



Shaping the world-class brand



Smart  
Hotel

**MODERN COMMUNICATION  
TECHNOLOGY**

# Smart Hotel Solution

Guangdong Baolun Electronics Co., Ltd.



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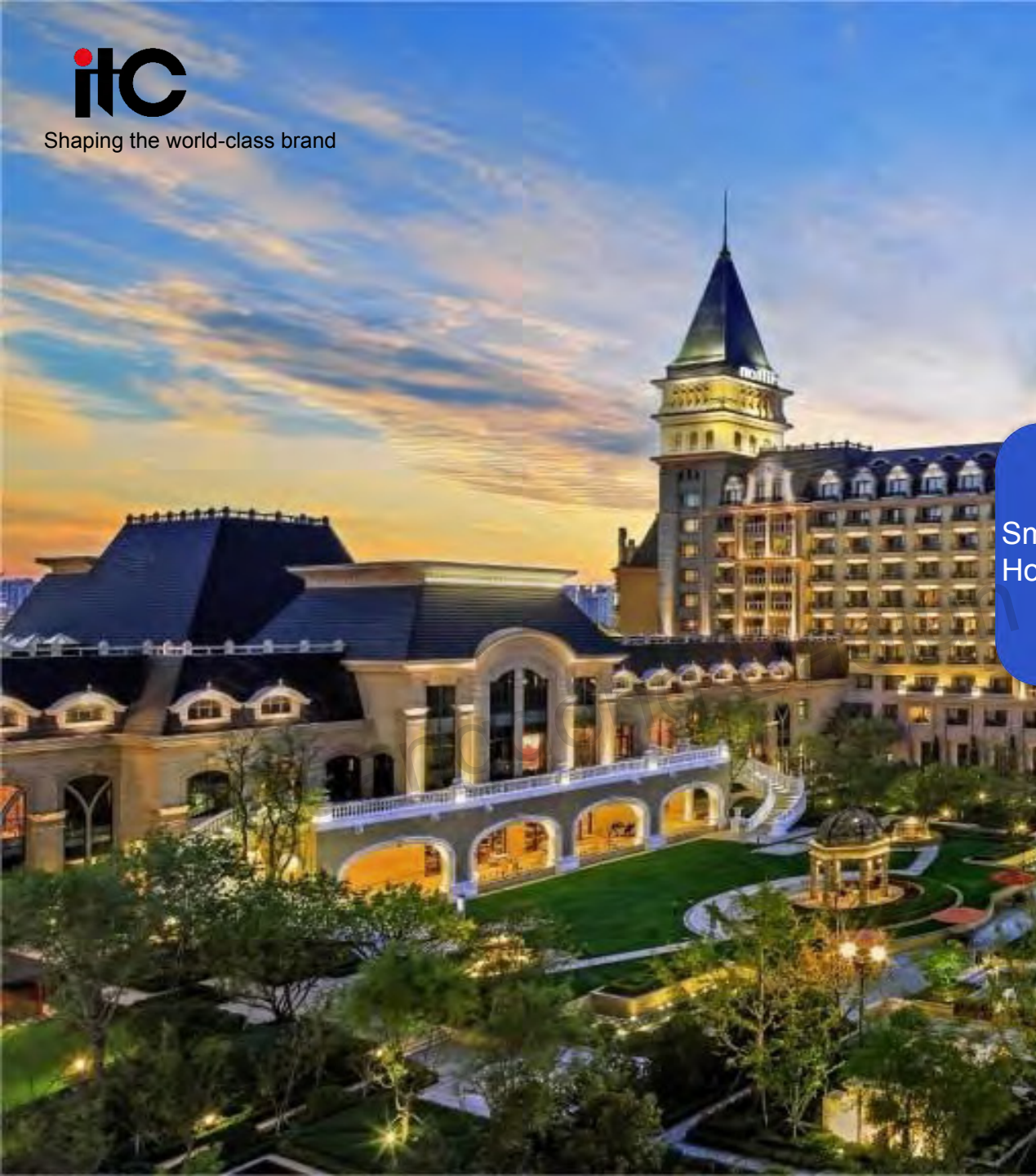
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PART01

