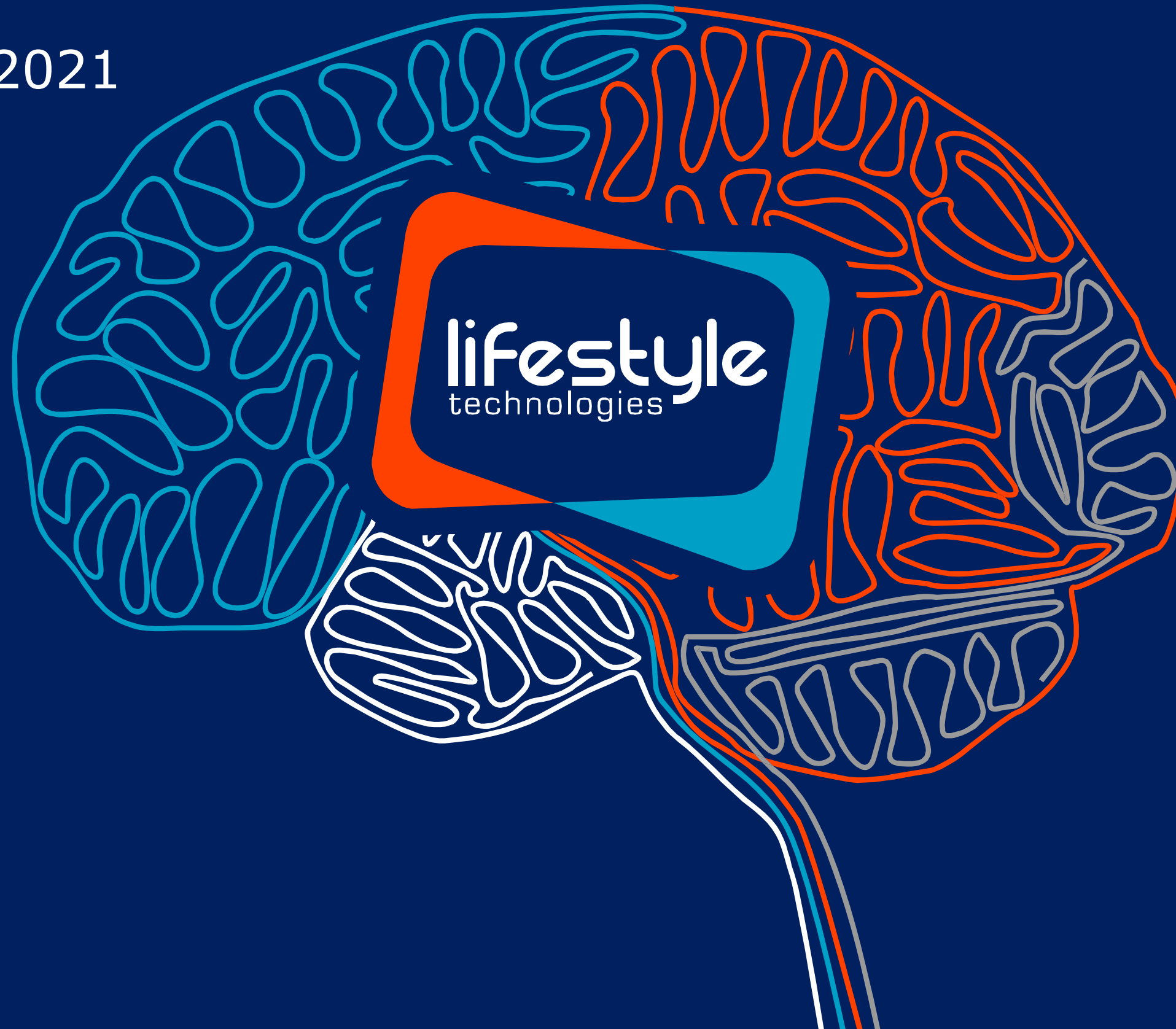
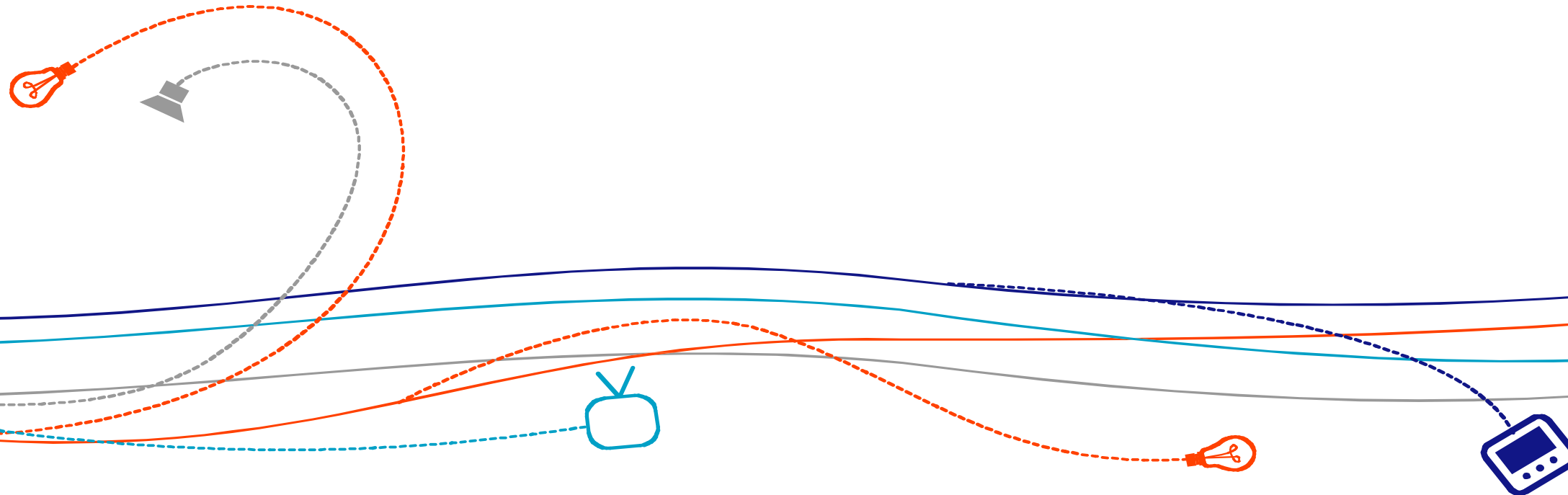


# Home Automation & Smart Buildings

Webinar 18/02/2021





## About Us

- Company established since **1992**
- Introduced Home Automation to the Cyprus market in 1997 – over 23 years experience!
- Offices in Nicosia and Limassol with over 35 highly qualified employees
- **CEDIA** Founder Members (Custom Electronic Design & Installation Association) since 1997
- **AVIXA** members since 2006
- **IEEE** : Institute of Electronic & Electrical Engineers since 1990
- **ETEK**: Cyprus Scientific & Technical Chamber since 2000



# Our Brands



## Control Systems



Lighting & Shading Control systems



Total Control & Automation Systems



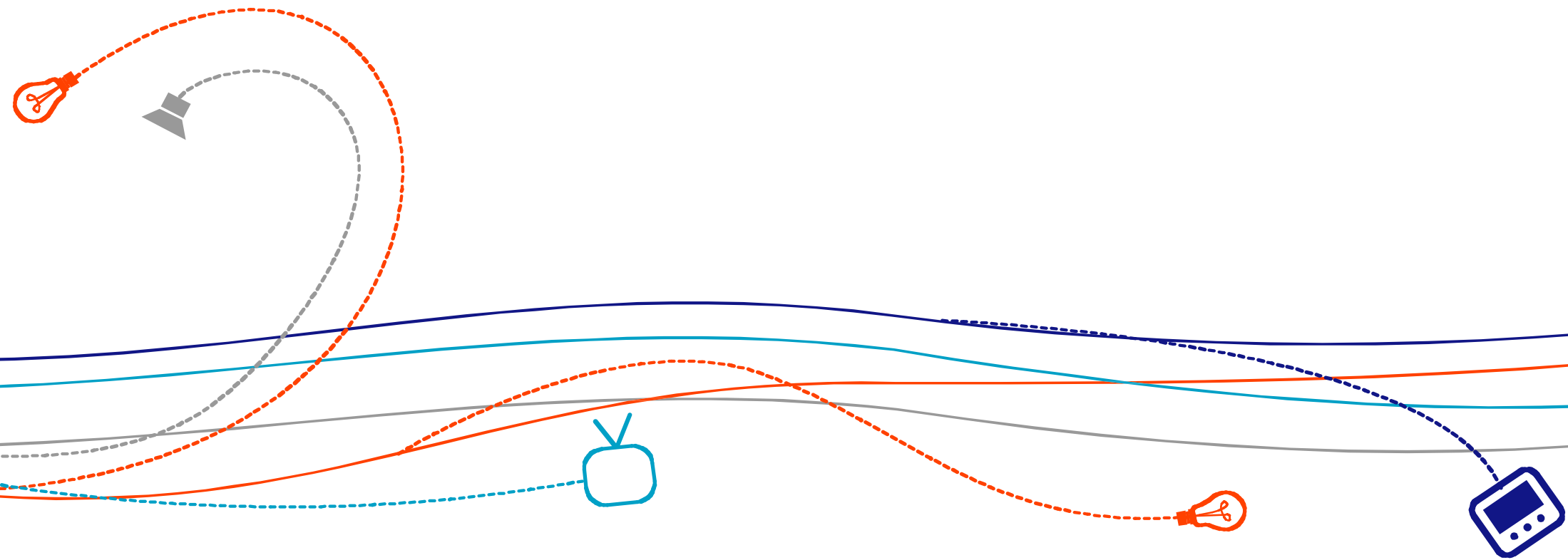
Home Automation Systems



A Quick Switch to A Smart Home

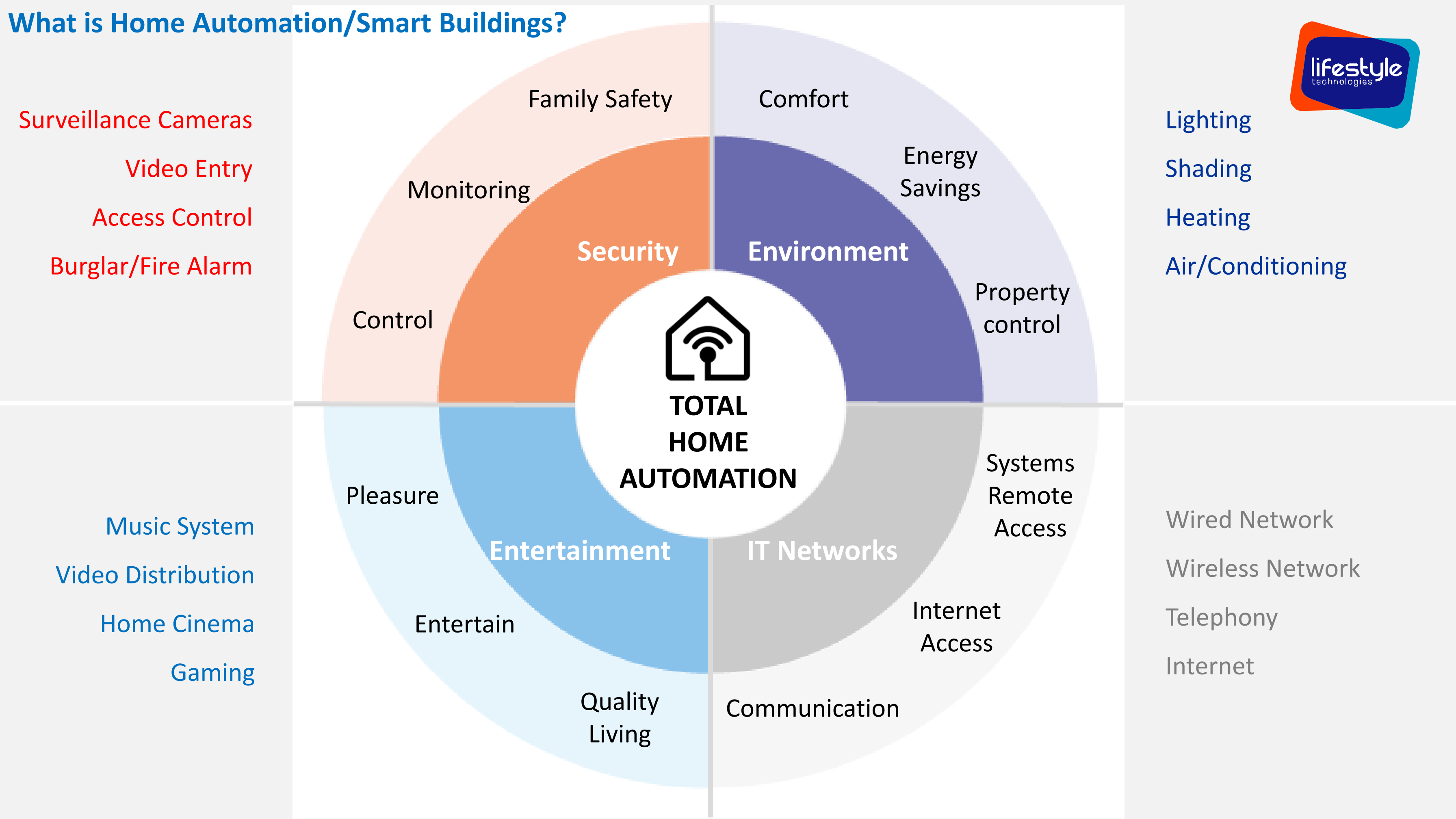
## AV, Network & Security Systems





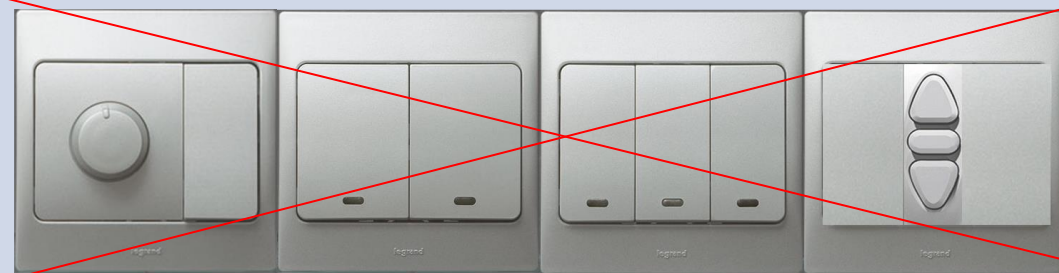
# **What is Home Automation &/or Smart Buildings?**





# Smart Home Benefits over Conventional Electrical Installation

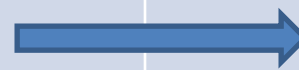
## Conventional Switches



many different switches

banks & banks of switches for:

- light on/off
- dimmer for single light
- curtains up/down
- no scenes / no engraving/ no backlight



## Smart Home Keypads



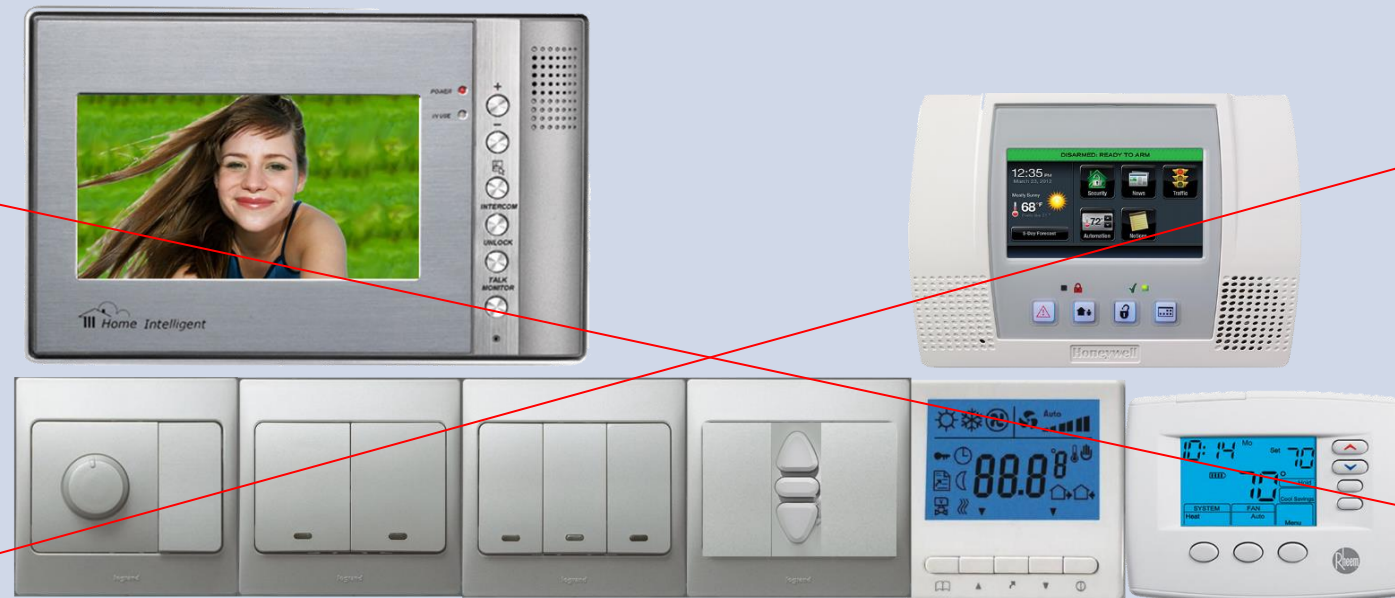
one keypad replaces all! (backlight/engraving)

control of:

- switching lights on/off
- dimming lights
- curtains/blinds/shutters
- multiple scenes

# Smart Home Benefits over Conventional Installations

## Conventional Systems



- lighting switches
- shade switches
- A/C remote control & heating thermostat
- video door entry monitor
- alarm keypad

## Smart Home Systems



one touch panel for all systems:

- lighting
- shading
- HVAC
- video entry
- alarm

# Smart Home Benefits over Conventional Audio-Visual Installation

## Conventional Audio-Visual System



multiple remote controls:

- home cinema
- TV and Blu-ray DVD
- Cable TV set-top box
- media player PC
- Apple TV

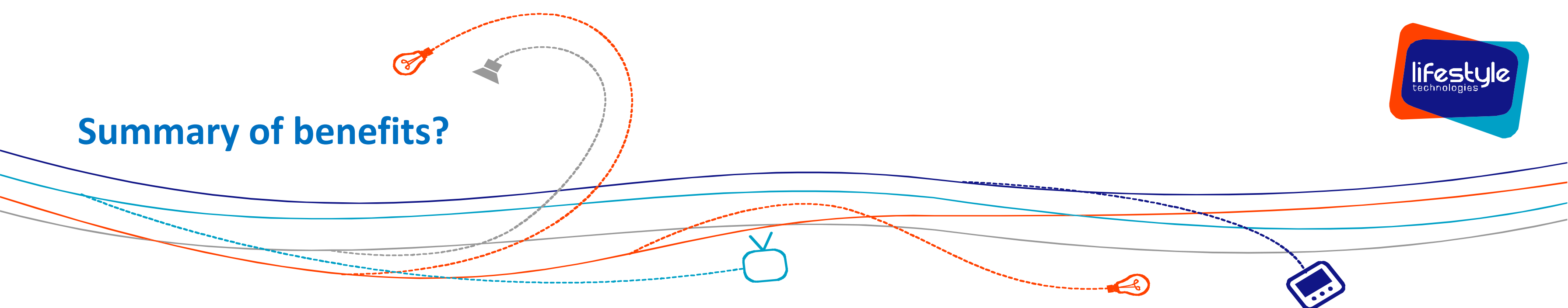
## Smart Home Audio-Visual Control System



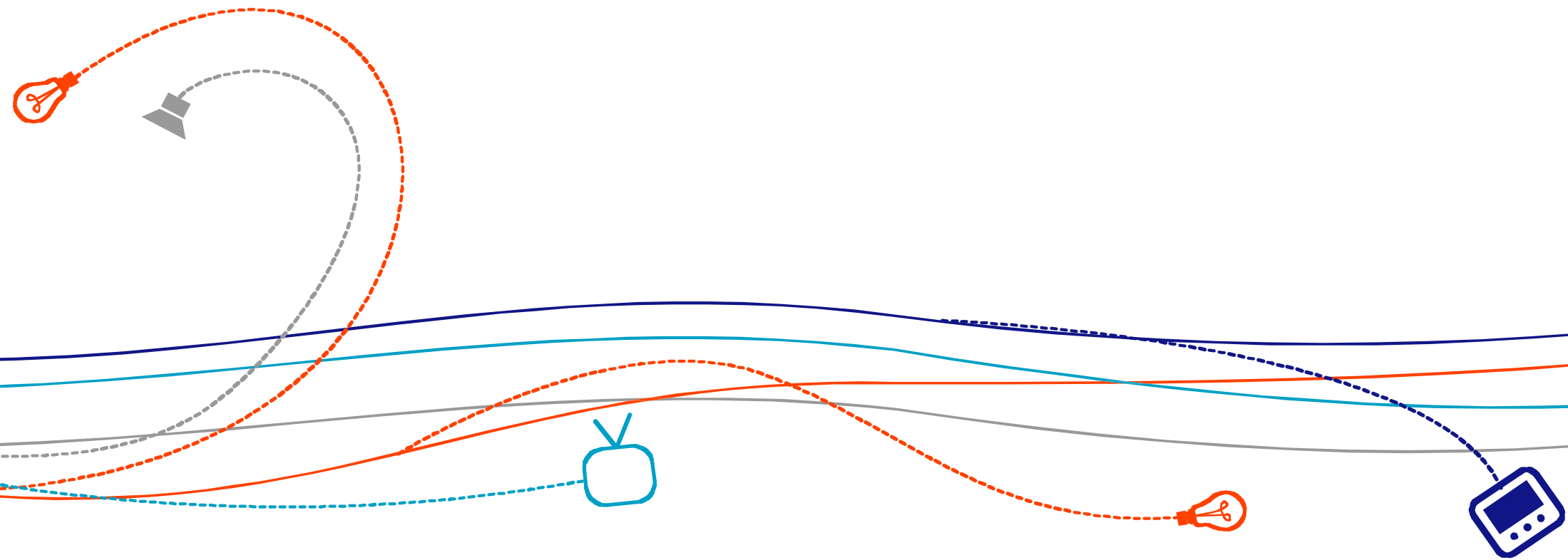
one handheld remote &/or touch-panel for all systems:

- home cinema
- TVs
- audio/video sources

## Summary of benefits?

- 
- A decorative graphic spans the top half of the slide. It features several wavy lines in blue, orange, and grey. A dashed orange line starts from a lightbulb icon at the top left, loops around, and ends at a lightbulb icon on the right. A dashed grey line starts from a lightbulb icon at the top left, loops around, and ends at a smartphone icon on the right. A solid blue line starts from a lightbulb icon at the top left, loops around, and ends at a television icon in the center. A solid orange line starts from a lightbulb icon at the top left, loops around, and ends at a lightbulb icon on the right. A solid blue line starts from a lightbulb icon at the top left, loops around, and ends at a smartphone icon on the right.
- Ease of use – simplifies the way you control complicated systems, making it as simple as 1, 2, 3...
  - Energy efficiency – cost savings
  - Master Controls – be in control!
  - Integration (connect all systems together to maximize potential – get added value)
  - Improve architecture aesthetics – less is more (minimal visible controls on walls)
  - Remote Access (Control & monitor while you are away via internet thru Wi-Fi and 4G mobile)
  - Overall, a Home Automation system provides **Comfort, Energy savings, Safety** and **Pleasure** 😊

