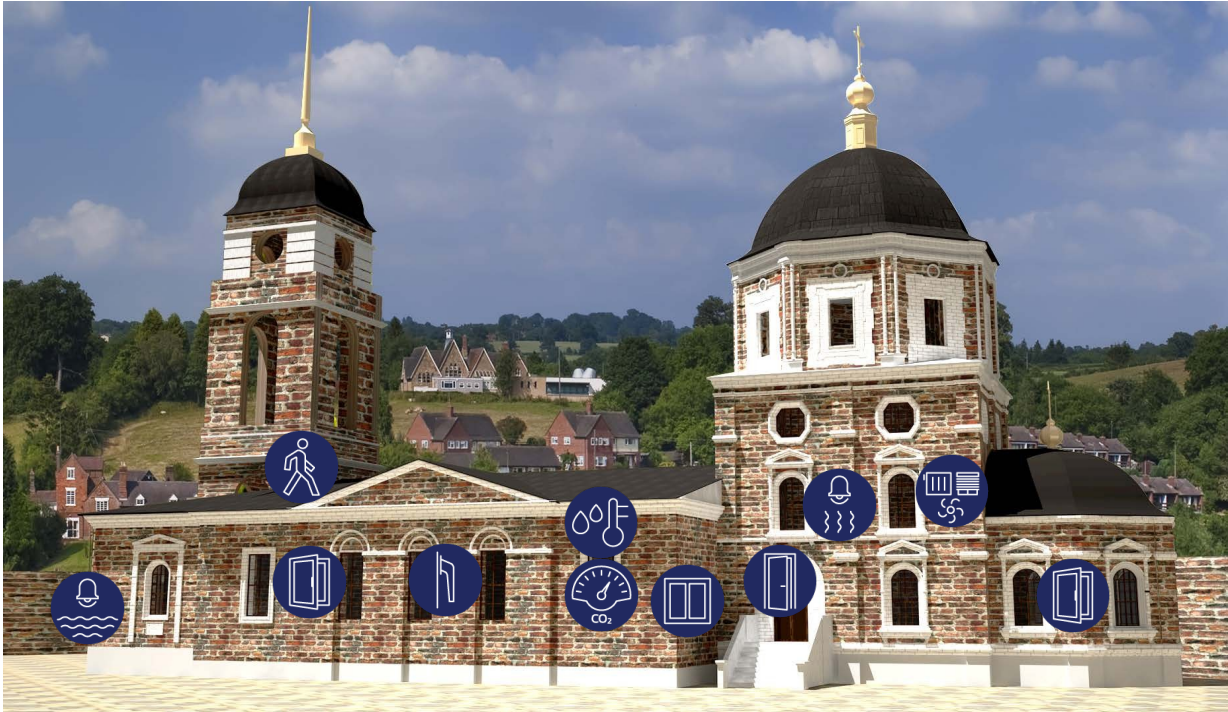# Use Case Historic Building

Batteryless wireless window contacts monitor window status

Batteryless liquid detection sensors monitor fluid leaks

Occupancy sensors trigger lighting and climate control systems

CO_2 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

EnOcean Alliance Inc.   www.enocean-alliance.org   info@enocean-alliance.org

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
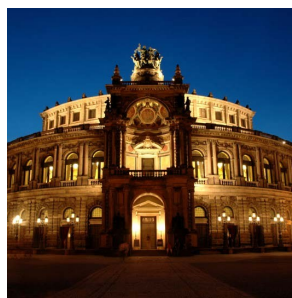
Facility Managers

- 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)