**Use Case Retail Facility**

Batteryless wireless switches control lighting and shading

Batteryless wireless switches perform remote-control functions

Occupancy sensors trigger lighting and climate control systems

Light actuators control lighting according to requirements

Networked smoke sensors set off fire alarms to trigger emergency response

Batteryless wireless window contacts monitor window status

Batteryless wireless door contact switches monitor door status

Batteryless wireless control units allow for optimal climate conditions and maximum operating comfort

Wireless actuators control radiators

Sunblind actuators control the sun-shade elements

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Use Case Retail Facility

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
- No cabling, no drilling, no noise/dust/dirt
- Simple retrofit during undisturbed operation

**Investors / Property Owners**
- Reduced cost of installation and operation
- Flexible space planning and easy restructuring
- High energy savings
- Better business environment

**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

**Facility users**
- Enhanced comfort
- Easy analysis of floorspace usage
- Pleasant atmosphere for sales staff and customers

**References**

Changi City Point (Singapore)
Morrisons Distribution Center (UK)
Toys R Us (UK)
Xtramart Convenience Store (USA)

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