Smart lighting made easy

Simple and affordable retrofitting of school

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 schools 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 a school 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 neighbouring zones
- Area control with manual dimming and scenes

**Optional***

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

*Silvair Gateway required

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**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

Sensor-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

Maximized customer satisfaction

- Significantly reduced energy consumption
- Lower operating and maintenance costs
- Well-lit educational environments supporting various learning activities
- Increased comfort of students and academics
- Definable lighting scenes for specific teaching purposes

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