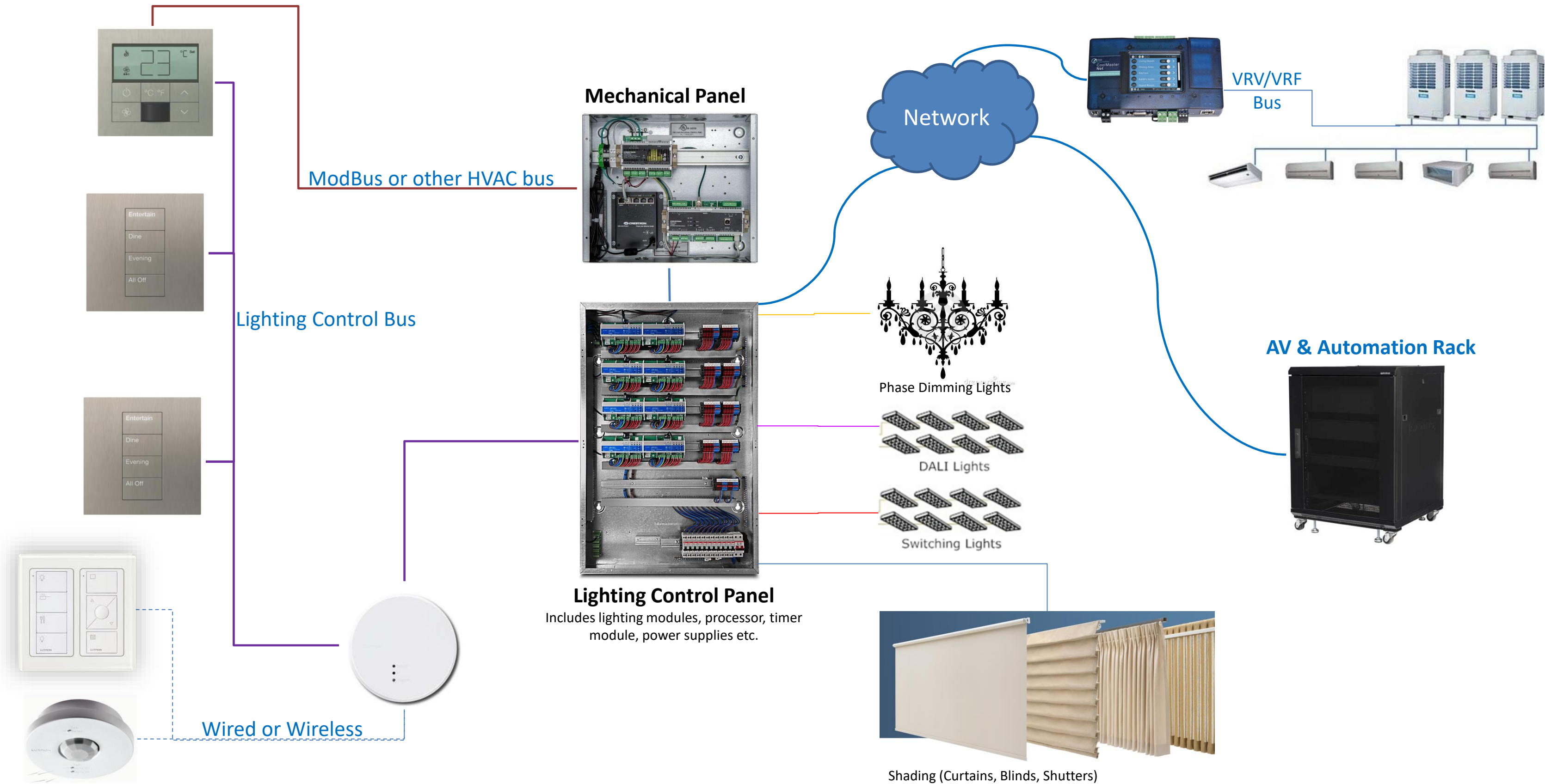




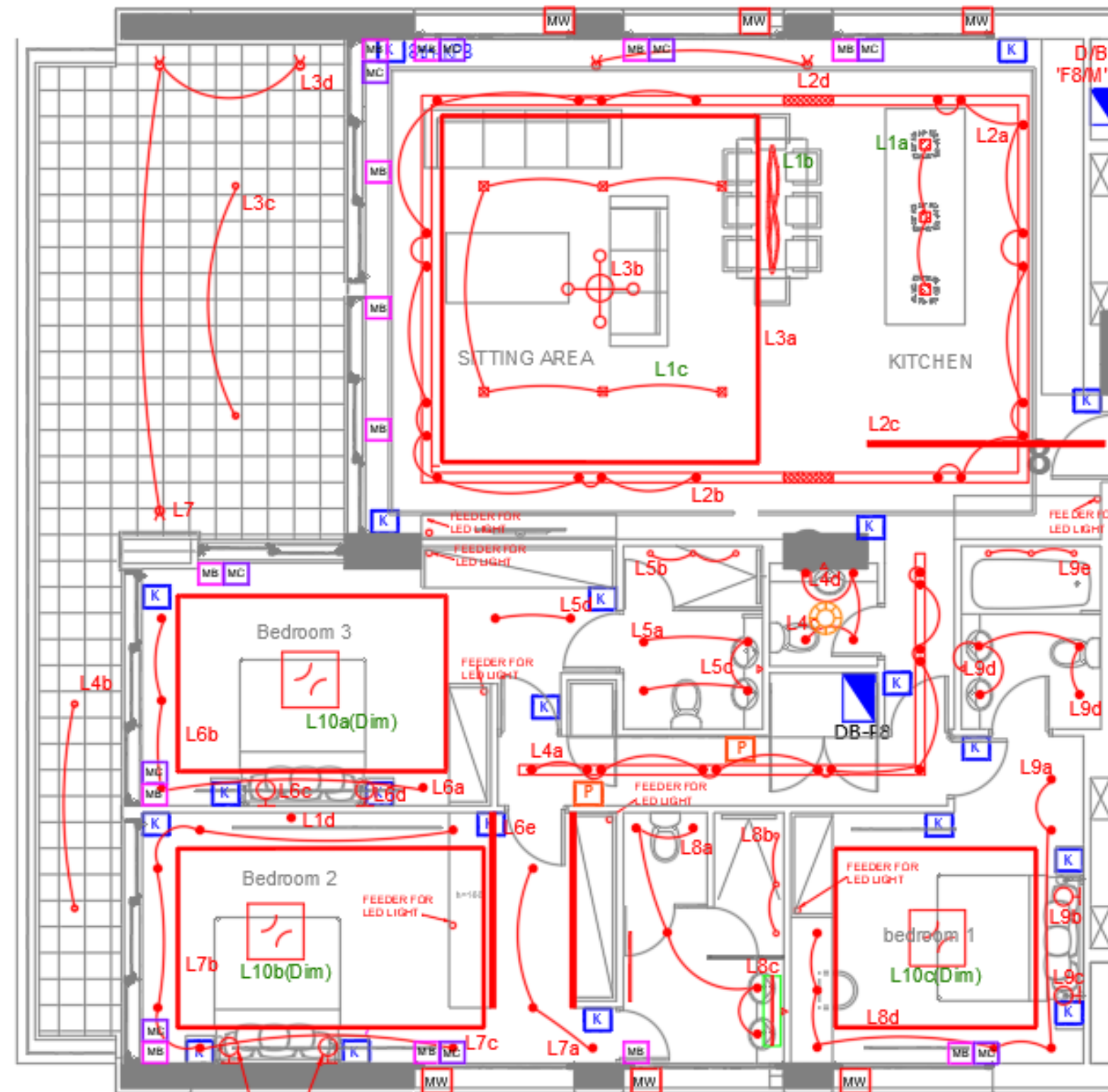
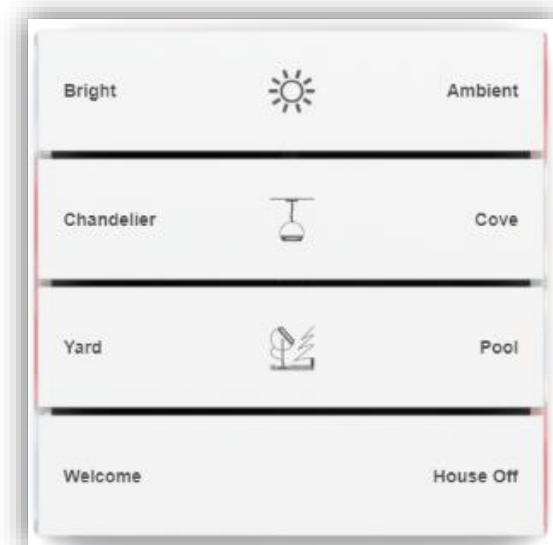
# Design of a Smart Apartment



# Lighting/Shading/HVAC Schematic



# Lighting/Shading Control Systems



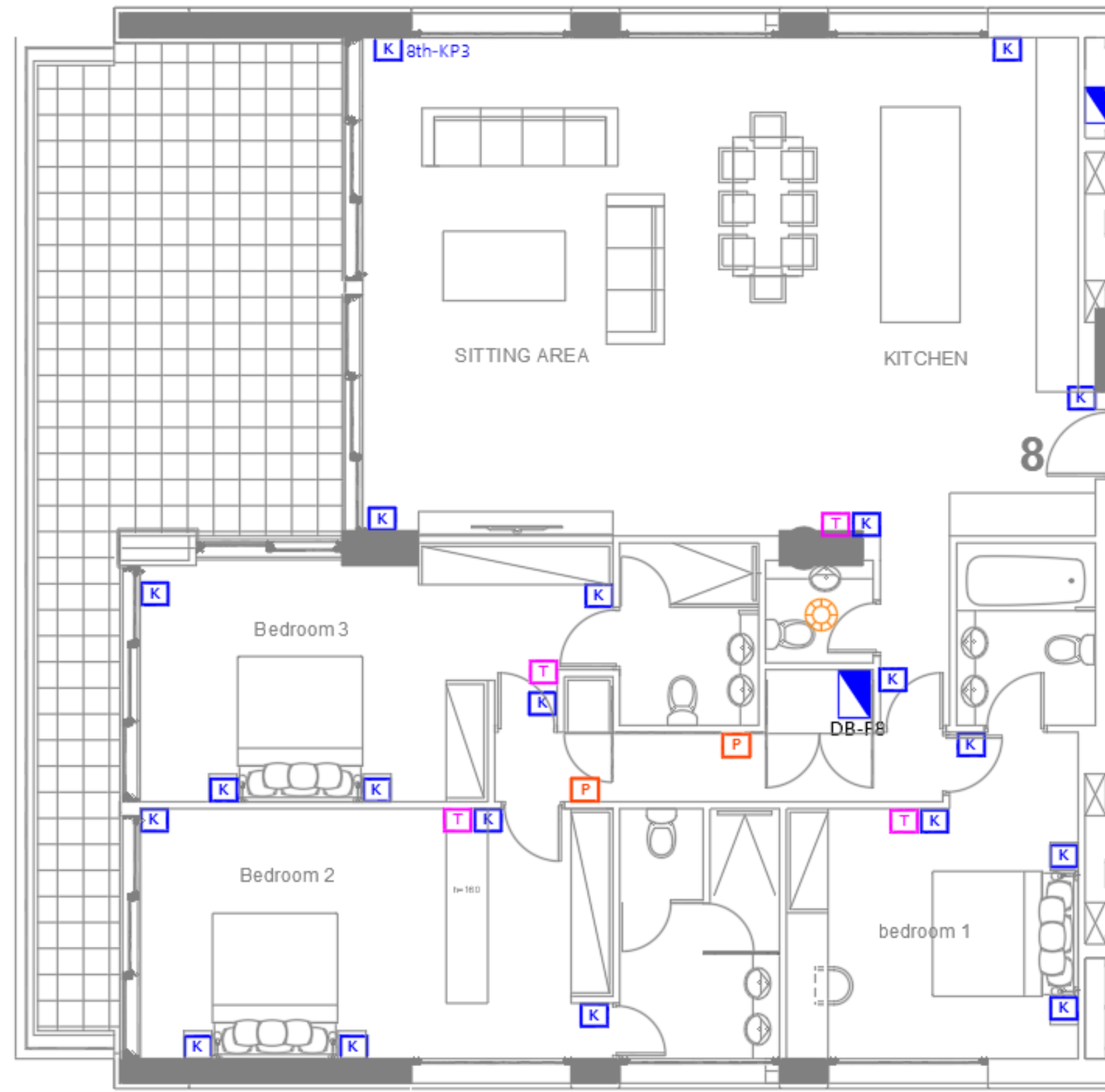
L7d  
L7e  
WALL BRACKET LIGHT  
h=100cm F.F.L(TYPICAL  
ALL BEDROOMS)

## Points of Consideration:

- Dimming/Switching control (Phase/Triac, 0-10V, DALI)
- Wired bus systems and/or wireless proprietary systems (not Wi-Fi)
- Keypads with various configurations and number of buttons, depending on location (consider locations for master scenarios such as entrance, bedside etc)
- Motorised blinds, curtains, shutters controlled from the same keypads
- Press-switches for single/dual simple actions (WCs, storage etc)
- Occupancy sensing for energy saving, simple on/off control



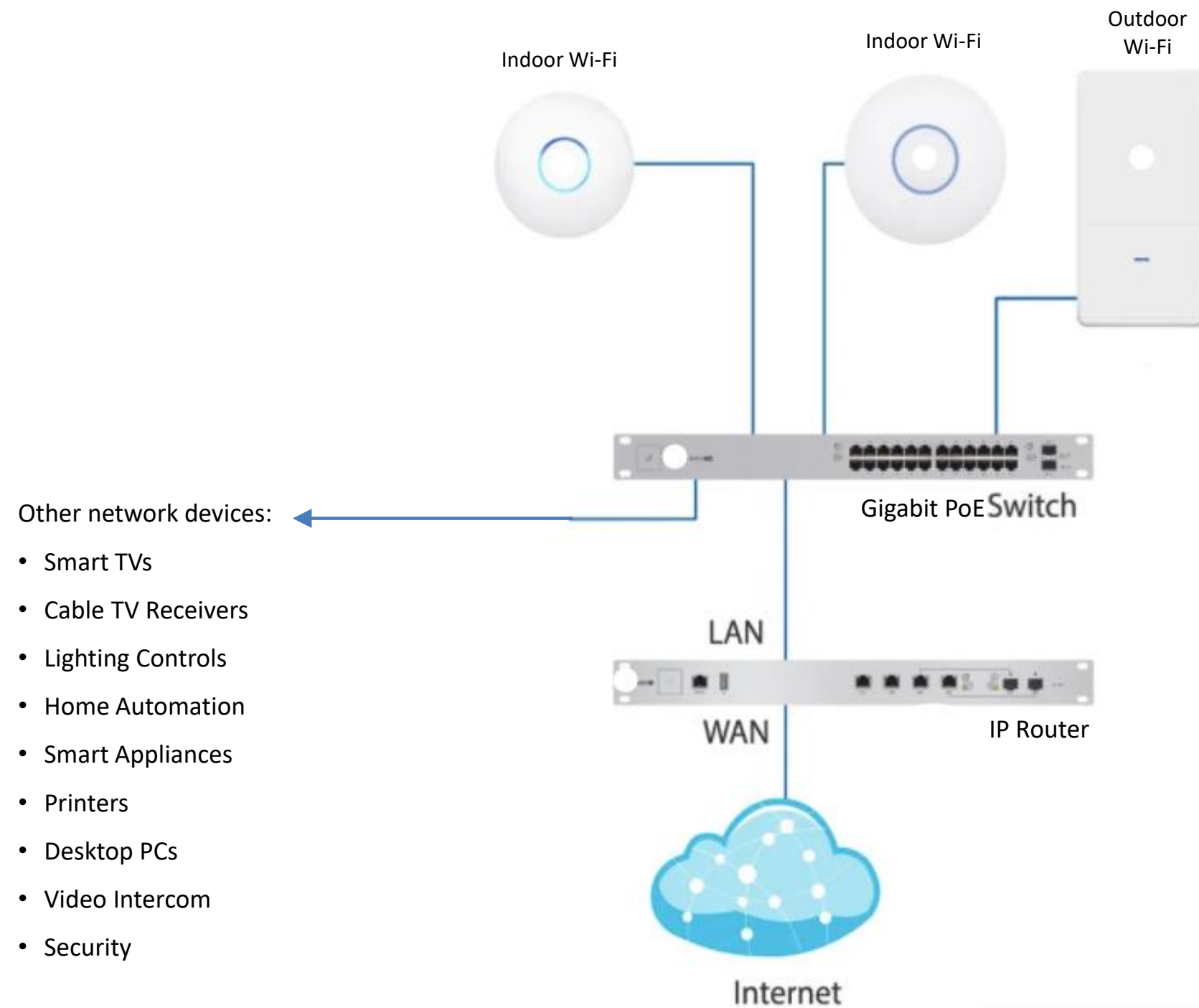
# HVAC Control Systems



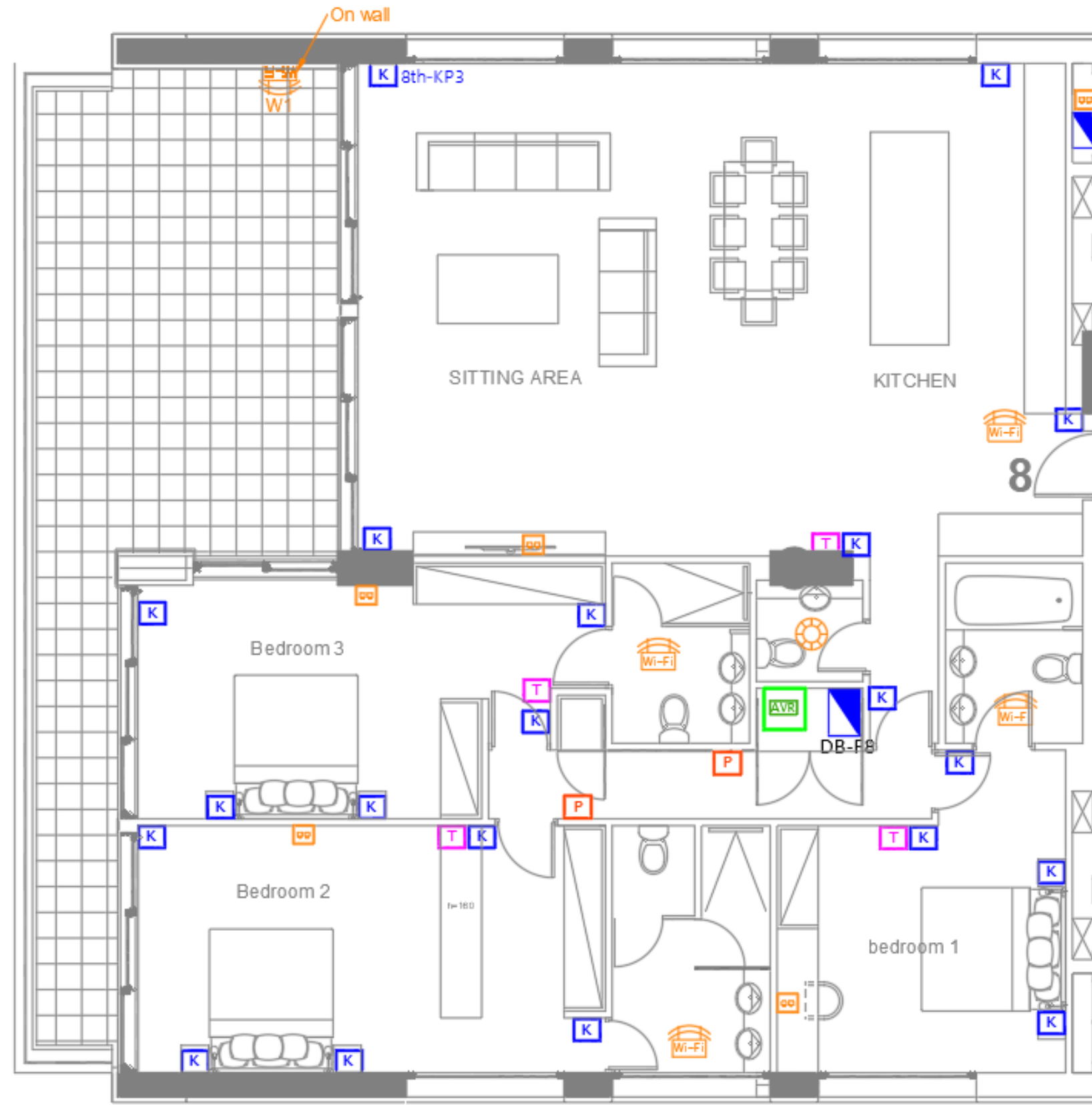
## Points of Consideration:

- Heat pumps, VRV, VRF, split-unit, electric underfloor – all can be controlled
- Show connection between mechanical panel and lighting control panel
- VRV/VRF is controlled from the bus - show connection from a unit to the Rack
- Split units can have add-on cards to be on a communication bus as well
- Hydrobox, hot water boiler, hot water circulation pump – all can be controlled
- Thermostats matching lighting keypads look
- Invisible remote temperature sensors

# Ethernet Networks & Wi-Fi Schematic



# Ethernet Networks & Wi-Fi



## Points of Consideration:

- Wi-Fi is now as important as electricity (almost)
- PoE access points connected to PoE Gigabit Ethernet Switch (Mesh Wi-Fi not recommended)
- Dual-band required for older and newer devices (2.4GHz slower-longer range, 5GHz faster-shorter range)
- Access points can be concealed in access panels if available
- Ensure all spaces are covered with Wi-Fi
- Wired networks also important for Smart TVs, Desktop PCs, printers, smart appliances etc.
- Important to always specify Gigabit Ethernet with SFP (fiber) ports between switches
- Network also acts as backbone for all the home technology systems to integrate together
- Reliability is key!

