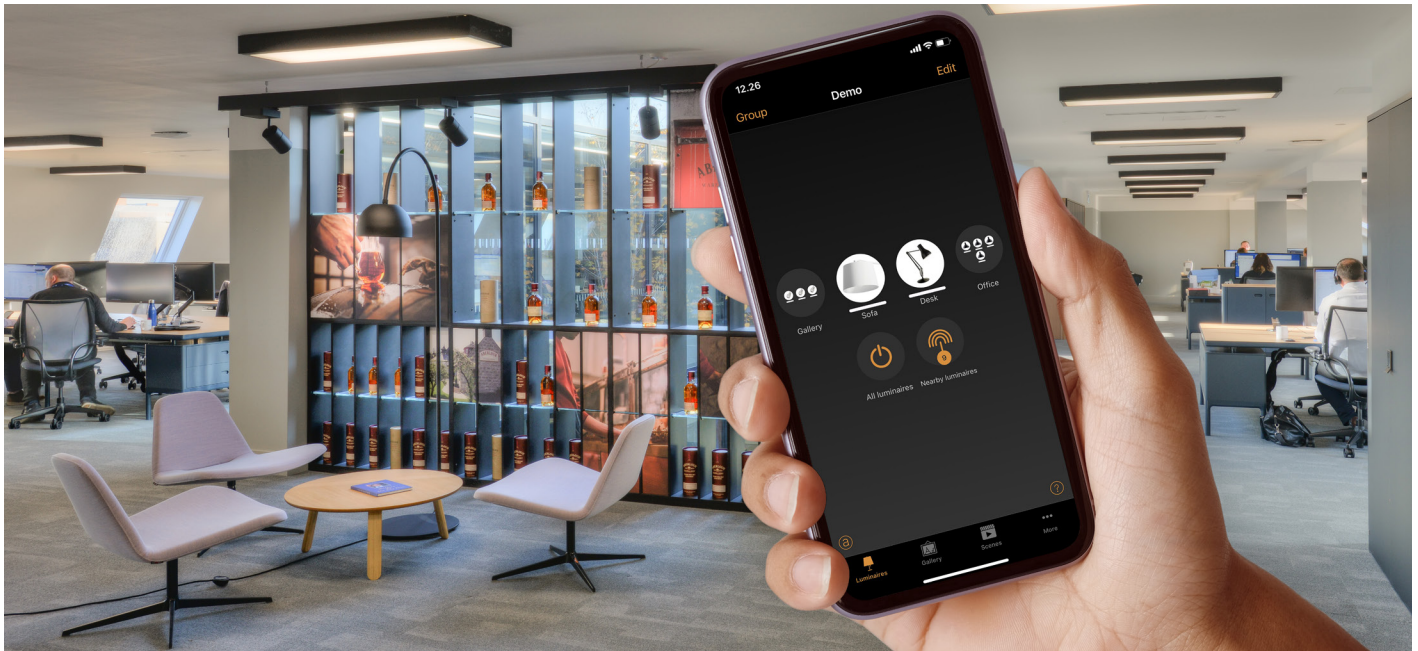


## Highlights



The office is evolving - especially with the rise of hybrid work. And this shifting of boundaries between work, living, and hospitality warrants a radical review of traditional office lighting installations. Wireless lighting controls are proven to play a truly huge role in the provision of flexible, highly attractive office spaces that offer outstanding user experiences, less energy waste, and improved occupant well-being and productivity.

In combination with daylighting and occupancy detection, smart lighting controls can save a significant amount of energy in offices by ensuring that the right light is used only when it is needed. These systems are easily controlled by switches, sensors, or by mobile applications.

Casambi's Bluetooth Low Energy based technology provides lighting designers and manufacturers with the ability to wirelessly link devices together enabling the creation of personalized smart lighting networks that are easily configured and controlled using the Casambi App.

Predesigned scenes and luminaire groupings provide various lighting scenarios for different functions – circadian lighting for working areas, reduced level of illuminance for whiteboard lighting, daylight harvesting systems next to windows. Your bespoke office needs can be easily programmed in the Casambi App.

### Facility Management Advantages

- Energy efficiency and sustainability
- Data and connectivity, occupancy control
- No internet connection required for daily operation
- Reduced operational costs
- Wireless emergency lighting with automated testing & reporting
- Non-disruptive installation, easy commissioning

### Occupant Advantages

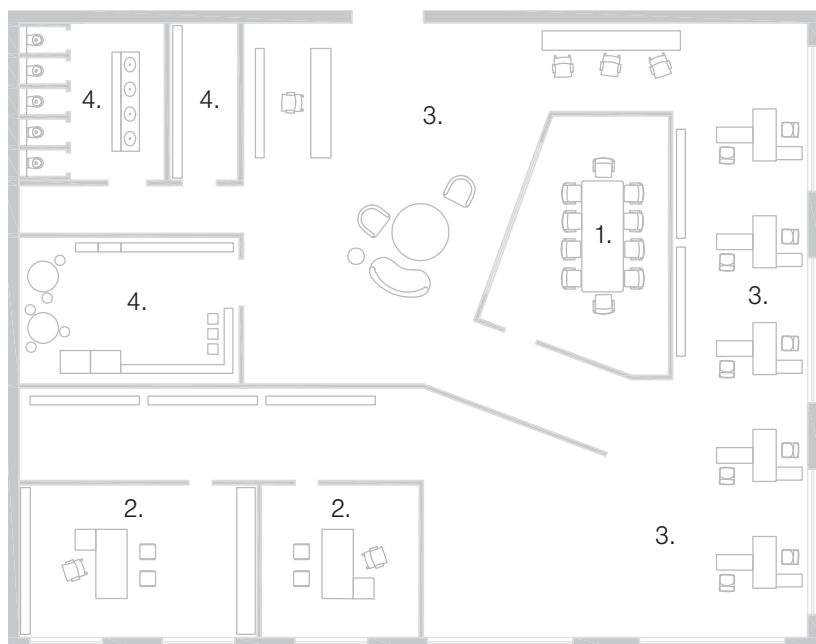
- Flexibility
- Scalability
- Human-centric lighting
- Productivity
- Individually and easily controllable lighting over a workstation
- Task-related predefined lighting scenes
- Intuitive UI

