

GUESTCONTROL™
The Choice Of Excellence

SMART ENERGY MANAGEMENT SOLUTIONS FOR THE HOSPITALITY INDUSTRY

Intelligent | Innovative | Powerful

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About Us

Intelligent | Innovative | Powerful

About Us

GUEST CONTROL SYSTEMS LIMITED was founded on a vision to innovate unique energy management & control solutions for the Hospitality Industry. GUEST CONTROL SYSTEMS LIMITED brings to its position as an advance energy management & control solutions design and development company a rich heritage of innovation and technological advancement. Today, GUEST CONTROL SYSTEMS LIMITED has moved well beyond the role of traditional solution development and has been focusing on creating total vertical industry applications and solutions that can help the vertical industry to reduce their capital expenditure, operation expenditure while improving their revenue by enhancing energy conservation and improving performance. The result is a unique market niche highlighting the company's ability to offer its portfolio of applications and solutions at lower cost, increased reliability with value added advantages. GUEST CONTROL SYSTEMS LIMITED solutions are at works in thousands of hospitality and vertical enterprises extended across the globes including those prestigious fortune 500 companies. It is this level of experience and performance that has positioned the company in a place of prominence as it continues to expand its solutions portfolio to meet the challenging hospitality and vertical industry market needs.

Smart Automated Guestroom Control Solution

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Solution Highlights

Cloud Applications



Miniaturization

Wired or Wireless

Touch Screen Technology

Affordable Cost

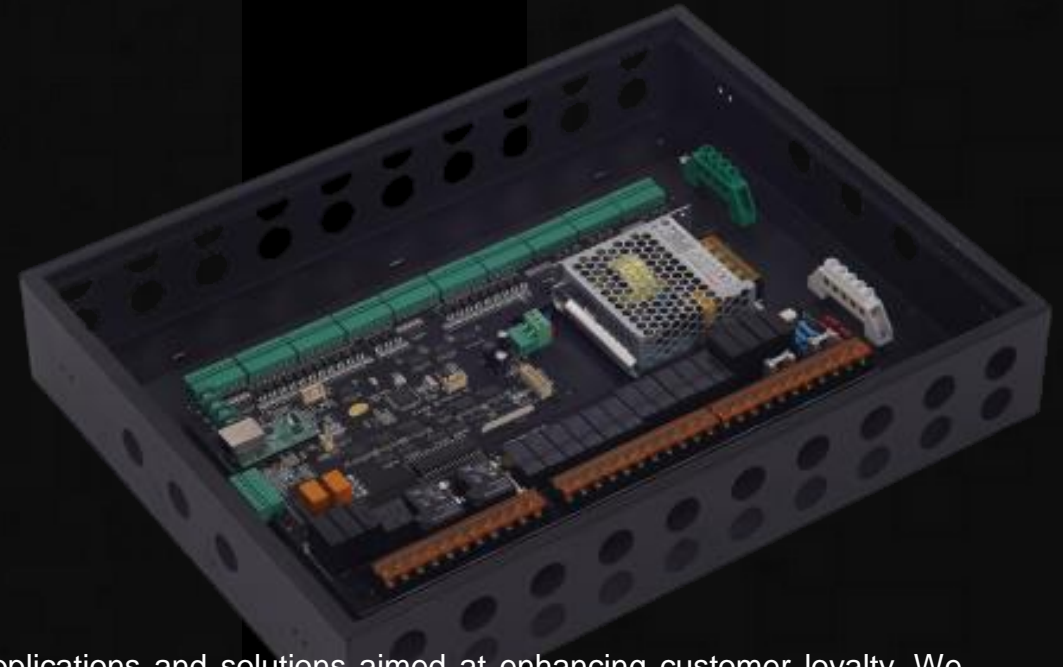
Upgradable From Basic to Complex Configurations

Energy Management Applications & Solutions

GUEST CONTROL SYSTEMS LIMITED energy management applications and solutions includes but not limited to the followings:

- Smart room management controllers (Energy, Lighting, Drape, Voice Activation)
- Bioadaptive lightings
- Power sockets and various low voltage outlets
- Wired or wireless traditional switches
- Wireless touch screen energy management controllers
- Wireless touch screen switch panels
- Mobile energy management & control applications
- Touch screen door display panels with face recognition
- Interface with intelligent voice activation endpoints
- Digital journey with contactless applications
- Interface to PMS
- Integration with companion robot
- Integration with guest optimization applications
- Remote monitoring via centralized dashboard and mobile applications
- Cloud applications

At GUEST CONTROL SYSTEMS LIMITED, our goal is to develop energy management applications and solutions aimed at enhancing customer loyalty. We develop breakthrough ideas and creations that bring real value and satisfaction to the customer and deliver enhanced financial returns to the vertical enterprises. GUEST CONTROL SYSTEMS LIMITED continues to add new applications and solutions from time to time to suit the next generation industry technology and the changing customer demands. Customized applications and solutions are available to strategic partners and vertical industry solution providers.



GUEST CONTROL SYSTEMS LIMITED Smart Energy Management Systems can be easily interface to different PMS to provide:

- Check-in/checkout information to enable the system to detect guest presence in the guestroom more precisely
- Language information to enable the touch screen display to switch to appropriate language for display
- Guest name display for welcome message on the screen



Single Board Smart Room Management Controller

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AUROCO™ Economy Smart Room Management Controller

GCS-SB-2800-SBEM

AUROCO™ GCS-SB-2800-SBEM 12 Channels
Economy Smart Room Management Controller
Upgradable by Another 6 Channels with
Expansion Board



AUROCO™ Standard Smart Room Management Controller

GCS-AU-SB-2800-SBSM

AUROCO™ GCS-AU-SB-2800-SBSM 24
Channels Standard Smart Room
Management Controller Upgradable by
Another 6/16 Channels with Expansion
Board



AUROCO™ 6-Channel Expansion Board
GCS-AU-SB-2800-06EX

AUROCO™ GCS-AU-SB-2800-06EX
6-Channel Expansion Board



Modular All-in-One Smart Room Management Controller

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AUROCO™ Host Controller Module

GCS-AU-MO-2800-HOST

AUROCO™ GCS-AU-MO-2800-HOST
Host Controller Module



Note:
The number of module required in a system depends on
the room size and exact technical requirement

AUROCO™ FCU CONTROL MODULE
GCS-AU-MO-2800-FCUC

AUROCO GCS-AU-MO-2800-FCUC
FCU Control Module



AUROCO™ 30A Relay Module
GCS-AU-MO-2800-30AR

AUROCO™ GCS-AU-MO-2800-30AR
30A Relay Module



AUROCO™ 10A Relay Module
GCS-AU-MO-2800-10AR

AUROCO™ GCS-AU-MO-2800-10AR
10A Relay Module



AUROCO™ Power Module
GCS-AU-MO-2800-POWR

AUROCO™ GCS-AU-MO-2800-POWR
Power Module



AUROCO™ MODULAR RCU ENCLOSURE
GCS-AU-MO-2800-RBOX

AUROCO™ GCS-AU-MO-2800-RBOX
Modular RCU Enclosure



Enclosure color: Black or Grey

Modular Segregated Smart Room Management Controller

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AUROCO™ GATEWAY MODULE
GCS-AU-MO-2800-GATE

AUROCO™ GCS-AU-MO-2800-GATE
Gateway Module



AUROCO™ Relay Module

GCS-AU-MO-2800-RELY

AUROCO™ GCS-AU-MO-2800-RELY
Relay Module



AUROCO™ LOW VOLTAGE DIMMING MODULE
GCS-AU-MO-2800-LDIM

AUROCO™ GCS-AU-MO-2800-LDIM
Low Voltage Dimming Module



AUROCO™ High VOLTAGE DIMMING MODULE

GCS-AU-MO-2800-HDIM

AUROCO™ GCS-AU-MO-2800-HDIM
High Voltage Dimming Module



AUROCO™ 18 Channels Dry Contact I/O (Input/Output) MODULE

GCS-AU-MO-2800-1810

AUROCO™ GCS-AU-MO-2800-1810
18 Channels Dry Contact I/O Module



AUROCO™ 18 Channels Dry Contact I/O (Input/Output) MODULE

GCS-AU-MO-2800-1810

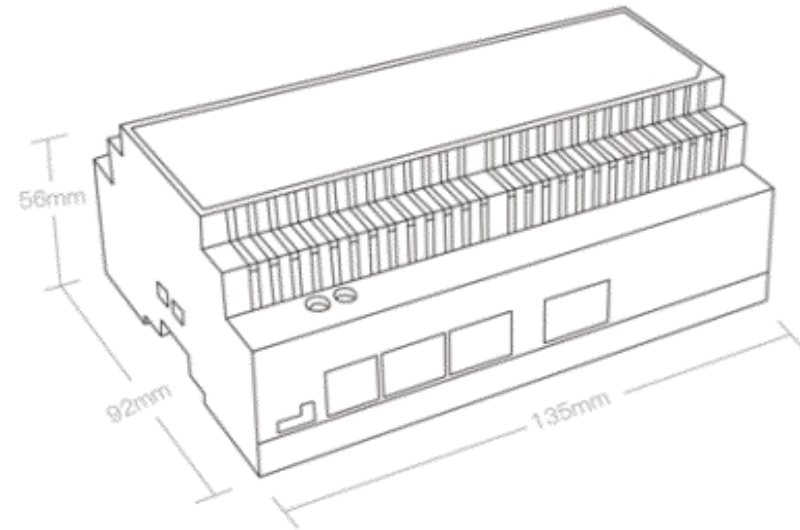
AUROCO™ GCS-AU-MO-2800-1810
18 Channels Dry Contact I/O Module



Note:
This module only manufacture on indent basis

AUROCO™-2800 Module Measurement

AUROCO™-2800 Module
Measurement



Switch Panels & Voice Recognition Endpoints

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AUROCO™ Thermostat



Auroco™ Wired or Wireless Configuration Option

With wired or wireless configurations, different traditional options are available in term of switch types, faceplate material, colour, backlit, etc.