# AV & Total Controls Schematic



Other controlled devices:

- Smart Appliances
- Motorised Lifts
- Video Intercom
- Burglar Alarm
- CCTV
- Irrigation
- Etc

Lighting/Shading/  
HVAC Panels



AV & Automation Rack



Network



UHD Zone 1



UHD Zone 2



Music Zone 1



Music Zone 2



Home Cinema

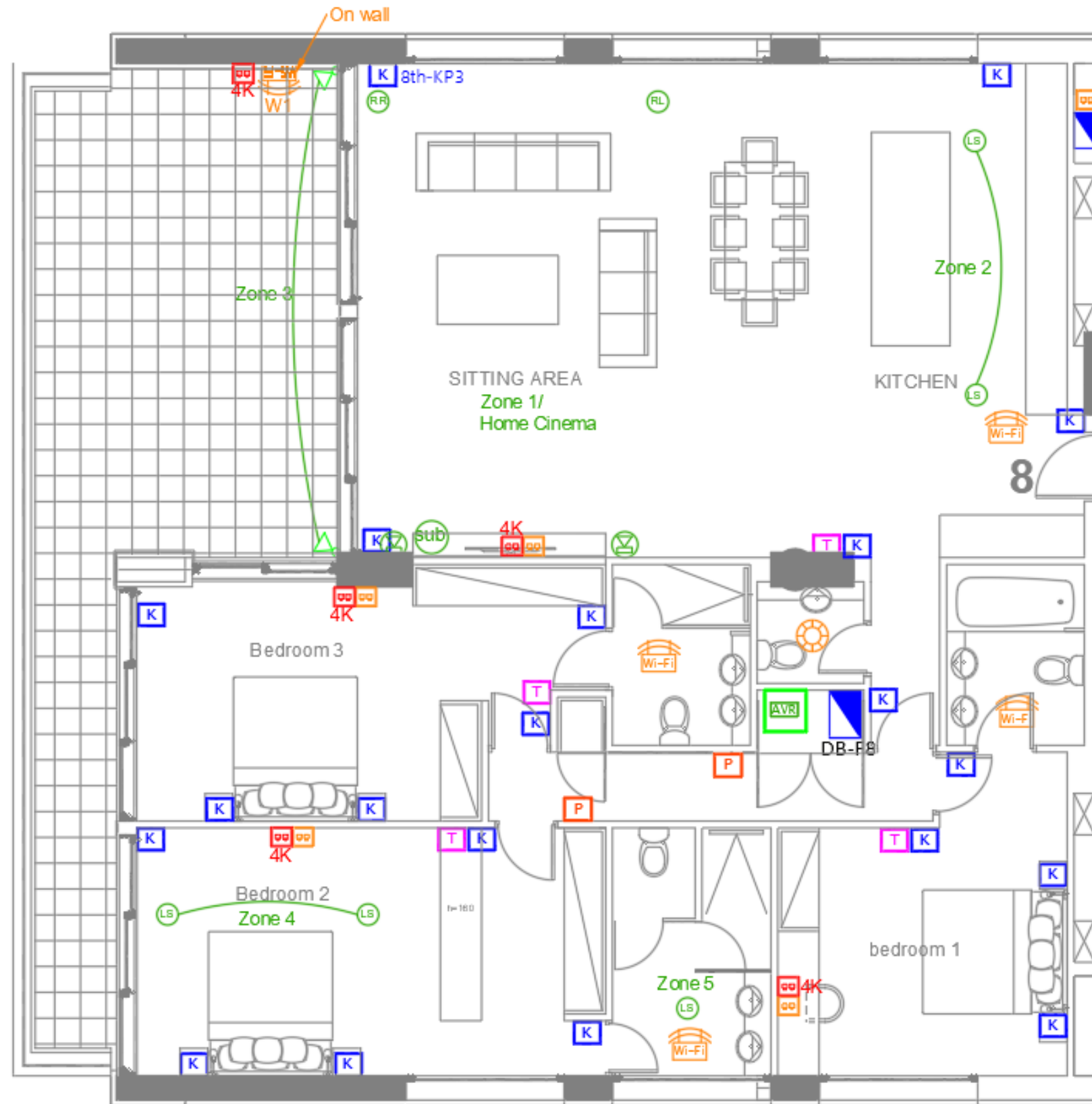


Home Cinema Receiver





# Audio-Video Systems



## Points of Consideration:

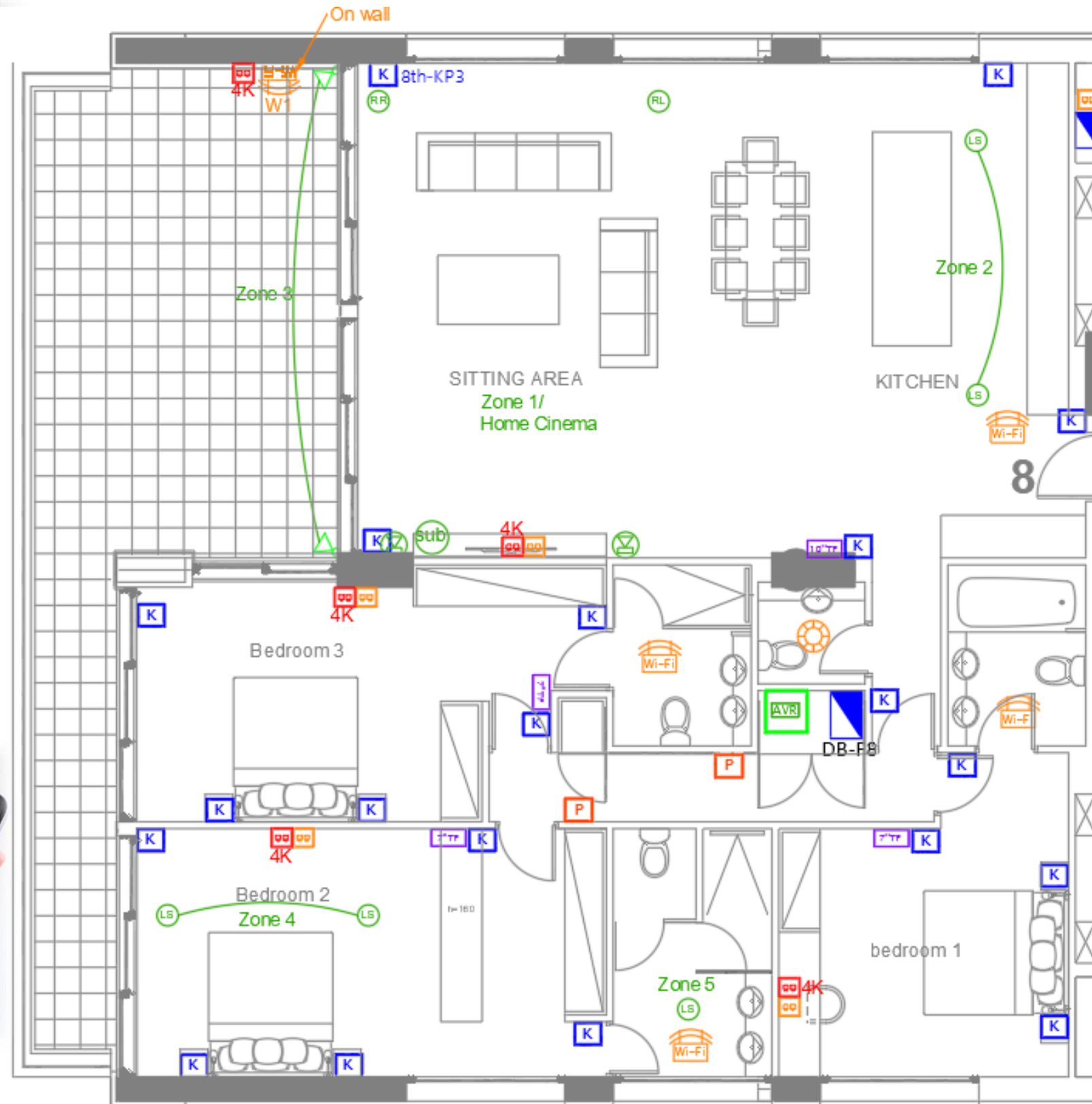
- In-ceiling, in-wall, on-wall, invisible, bookshelf and floor-standing speakers, depending on quality of sound and interior design requirements.
- Clients that are “audiophiles” or like good quality sound, generally prefer floor-standing or in-wall speakers.
- Separate zones means each zone is able to play different music, at different volume.
- CDs and FM radio no longer relevant. Clients now need music streaming, internet radio and music from smartphones and tablets.
- 4K/UHD video distribution over CAT6 cables for TVs – required when client wants cable TV services such as Cytavision and CableNet to multiple locations.
- DVDs and Blu-rays no longer relevant. Clients now need streaming services such as Netflix, Amazon Prime coming usually from Smart TVs, Apple TV units or Google Chromecast Units – therefore strong, reliable Gigabit network at each TV location.

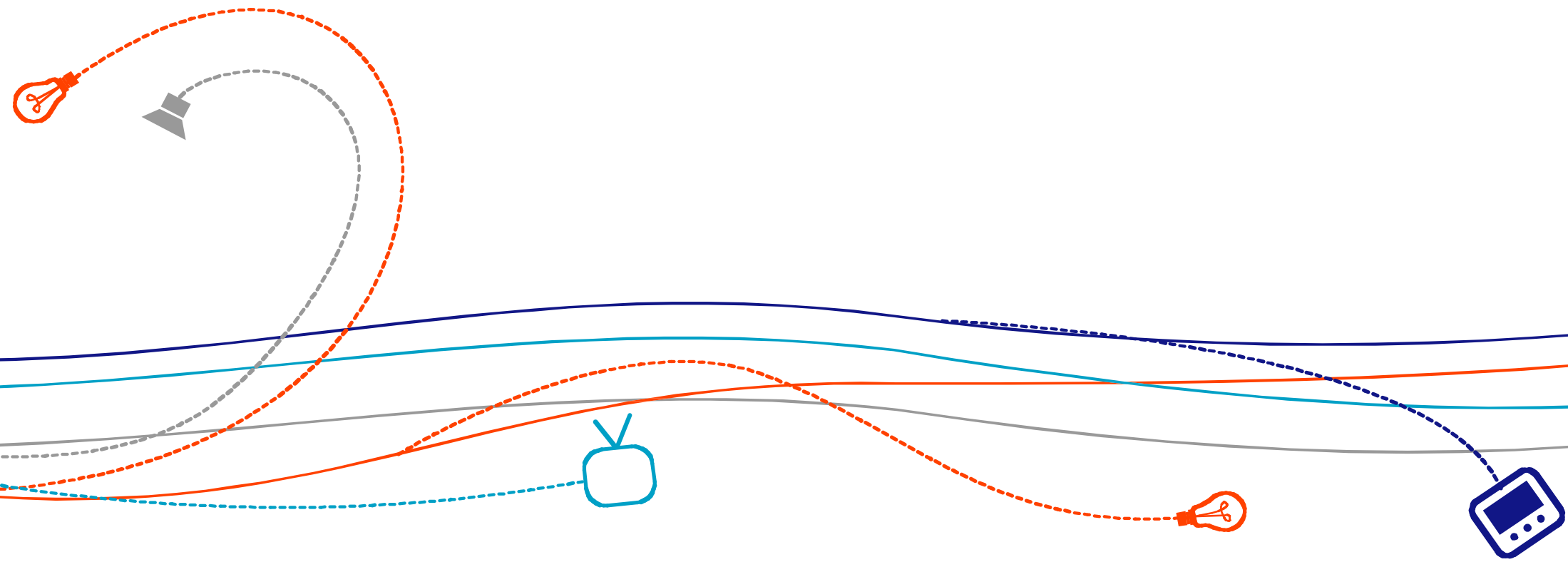


- Integration - connect all systems together to maximize potential and have total control.

- Lighting & Shading
- Heating & Cooling
- Multiroom Audio/Video
- TVs and cable TV receivers
- Motorised mechanisms (e.g. TV lifts)
- Home Cinema (handheld remote control preferred)
- Video Intercom
- Security & CCTV
- Irrigation

- Wall Touchpanels, typically from 5” to 12” depending on size of space and number of systems.
- Smartphones and Tablets (Apple iOS or Android).
- Handheld remote controls with or without touchscreen, for TV & Home Cinema spaces.





