spaces, from warehouses to outdoor pathways. It delivers the **right light, at the right time, every time**.

But HubSense® goes beyond convenience. With lighting representing up to 20% of a building's total energy use, modernization is essential to meet EU targets of a 32.5% reduction by 2030.

HubSense® reduces energy costs quietly in the background, **without affecting comfort, light quality or daily use**, the only thing you see change is your energy bill.

Light that supports well-being and focus, without asking you to compromise.



Integrated cybersecurity

Secure, reliable, worry-free



Scalable system

Potentially limitless light points



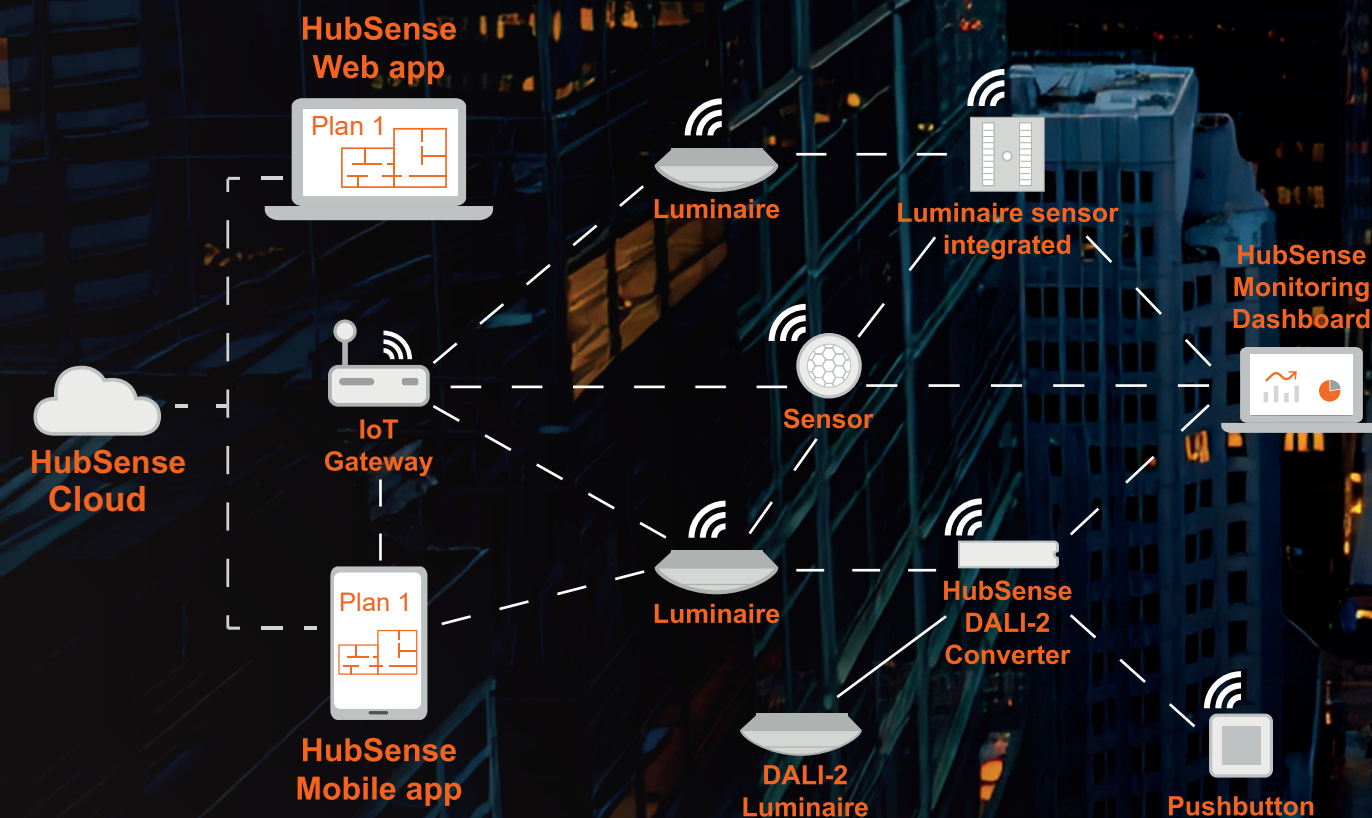
Intuitive commissioning

No complicated setup required



Fast and easy installation

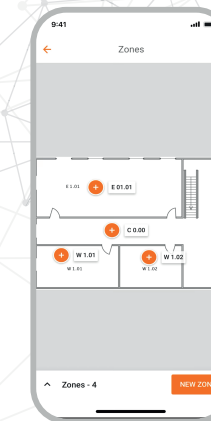
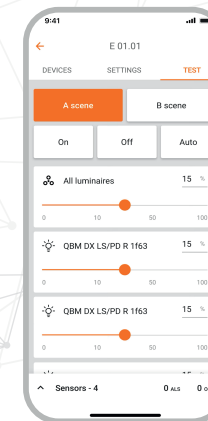
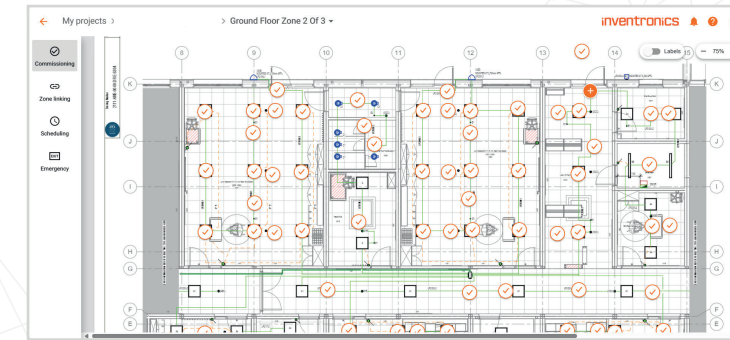
Get up and running in no time



Why HubSense®

Simple Integration. Lower Costs. Reliable for Years

HubSense® delivers more than energy savings, it transforms how lighting systems are planned, installed, and managed, representing a more advanced solution than conventional systems.



6× faster, non-disruptive installation

Wireless, room-by-room setup, no masonry work, no downtime



Quick, assured payback

Predictable returns thanks to tracked and optimized energy use



Low CO₂, better sustainability

Less energy used means fewer emissions and easier compliance



Longer lifetime, less maintenance

Smart control extends luminaire life and reduces service needs



