Smart lighting made easy

Simple and affordable office retrofits

Add wireless lighting control to your project by using Silvair’s tools for connecting a variety of interoperable Bluetooth mesh lighting products.
Simple solution, advanced control

Silvair’s tools for commissioning qualified Bluetooth mesh lighting devices allow you to easily retrofit offices of any size. Using our intuitive web and iOS apps, you can customize lighting control parameters in accordance with site-specific needs and building energy codes without specialized training.

By going wireless with Silvair, you eliminate additional wiring and central control boxes to avoid deployment difficulties and unnecessary expenses. As a result, you have access to user-friendly and flexible lighting control that enables a wide variety of technologically advanced features.

Start an office retrofit project today

Lighting Control Features

- Occupancy sensing / vacancy sensing / daylight harvesting
- High-end trim / tuning
- Lighting zones – creating groups of interconnected devices, each realizing a selected lighting control scenario
- Zone linking – zone occupancy triggering light in neighboring zones
- Area control with manual dimming and scenes

Optional*

- Scheduling – time-dependent lighting control parameters
- Energy monitoring
- Occupancy monitoring
- Health monitoring

*Silvair Gateway required

Possible types of integration

1. Lighting fixtures equipped with Bluetooth mesh enabled fixture controllers + external Bluetooth mesh occupancy/ambient light sensors + switches
2. Lighting fixtures equipped with Bluetooth mesh sensors-controllers + switches
Choose from the growing ecosystem of products

Fixture Controllers

- McWong Fixture Controller EC Mesh 24VDC
- McWong Fixture Controller EC Mesh 48VDC
- McWong Fixture Controller Mesh 48VDC
- McWong Fixture Controller Mesh 24VDC
- DG Light DG559 Bluetooth mesh 0-10V
- Fulham 10V Bridge

Sensors-controllers

- Murata Fixture-Integrated Sensor Controller ALS/PIR
- McWong 12-24V DC Ceiling Mount PIR Motion Sensor
- McWong 12-24V DC Remote Head PIR Motion Sensor
- McWong 12-24V DC Microwave Motion Sensor
- McWong 12-24V DC Compact Microwave Motion Sensor
- McWong 12-24V DC Remote Head Microwave Motion Sensor
- McWong 12-24V DC Remote Ultrasonic Motion Sensor

Switches

- McWong 120-277 volt Bluetooth Dimming Switch
- McWong 120-277 volt Bluetooth Dimming Sensor Switch
- EnOcean Easyfit Single Rocker Switch US Design ESRPB
- EnOcean Easyfit Double Rocker Switch US Design EDRPB

Sensors

- Danlers Plug-in Directional PIR Occupancy Detector & Photocell
- Danlers Passive PIR Occupancy Detector & Photocell Module

A complete list of Silvair empowered components is available at our website - www.silvair.com

Maximized customer satisfaction

- Improved quality of lighting
- Lower operating and maintenance costs
- Enhanced well-being of employees
- Significantly reduced energy consumption
- Facilitated compliance with energy codes
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