# Design of Smart Hotel Systems



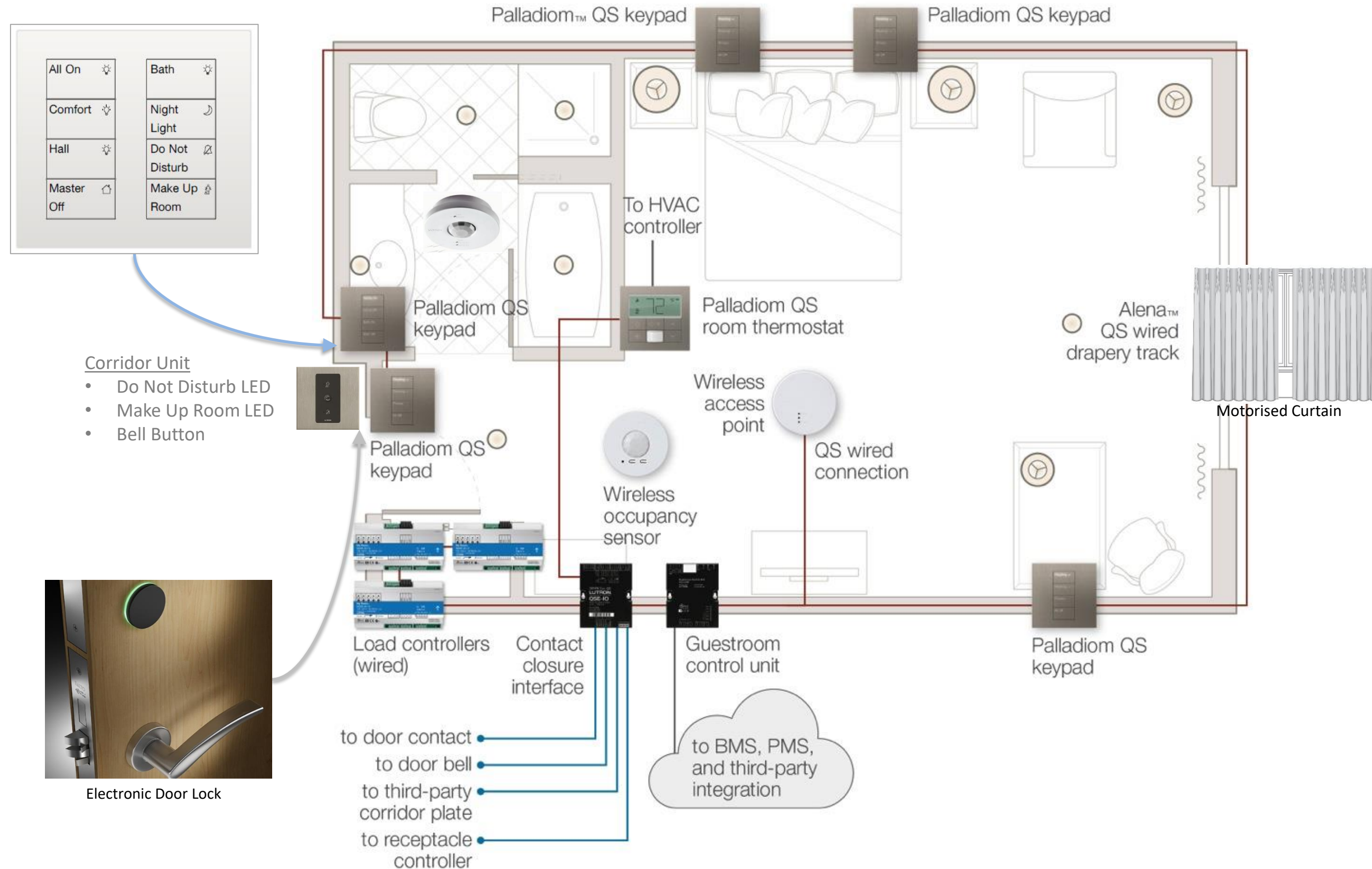
# What is a Guestroom Management System (GRMS)?

- Integrated guestroom management system that can control:
  - Lighting, Motorized Shading & HVAC
- Requires a Room Controller and Network Connection
- Utilizes Smart programmable switches (keypads)
- Integrated DND/MUR facilities
- Energy management through “Guest Presence Detection” system (GPD) (Occupancy Sensors, Door magnetic sensors & logic algorithms)
- Integration to PMS (e.g. Fidelio system), Access Control & BMS
- Web-based Software Application tool





# Guestroom Management (GRMS)



# GRMS Sequence of Operations



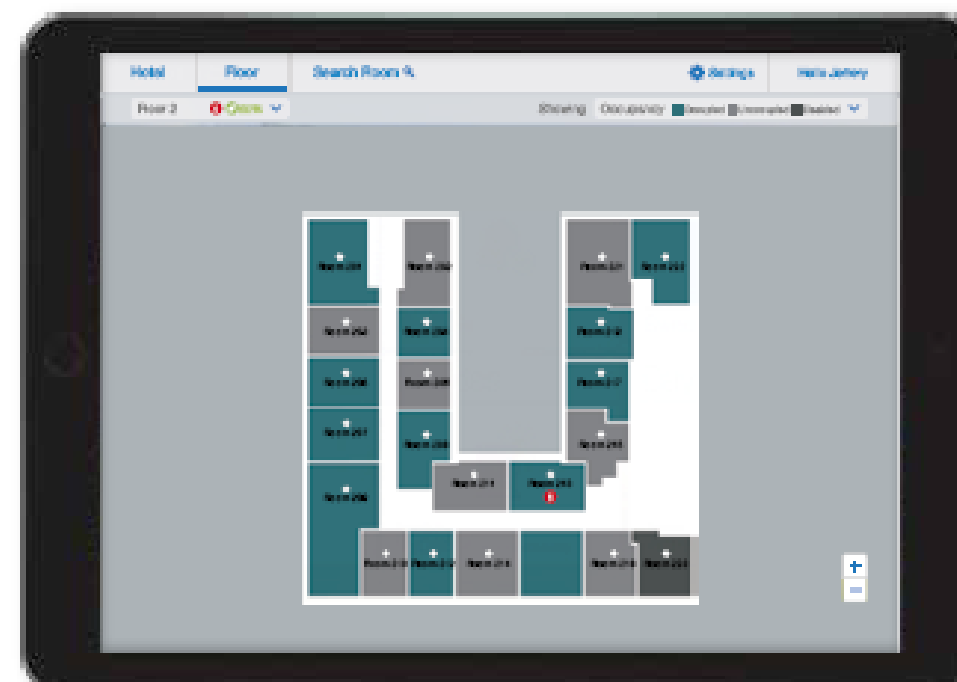
|                     | Unsold<br>Check-out | Sold<br>Check-in<br>Day       | Sold<br>Check-in<br>Night     | Sold<br>Unoccupied                      | Sold<br>Re-occupied  | Balcony<br>Doors Open | Balcony<br>Doors Closed         |
|---------------------|---------------------|-------------------------------|-------------------------------|-----------------------------------------|----------------------|-----------------------|---------------------------------|
| <b>Lights</b>       | Off                 | Day Grand<br>Welcome scene    | Night Grand<br>Welcome scene  | Off                                     | Control by<br>client | Unaffected            | Unaffected                      |
| <b>Receptacles</b>  | Off                 | Powered (On)                  | Powered (On)                  | Off                                     | On*                  | Unaffected            | Unaffected                      |
| <b>Aircondition</b> | Off & Locked        | Normal mode:<br>setpoint (°C) | Normal mode:<br>setpoint (°C) | Economy<br>mode: Hotel<br>setpoint (°C) | Control by<br>client | Off & Locked          | On<br>(to previous<br>setpoint) |
| <b>Curtains</b>     | Unaffected          | Open                          | Close                         | Unaffected                              | Control by<br>client | Unaffected            | Unaffected                      |
| <b>Blinds</b>       | Unaffected          | Open                          | Open                          | Unaffected                              | Control by<br>client | Unaffected            | Unaffected                      |

# Software/Tablet Control



## Room dashboard

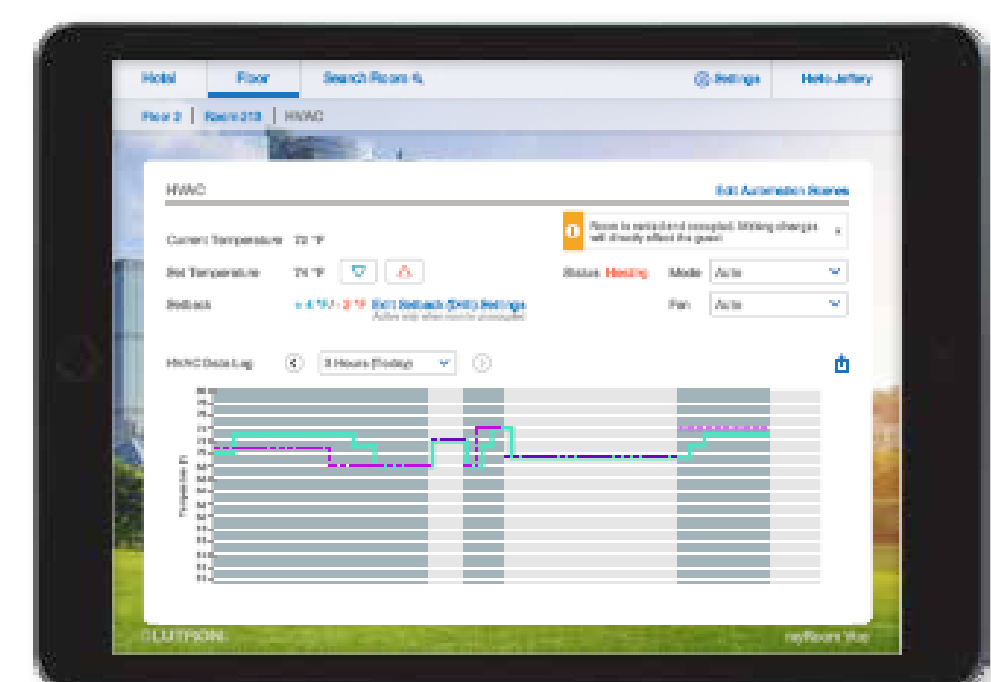
Monitor and adjust a single room or area efficiently. Control and monitor lights, shades and HVAC in the room. Review energy and alerts in the room for troubleshooting and maintenance, or review current room status and enable/disable room automation.



## Floorplan navigation

Easily navigate through a visual floor plan of the building. Quickly manage multiple areas, troubleshoot issues, and monitor building performance from anywhere.

- Pan-and-zoom feature dynamically adjusts the details presented based on zoom level.
- View alerts, lighting status, occupancy, or current energy usage view alerts, lighting status, occupancy, or energy usage.



## HVAC control

Easily view and adjust the current status of HVAC/thermostat settings.

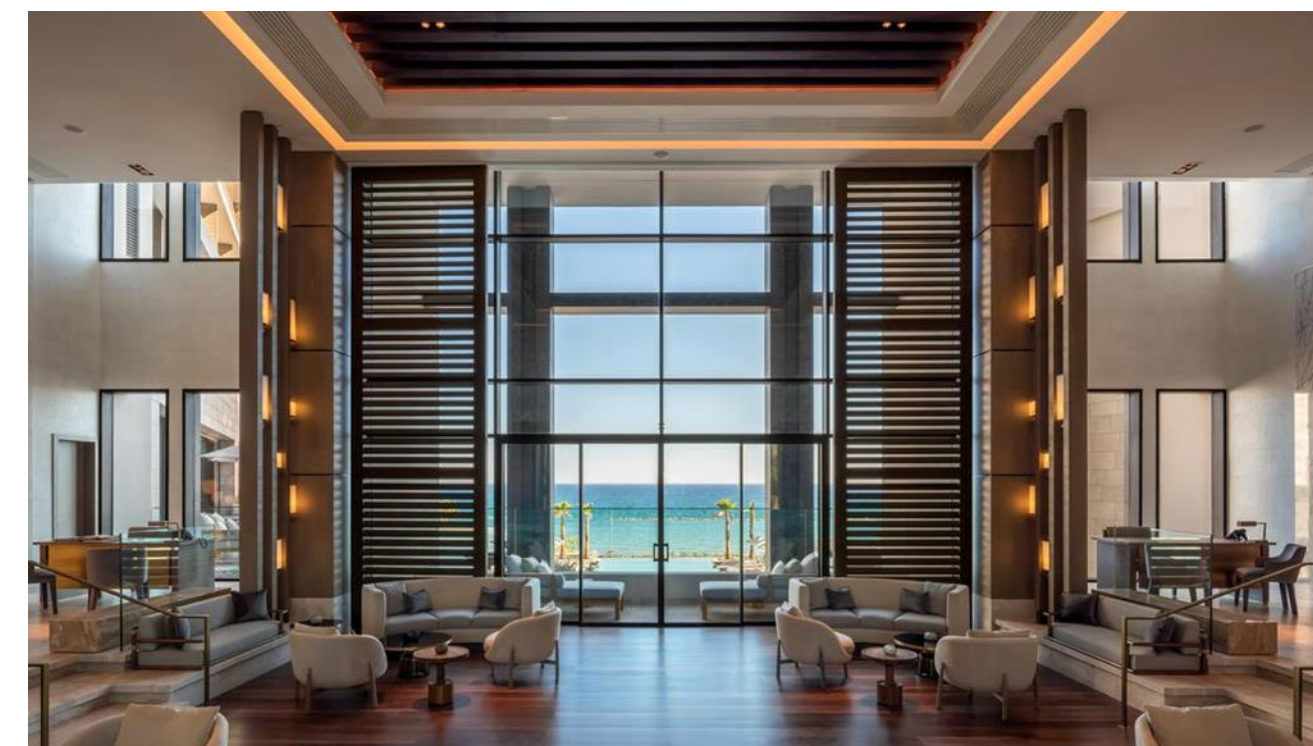
- Control the thermostat settings and adjust set backs based on guestroom status.
- View current and historical HVAC performance for troubleshooting.





