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
Use Case Hotel Building

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)