### Specifier Advantages

- The range and robustness of the mesh
- Advantages for future-proofing the installation
- Task-related predefined lighting scenes
- Flexibility
- Scalability
- Intuitive UI

### Installer/Contractor Advantages

- Non-disruptive installation, easy commissioning
- Scalability
- Future-proof the installation
- Free software updates over the air



## Controllers

### Manual Control



Switch



X-Press



Casambi App

### Sensors



Daylight



Occupancy

### Calendar & Timer



Calendar & Timer



Scenes Animation



Circadian

## Network



Stand-alone private



Shared & Cloud



Gateway & Data

## Possible Functionalities

### 1. Meeting Room



### 2. Small Office



### 3. Open Office



### 4. Back Office or Bathrooms



Planning a project with Casambi is as simple as deciding on the functionality of the required control and then combining it with devices from the Casambi ecosystem.

Each device from the Casambi ecosystem is 100% interoperable with all Casambi enabled devices from other manufacturers.

The free Casambi app works as the user interface, commissioning tool, and remote gateway, so no additional devices or software is required to operate a standard Casambi mesh network.

Wireless and self-powered switches from the Casambi ecosystem can be used as a handheld device or easily attached to any surface. They work both as an on/off switch and a dimming controller.

In offices, occupancy detection can lead up to 44% energy savings compared to a lighting system without any controls.

- **Switch:** ON/OFF switch or dimming controller.
- **Xpress:** Casambi wall-mounted switch to control up to 4 scenes, dimming and color temperature.
- **Casambi App:** Full functionality for commissioning and end-user control.
- **Daylight:** Level of artificial lighting is adjusted in response to available daylight.

- **Occupancy detection:** Lights are activated or dimmed based on presence.
- **Calendar & Timer:** Activate or deactivate light scenes based on the time of day or specific dates.
- **Scenes:** Programmed scenes or animations adjusting the light level, color or color temperature.
- **Circadian lighting:** Personalized circadian profiles to adjust the color temperature (K) of luminaires based on the time of day.

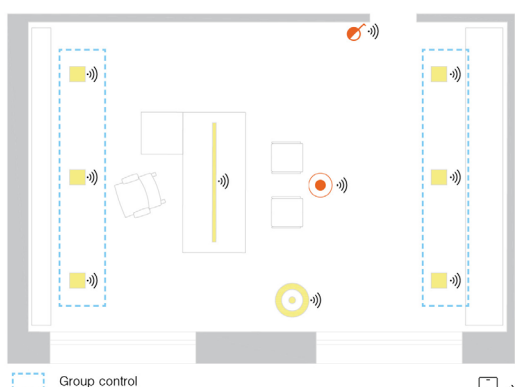
# How to read this guide?

Room Type

Solution Type

## 2. Small Office

## Individual Control



- Casambi Ready luminaire
- Casambi Ready luminaire
- Casambi Ready luminaire
- Casambi Ready wireless switch
- Casambi Ready occupancy and light sensor

### Benefits

Casambi Application: You can create separate control groups or create new control groups anytime via the Casambi App.

Using Casambi Ready products would be the easiest and most economic option.

Learn about the products used in the space

Understand how the products are laid out in the space

Understand the benefits

Understand what products would be needed to achieve the strategies

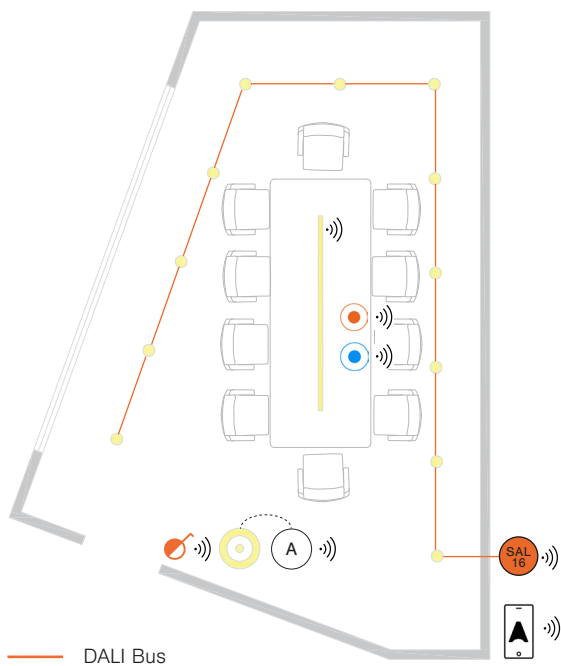
### Devices

LUMINAIRE	Casambi Ready luminaire	1	
	Casambi Ready luminaire	6	
	Casambi Ready luminaire	1	
SENSOR	Casambi Ready occupancy and light sensor	1	
SWITCH	Casambi Ready wireless switch	1	
APPLICATION	Casambi App on a smart mobile device <i>*Not mandatory for daily use.</i>		

### Functionality

Casambi App on a Smart Mobile Device		Human Centric Lighting	
Occupancy Detection		Daylight Harvesting	
Calendar and Timer		Data Analytics	

