











Use Case Retail Facility



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|  | Batteryless wireless switches control lighting and shading |  | Batteryless wireless window contacts monitor window status |
|  | Batteryless wireless switches perform remote-control functions |  | Batteryless wireless door contact switches monitor door status |
|  | Occupancy sensors trigger lighting and climate control systems |  | Batteryless wireless control units allow for optimal climate conditions and maximum operating comfort |
|  | Light actuators control lighting according to requirements |  | Wireless actuators control radiators |
|  | Networked smoke sensors set off fire alarms to trigger emergency response |  | 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

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)