

## Use Case Office Building



Batteryless wireless switches control lighting and shading



Batteryless wireless switches perform remote-control functions



Occupancy sensors trigger lighting and climate control systems



Batteryless light sensors optimize illumination



Networked smoke sensors set off fire alarms to trigger emergency response



Batteryless wireless window contacts monitor window status



Batteryless wireless door/window handles monitor door/window status



Batteryless wireless control units allow for optimal climate and maximum comfort



Wireless thermostat valves adjust radiator temperature



Sunblind actuators control the sunshade elements



Sensors in sitting furniture switch off appliances in unoccupied spaces



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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

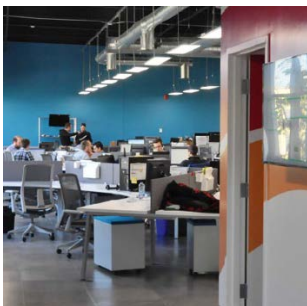
#### Specifiers

- Simplified planning and high flexibility through freely positionable devices
- Interoperable products
- Compatibility with other building automation systems (KNX, LON, BACnet, TCP/IP)

#### System integrators / Contractors

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

#### References



Schneider Electric R&D facility, Montreal (Canada)



NYC Department of Sanitation (USA)



Vossloh-Schwabe Shanghai office (China)



ADAC Headquarters Munich (Germany)

#### Investors / Property Owners

- Reduced cost of installation and operation
- Flexible space planning and easy restructuring
- Rapid, need-based space conversion enables fast tenant turnaround times
- High energy savings
- Higher productivity

#### Facility Managers

- Flexibility, no maintenance needed
- Optimized servicing
- Effective manpower use
- Increased safety levels
- Faster reaction to system faults
- Interoperable and scalable standard solutions

#### Facility users

- Enhanced comfort and productivity
- Pleasant workplace atmosphere