





## Use Case Industrial Building





 Batteryless wireless switches control lighting and shading


 Batteryless liquid detection sensors monitor fluid leaks


 Occupancy sensors trigger lighting and climate control systems

 Batteryless light sensors optimize illumination

 Batteryless wireless door contact switches monitor door status

 Submetering enables cost-centre accounting

 Light actuators control lighting according to requirements

 Networked smoke sensors set off fire alarms to trigger emergency response



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### 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)

#### Investors / Property Owners

- Reduced cost of installation and operation
- Flexible space planning and easy restructuring
- Less downtime during renovation
- 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
- Compatible with common lighting control solutions (e.g. DALI)
- Interoperable and scalable standard solutions

#### System integrators / Contractors

- Speedy, flexible installation / system start-up without downtime
- No cabling, no drilling, no noise/dust/dirt
- Simple retrofit during undisturbed operation

#### Facility users

- Enhanced comfort
- Easy analysis of floorspace usage

### References



Wayne County Airport Authority (USA)



BMW production plant (Germany)



Aggreko factory (UK)



Cardboard production plant (Canada)