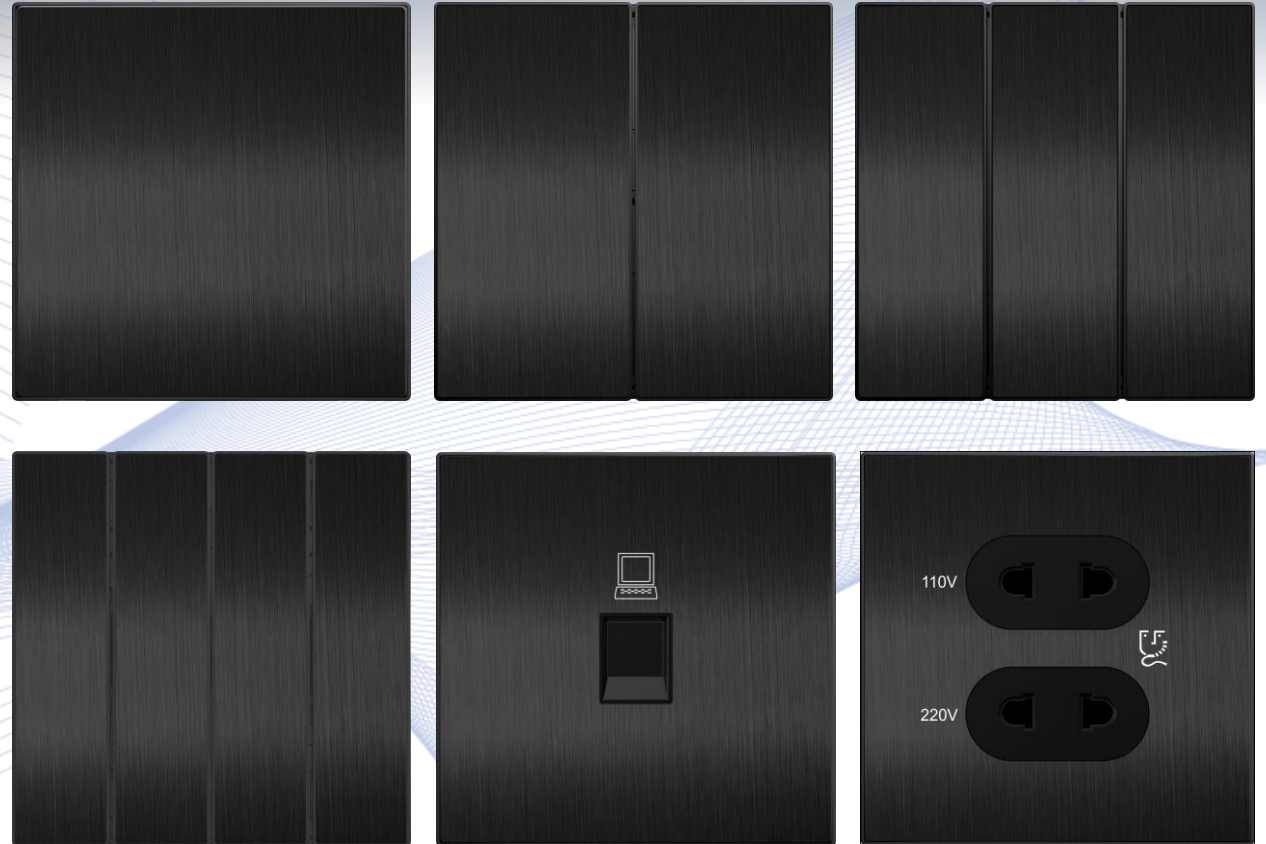
Protocol Supported

Wired:

- High Voltage
- Low Voltage 485 protocol
- Low Voltage dry contact

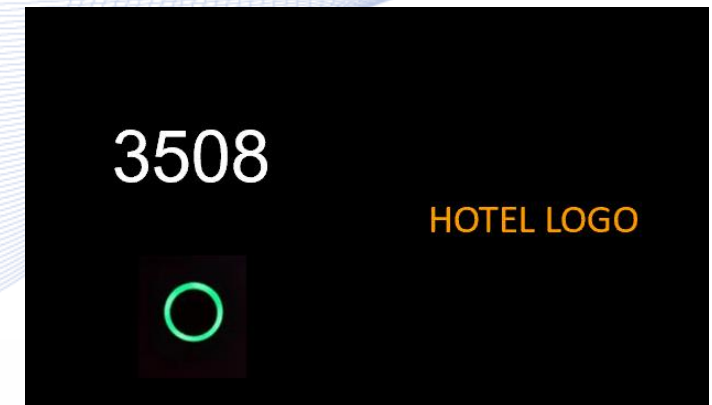
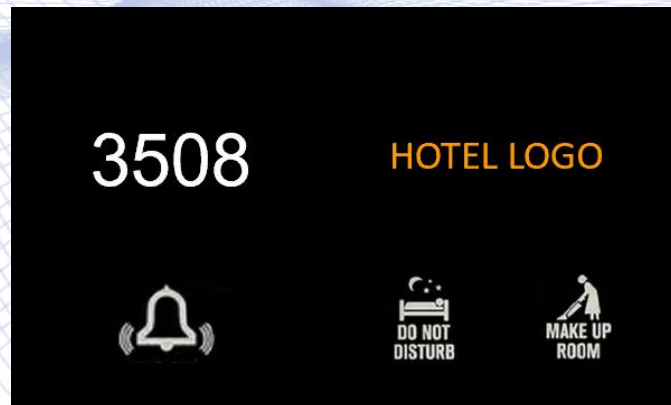
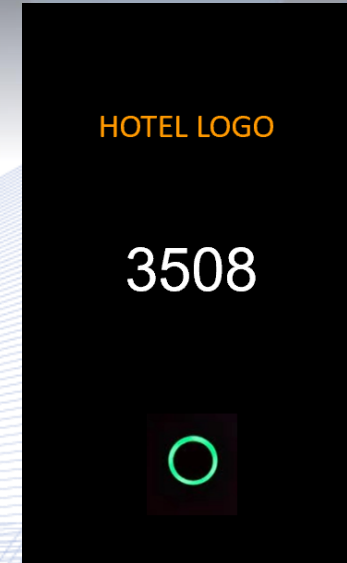
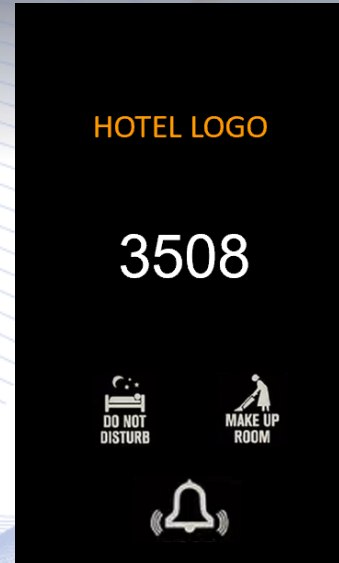
Wireless:

- RF433 (standard)



Text and Icon can be silked screen or laser engraved based on customer's request

Auroco™ DoSign™ Door Signage



Door signage can be customized to customer's specific design

Mobile Apps UI

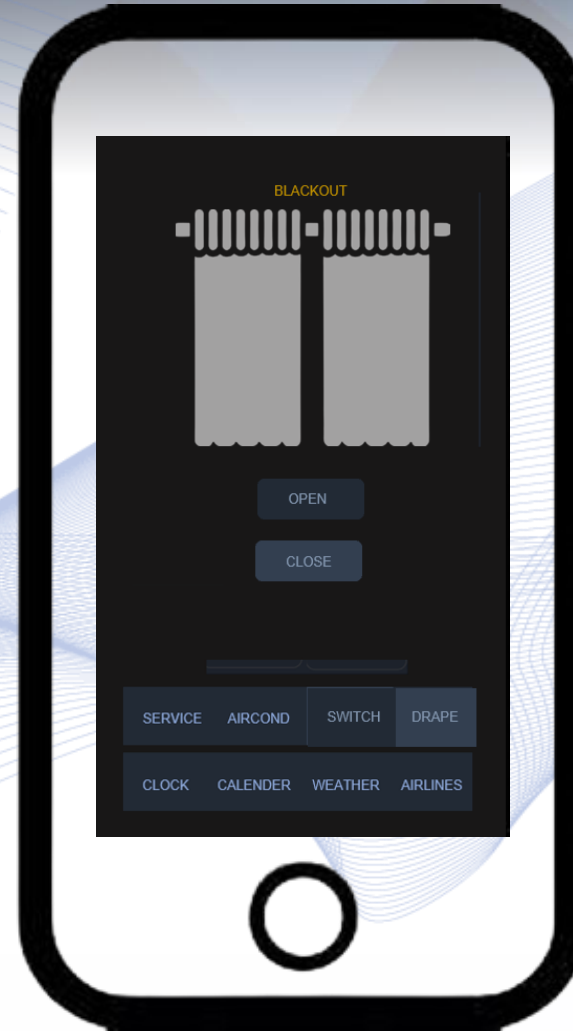
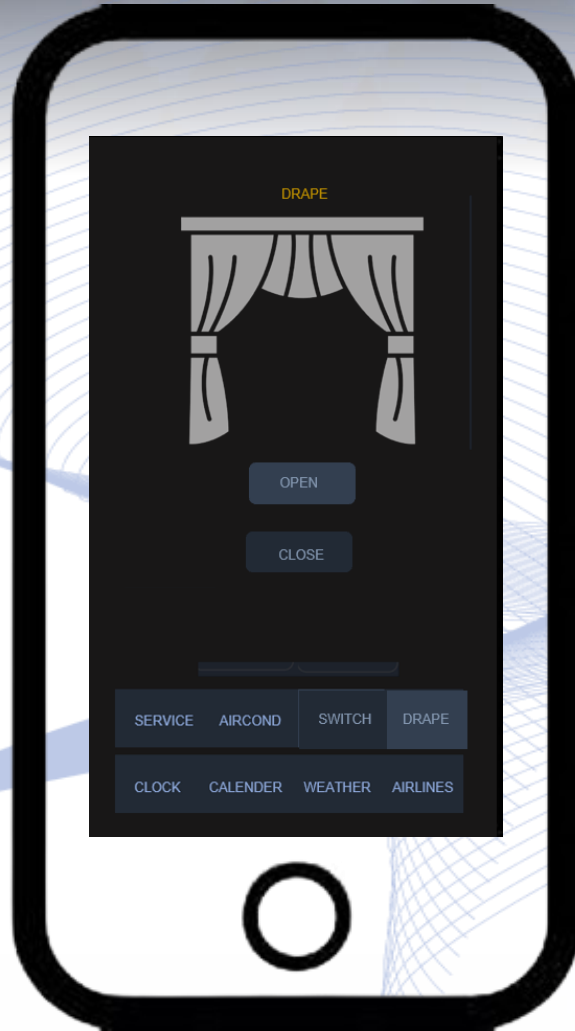
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Mobile Apps UI Display on Handphone