Learn what strategies can be implemented in the space

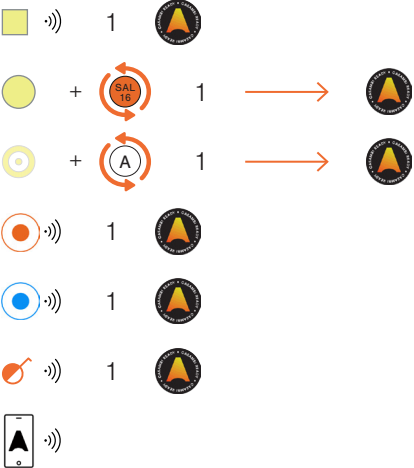


- Casambi Ready luminaire
- Standard luminaire DALI
- Standard luminaire with dimmable LED lamp
- Casambi Ready switch
- Casambi Ready occupancy and light sensor
- Casambi Ready air quality sensor
- Casambi Salvador 16 DALI Controller
- The Casambi Salvador Series DALI Controller offer product versions both with and without DALI supply. Depending on the version used, a power supply for the DALI bus might be required.*
- Casambi wireless phasecut dimmer

One Salvador 16 can control up to 16 DALI luminaires. A Casambi network can contain up to 250 nodes, regardless of whether they are DALI or Casambi Ready. DALI luminaires appear in the Casambi App the same way as Casambi Ready luminaires. They can be individually controlled, grouped, or used in hybrid scenes that combine both Casambi Ready and DALI luminaires.

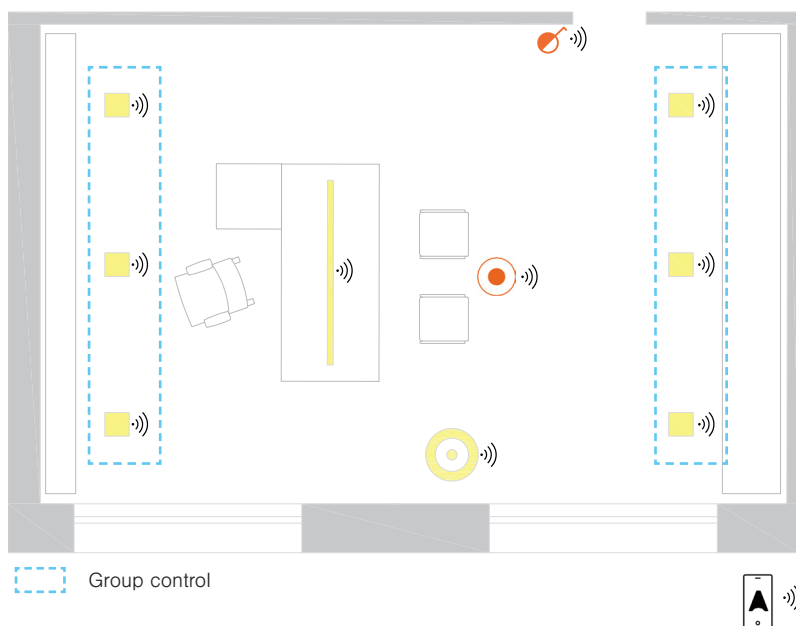
Devices

LUMINAIRE	Casambi Ready luminaire
	Standard luminaire DALI
	Standard luminaire with dimmable LED lamp
SENSOR	Casambi Ready occupancy and light sensor
	Casambi Ready air quality sensor
SWITCH	Casambi Ready switch
APPLICATION	Casambi App on a smart mobile device <i>*Not mandatory for daily use.</i>



Functionality

Casambi Ready Wireless Switch		Human Centric Lighting	
Casambi App on a Smart Mobile Device		Data Analytics	
Occupancy Detection		Calendar and Timer	



-  Casambi Ready luminaire
-  Casambi Ready luminaire
-  Casambi Ready luminaire
-  Casambi Ready wireless switch
-  Casambi Ready occupancy and light sensor

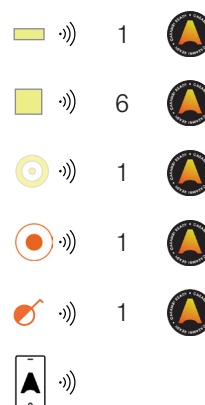
### Benefits

Casambi Application: You can create separate control groups or create new control groups anytime via the Casambi App.

Using Casambi Ready products would be the easiest and most economic option.

## Devices

LUMINAIRE	Casambi Ready luminaire
	Casambi Ready luminaire
	Casambi Ready luminaire
SENSOR	Casambi Ready occupancy and light sensor
SWITCH	Casambi Ready wireless switch
APPLICATION	Casambi App on a smart mobile device <i>*Not mandatory for daily use.</i>



