



LIGHTING CONTROL

FOR THE
MODERN WORLD

CASAMBI



PROVEN

Based on Low Energy Bluetooth technology. Over three million Casambi nodes have been installed in more than 75 thousand projects worldwide.

INTUITIVE

It's deja vu all over again. When fixtures, lighting controls and sensors are Casambi-ready, designing and engineering just feels like muscle memory.

SIMPLE

Forget what you know. Dimming panels, servers, routers, hubs and repeaters are old school. Fewer wires and less hardware equals less time on the job.

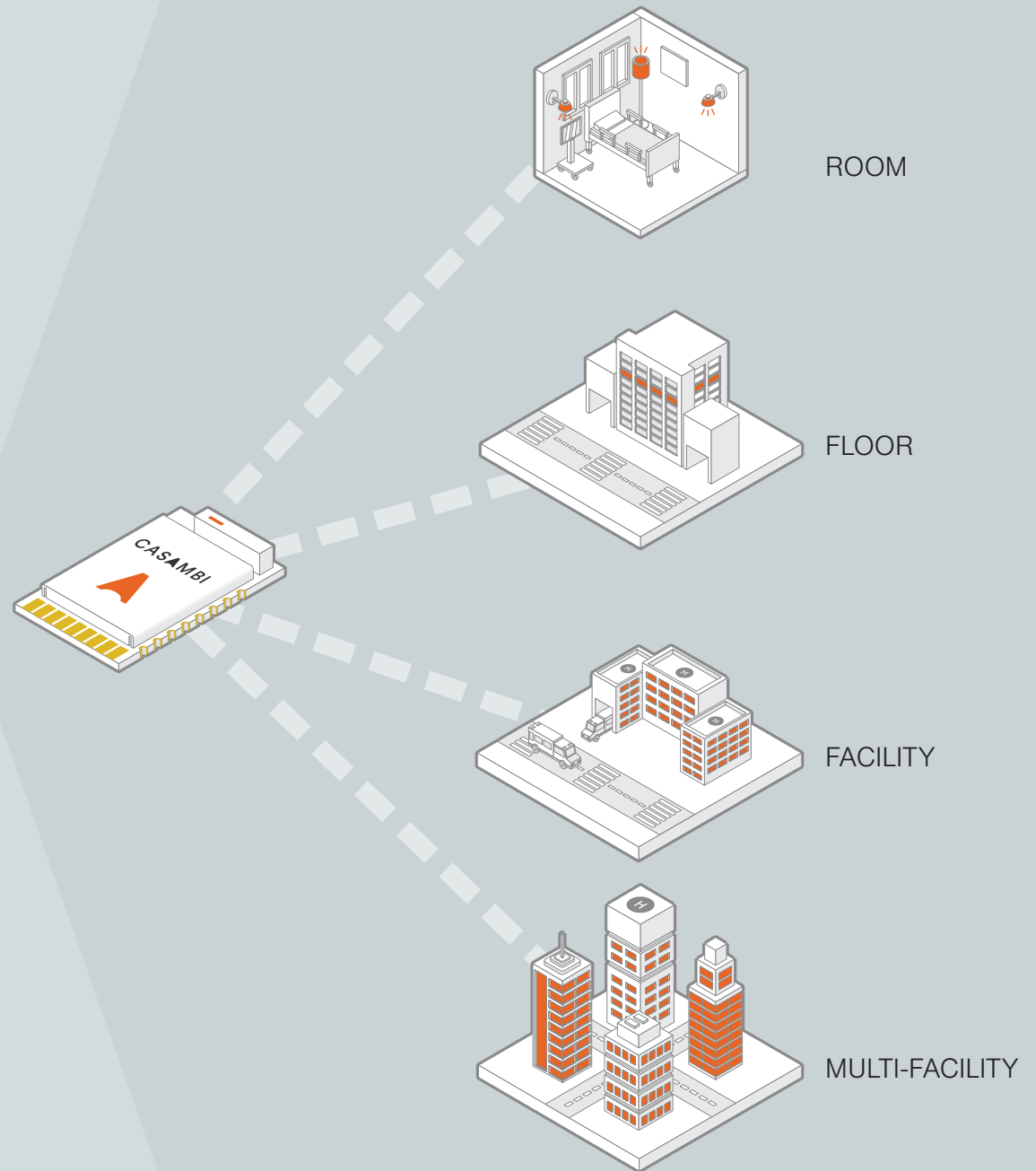
SUPPORTED

We are here for you. We are US-based, and ready to assist from start to finish. Whether you're a Lighting Engineer or Designer, we're by your side to succeed.

