

Use Case Hotel Building



Batteryless wireless switches control light and shading



Batteryless access card switches control heating and lighting



Occupancy sensors trigger lighting and climate control systems



Batteryless liquid detection sensors monitor fluid leaks



Networked smoke sensors set off fire alarms to trigger emergency response



Batteryless wireless window contacts monitor window status



Actuators control heating, ventilation and shading



Wireless actuators control radiators, room controllers govern underfloor heating



Batteryless wireless control units allow for optimal climate conditions and maximum operating comfort



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And these are the benefits for

Architects

- Maintenance-free, interoperable wireless sensors
- Freely positionable products which can be placed on glass, stone, wood or furniture as required
- Flexible room configuration

Specifiers

- Simplified planning and high flexibility through freely positionable devices
- Interoperable products
- Compatibility with other building automation systems (KNX, LON, BACnet, TCP/IP)

System integrators / Contractors

- Speedy, flexible installation / system start-up without downtime
- Simple retrofit during undisturbed operation
- No cabling, no drilling, no noise/dust/dirt

Investors / Property Owners

- Reduced cost of installation and operation
- Flexible space planning and easy restructuring
- Less downtime during renovation
- High energy savings
- Interoperable and scalable standard solutions

Facility Managers

- Flexibility, no maintenance needed
- Optimized servicing
- Effective manpower use
- Increased safety levels
- Faster reaction to system faults
- Interoperable and scalable standard solutions

Facility users

- Enhanced comfort

References



Energy Saving Hotels
(USA)



Platzl Hotel, Munich
(Germany)



Springhill Suites,
Natomas (USA)



Hainan Airline Hotel
(China)