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# Hotel Project Background





# Hotel Project Background



In November 2013, the National Tourism Administration made 2014 the Year of Smart Tourism



In 2015, the hotel alliance proposed the construction of the era of smart hotel 3.0



2012

2013

2014

2015

2017



In May 2012, Beijing Smart Hotel Construction Specification Day was released



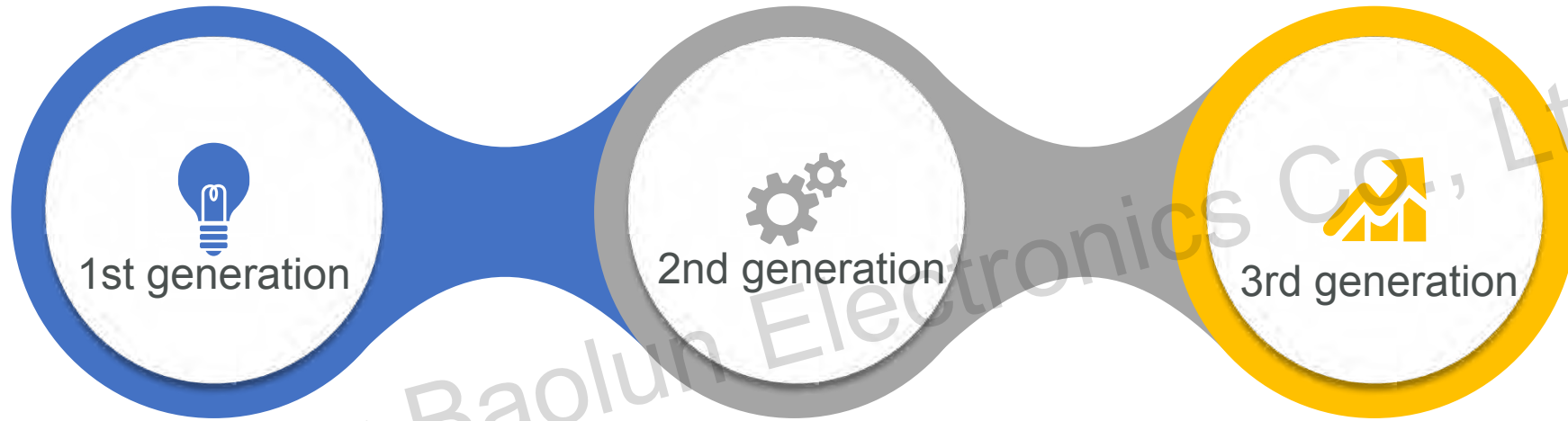
On January 15, 2014, the China Smart Hotel Alliance was established to fully launch the construction of domestic smart hotels



In 2017, gradually entered the era of smart hotel 3.0



# Hotel Project Background



1st generation

2nd generation

3rd generation

Small size

Luxury Accommodation

Hotel group

Meeting our accommodation needs only  
 Infrastructure and services are lagging  
 Small size

Complete infrastructure  
 Improved service levels  
 Hotel begins to be grouped  
 Systematic management

VIP service personalization  
 Intelligent infrastructure  
 Full service  
 Hotel group  
 Simple management



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PART02

# The Analysis of Hotel Project Inquiry



## The Analysis of Hotel Project Inquiry

### Information release channels are not smooth

At present hotel development is collectivized, but the important information cannot be delivered on time; the image of exported products cannot be promoted.

### Bad customer experience and lack of belonging

The infrastructure is isolated, which cannot meet the present inquiry, with poor customer experience, that cannot be intelligent, and requires excessive manual intervention.



### Conference room is lack of unified management

Lack of booking methods, there are many meeting rooms, but you don't know which one is available, you have to waste time on checking it one by one.

