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

Use Case Industrial 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)

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)