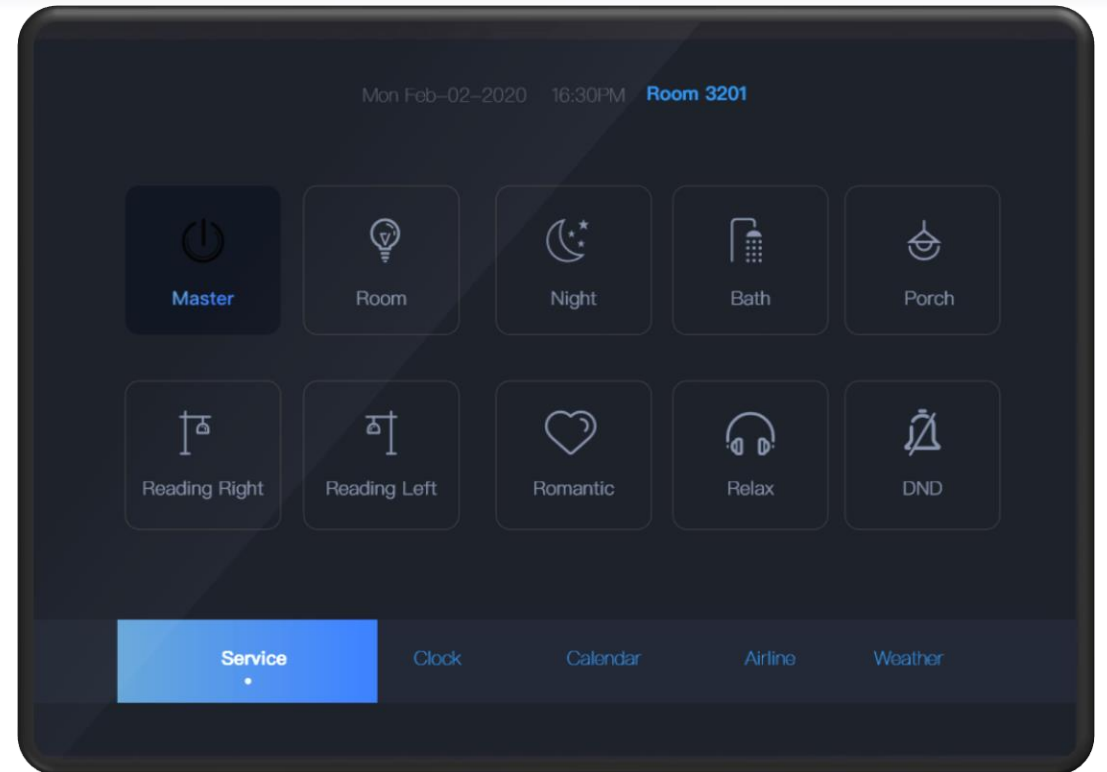
Note: The above UI is for illustration only. Actual UI customizable upon request

Mobile Apps UI Display on Handphone



AUROCO™ Touch Screen Display Endpoint

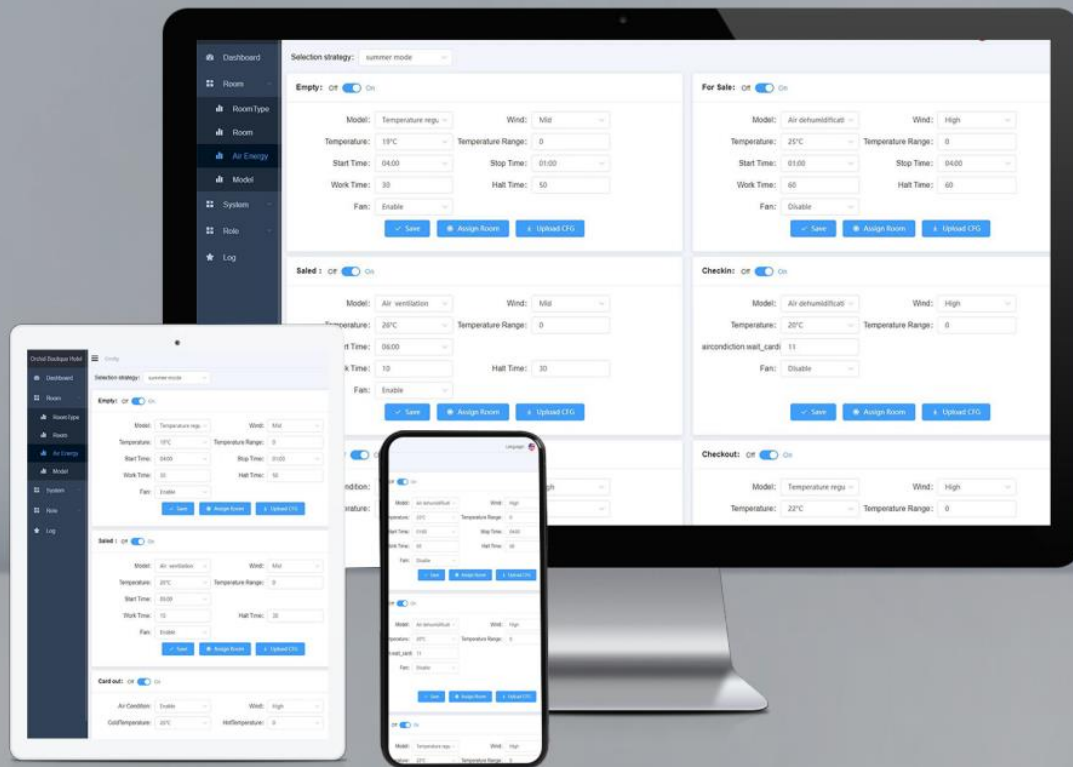
AUROCO™ 7" Smart Touch Screen Switch
Panel Complete with Voice Endpoint



Administration & Maintenance Dashboard

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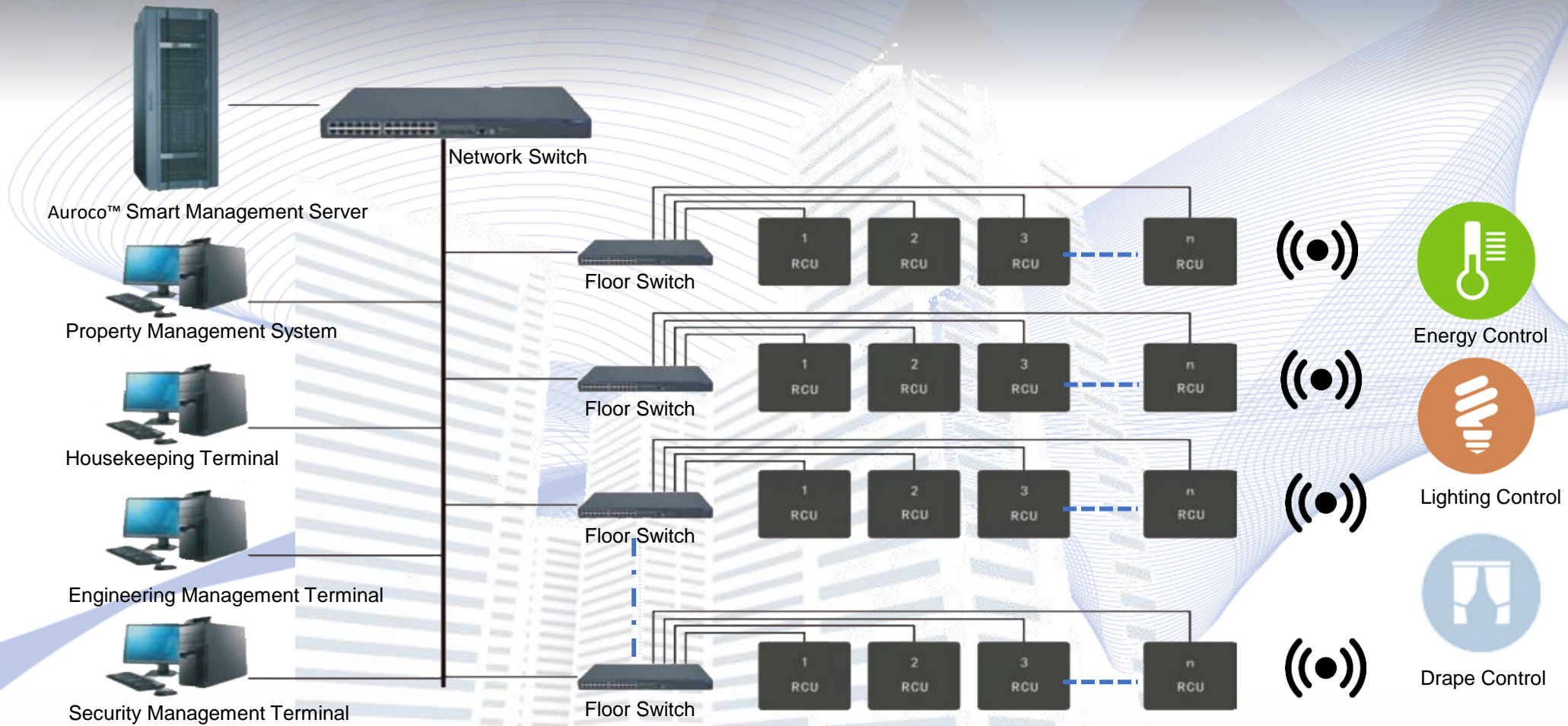
AUROCO™-2800 Smart Maintenance Administrative Dashboard



