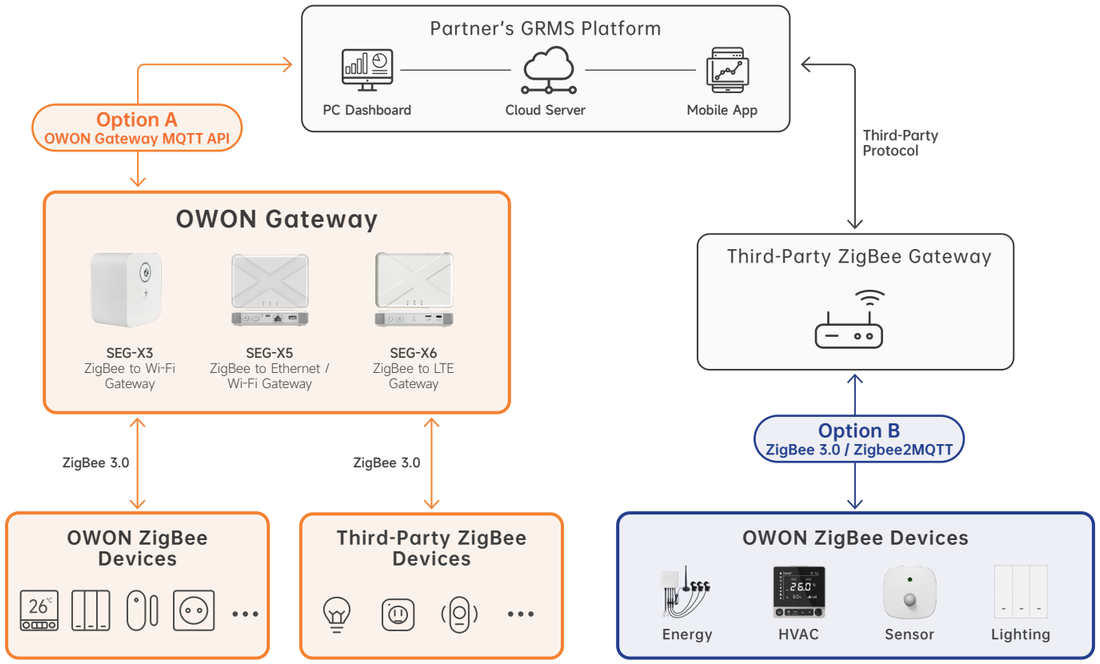
3 How it works?



Option A
Gateway Integration

Use OWON ZigBee gateways and smart devices as the hardware foundation to build your own Guest Room Management System (GRMS).

- **Direct Server Integration**
  Connect OWON gateways directly to your own server via MQTT APIs.
- **Independent Platform Development**
  Develop your own dashboards, mobile apps, and management functions.
- **Reliable Local Operation**
  Maintain local device control and automation during internet outages.
- **Third-Party Device Integration**
  Integrate compatible third-party ZigBee devices into OWON gateways, with corresponding gateway-level MQTT API support.
- **Hardware & Firmware Customization**
  Customize devices and firmware to meet specific project requirements.

Option B
Device Integration

Expand your existing GRMS ecosystem by integrating OWON ZigBee devices into your own gateway and software platform.

- **Flexible Device Selection**
  Choose from OWON's standard device portfolio or request customized products for specific applications.
- **New Product Development**
  Have OWON design and manufacture entirely new devices to your specifications.
- **ZigBee 3.0 & Zigbee2MQTT Integration**
  Connect OWON devices to compatible third-party ZigBee gateways or open-source platforms like Zigbee2MQTT using standardized ZigBee 3.0 cluster specifications.
- **Seamless Ecosystem Expansion**
  Add OWON devices to your existing GRMS ecosystem while retaining your own gateway, software platform, and system architecture.