Casambi's wireless lighting control system is a robust, cost-effective, and simple solution that's effectively a wish list for any lighting designer or electric engineer working today, delivering versatility in design and control, ease of installation and use, and connectivity that's reliable and effortless—and all of it achieved in the most sustainable way possible, from eliminating materials to reducing on-site labor and maintenance.

Casambi delivers on all of this by using an advanced Bluetooth Low Energy mesh network of interconnected nodes. Each node is integrated into every light fixture, control, and sensor, to create a system powered by intuitive software that controls everything a lighting infrastructure requires—lighting zones, lighting scenes, schedules, and more! Whether it's a single room, a floor, a building, or an entire multi-building facility, the system is seamlessly integrated.

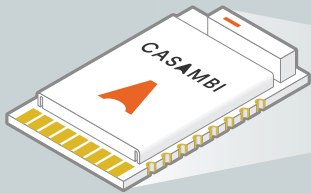
And depending on the project—new or retrofit—Casambi's wireless nodes can be embedded in the lighting fixtures, or through power packs and modules, for luminaire level and zone-based control. Choose from Casambi native products, as well as "Casambi partner" products—a vast number of today's leading manufacturers of luminaire, driver, LED board, LED lamp and lighting control module companies.





PROVEN FOR LIGHTING DESIGN

It helps to have choices. Lighting for the modern world demands that proven and reliable technology for all lighting controls, automation, and wireless access are designed into a project from the very beginning. Casambi's wireless technology can be integrated with any fixture required by a designer's vision to deliver a full-featured lighting control system—without compromising on aesthetics or functionality. All thanks to the myriad of options available today.



INTEGRATED
(NODE)



EMBEDDED
(CASAMBI READY DRIVER)



IN-LINE
(MODULE & DRIVER)

THE CASAMBI ECOSYSTEM



LIGHTING FIXTURES

Specifying “Casambi Ready” devices guarantees out-of-the-box compatibility, regardless of supplier—you can pick Casambi ready luminaires from different manufacturers *and* use them with other Casambi Ready devices, such as sensors or switches—and still be confident in achieving full connectivity with each device.



SENSORS

The Casambi ecosystem contains numerous sensors that can be used to detect presence, motion, daylight, lighting levels or the air quality within a facility. In addition, Casambi can be integrated with simple mains switching motion sensors or standard sensors.



SWITCHES

The Casambi ecosystem also contains a wide selection of wireless switches, ranging from traditional wall-mounted push-button switches to battery-free wall switches or remote controls. The battery and battery-free switches use the kinetic energy generated by your push, so no wires are needed.



OTHER DEVICES

Casambi is the core of an entire ecosystem of products, ranging from air purifiers, blind actuators to interfaces with home automation and voice control systems, all 100% compatible with each other.

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INTUITIVE FOR ENGINEERING

Here's what an Electrical Engineer gets with Casambi's wireless control system:

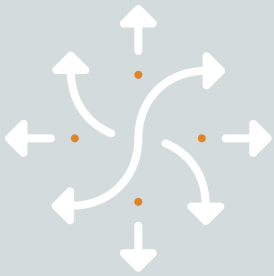
Once a luminaire level approach is adopted, the only concern as far as lighting controls go, is to bring power to the fixtures and switch locations. And if battery-powered switches are utilized, the Electrical Engineer doesn't even have to worry about powering the switch location or installing gang boxes.