### Management difficulties in many systems

Each audio and video system is independent of each other, which is hard to manage, and lack of big data analysis that cannot help understand customer needs.

### Customers reduced and brand reputation declined

The source of passenger traffic is mainly composed of corporate customers, travel community customers, and individual customers. With the development of hotel online booking, hotels have changed from relying on the location to attract customers to relying on the Internet traffic platform to attract more customers.



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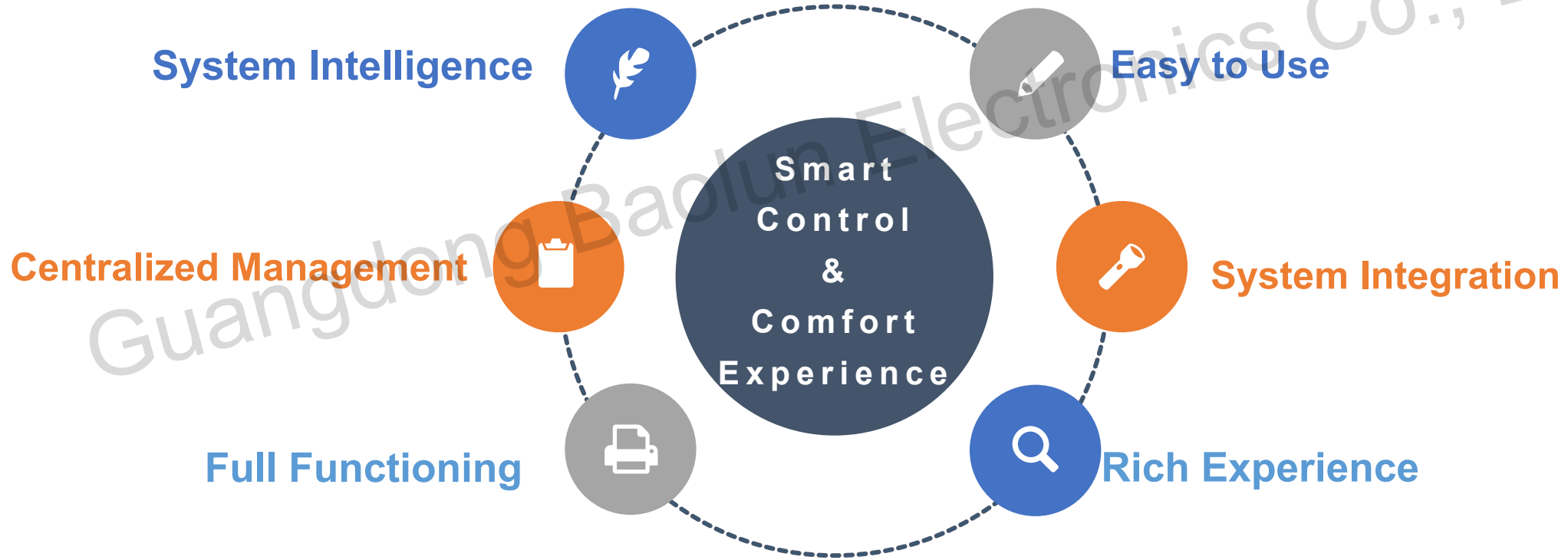
# Hotel Project Goal





# Construction background

The standard network management mode is adopted for easier operation. Through information technology, each subsystem reserves an extended interface, which can integrate with OA office systems, monitoring systems and other intelligent systems.