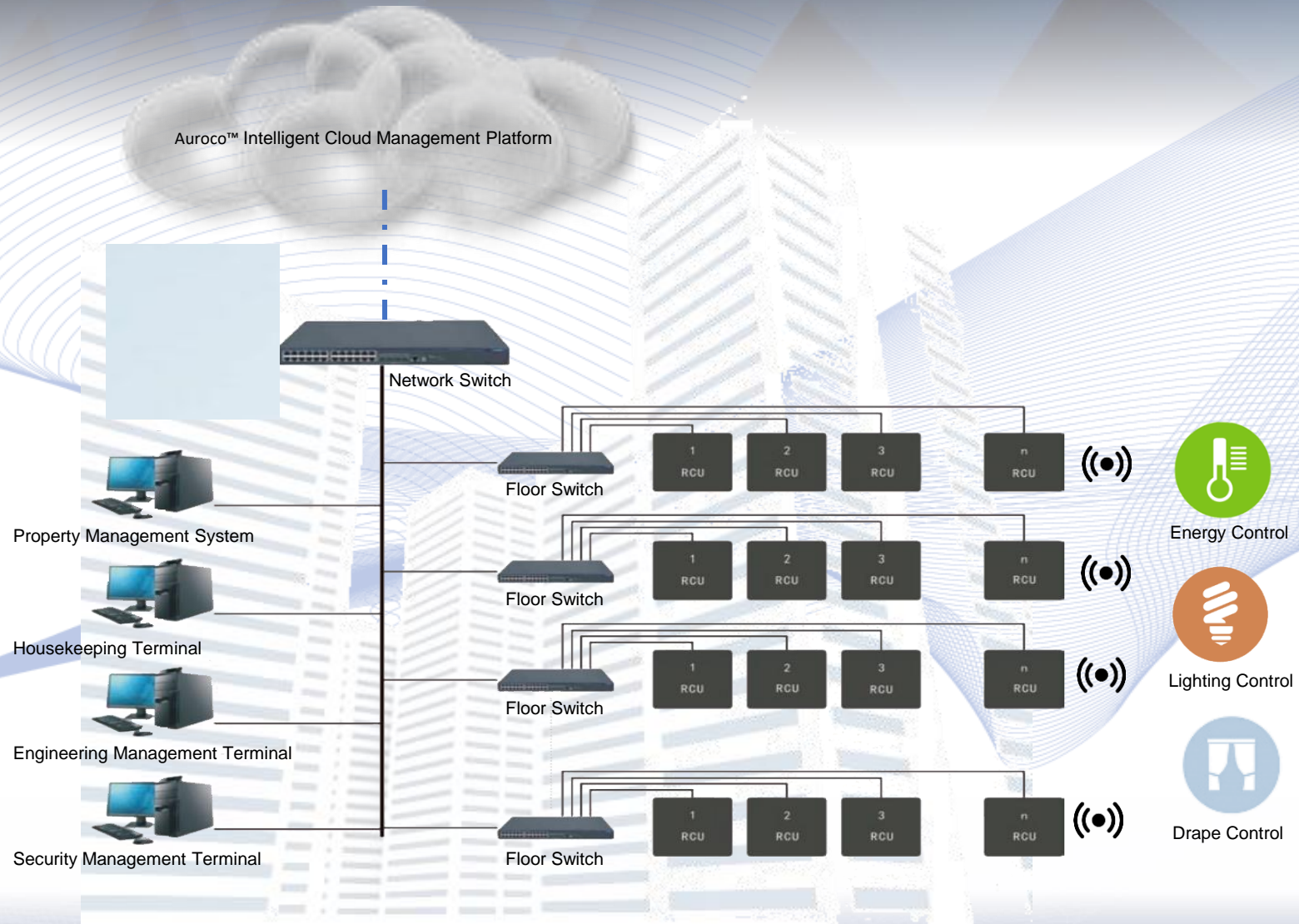
Typical Network Architecture

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AUROCO™ Smart Energy Management Solution Architecture



AUROCO™ Cloud Based Energy Management Solution Topology

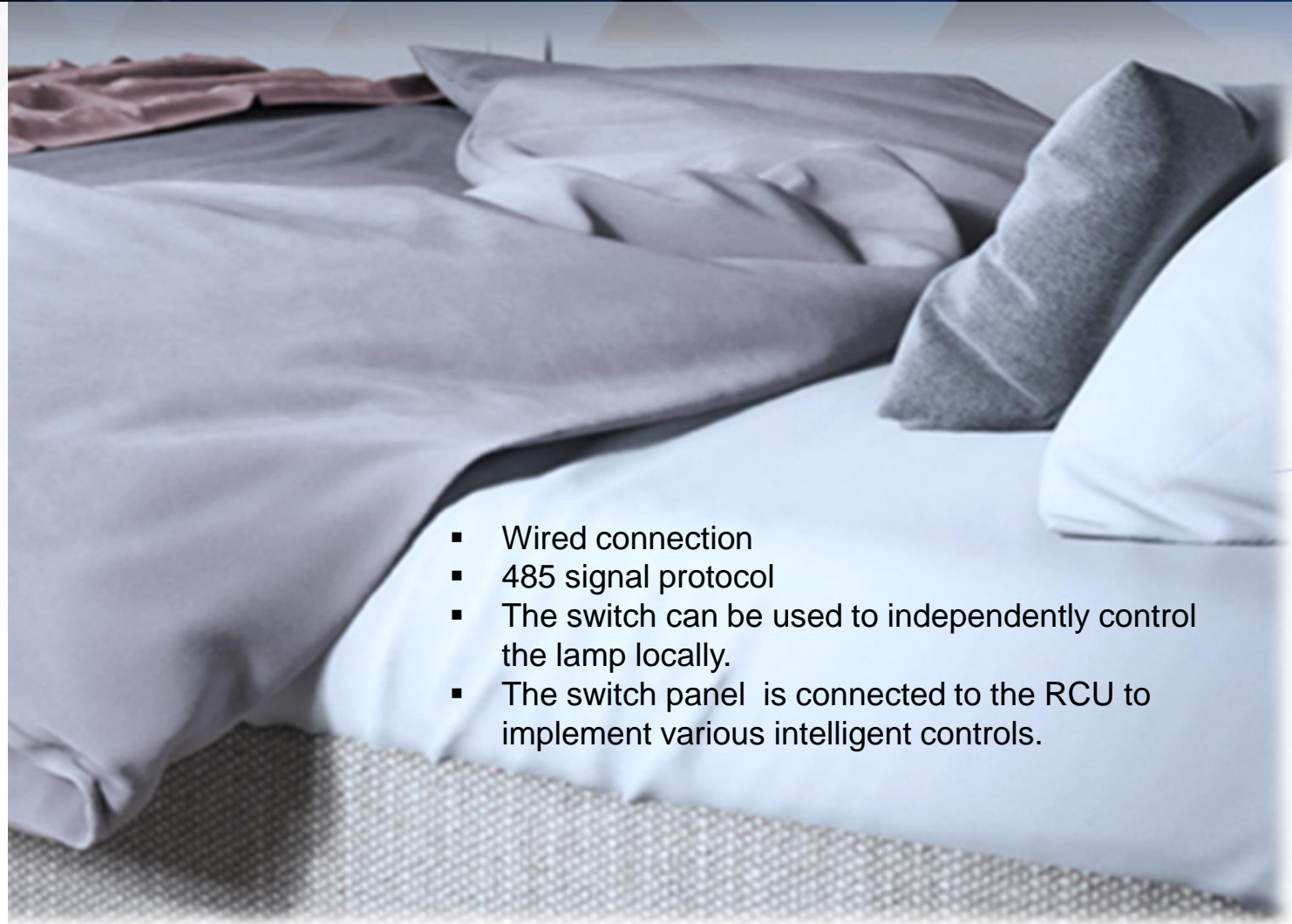
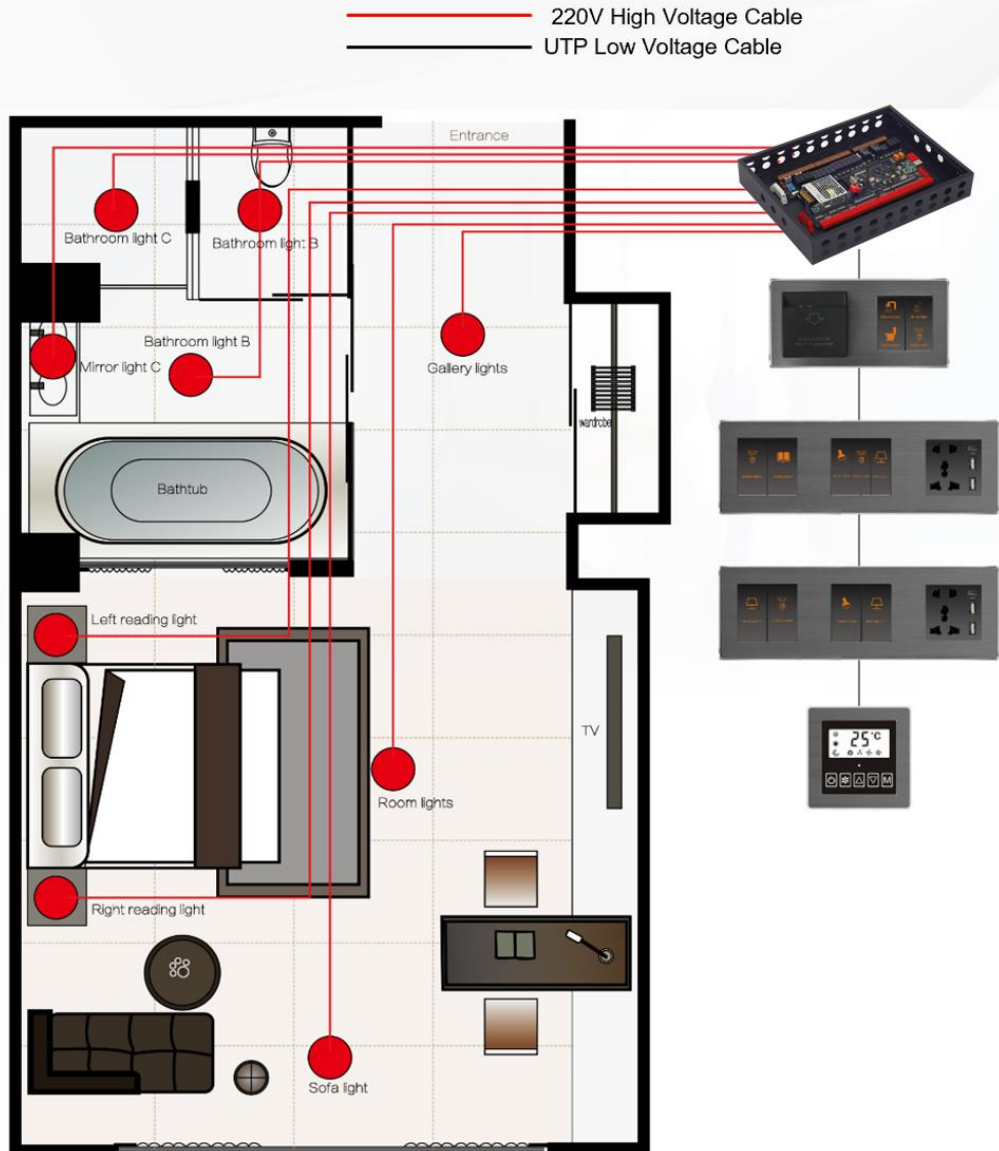