## Functionality

Casambi App on a Smart Mobile Device



Occupancy Detection



Calendar and Timer



Human Centric Lighting

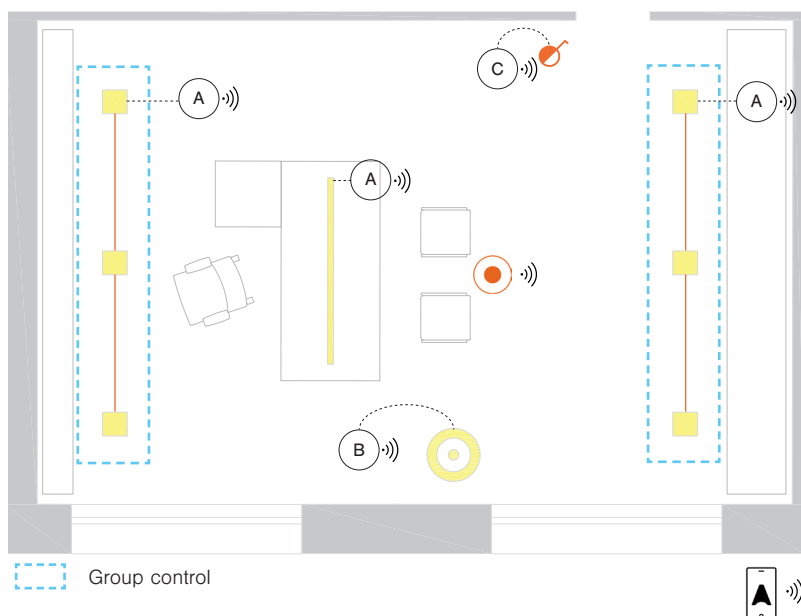


Daylight Harvesting



Data Analytics





- Standard luminaire DALI
- Standard luminaire with dimmable LED lamp
- Conventional wired switch
- Casambi Ready occupancy and light sensor
- Casambi wireless controller DALI
- Casambi wireless phasecut dimmer
- Casambi Ready Input controller
- DALI bus

## Devices

LUMINAIRE	Standard luminaire DALI
	Standard luminaire with dimmable LED lamp
SENSOR	Casambi Ready occupancy and light sensor
SWITCH	Conventional wired switch
APPLICATION	Casambi App on a smart mobile device <i>*Not mandatory for daily use.</i>



## Functionality

Wall-mounted Conventional Switch



Casambi App on a Smart Mobile Device



Occupancy Detection



Calendar and Timer



Human Centric Lighting

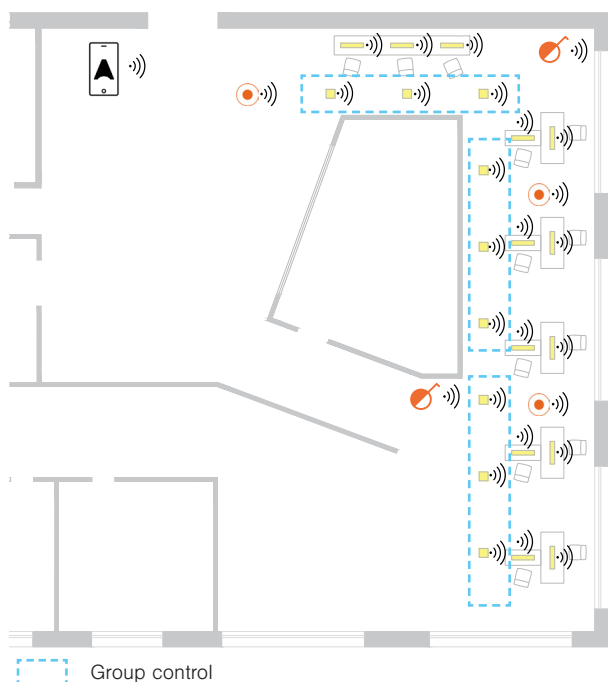


Daylight Harvesting



Data Analytics





- Casambi Ready luminaire
- Casambi Ready occupancy and light sensor
- Casambi Ready switch

## Benefits

Casambi Application: You can create separate control groups or create new control groups anytime via the Casambi App.

Using Casambi Ready products would be the easiest and most economic option.

## Devices

LUMINAIRE	Casambi Ready luminaire
	Casambi Ready luminaire
SENSOR	Casambi Ready occupancy and light sensor
SWITCH	Casambi Ready switch
APPLICATION	Casambi App on a smart mobile device <i>*Not mandatory for daily use.</i>

