

Use Case Historic Building



Batteryless wireless window contacts monitor window status



Batteryless liquid detection sensors monitor fluid leaks



Occupancy sensors trigger lighting and climate control systems



CO₂ sensors monitor indoor air quality



Networked smoke sensors set off fire alarms to trigger emergency response



Batteryless wireless switches control lighting and shading



Batteryless wireless door/window handles monitor door/window status



Batteryless wireless door contact switches monitor door status



Actuators control heating, ventilation and shading according to requirements and specifications



Batteryless temperature and humidity sensors monitor indoor air quality



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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
- No cabling, no drilling, no noise/dust/dirt

Investors / Property Owners

- Reduced cost of installation and operation
- Simplified restructuring
- Easier refurbishment
- 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
- Reduced noise/dust/dirt

References



Taimadera Buddhist Temple (Japan)



Semperoper, Dresden (Germany)



Queen Annes Gate (UK)



St. Andrews Cathedral (Canada)