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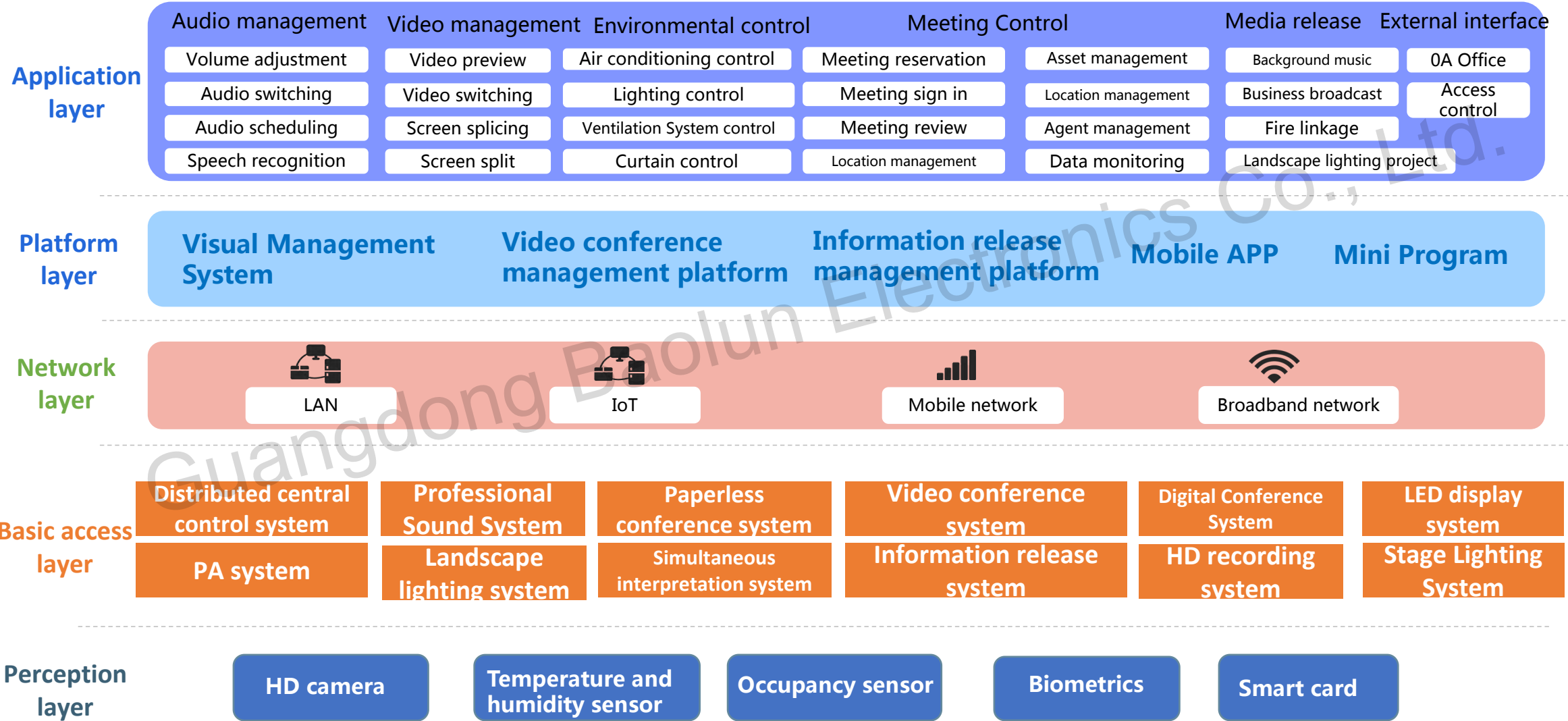