Here's what an Electrical Engineer won't need:

- Dimming panels, servers, routers, hubs and repeaters
 - Tying fixtures together with low voltage data wires
 - Planning zones ahead of time
 - Days/weeks of wasted design time
- 

FEATURES & FUNCTIONALITY

VERSATILITY



- Offers single room control or a fully connected environment
- Delivers luminaire-level or zone-level control
- Operates on a single network whether indoors or outdoors
- Easily reconfigurable depending on occupant needs

SIMPLICITY



- Design intuitively
- Installs without complicated wiring or redundancy
- Easily commission any lighting system, all done over a Bluetooth Network
- **More than 90% of Casambi projects require no installation support whatsoever**

CONNECTIVITY



- Effortless integration with Open-API
- Low energy mesh network provides connectivity over the entire space
- Enjoy full-time or on-demand remote access for support and commissioning
- No centralized point of communication means no single point of failure

SUSTAINABILITY



- Eliminates the need for extra wires and material
- Cuts down on-site labor costs
- Shortens design time and complexity
- Ensures stress-free maintenance



SIMPLE FOR SPECIFIERS

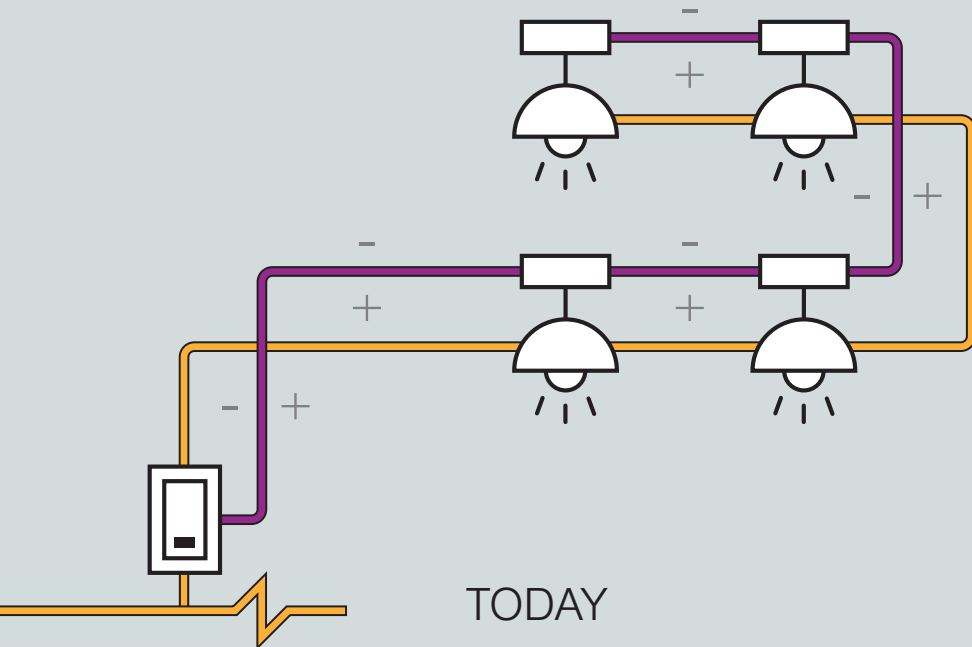
From the Installation to the Interface, Casambi is simple...but powerful.

From a single room to a multi-building facility, the ease of the single node architecture delivers scalability like no other lighting control system. Combined with the Casambi app, each node works as one of the user interfaces, as the commissioning tool, and as a remote gateway as well in every Casambi lighting control solution.