Typical Smart Control Solution Connections Scematics

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AUROCO™ Energy Management Solution

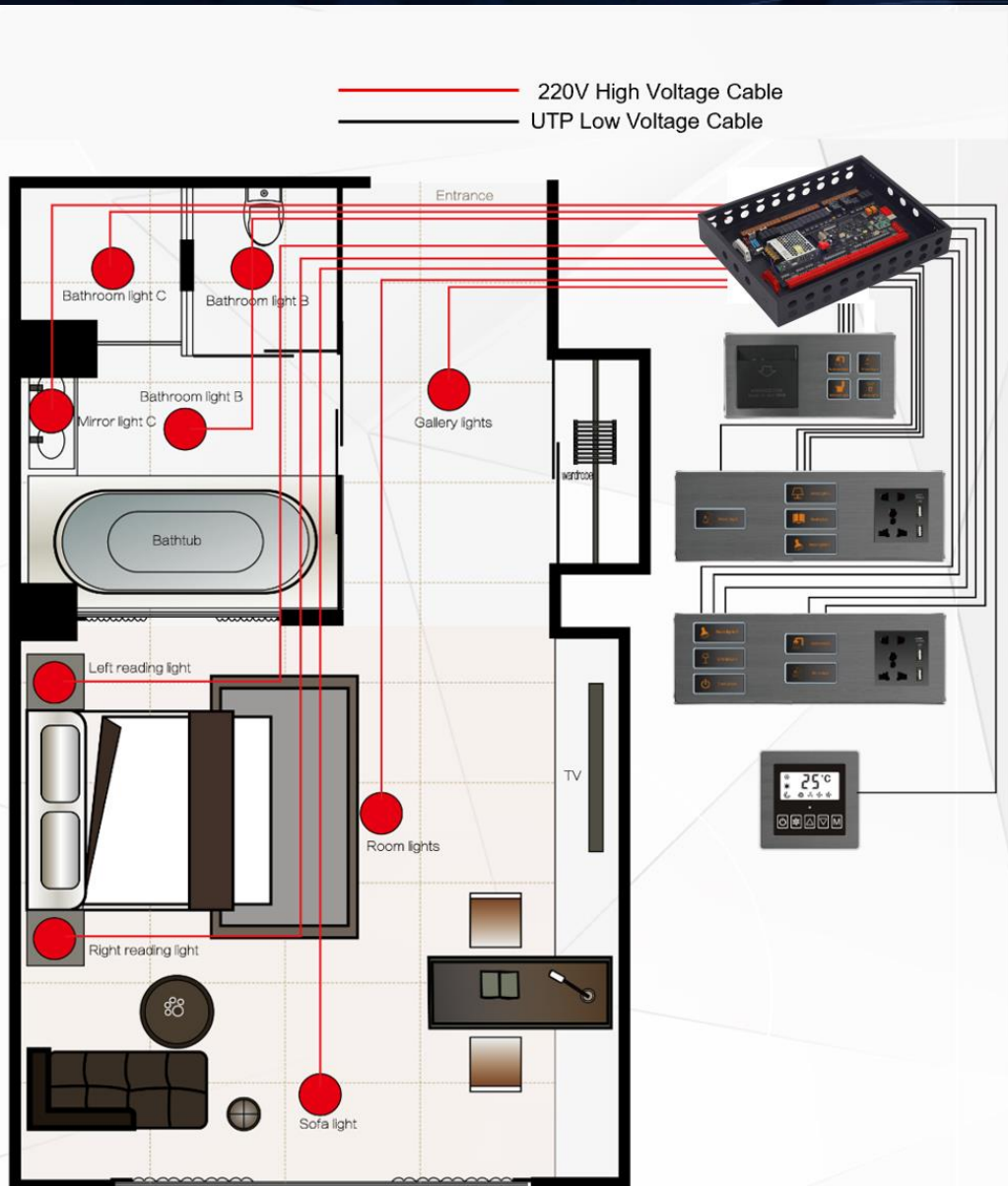
Low Voltage 485 Connectivity



- Wired connection
- 485 signal protocol
- The switch can be used to independently control the lamp locally.
- The switch panel is connected to the RCU to implement various intelligent controls.

