

## Use Case Hotel Building



Batteryless wireless switches control light and shading



Batteryless wireless window contacts monitor window status



Batteryless access card switches control heating and lighting



Actuators control heating, ventilation and shading



Occupancy sensors trigger lighting and climate control systems



Wireless actuators control radiators, room controllers govern underfloor heating



Batteryless liquid detection sensors monitor fluid leaks



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



Networked smoke sensors set off fire alarms to trigger emergency response



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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)