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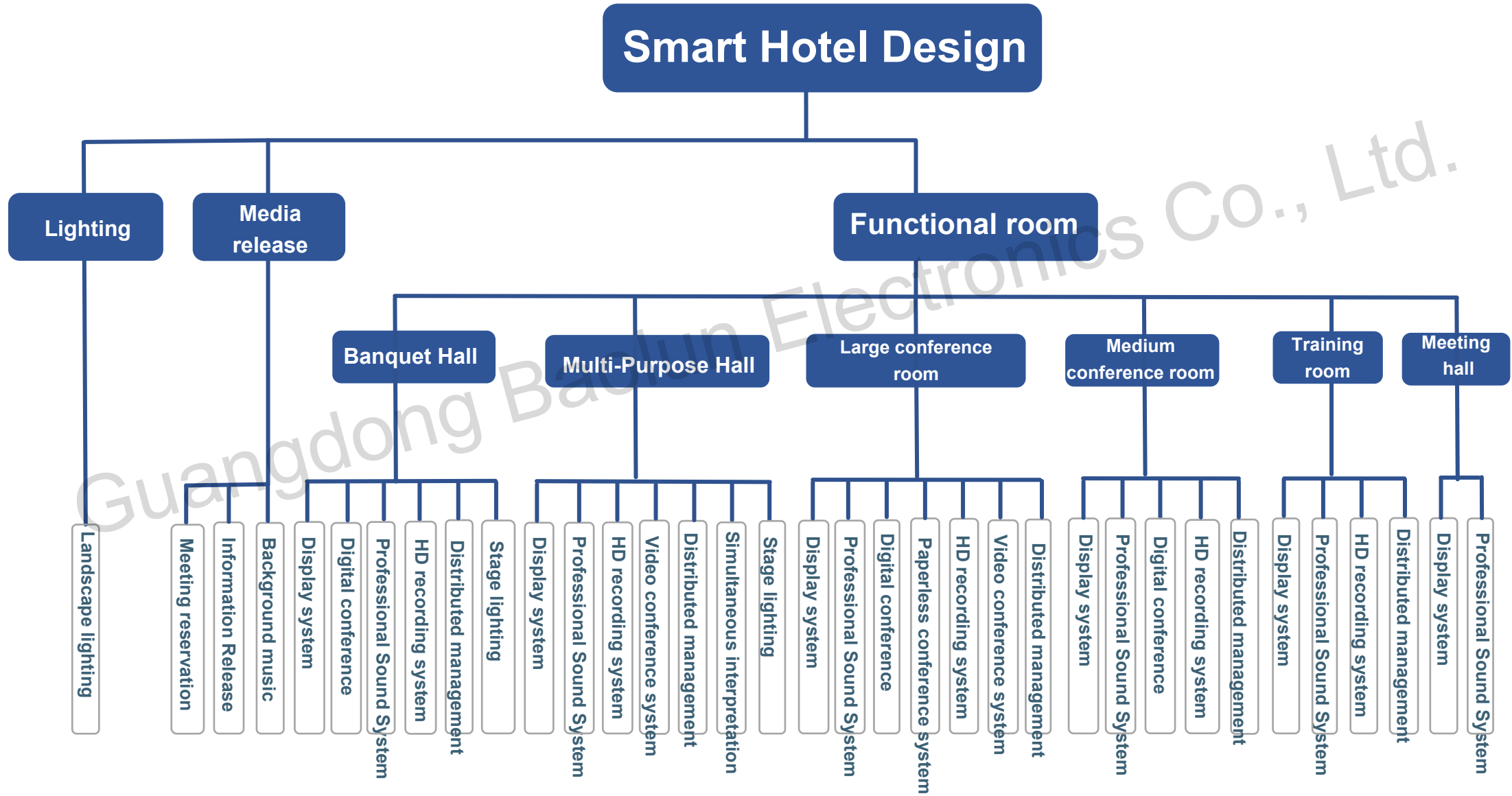
# Hotel Solution Design