Factory

OWON Technology Inc.
www.owon-smart.com
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Wireless

Guest Room Management System

OWON provides **ZigBee wireless devices**, **gateway-level MQTT APIs**, and **device customization services**, enabling partners to build their own hotel GRMS solutions.



Since 1993

Why Choose OWON?

Why GRMS?

Reduce Operating Costs

- **Pre-Arrival Energy Savings**
  Keep HVAC systems and electrical appliances in energy-saving modes before guest check-in.
- **Occupancy-Based Energy Savings**
  Automatically reduce HVAC and electrical loads when guests leave their rooms.
- **Door/Window-Based HVAC Control**
  Adjust heating or cooling when doors or windows are left open.

Improve Management Efficiency

- **Proactive Maintenance**
  Detect abnormal conditions in room access, HVAC, and electrical equipment for timely maintenance.
- **Optimized Housekeeping**
  Monitor room occupancy remotely to reduce unnecessary inspections and optimize service schedules.
- **Centralized Room Monitoring**
  Monitor room conditions and device status across all guest rooms from a central platform.

Enhance Guest Experience

- **Personalized Room Comfort**
  Automatically adjust room temperature based on occupancy and predefined comfort settings.
- **Intelligent Lighting & Curtains**
  Create coordinated lighting and curtain scenes for different guest activities.
- **Convenient Room Control**
  Enable guests to control lighting, HVAC, and curtains through wall switches or a central control panel.

Who We Are?

OWON Technology is an ISO 9001:2015 certified Original Design Manufacturer specializing in smart devices for hotel guest rooms, as well as an end-to-end IoT solution provider for Guest Room Management Systems (GRMS).

We offer a comprehensive portfolio of wireless devices, open APIs, and device customization services, enabling our partners to build flexible and cost-effective GRMS solutions.

Why OWON?

Wireless & Easy Deployment
Plug-and-play installation enables fast deployment while minimizing disruption to existing hotel interiors.

Cost-Effective Solution
Reduce installation costs and benefit from much more affordable wireless devices.

Complete Device Portfolio
One-stop sourcing for a comprehensive range of smart devices needed for room upgrades.

Open & Flexible Architecture
Build your own GRMS platform using OWON's open APIs and ZigBee devices.

Hardware-Level Integration
Integrate OWON gateways directly with your own platform via MQTT APIs, without relying on third-party cloud.

Reliable Local Operation
Maintain local device control and automation during internet outages.

What We Offer?

Hardware Devices

ZigBee Gateways



SEG-X3
ZigBee to Wi-Fi Gateway



SEG-X5
ZigBee to Ethernet / Wi-Fi Gateway



SEG-X6
ZigBee to LTE Gateway

Energy Management



PC321
Smart Power Meter



CB432
DIN-Rail Smart Relay



WSP406 EU / UK / FR
Smart Wall Sockets

HVAC Control



PCT504
Fan Coil Thermostat



AC211
Split A/C IR Blaster



TRV527
Smart Radiator Valve

Lighting Control



SLC618 / SLC638
Wall Switches



SLC641
Smart Relay Switches



PR412
Curtain Controller

Guest Services



SLC631
Relay Module for Device Conversion



Door Signage



DND Button



Key Card Slot

Room Sensing



DWS332
Door / Window Sensor



PIR313 / PIR323
Motion, Temperature & Humidity Sensors



OPS305
Occupancy Sensor

Integration Interfaces

- **MQTT Gateway API:** Connect OWON ZigBee gateways directly to your own GRMS platform for device monitoring, control, and automation.
- **ZigBee Cluster List:** Integrate OWON ZigBee devices into your own compatible ZigBee gateways and software ecosystem.

Technical Services

- **Custom Device Development:** Customize hardware, firmware, and device functions to meet specific hotel project requirements.
- **Third-Party Device Integration:** Integrate compatible third-party ZigBee devices into OWON gateways, with corresponding MQTT API support.
- **System Integration Support:** Provide technical assistance for device integration, API implementation, and system deployment.