



enocean alliance

Building Smarter Connectivity

A Solution For Every Classroom



Our family of products offers solutions for every budget and classroom. The solution is particularly well suited for renovations and retrofits, as most installations can be completed without impact to existing structures, and without disrupting asbestos and other hazardous materials. Whether you are designing a new school, upgrading existing classroom or specifically looking for energy efficiency or data analytics for your entire portfolio of buildings, we can help design a configuration that meets your needs. Our basic solutions maximize first cost benefit by eliminating the need for wiring and reducing the time to install, while the optimized solution focuses on significantly reducing operating costs over the life of the school.

	First Cost Benefit ←————→ Life Cycle Cost Benefit		
Energy Efficiency & Comfort	Basic	Improved	Optimal
Future-ready	Gateway & Cloud Connectivity available for all configurations		
Light Switch (aiding ADA compliance)			
Lighting Controller			
Vacancy Sensor			
Daylight Sensor			
Humidity & Temperature Controller			
HVAC Control Units			
Lighting Controls working in conjunction with Fire Alarms			
CO2 sensors monitor indoor air quality			
Wireless actuators control radiators			
Actuators control heating, ventilation and shading			
Battery-free wireless door/window contacts monitor window status			



At a Glance

Product Benefits:

- Reliable, maintenance-free wireless switches, sensors, controllers
- Compatible with all 0-10V luminaires
- Choice of more than 5,000 products
- No interference with existing Wi-Fi systems
- Products can be placed freely on glass, stone, wood, or furniture as required
- Flexible room configuration
- Easy upgrade from basic to optimal and any step in between
- Future-ready with optional gateway and cloud-connectivity integrated in each product

"You cannot manage what is not measured"

The ability to connect to the cloud puts you in charge of **performance**.

Collecting **millions of data-points**, **analyzing** them and enabling faster and **better decisions** is only one of the advantages – another is the ability to manage **multiple** buildings, a campus or an entire portfolio of **geographically dispersed buildings**.

Reduced install time because there are **no wires, no power connections** and you mostly work below the ceiling plane.

>41%

Significant flexibility in terms of placement.

No Wires. No Batteries. No Limits.

More than 18 years experience in connecting products wirelessly

First Cost Benefits:

- Fast - can be installed in occupied spaces – reducing cost of installation

>25%

- Most projects can be completed without impact to existing structures, and no disruption to asbestos and other hazardous materials.
- Limited noise/dust/dirt
- Flexible space planning and easy restructuring

Life Cycle & Energy Savings:

>47%

- Flexibility, no maintenance needed
- Optimized servicecalls
- Effective manpower use
- Increased safetylevels
- Faster reaction to system faults
- Significant reduction in Energy Consumption

Taking pressure off operating budgets

- > **5,000** products,
- > **10,000,000** installed in
- > **1,000,000** buildings in
- > **37** countries

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