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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Use Case Historic 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
- 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)

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