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## Functionality

Wireless Switch



Casambi App on a Smart Mobile Device



Occupancy Detection



Calendar and Timer



Human Centric Lighting

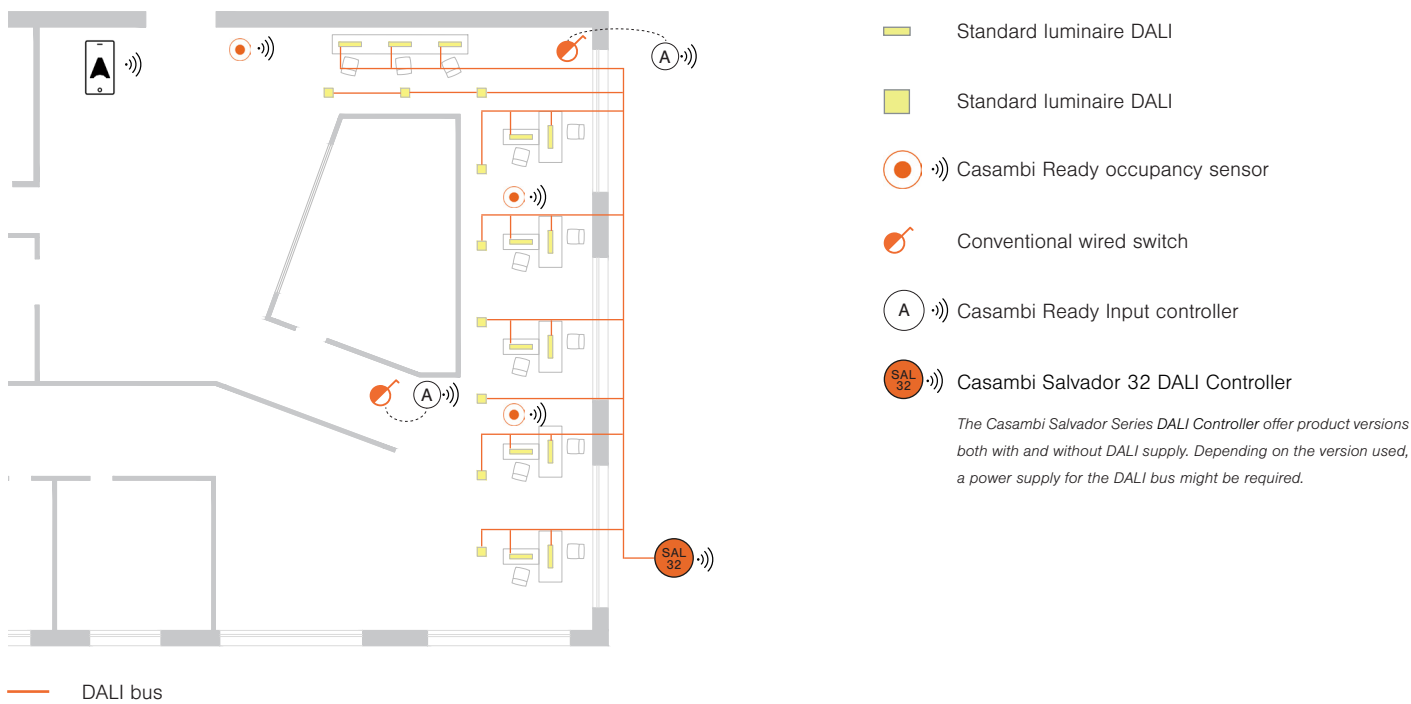


Daylight Harvesting



Data Analytics



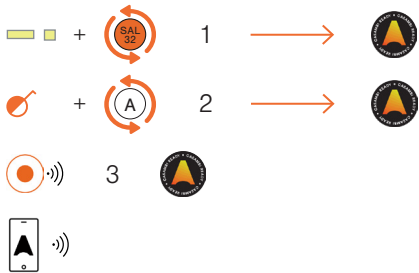


Existing wired DALI installations can be converted to Casambi networks with the addition of a Salvador. Each Salvador can control up to 16/32/64 DALI luminaires. Controllers (switches and sensors) shall be Casambi Ready.

All DALI luminaires and Casambi Ready controllers can be combined together and controlled as a single Casambi mesh network, from the Casambi App.

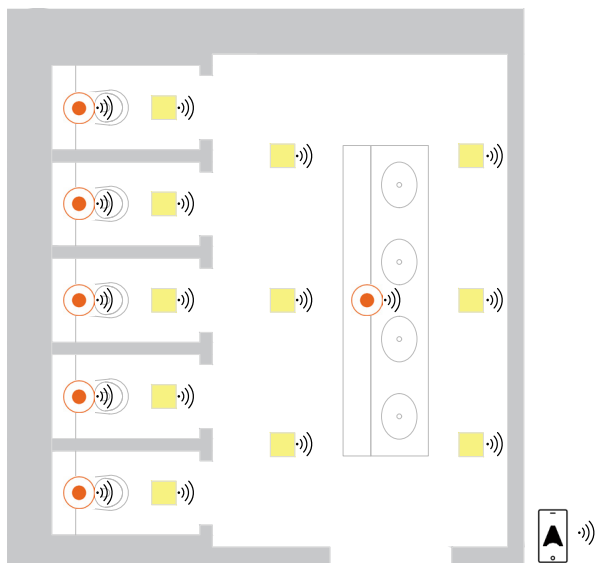
Devices



LUMINAIRE	Standard luminaire DALI
SWITCH	Conventional switch
SENSOR	Casambi Ready occupancy sensor
APPLICATION	Casambi App on a smart mobile device <i>*Not mandatory for daily use.</i>



Functionality






Wall-mounted Conventional Switch		Human Centric Lighting	
Casambi App on a Smart Mobile Device		Daylight Harvesting	
Occupancy Detection		Data Analytics	
Calendar and Timer			







-  Casambi Ready luminaire
-  Casambi Ready occupancy sensor

Devices

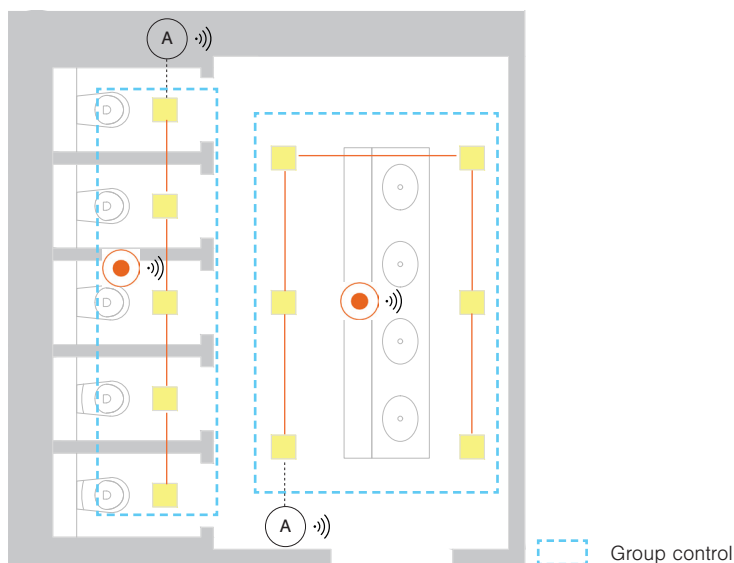
LUMINAIRE	Casambi Ready luminaire
SENSOR	Casambi Ready occupancy sensor
APPLICATION	Casambi App on a smart mobile device <i>*Not mandatory for daily use.</i>





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-  6 
- 

Functionality

- Casambi App on a Smart Mobile Device 
- Occupancy Detection 
- Calendar and Timer 
- Data Analytics 