AUROCO™ Energy Management Solution

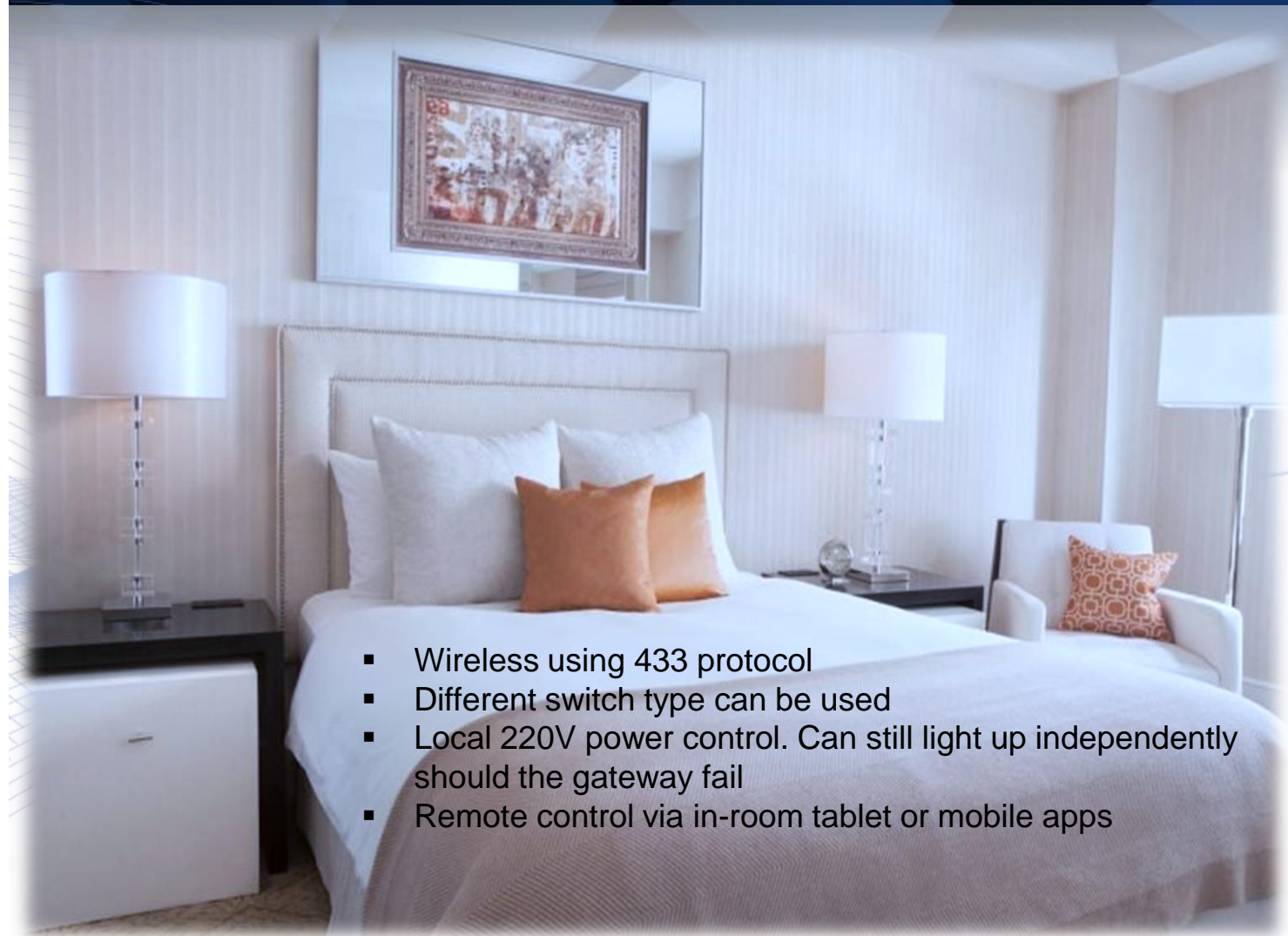
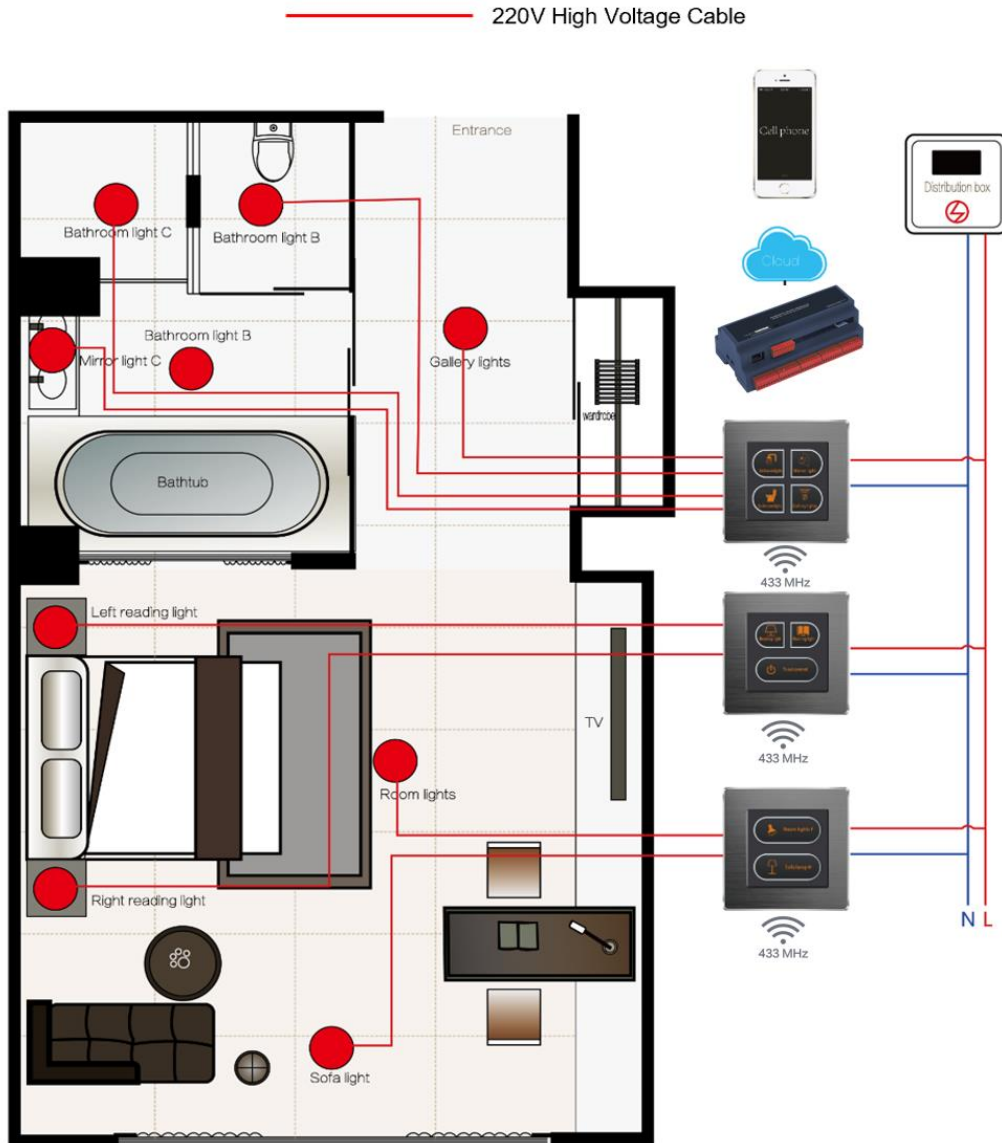
Low Voltage Dry contact Connectivity



- Wired connection, signal stability
- Dry contact connection, easy maintenance
- 12V operation for all switches
- The switch panel is connected to the RCU to implement various intelligent control

AUROCO™ Energy Management Solution

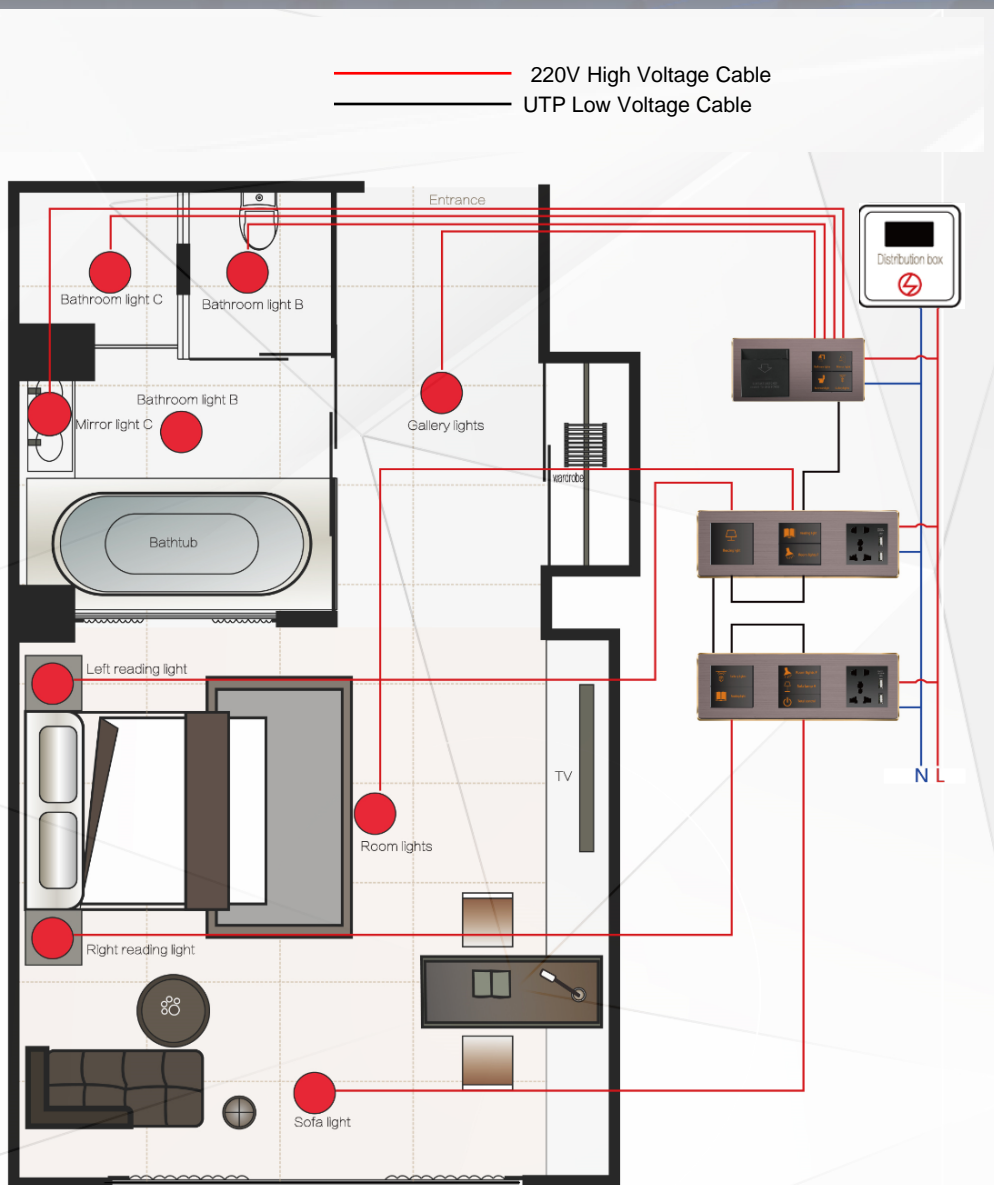
Wireless RF433 Connectivity



- Wireless using 433 protocol
- Different switch type can be used
- Local 220V power control. Can still light up independently should the gateway fail
- Remote control via in-room tablet or mobile apps

AUROCO™ Energy Management Solution

High Voltage Connectivity



- High Voltage
- Easy installation and maintenance
- Choice of different switches model
- No RCU needed
- 220V operation
- Affordable cost



Typical Guestroom Smart Control Solution Configurations

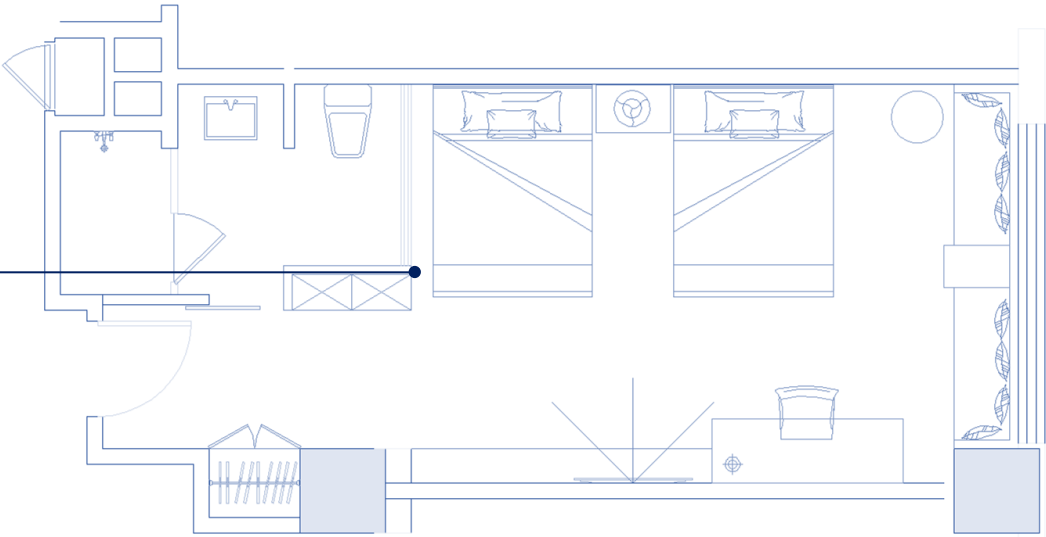
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Temperature Control for Small Hotels