# Hotel Public Space Solutions

- Total **Light Management System** that connects to other hotel systems
- Requires multiple Processors that are connected through the IT Network
- All types of modules for Dimming, switching, Colour changing of lights
- Utilize Smart programmable switches
- Energy management through Occupancy/Vacancy Sensors & astronomic timer programming
- Lighting scene setting per area, per time of day.
- Use in Lobbies, Ballrooms, Restaurants, SPAs, Meeting rooms, Landscape to create beautiful and functional lighting environments
- Easily scales from a single area to a building, or to a campus with many buildings
- Motorized curtain/blinds control
- Web-based Software Application tool for Hotel Engineering Team



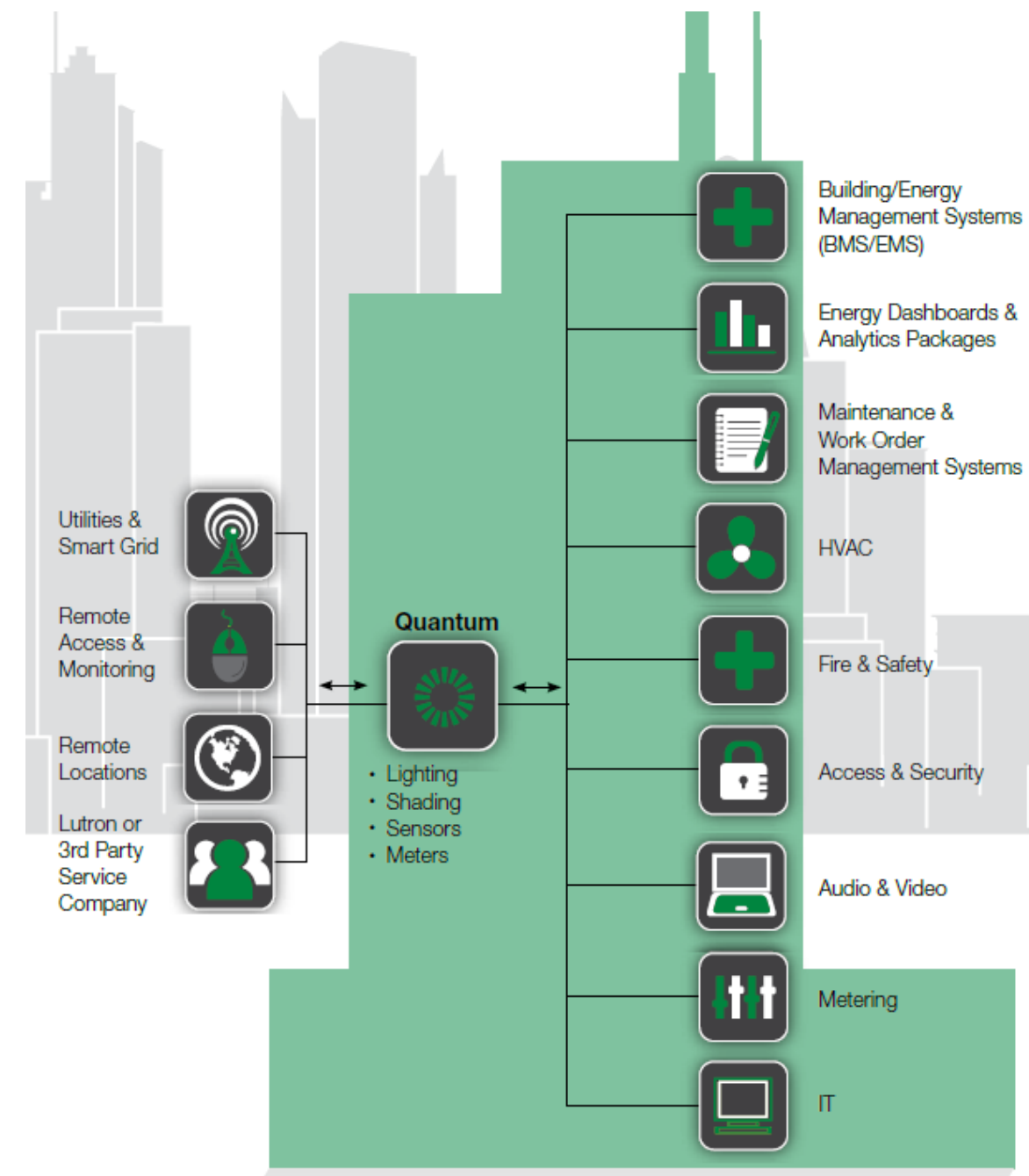


# Hotel Public Space Solutions

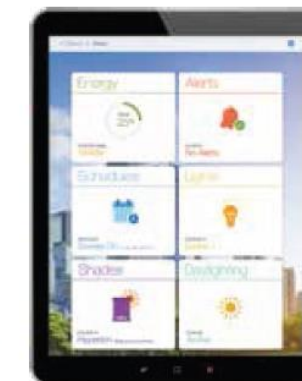


## Integration to Other Systems:

- BMS Integration via BACnet-IP
- PMS – Property Management System (Reservation & Front Desk)
- Fire Alarm Systems
- Audio-Visual Systems
- Access & Security systems
- Facilities Management
  - Energy reports, alert and alarm reports
  - Operational control and maintenance
- Management Software
  - Access from any PC or mobile device
  - Provides actionable information that improves the performance of your building



PC



Android tablet™

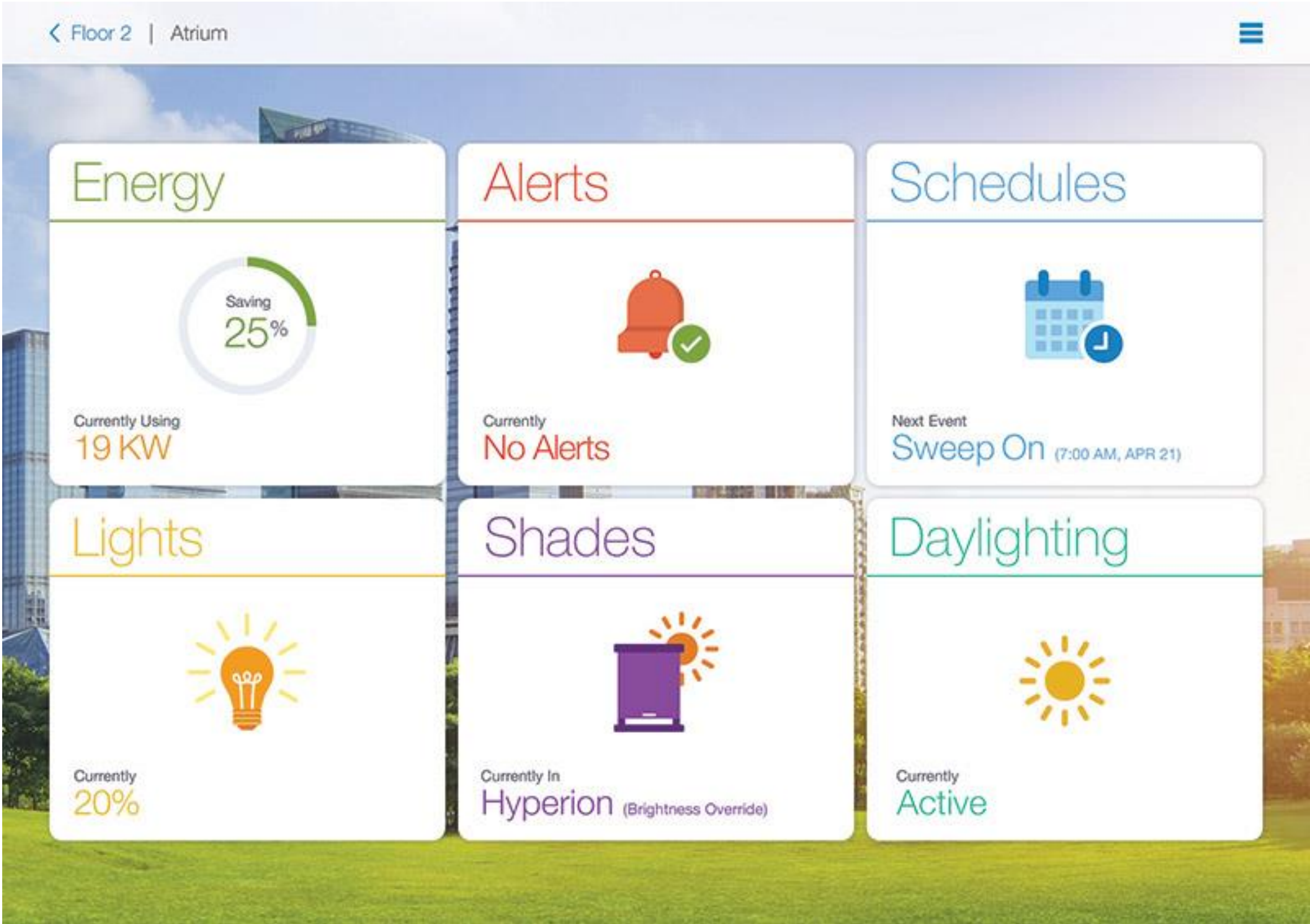


iPad® mini



iPhone® or  
Android

# Public Areas LCS - Dashboards



# Public Areas LCS – Floorplan Dashboards



Lutron CB5

Floor 1

Showing Lights

Corner Office

Lights

On

Off

Shade Group 1

Open

Close

Advanced Lights

Area Dashboard

OLUTRON

QUANTUM

The image shows a screenshot of a Lutron CB5 floorplan dashboard for Floor 1. The floorplan is displayed in yellow, with various rooms and corridors. A modal window is open over a specific area, titled "Corner Office". This modal contains controls for "Lights" (On, Off) and "Shade Group 1" (Open, Close). Below these are two sets of up/down arrow buttons. At the bottom of the modal are links for "Advanced Lights" and "Area Dashboard". The interface includes a "Floor 1" dropdown and a "Showing Lights" dropdown. The Lutron and Quantum logos are visible at the bottom.

# Public Areas LCS – Lighting Dashboards



Conference Room A | Lights



The 'Advanced' interface shows five vertical sliders for different lighting fixtures: Coves, Downlights, Wall Washers, Incandescent Pendants, and Sconces. Each slider is set to 70%. The 'Incandescent Pendants' slider is a toggle switch, currently in the 'On' position. Navigation arrows are visible on the left and right sides of the sliders. A 'Rename' button is located at the bottom left of the interface.



# Public Areas LCS - Sequence of Operations - SoO



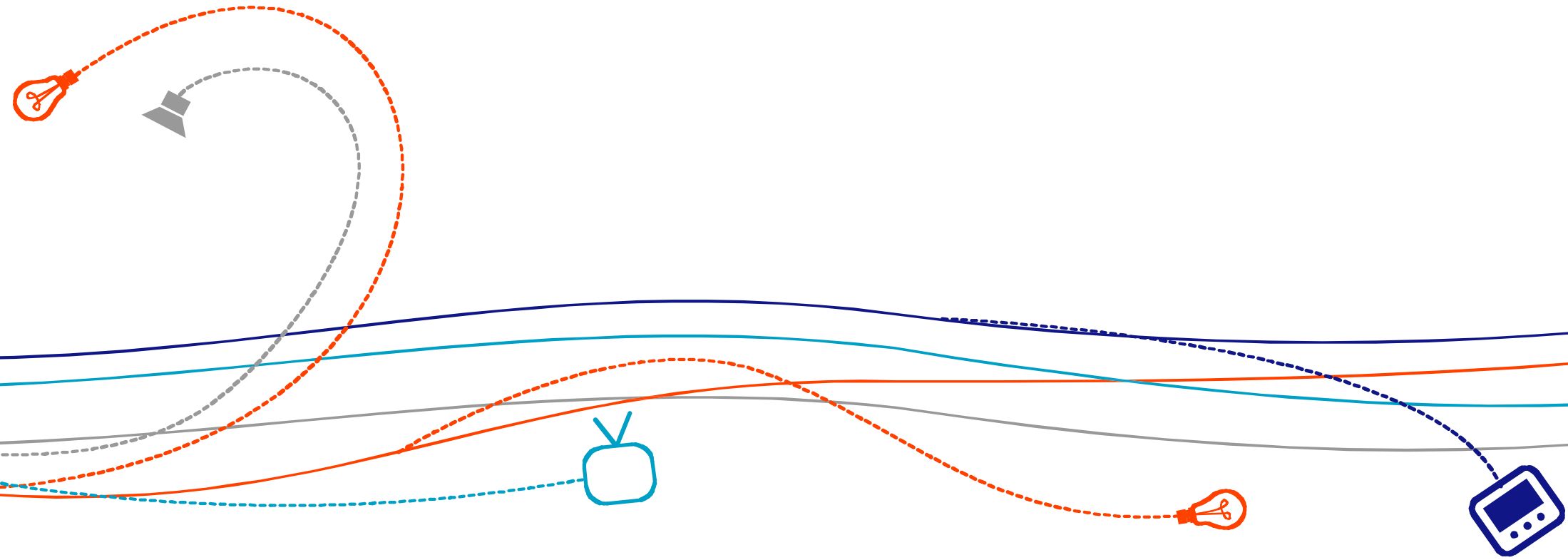
Typical example:

| LIGHTING SCENES - GENERAL TIME INTERVALS |            |                  |                  |
|------------------------------------------|------------|------------------|------------------|
| S/N                                      | Scene Name | FROM             | TO               |
| 1                                        | Daytime    | Sunrise          | Sunset (-30 min) |
| 2                                        | Evening    | Sunset (-30 min) | 10:00pm          |
| 3                                        | Night      | 10:00pm          | 1:00am           |
| 4                                        | Late Night | 1:00am or 2:30am | Sunrise          |



# SoO Example:

|                             |                                             | TIME OF SCENE CHANGING |                 |              |                   |                                                                                                                                            |
|-----------------------------|---------------------------------------------|------------------------|-----------------|--------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| S/N                         | AREA                                        | Scene-1                | Scene-2         | Scene-3      | Scene-4           | Comments                                                                                                                                   |
| <b><u>PUBLIC AREAS:</u></b> |                                             |                        |                 |              |                   |                                                                                                                                            |
|                             |                                             | <b>Daytime</b>         | <b>Evening</b>  | <b>Night</b> | <b>Late Night</b> |                                                                                                                                            |
| 1                           | PORTE COCHERE, ROUND ABOUT AREA, MAIN DRIVE | OFF                    | Sunset (-30min) | 10:00pm      | 2:30am            |                                                                                                                                            |
| 2                           | ILIAKOS                                     | Sunrise                | Sunset (-30min) | 10:00pm      | 1:00am            |                                                                                                                                            |
| 3                           | LOWER LOBBY                                 | Sunrise                | Sunset (-30min) | 10:00pm      | 1:00am            |                                                                                                                                            |
| 4                           | LOBBY LOUNGE                                | Sunrise                | Sunset (-30min) | 10:00pm      | 1:00am            |                                                                                                                                            |
| 5                           | COURT YARD GARDEN                           | OFF                    | Sunset (-30min) | 10:00pm      | 1:00am            |                                                                                                                                            |
| 6                           | LOCATELLI (SPECIALTY REST.)                 | OFF                    | Sunset (-30min) | 10:00pm      | 2:30am            | "Staff Mode" to be turned ON manually by Staff when they start work at the restaurant                                                      |
| 7                           | MATSUHISA (BRANDED REST.)                   | OFF                    | Sunset (-30min) | 10:00pm      | 2:30am            | "Staff Mode" to be turned ON manually by Staff when they start work at the restaurant                                                      |
| 8                           | ALL-DAY DINING                              | 6:45am                 | Sunset (-30min) | 10:00pm      | 1:00am            | Lights turn on at 6:45am and Off at 1:00pm, then On again with Evening scene at Sunset                                                     |
| 9                           | MAIN DINING                                 | 12:30pm                | Sunset (-30min) | 10:00pm      | 1:00am            |                                                                                                                                            |
| 10                          | SPA & SPA Pool                              | 7:00am                 | Sunset (-30min) | 8:30pm       | 11:30pm           | SPA turns on to Bright scene at 6:00am for cleaning and then follows as scenes 1 to 4 show. SPA indoor pool RGB lights turn Off at 9:00pm. |
| 11                          | SWIMMING POOLS (ALL)                        | OFF                    | Sunset (ON)     | N/A          | Sunrise (OFF)     | Starts BLUE and slowly goto MAGENTA                                                                                                        |
| 12                          | POOL BAR AREA including planters around it  | OFF                    | Sunset (-30min) | 10:00pm      | 1:00am            |                                                                                                                                            |
| 13                          | TAVERNA                                     | OFF                    | Sunset (-30min) | 10:00pm      | 1:00am            | "Staff Mode" to be turned ON manually by Staff when they start work at the restaurant                                                      |
| 14                          | KIDS CLUB                                   | STAFF                  | STAFF           | OFF          |                   | Manually operated by Staff when they start work & local scenes area available. Off at Night scene                                          |