## Group Control with DALI Dimming



-  Standard luminaire DALI
-  Casambi Ready occupancy sensor
-  Casambi wireless controller DALI
-  DALI bus

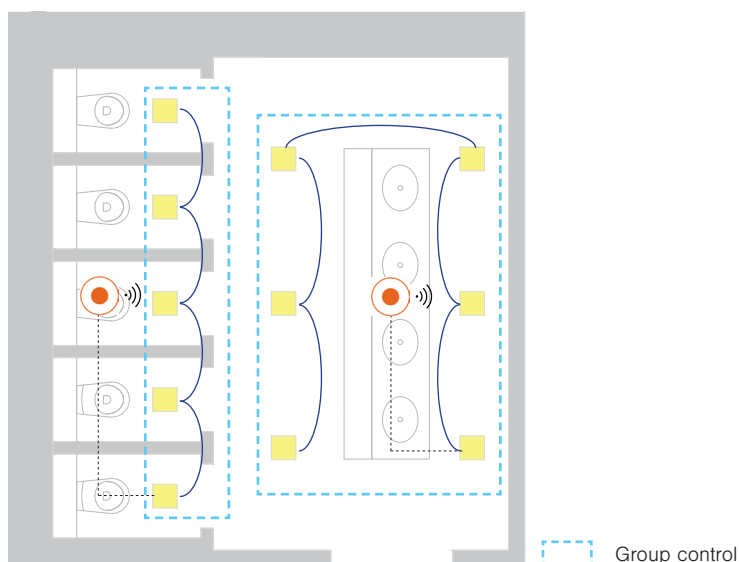
\*Internal walls don't reach up to the ceiling.




## Devices

LUMINAIRE	Standard luminaire DALI
SENSOR	Casambi Ready occupancy sensor



## Group Control with Relay Switching



-  Standard ON-OFF luminaire
-  Casambi Ready occupancy sensor with inbuilt relay
-  Mains wiring

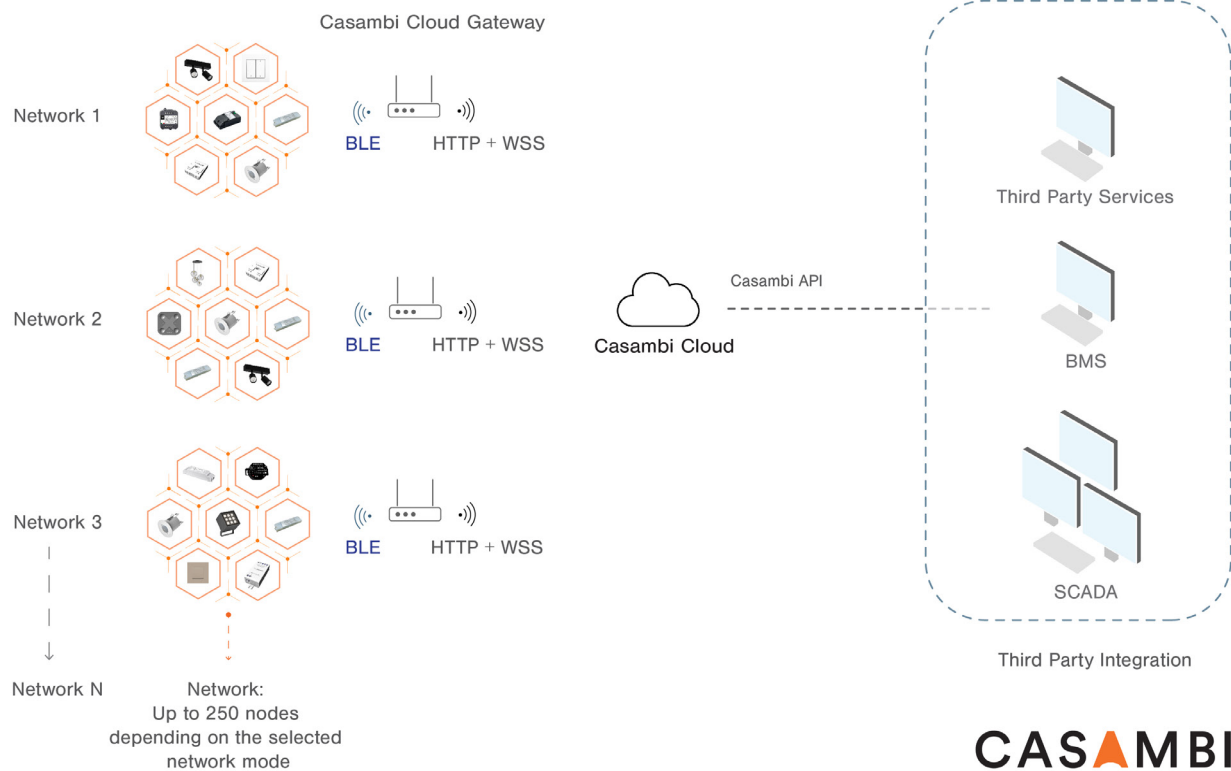
\*Internal walls don't reach up to the ceiling.

