

## 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



## 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

#### References



Changi City Point  
(Singapore)



Morrisons Distribution  
Center (UK)



Toys R Us  
(UK)



Xtramart Convenience  
Store (USA)

#### 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