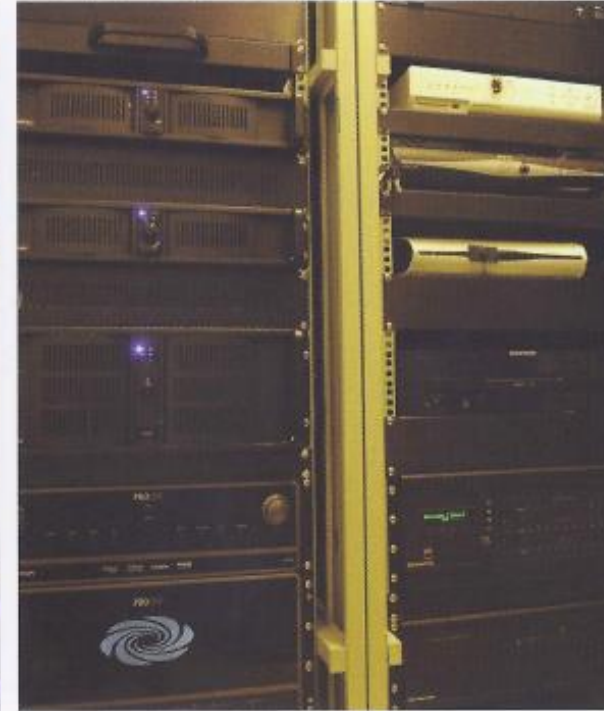


# International Awards

# International Awards



## CEDIA 2013 AWARDS: Winner of Best Home Theatre under 135,000€



A purpose-built home cinema that James Bond would be proud to use.

// PROJECT  
**A 007 Class Theatre**

// INSTALLER  
**Lifestyle Technologies**

The client wanted to create a sumptuous '007' themed home cinema that exudes the atmosphere of a real theatre. Starting with an empty concrete shell, the installer took care to create the optimum room layout, seating arrangement and technology specification to ensure the entire audience would be immersed in the viewing experience.

The focus of the room is a 133" Da-Lite micro-perforated screen with automatically adjusted masking to suit all picture formats. The JVC DLA-RS60 Reference series THX projector produces a crystal clear image in 2D and 3D for every movie played back from the 10-Terrabyte Mozaex Media or the Apple TV

and the Sky HD receiver.

All systems are controlled from a Crestron TPMC-3X Wi-Fi touch panel remote and/or an iPad running the Crestron Mobile Pro G app. At a touch of a button the show starts: lights dim; projection and sound systems turn on; and the HVAC switches to a pre-set point.

To enhance the ambience, drop ceilings with 'star-field' fibre-optic lighting, step lights, cove lights and display lights have been set up to dim from a Lutron Homeworks system.

Cineak leather seats and James Bond scenes on the walls also augment the theme.

### KIT LIST

- A&B freestanding rack
- Acoustics cutting wedge
- Apple iPad 2 WiFi 32GB Black
- CoolMaster VRV & VRF - RS232 interface
- Crestron 19" rack mount kit
- Crestron Control System 3-series
- Crestron Cresnet® Dual
- Crestron HDMI extender kit
- Crestron Isys i/O® 2.8" Handheld WiFi touchpanel
- Crestron PROCISE amplifier
- Crestron relay outputs
- Crestron wall-mounted universal thermostat and temperature sensor
- Da Lite 133" fixed projector screen & masking system
- Homeworks International Seetouch Buttons & Faceplate kit
- Intellinet 8 Port Switch Gigabit
- JVC projector with 3D glasses
- Liberty HDMI cables and IR 2-core
- Lutron Homeworks 4-zone dimming module
- Lutron Homeworks International Seetouch base unit
- Monitor Audio speakers and subwoofer
- Mozaex RAID server and player
- Ubiquiti Unifi 2.4ghz with MIMO airMAX indoor POE



### Lifestyle Technologies



8 Isaak and Solomou Street, 2236 Latsia,  
Nicosia, Cyprus

+357 (0)22 442 929

[www.lifestyle-technologies.com](http://www.lifestyle-technologies.com)



# International Awards

CEDIA 2013 AWARDS: Finalist for Best Integrated Home up to 350,000€



// PROJECT  
**Beach Front Residence**

// INSTALLER  
**Lifestyle Technologies**



A 'smart' holiday home which benefits from innovative energy saving features and remote security monitoring. The sub-systems, including Lutron Homeworks lighting control, are integrated through a Crestron home automation system. Astronomic time-clock programming adjusts the lighting and shading according to the time and day of the year. The use of occupancy sensors in common areas also helps reduce power consumption. Occupants can select pre-set mood lighting and change the colour of the swimming pool and water fountains. Fire alarm integration to HVAC disables air circulation in case of a fire.

For peace of mind, the owners can switch the alarm on/off and monitor CCTV images remotely using mobile devices.

**Lifestyle Technologies**



8 Isaak and Solomou Street,  
2236 Latsia, Nicosia,  
Cyprus

+357 (0)22 442 929

[www.lifestyle-technologies.com](http://www.lifestyle-technologies.com)





# International Awards



CEDIA 2014 AWARDS: Highly Commended for Best Integrated Home up to 350,000€

// PROJECT  
**Luxury Beachfront  
Residence**

// INSTALLER  
**Lifestyle Technologies**



The system installed in this project allows the client to easily monitor and control all the activity in the house, and enjoy entertainment throughout the property.

With energy saving being a key requirement, Lifestyle Technologies provided a totally integrated solution for intelligently controlling the lighting, shading and pool RGB colour changing effects through a Crestron DIN-rail lighting control system. Electrically operated windows provided true feedback to the system and engaged the roller blinds control according to the state of openness of the window.

Irrigation control and hot water boiling\* was achieved with weekly time scheduling through the touch panels and iPads.

**Lifestyle Technologies**



8 Isaak and Solomou Street,  
2236 Latsia, Nicosia,  
Cyprus

+357 (0)22 442 929

[www.lifestyle-technologies.com](http://www.lifestyle-technologies.com)





# International Awards

CEDIA 2015 AWARDS: Winner for Best Integrated Home under 135,000€



*A very liveable space, which delivers on every level with regards to the integration of the technology*

// PROJECT  
**Smart  
Contemporary  
Living**

// INSTALLER  
**Lifestyle  
Technologies**



The combination of formal and informal settings was required in this new build project, and resulted in Lifestyle Technologies collaborating with an interior designer to provide the perfect blend of technology and design.

The first stage saw Lifestyle Technologies design a control system which included Lutron HomeWorks QS for lighting, Crestron thermostats for heating, and a Coolmaster interface for cooling.

The second stage was focussed on the entertainment element. Lifestyle Technologies provided 11 individual listening zones, including invisible speakers in the formal areas of the house and stylish environmental speakers featured on the veranda and in the pool area, to

allow for a party atmosphere. The same kind of thought was given to the lighting, and pre-sets were arranged for different areas in the house. An astronomic time clock system automatically adjusts the lighting and blinds for different times in the day.

In the basement, a Vivitek HD projector and a 92" motorised screen, Audica LCR soundbar, Cabasse satellite speakers and subwoofer provide the client with a cinematic experience, while a TV behind the projector screen provides more casual viewing.

The specified products, placement and installation all contributed to Lifestyle Technologies meeting the client's brief. Also, the strategic placement and sophisticated GUI programming was self-explanatory and only a few minutes of training was enough to bring the client up to speed with the system.

## KIT LIST

A&B Custom 42U freestanding rack with glass door  
Apple AirPort Express for wireless audio streaming  
Audica CX-LCR LCR sound bar  
Bluetek BO4040F universal TV mount  
Bose 151 SE environmental speakers  
BPT DPF Thangram frontplate  
BPT DPS Thangram single push-button  
BPT ETI/SER Thangram LAN network server  
Cabasse EOLE2 satellite loudspeakers & subwoofer  
CISCO 24-port gigabit Ethernet switch  
Crestron wall-mounted thermostat and sensor  
Crestron CP3 control system 3-series  
Crestron TSW-750-W-S 7" in-wall touchpanel  
GrandView motorised projection screen  
LG Ultra HD TVs  
Liberty cables  
Linksys E3200 Ethernet router  
Lutron HQ-P6-2 HomeWorks QS processor  
Lutron seeTouch base unit keypad and button  
Lutron LQSE modules, PIR sensor and module  
Pioneer BDP-140 Blu-ray player  
Russound RUS-854 mini IR receiver  
Stealth Acoustics LR6 two-way loudspeaker  
Ubiquiti UB-WIFI Unifi Wi-Fi access point  
Visonic outdoor and curtain PIR sensors  
Vivitek H1080FD 1080p projector  
WyreStorm MX-0404-PRO 4x4 HDMI Cat6 matrix switch  
WyreStorm RX-50-IR-PRO-IW CAT receiver  
Yamaha home theatre receiver/amplifier & CD player



## Lifestyle Technologies



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# International Awards

CEDIA 2017 AWARDS: Finalist for Best Integrated Home under 135,000€



// PROJECT

**Luxury Living Above the Mediterranean Sea**

// INSTALLER

**S. K. Lifestyle Technologies**

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lifestylesk.com

**CEDIA Member Since 1998**

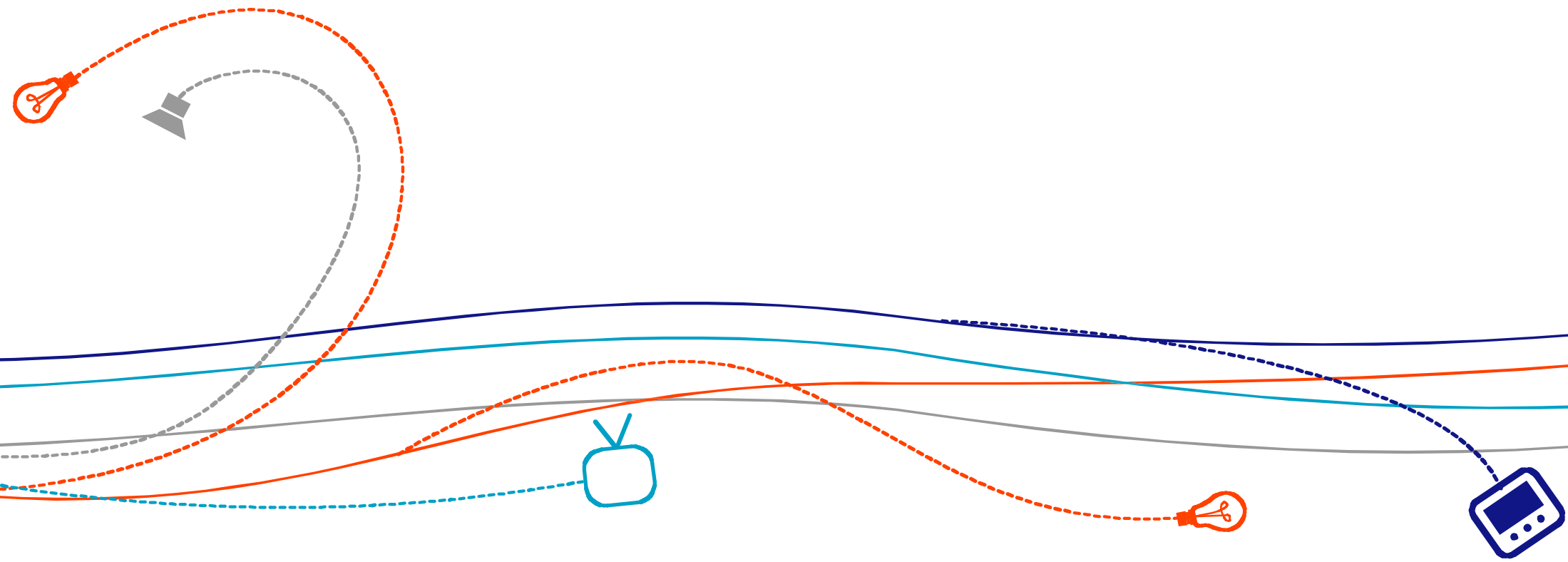
Having multiple properties around the world, the client is familiar with home automation systems and was clear on what features he wanted in this holiday home. He explained that the technology should be functional, convenient, reliable, and robust, but where possible, hidden out of sight.

S. K. Lifestyle Technologies installed a Lutron Home-Works QS system for lighting control, and integrated the curtains, blinds, and louvres into the system for convenient operation. Rain sensors were installed to automatically close the louvres when they detected rain.

For video distribution, the integrator opted for a WyreStorm system, which delivers uncompressed Full HD video over an HDBaseT signal to the home cinema, four bedrooms, master bathroom, and Jacuzzi area on the terrace. Turning the attention to the audio, Stealth Acoustics loudspeakers were used in the kitchen and dining room and for a 5.1 system in the home cinema.