## Devices

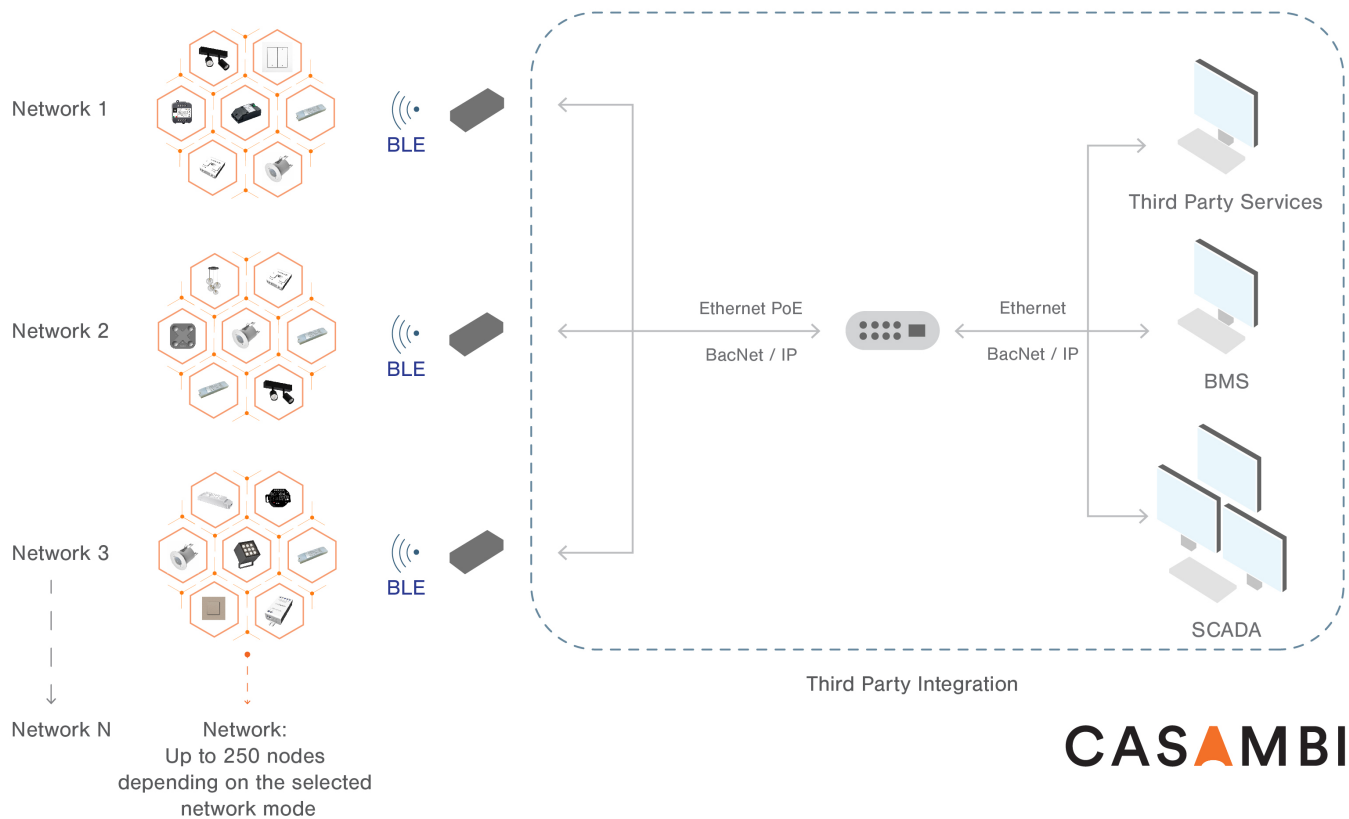
LUMINAIRE	Standard ON-OFF luminaire
SENSOR	Casambi Ready occupancy sensor with inbuilt relay



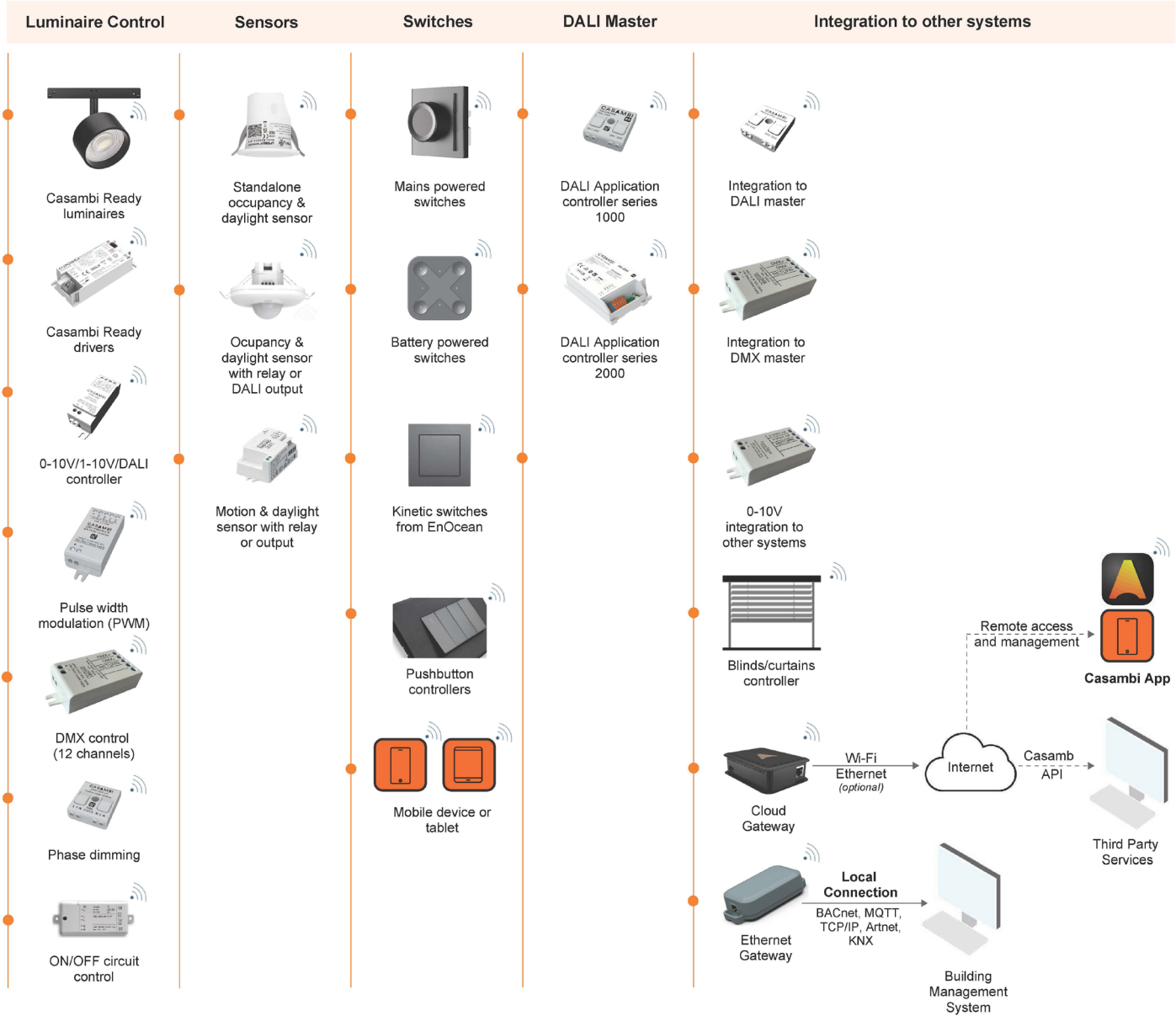
# Linking multiple networks with Casambi Cloud Gateway



