


















A Solution For Every Warehouse



Lighting upgrades in Warehouses are an ideal time to add controls and further increase the efficiency. Whether your budget focuses on first cost or is geared toward life-cycle cost optimization, we have a tailored solution for you. Particularly well suited for renovations and retrofits, most installations can be completed without impact to existing structures, and without disrupting tenants, asbestos and other hazardous materials. Wireless controls make it simple to match the lighting layout to the racking layout, regardless of circuit configuration. Future-ready controllers allow the luminaires to run as a stand-alone system or connect to the cloud for detailed data analytics. Our simplest 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 building.

	First Cost Benefit	Life Cycle Cost Benefit
Energy Efficiency & Comfort	Basic	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



enocean alliance

Building Smarter Connectivity

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 service calls
- Effective manpower use
- Increased safety levels
- 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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