**Some of our Prestigious Projects**





## Olympic Residence (Limassol)

- LUTRON Lighting control systems
- LUTRON SIVOIA motorised Shading systems
- CRESTRON touch panel control for HVAC & Music

Multi-dwelling Development (102 units)







## Lombardi Seafront Villas (Protaras)

- LUTRON Lighting Controls
- Shading controls
- Climate controls
- Music & HD Video Distribution
- Home Cinema
- Total Automation

Luxury Beach front Villas





## Faros Sea Residences (Larnaca)

- LUTRON Lighting Controls
- LUTRON ALENA shades
- Climate controls
- Music & HD Video Distribution
- Home Cinema
- Total Automation

VARIOUS UPGRADES:



Luxury Beach front Villas







**Deloitte**  
Corporate Offices  
**Nicosia**

#### SYSTEMS:

- ✓ Lighting controls
- ✓ Shading controls
- ✓ HVAC control
- ✓ Video distribution
- ✓ Public Address system
- ✓ Training room AV systems
- ✓ Conference room AV systems
- ✓ Boardroom AV Systems







## Tower 25

Corporate Offices &  
Luxury Apartments  
Nicosia

### SYSTEMS:

- ✓ 8 Apartments
- ✓ 6 Floor Corporate Offices
- ✓ Lighting controls
- ✓ Shading controls
- ✓ HVAC controls
- ✓ Public Address system
- ✓ Conference room AV systems
- ✓ Digital Signage
- ✓ Video conferencing
- ✓ Automation systems





## Columbia Plaza

Multipurpose Building  
Limassol

### SYSTEMS:

- ✓ Lighting controls
- ✓ Shading controls
- ✓ Audio / Video Presentation systems
- ✓ Pro Audio
- ✓ Theatrical Lighting



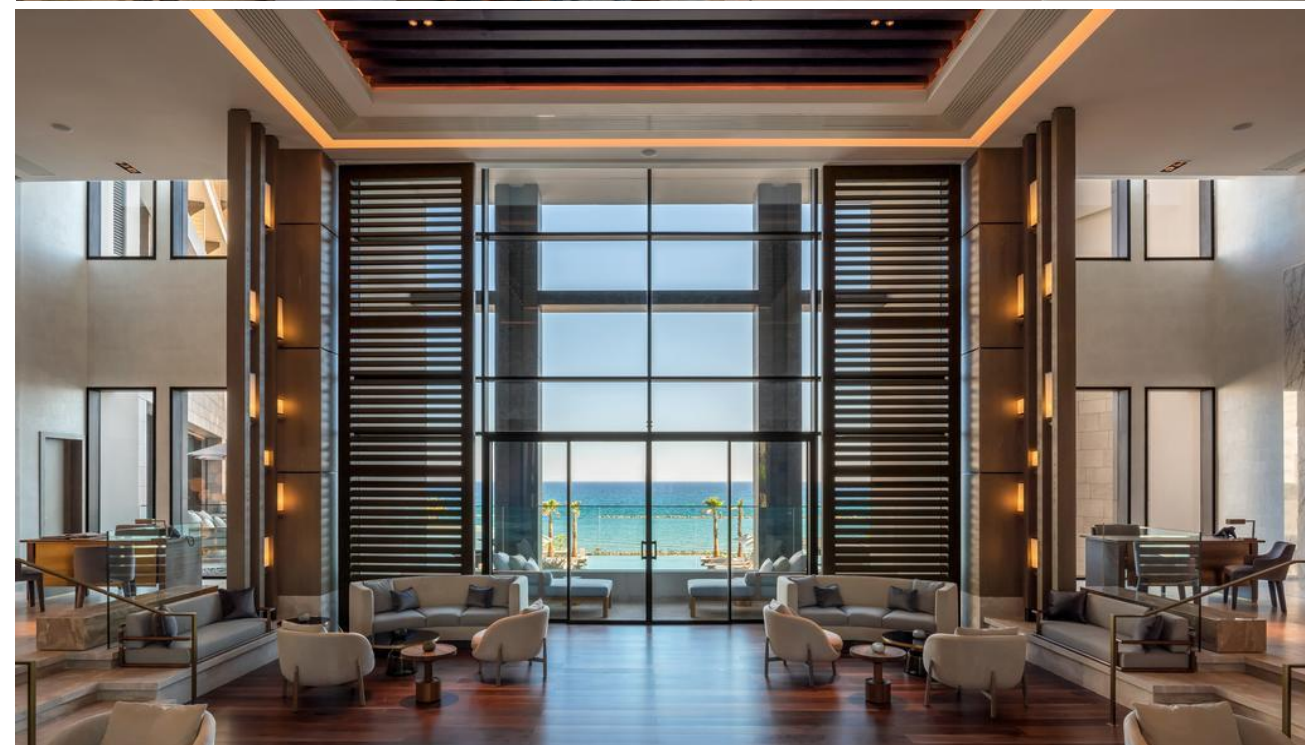


## Four Seasons Hotel

5-Star Beach hotel (300 keys)  
Limassol

- LUTRON Guestroom Management including:
  - ✓ Lighting control
  - ✓ Motorised Lutron curtains
  - ✓ Lutron Thermostat for Climate control
  - ✓ Integration to 7" tablet touch screen
- Audio-Visual Systems including:
  - ✓ Meeting room AV systems & control
  - ✓ Ballroom Crestron AV Automation & Control





## Amara Hotel

5-Star Hotel (207 keys)

Limassol

- LUTRON Guestroom Management including:
  - ✓ Lighting controls
  - ✓ Motorised curtain controls
  - ✓ Lutron Thermostat for Climate control
  - ✓ Do Not Disturb / Make Up Room controls
- Other systems including:
  - ✓ LUTRON VUE Management Software
  - ✓ LUTRON Public spaces Quantum lighting control
  - ✓ SALTO guestroom Access controls
  - ✓ SALTO public area Access controls





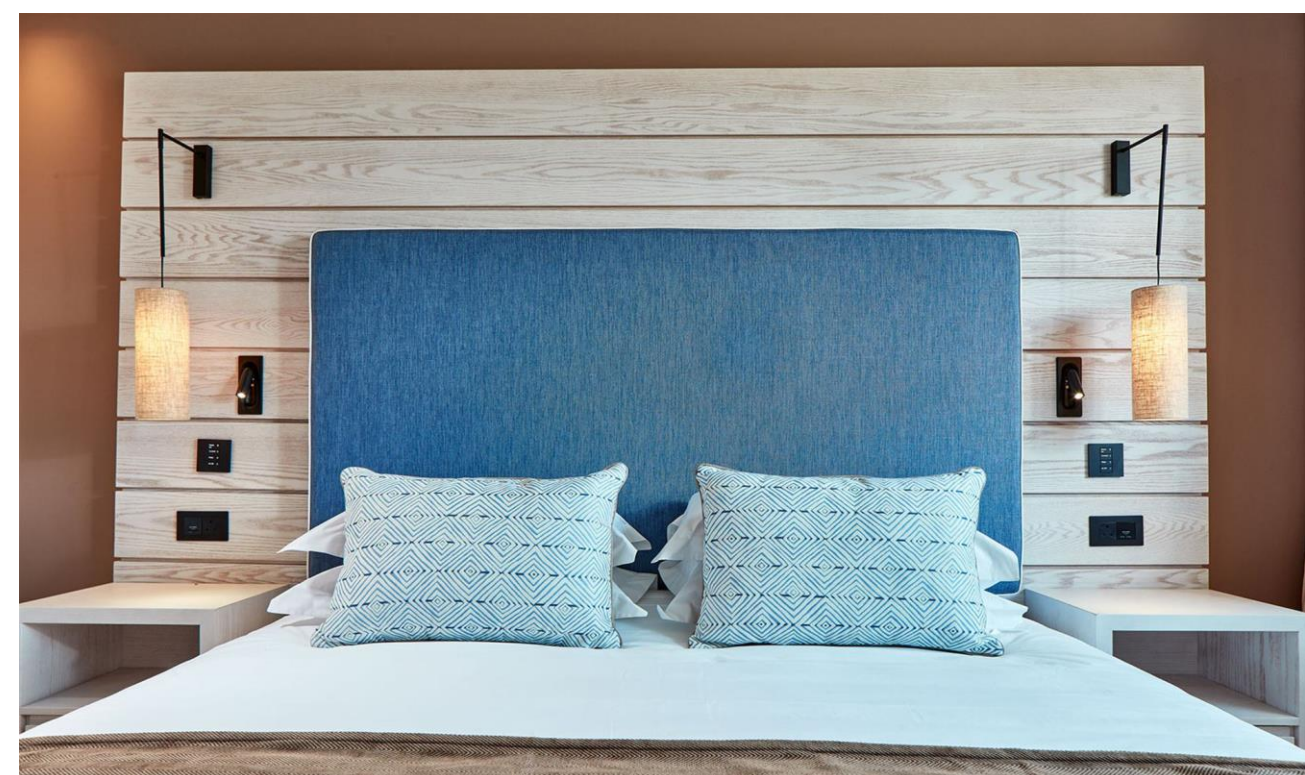
## Atlantica Mare Village

5-Star Beach Resort (350 keys)

**Ayia Napa**

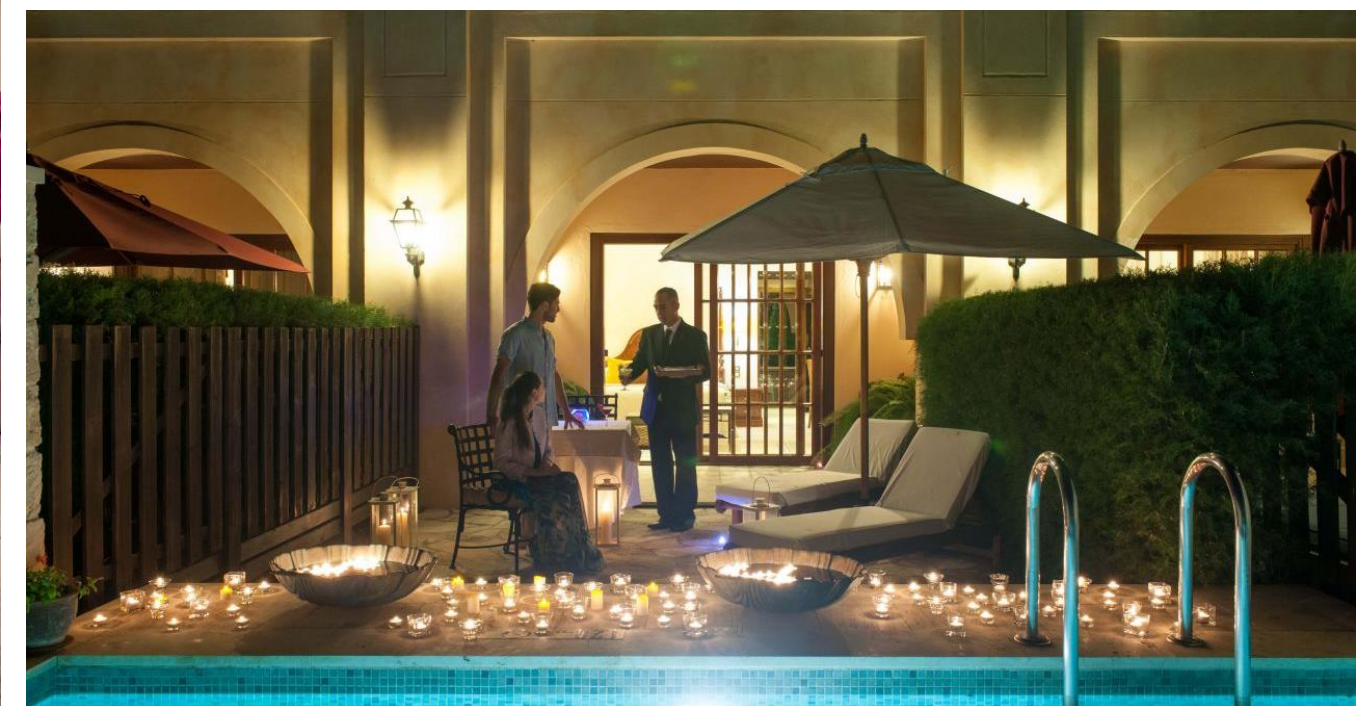


- LUTRON Guestroom Management including:
  - ✓ Lighting controls
  - ✓ Motorised Lutron curtains
  - ✓ Thermostat integration for Climate control
  - ✓ Do Not Disturb / Make Up Room controls



- Other systems including:
  - ✓ Public spaces central lighting control
  - ✓ Background Music systems
  - ✓ Pro Audio systems

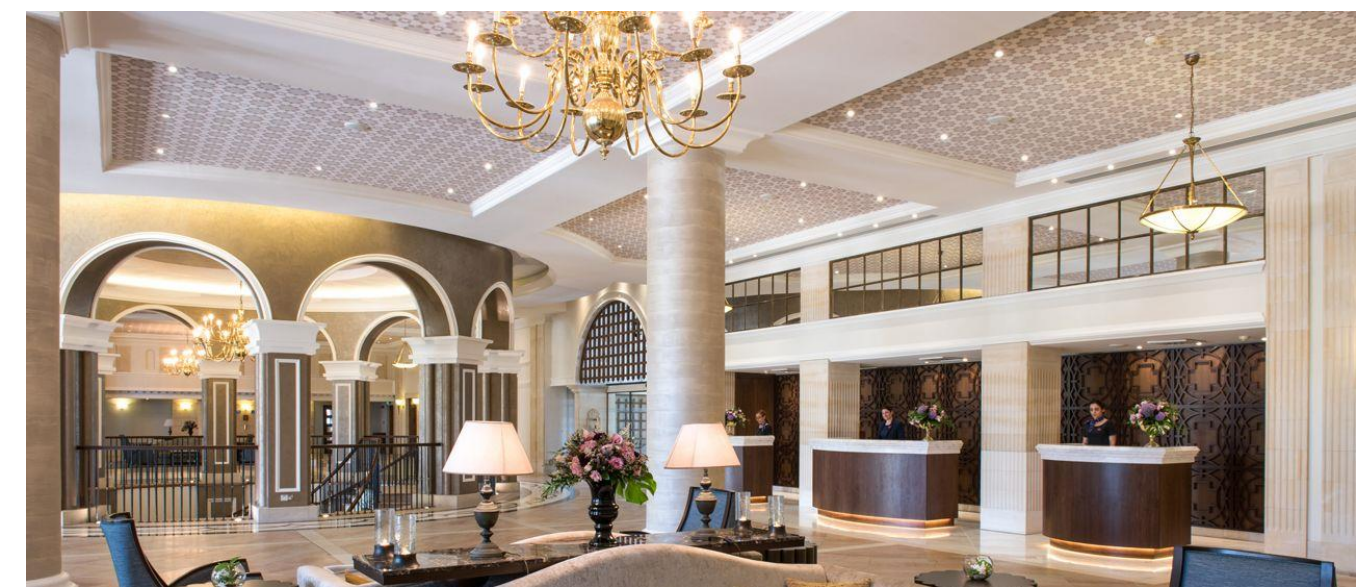




# Elysium Hotel

5-Star Hotel (285 keys)  
Paphos

- LUTRON Guestroom Management including:
  - ✓ Lighting control
  - ✓ Motorised Lutron curtains
  - ✓ Thermostat integration for Climate control
  - ✓ Do Not Disturb / Make Up Room controls







## TUI Sensatori Atlantica Dreams Resort & Spa

5-Star Resort (300 keys)

Rhodes Island, Greece

- LUTRON Lighting Control systems including:
  - ✓ Guestroom Management system
  - ✓ Motorised Lutron curtains
  - ✓ Thermostat integration for Climate control
  - ✓ Do Not Disturb / Make Up Room controls
  - ✓ Public spaces lighting control (FOH)





## Family Entertainment Centre at Doha Festival City

Theme Parks

Doha, Qatar

- Lighting Controls including:
  - ✓ LUTRON Quantum lighting control
  - ✓ LUTRON VUE Management Software
  - ✓ DMX RGB Lighting control





*Thank you*

**S.K. Lifestyle Technologies Ltd**

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