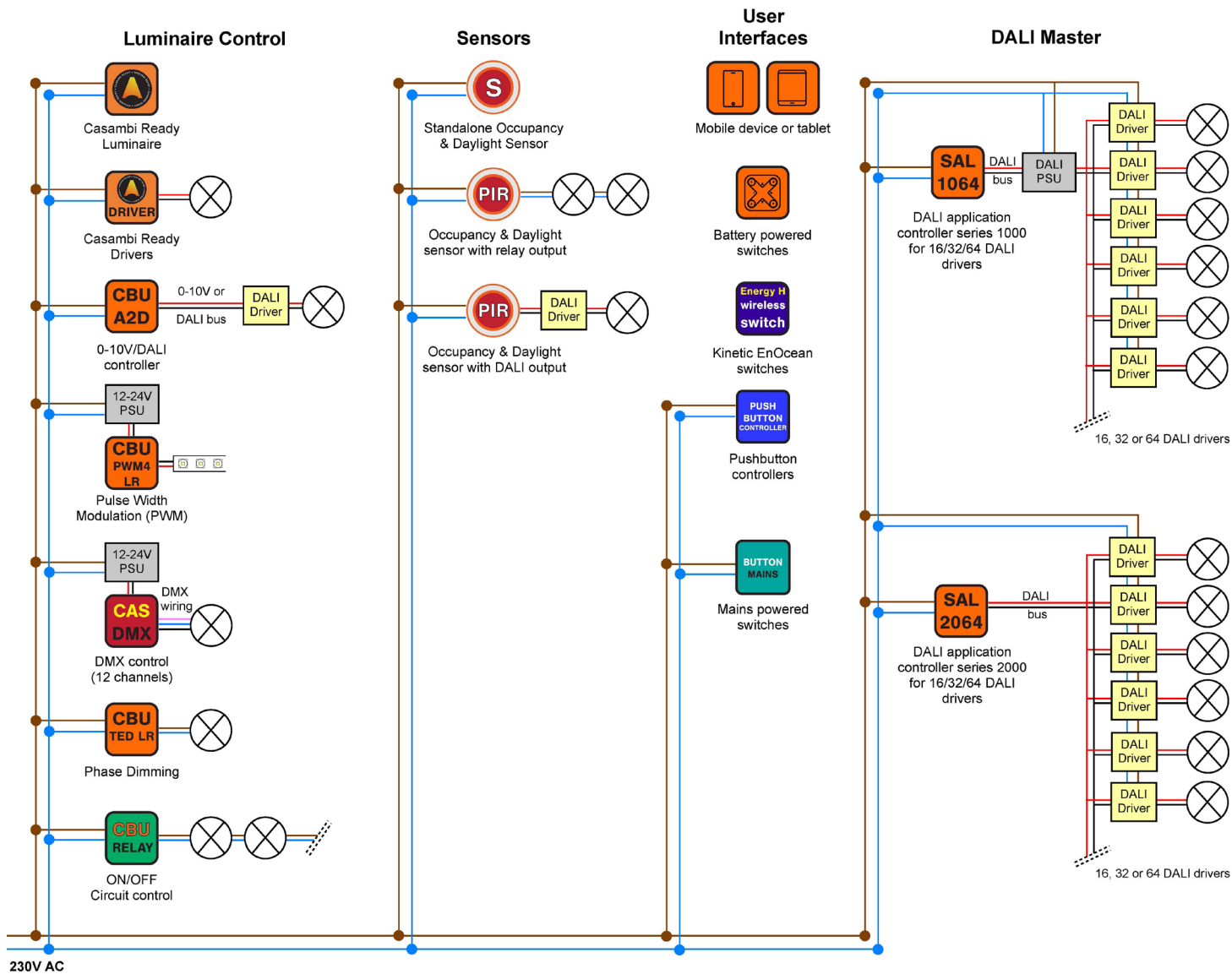
# Linking multiple networks locally



# Casambi System Diagram



# Casambi System Diagram



# Casambi System Diagram

## Integration to other systems