Future-proof, secure & IoT

Bluetooth® NLC ensures interoperability, cybersecurity and scalability

The 3 “S” of HubSense®

Swift

HubSense® is instantly operational. It requires no additional cabling and can be commissioned wirelessly in just a few steps, making it fast to deploy and completely non-disruptive to people and workspaces.

Simple

Designed with usability in mind, HubSense® offers intuitive controls and a user-friendly interface that make system management effortless. Integration with existing infrastructures is seamless, allowing smooth upgrades without complexity.

Scalable

From a single office to an entire building, HubSense® grows with your needs. Thanks to the NLC Bluetooth® standard, it ensures flexibility, interoperability, and future readiness - a system built to evolve as your facility does.



Payback
<1.9
Years

Up to
80%
Energy Savings



Offices



Payback
<1.2
Years

Up to
92%
Energy Savings



Warehouses

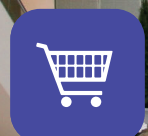
Perfect for any space

HubSense® adapts to a wide range of environments, from offices, warehouses, and retail spaces to schools, factories, and parking garages.



Payback
<2
Years

Up to
80%
Energy Savings



Retail spaces



Payback
<1.8
Years

Up to
85%
Energy Savings



Schools

Fast, effortless installation. Maximum efficiency

Step-by-step, stress-free setup

With HubSense®, you don't have to upgrade an entire building at once. Start with one room, make it fully operational, and expand over time, all without interrupting daily work.