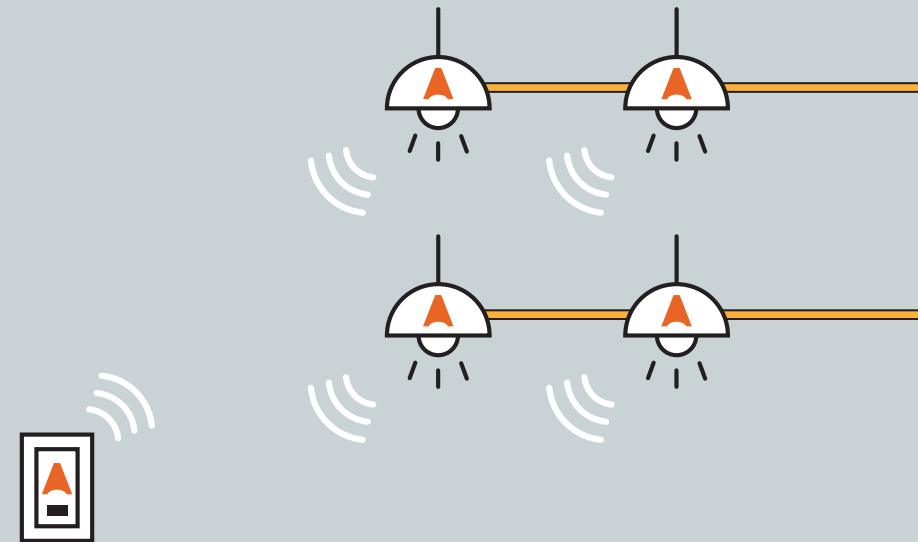


HOW TO SIMPLIFY

Casambi's lighting technology provides wireless communication, eliminating the need for any switch legs, data cabling and a host of other related materials. And with each Casambi module's Bluetooth radio delivered inside the fixture driver enclosure box, operation functions like zoning and scenes can be set up and managed remotely using Casambi's user-friendly software.



TODAY



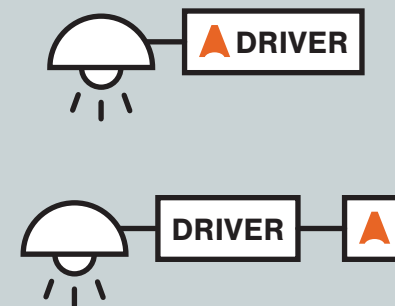
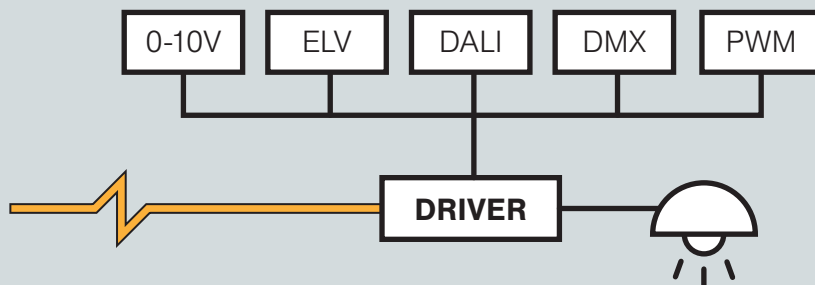
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Current Component Complexity

VS

Casambi Ready Drivers and Modules

Physical panels and modules needed to drive the dimming signal to the fixtures.





SUPPORTED FOR EVERYONE

We have the Tools, Tech Support and Engineering Design to make your project a success. With localized support and total Specification Packages built to need:

- Full Fixture schedule by type with all Casambi information
- Full Lighting & Control Layout of all Luminaires, Switches, Sensors, and accessories needed
- Bill of Materials & Quote for the Control System



Casambi is set to lead you through the process—whether you’re a specifier, representative, lighting professional, or Manufacturer—**we have you Covered.**

SPECIFICATION

From the inception of a project to the signoff and training of our sales team—together with Professional and OEM services—we have you covered. We work together with specifiers and lighting providers to understand systems requirements in order to tailor a lighting controls solution that fits the specific needs of your project. We also work with our OEM team to ensure all ecosystem providers are onboard and prepared to deliver.

MANUFACTURING PARTNERSHIP

Whether creating a new switch, sensor or light fixture—or simply enabling what you already have—our OEM sales and services team work closely with Manufacturers looking to become “Casambi Ready”.

PROFESSIONAL SERVICES

Casambi Professional Services is the secret sauce to ensuring everything is done right. Working through our Specification and OEM channels, they act as an extension of your team providing everything from initial quotes and layouts to project signoff.



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