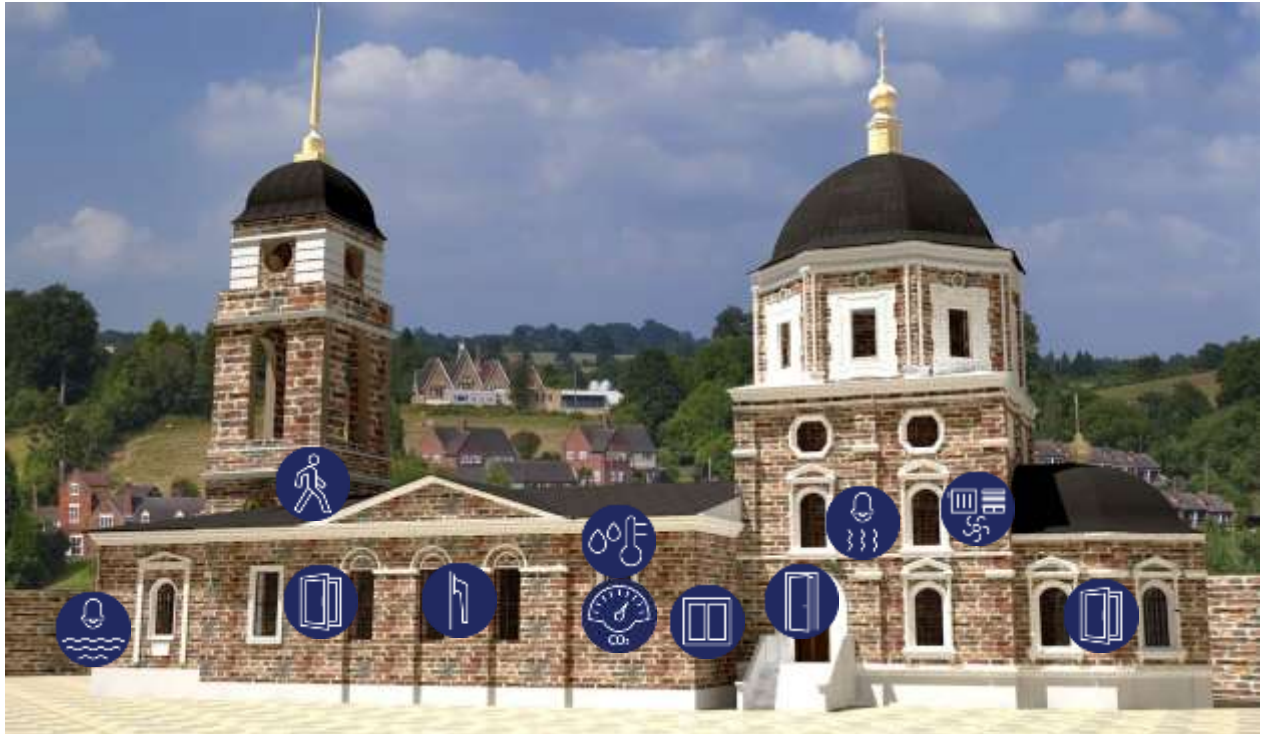


Use Case Historic Building



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



Use Case Historic Building

And these are the benefits for

Architects

- Maintenance-free, interoperable wire-less 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)