Off-site configuration, on-site optimization

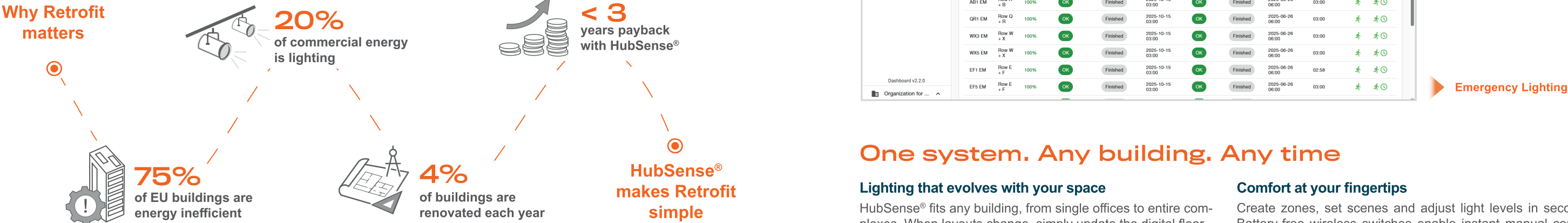
The system can be pre-configured before installation and then fine-tuned directly in each space. This approach saves time, avoids unnecessary cabling or masonry, and ensures smooth commissioning with minimal disruption.

Smart sensors, high comfort, low energy

HubSense® uses intelligent motion and daylight sensors to deliver light only when and where it's needed. Smooth dimming and natural light integration ensure consistent visual comfort, reducing both operating costs and CO2 emissions.

Transforming the buildings we already have

HubSense® doesn't ask you to rebuild, it simply helps you move forward. One room at a time, no dust, no interruptions. Just lighting that adapts, supports and stays one step ahead with you.



From lighting control to building intelligence

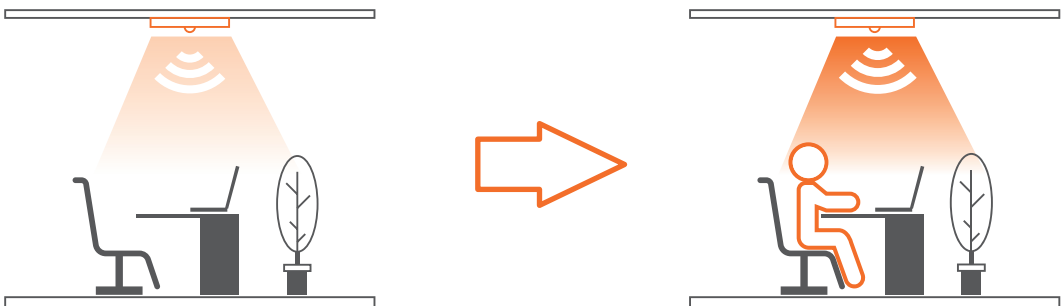
HubSense® isn't only designed to last, it's designed to collaborate

In modern smart buildings, lighting no longer works in isolation. It connects with building management systems (BMS), ensuring that energy is used only when and where it's needed. Lights dim when natural daylight is enough. Corridors, offices and meeting rooms only light up when occupied, and HubSense® can even signal air-conditioning or heating systems to reduce power when no one's there.

As regulations push for smarter, more efficient and sustainable buildings across Europe, HubSense® helps future-proof projects from the start. In the context of the EU Energy Performance of Buildings Directive (EPBD), it allows achieving a higher Smart Readiness Indicator (SRI) score. It is designed to work together with other building automation systems, making it ideal not only for retrofits but also for new high-performance buildings, aiming for LEED or BREEAM certifications.

This is lighting that doesn't just save energy, it helps the whole building breathe, respond and consume less.

Cleaner for the planet. Easier for facility managers. Better for end-users.



Where IoT becomes light

HubSense® turns lighting into an intelligent, connected network. Sensors detect presence, movement and daylight to provide light only where and when it's needed. Energy and system performance can be monitored in real time and controlled remotely from any device.

And because emergency lighting is part of the same digital ecosystem, HubSense® also enables functional and duration tests, notify failures and automatically generates safety reports. Maintenance becomes proactive instead of reactive, smoother for facility managers, safer for occupants.

This isn't just connected lighting. It's lighting that listens and responds.

