

Building Management System

A smart system allowing integration, automation, and optimisation of all the equipment and services that manage a building environment.



User Behavior Analysis



**Energy Saving
& Resource
Optimization**

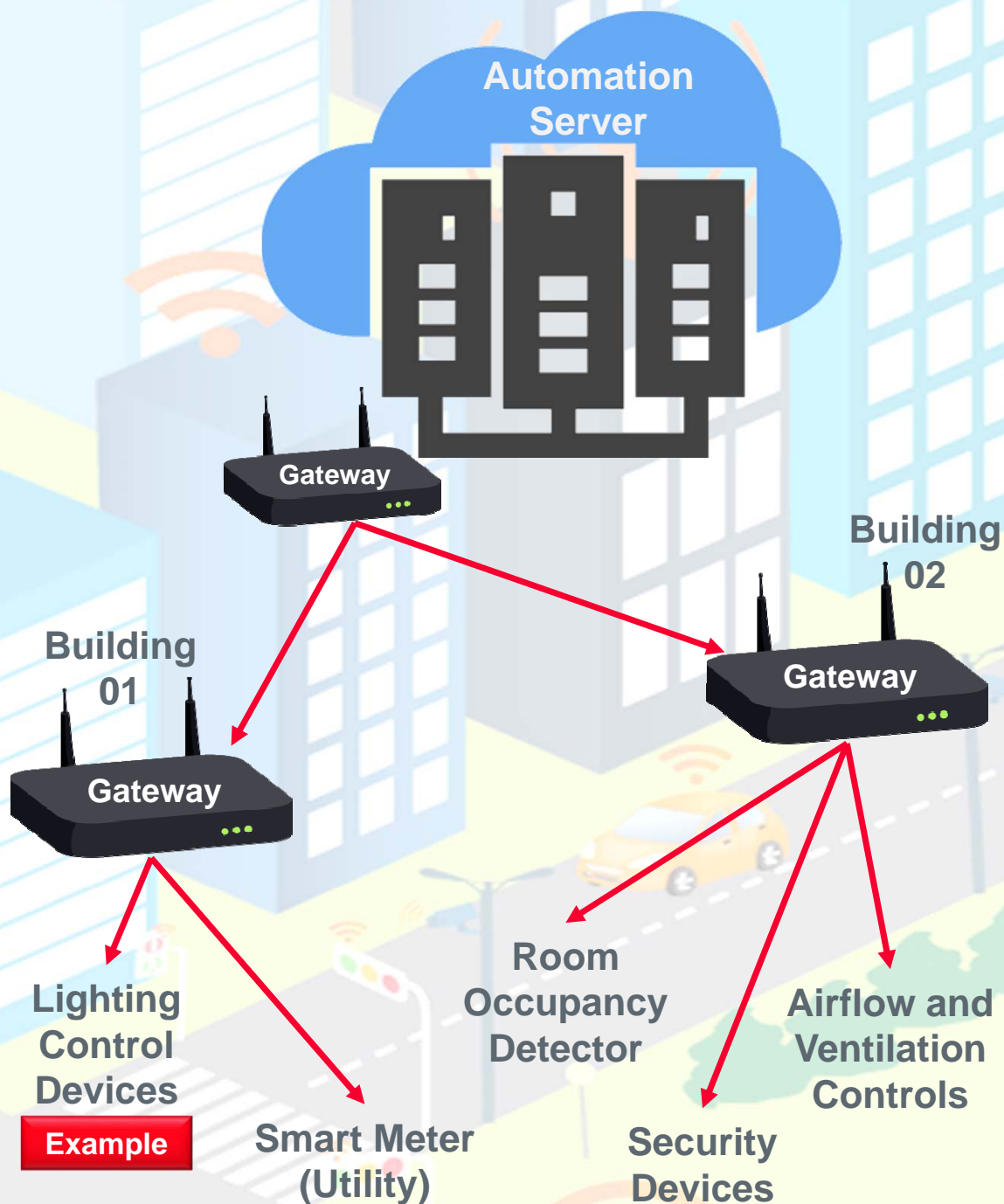


**User
Experience
Improvement**



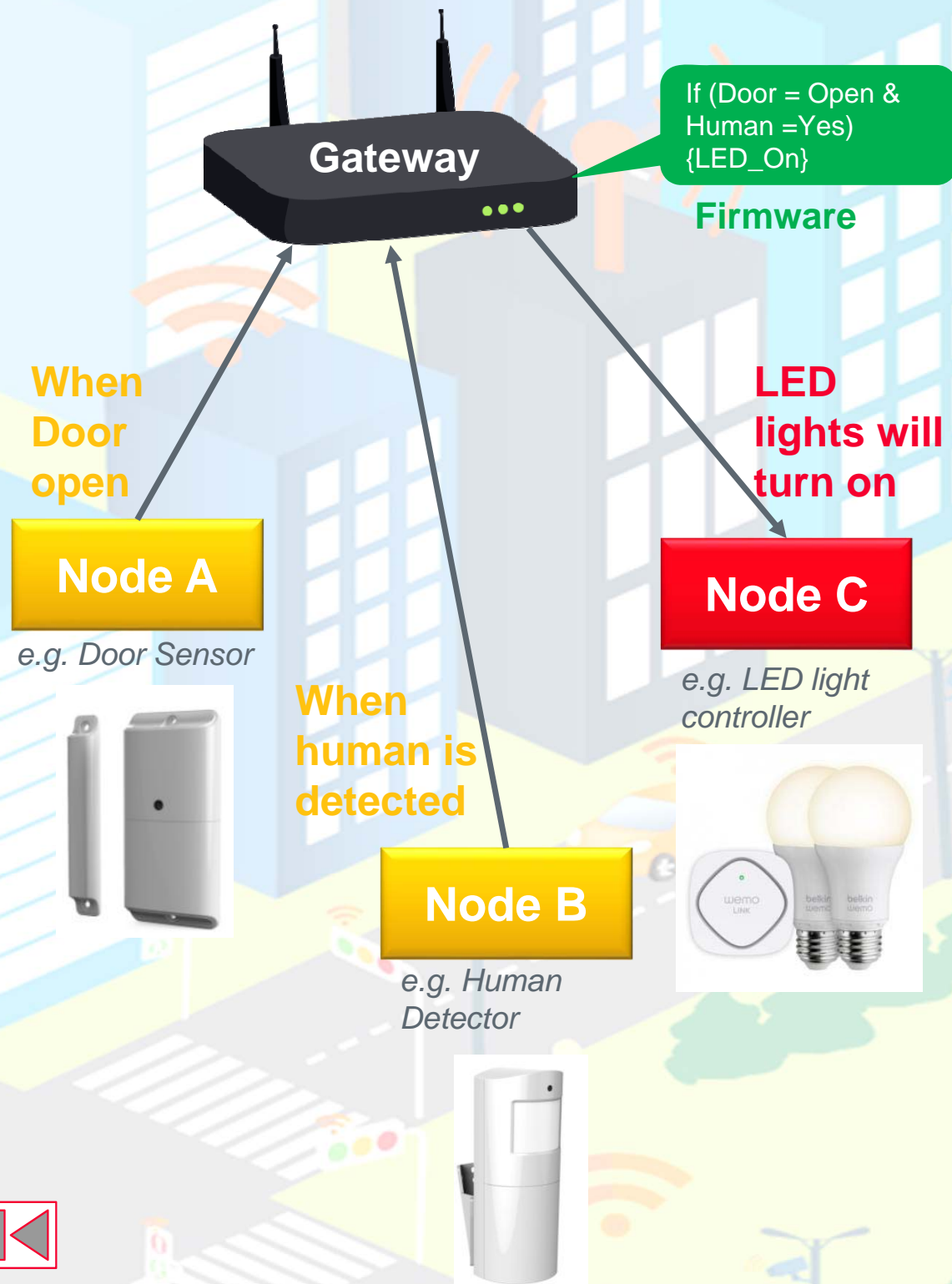
Building Management System

Building Automation System Example



Building Management System

Lighting Automation System Architecture



Building Management System

Murata Products



SHGC300 Gateway

- 1000M Ethernet
- Type-A USB
- Micro SD slot
- WiFi (802.11bgn)
- ZigBee
- EnOcean
- Sub-G



Wireless PIR Human Motion Detector

- RF: ZigBee IEEE 80.15.4
- Communication Range: 30m in open area (with Murata ZigBee Gateway)
- Power supply: Lithium Battery CR123A
- Detection Range (horizontal): Max.10m in +/-42.5



Wireless Door Magnetic Detector

- RF: ZigBee IEEE 80.15.4
- Communication Range: 30m in open area (with Murata ZigBee Gateway)
- Magnet detect distance: <15mm
- Power supply: Coin cell CR2430