High Voltage Application



Digital Rotary Thermostat

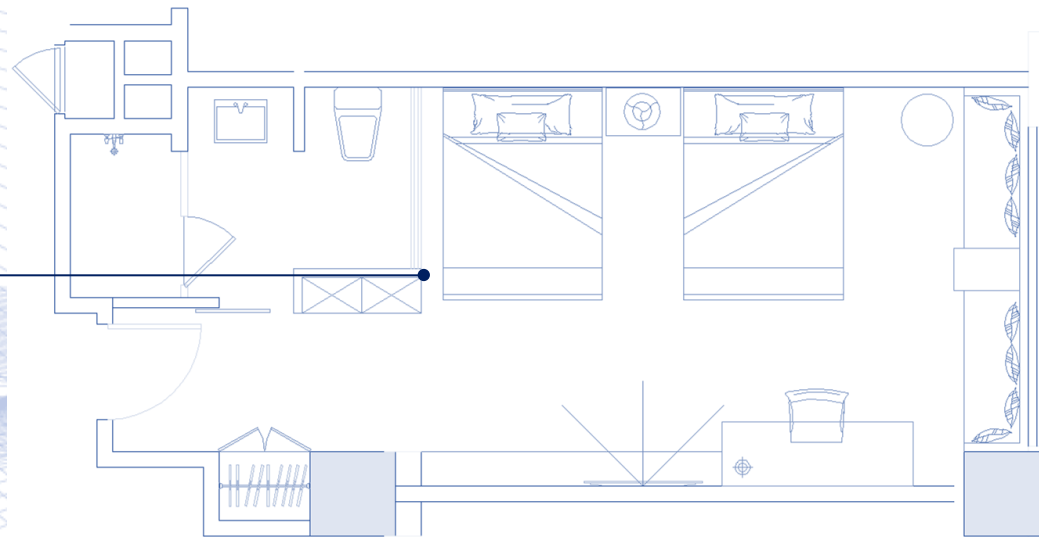


Temperature Control for Small Hotels

High Voltage Application

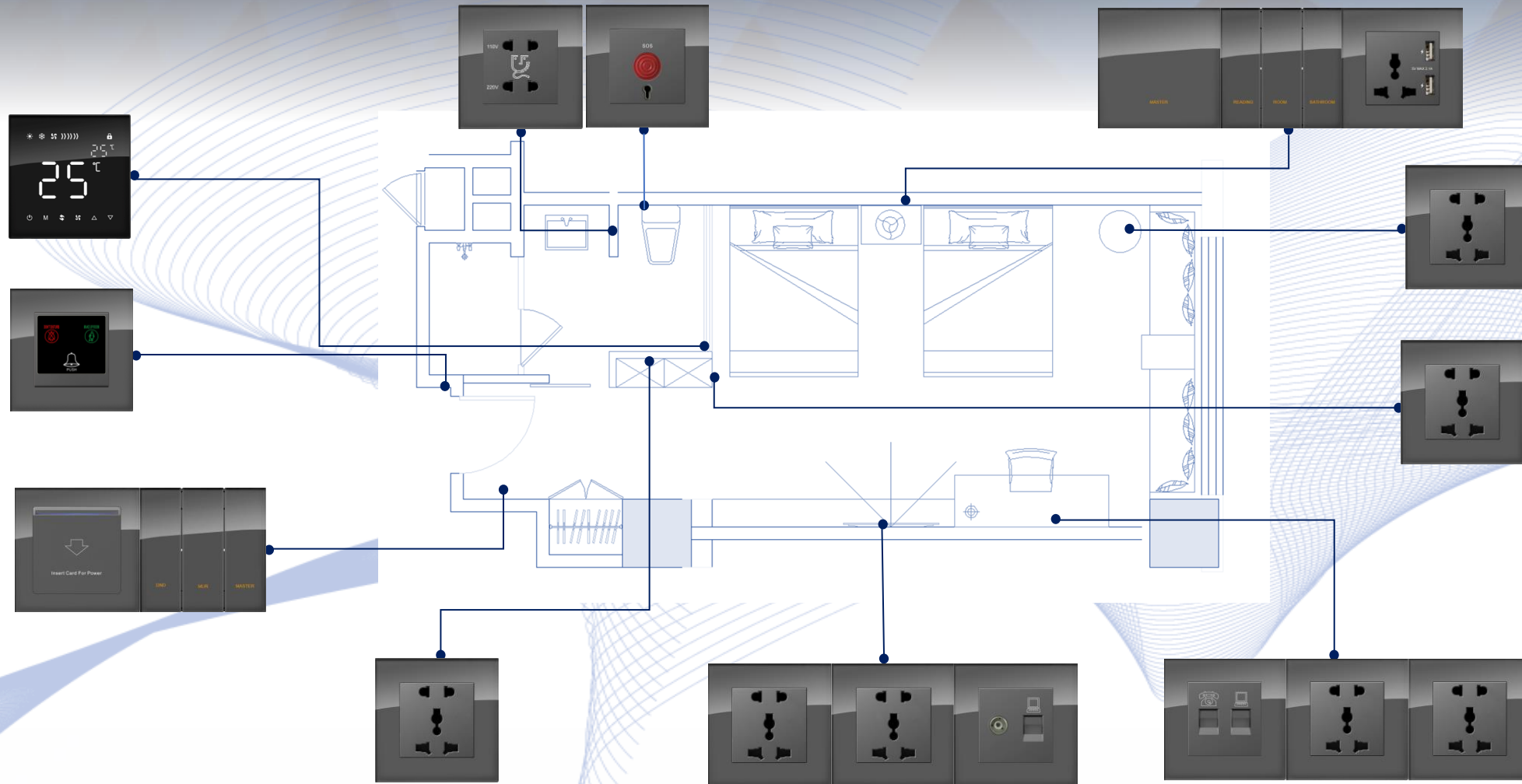


Digital Touch Screen Thermostat



Typical Room Control System Configuration for a 3-Star Hotel

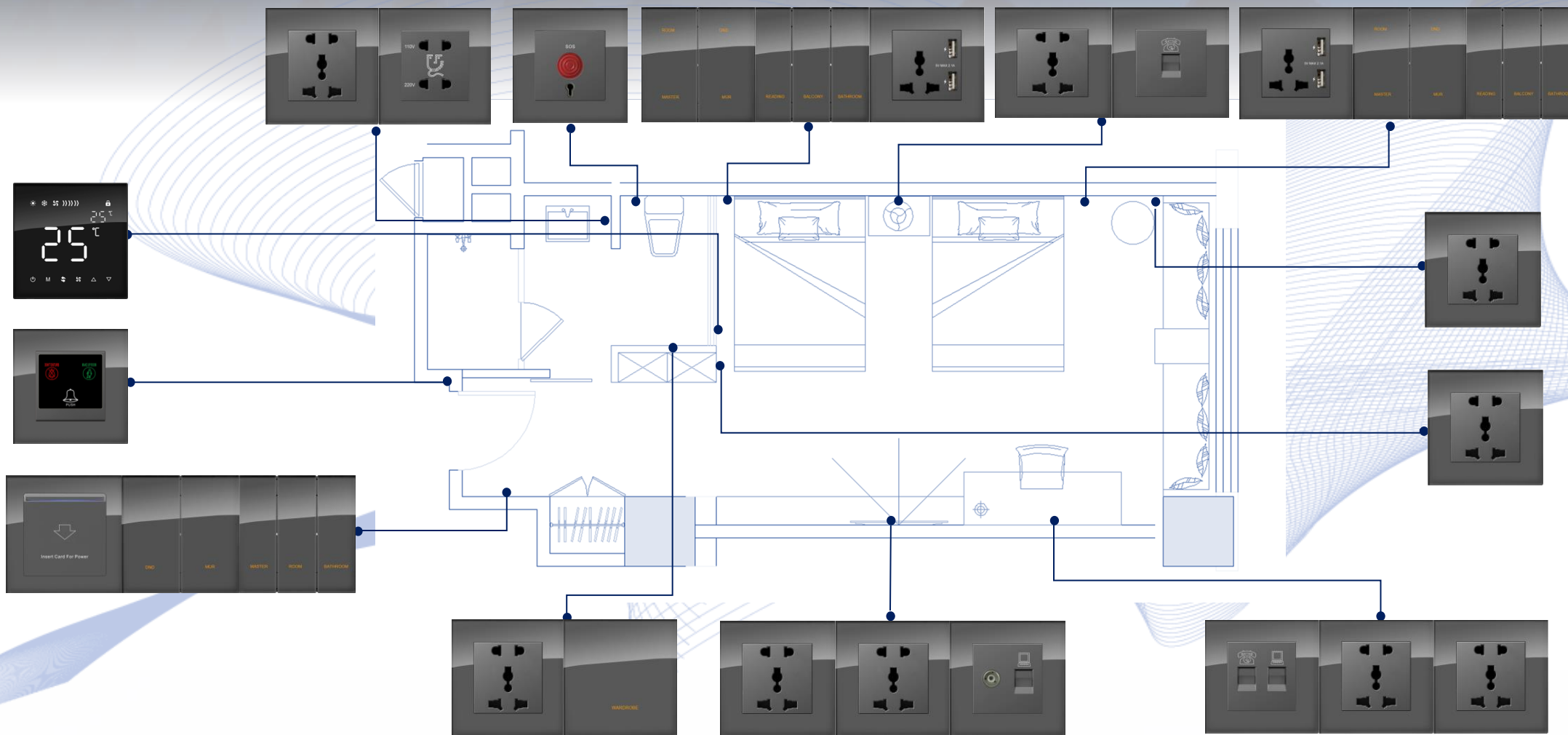
Low Voltage Application with RCU



Note: The number and type of switch panel requirements depend on the room design

Typical Room Control System Configuration for a 4-Star Hotel

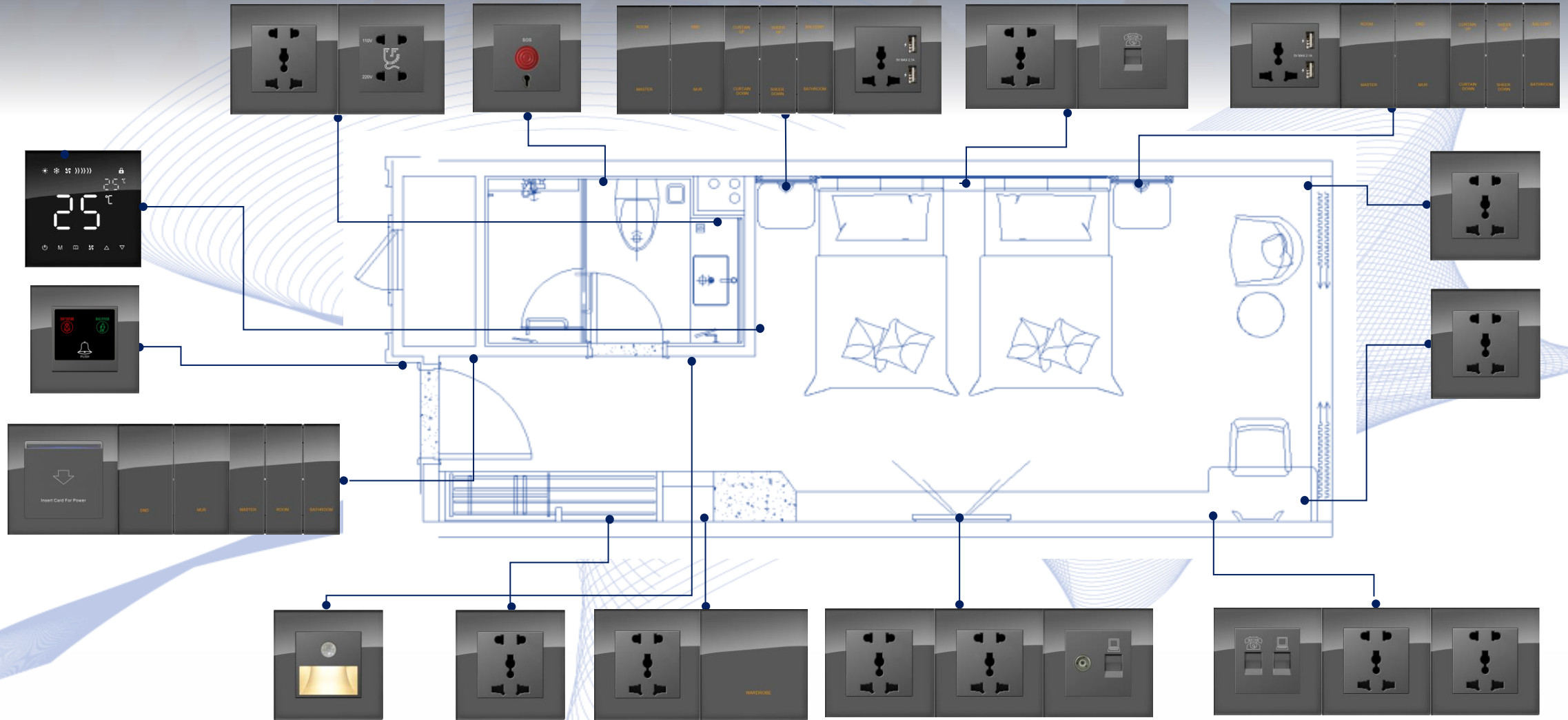
Low Voltage Application with RCU



Note: The number and type of switch panel requirements depend on the room design

Typical Room Control System Configuration for a 4-Star Hotel with Drapery Control

Low Voltage Application with RCU



Note: The number and type of switch panel requirements depend on the room design

Application Scenario

- Hotels
- Motels
- Homestays
- Service Apartment
- Senior Citizen Condotels
- Hospitals
- Guest Houses
- Condominiums
- Wellness Centers
- Cruise Ships
- Dormitories

New Normal Solutions

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New Normal Guestrooms of the Future

PANDEMIC CONTROL

- Temperature monitoring and management

HYGIENE

- UV sanitization (no chemical residue & odorless)
- Electrostatic spraying (use less chemical, spray large area, saves time)

ACCESS

- Digital key (door opening control via guest personal mobile device)
- Door lock status information sent to centralized administrative dashboard