Dashboard

Projects

Users

Settings

Warehouse

Projects

Nodes

Emergency

Details

Name	Zone	Battery	Functional Test Result	Functional Test Status	Functional Test Date/Time	Duration Test Result	Duration Test Status	Duration Test Date/Time	Duration	Actions
JK3 EM	Row J + K	100%	OK	Finished	2025-10-15 03:00	OK	Finished	2025-06-26 06:00	03:00	 
AB5 EM	Row A + B	100%	OK	Finished	2025-10-15 03:00	OK	Finished	2025-06-26 06:00	03:00	 
AB1 EM	Row A + B	100%	OK	Finished	2025-10-15 03:00	OK	Finished	2025-06-26 06:00	03:00	 
QR1 EM	Row Q + R	100%	OK	Finished	2025-10-15 03:00	OK	Finished	2025-06-26 06:00	03:00	 
WKS EM	Row W + X	100%	OK	Finished	2025-10-15 03:00	OK	Finished	2025-06-26 06:00	03:00	 
WXS EM	Row W + X	100%	OK	Finished	2025-10-15 03:00	OK	Finished	2025-06-26 06:00	03:00	 
EF1 EM	Row E + F	100%	OK	Finished	2025-10-15 03:00	OK	Finished	2025-06-26 06:00	02:58	 
EF5 EM	Row E + F	100%	OK	Finished	2025-10-15 03:00	OK	Finished	2025-06-26 06:00	03:00	 

Dashboard v2.2.0

Organization for ...

One system. Any building. Any time

Lighting that evolves with your space

HubSense® fits any building, from single offices to entire complexes. When layouts change, simply update the digital floor plan. No rewiring, no retraining, no disruption.

Comfort at your fingertips

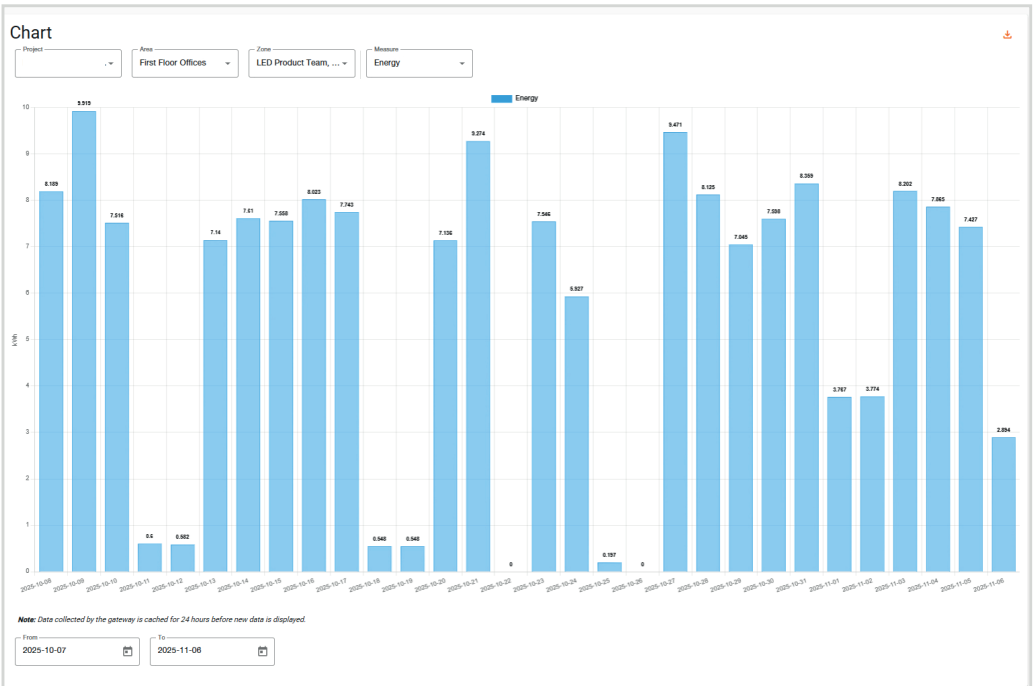
Create zones, set scenes and adjust light levels in seconds. Battery-free wireless switches enable instant manual control, without maintenance.

Safety and reliability built in

Emergency lighting can be monitored and tested within the same system. Automated reports and failure prediction help maintain compliance with no added effort.

Open and connected to your building

Powered by Bluetooth® NLC, HubSense® integrates with smart building and automation platforms, working alongside HVAC and BMS to support energy efficiency and sustainability.



Discover HubSense® : the open-standard wireless control system that goes beyond energy savings.

It redefines how lighting is planned, installed and managed, making it easier to deploy, simpler to control and ready to scale as your building evolves. Built on interoperable standards and certified to CE, D4i and UL.

www.inventronicsglobal.com/hubsense

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