CONTACTLESS CONTROL (using guest personal mobile device or through voice activation)

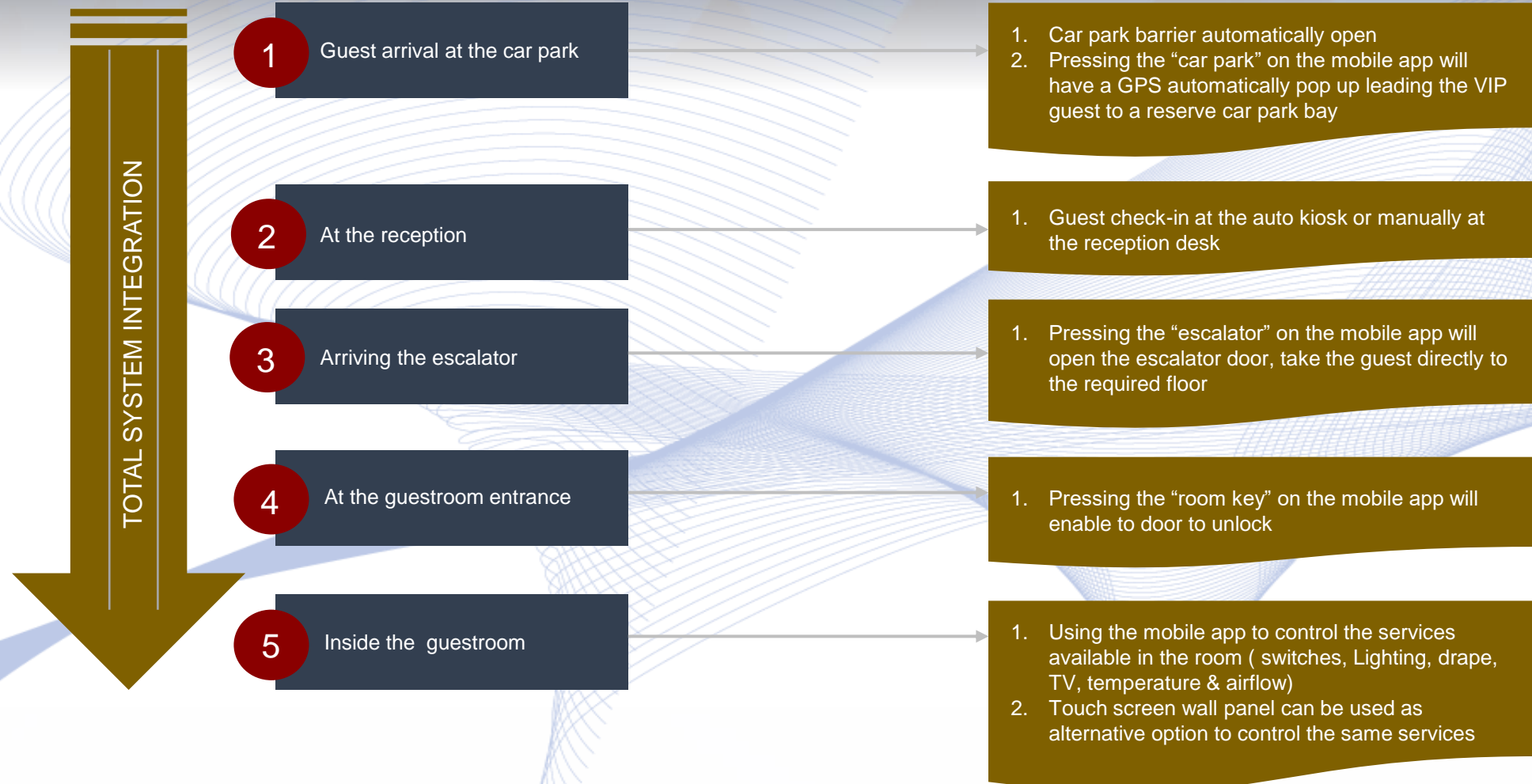
- Drapes
- Temperature
- Lighting
- Scene
- TV
- Music

CONTACTLESS ROOM SERVICE (using guest personal mobile device)

- QR code guest service request
- QR code voice communication to guest service center



Contactless Hospitality Journey Process Flow



Note: Customer has the choice to select the entire journey or part of the journey

GuestControl™ Ongoing New Development

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- Contactless digital journey
- Hospital and senior citizen home solution
- Smart homes solutions
- Hospitality robots
- Smart lock solutions

Company Commitment

The company is committed to deliver innovative state-of-the-art seamless and intuitive hospitality smart energy management system products and solutions to the hoteliers all over the world.

With the company team expertise and accumulated global experience, we are able to set standard for smart energy management system products and solutions.

We create lead in innovation to ensure the hoteliers are at the forefront of technology. We ensure your hotel are at world-class status while we care for your service optimization, process efficiency, deliver outstanding guest experience, guest loyalty and profitability.

www.guestcontrol.net



Presentation by :

GUEST CONTROL SYSTEMS LIMITED

Web : www.guestcontrol.net

Email : guestcontrol.systems@yahoo.com