# Hotel Solution Design-Platform Architecture





# Hotel Solution Design - System Construction





# Hotel Solution Design-Rendering display



<https://www.720yun.com/t/70akn7790rm>





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# PART04

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## 4.1 Conference Management System





# Video conference management platform - Pain point analysis



**Serious waste of conference room resources**

The appointment time of the meeting room is not accurate, and the meeting is not ended in time after the meeting ends, resulting in the meeting room being unable to be reserved by others

**Conference room with random access**

The conference room has no blocking measures, and the pre-booked conference room is occupied by others; or someone enters the conference room to disrupt the meeting

**Disorganized management, unclear level permissions**

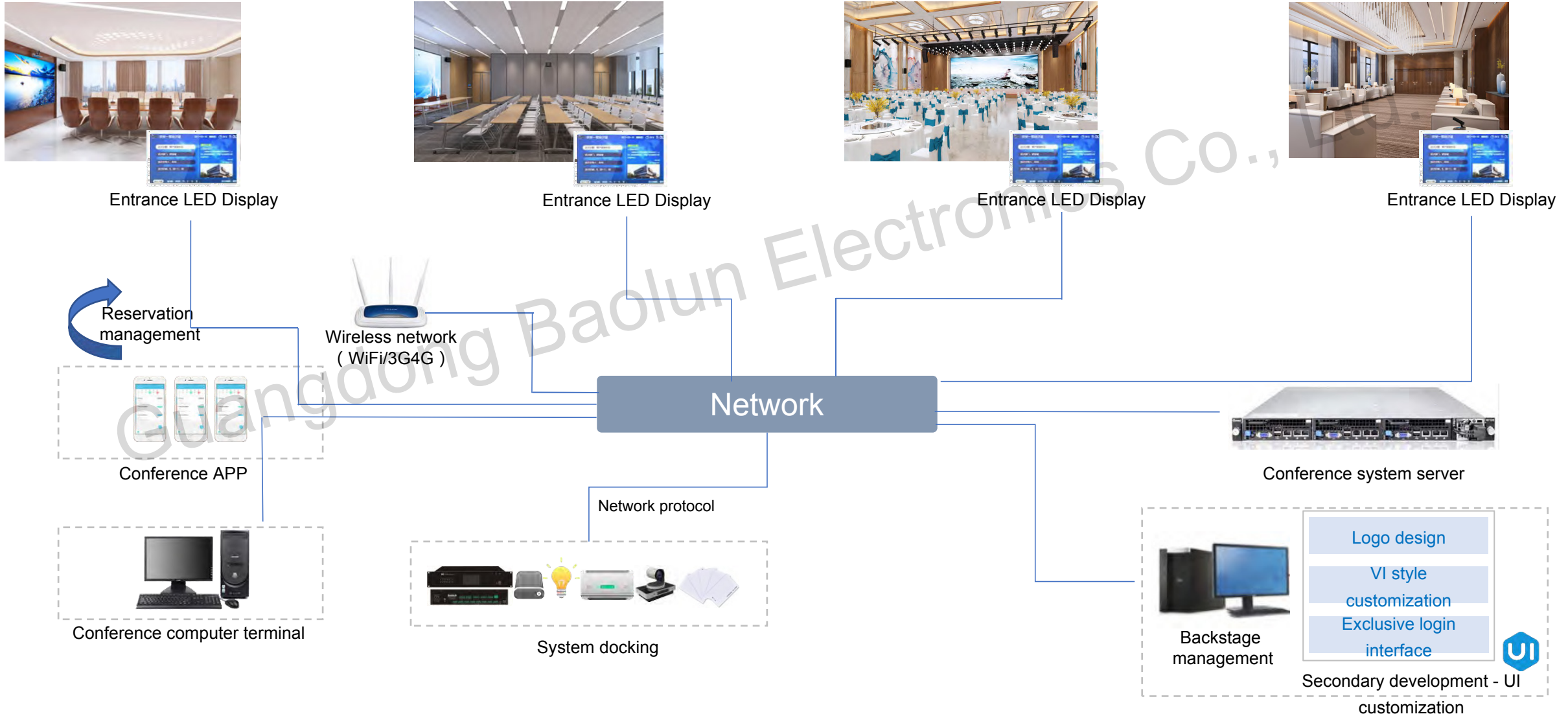
Lack of unified management scheduling and order

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# Video conference management platform-System structure

Through the mobile APP or web terminal, it can help employees to complete the entire process of conference affairs efficiently, help enterprises **improve resource utilization**, and improve office efficiency.

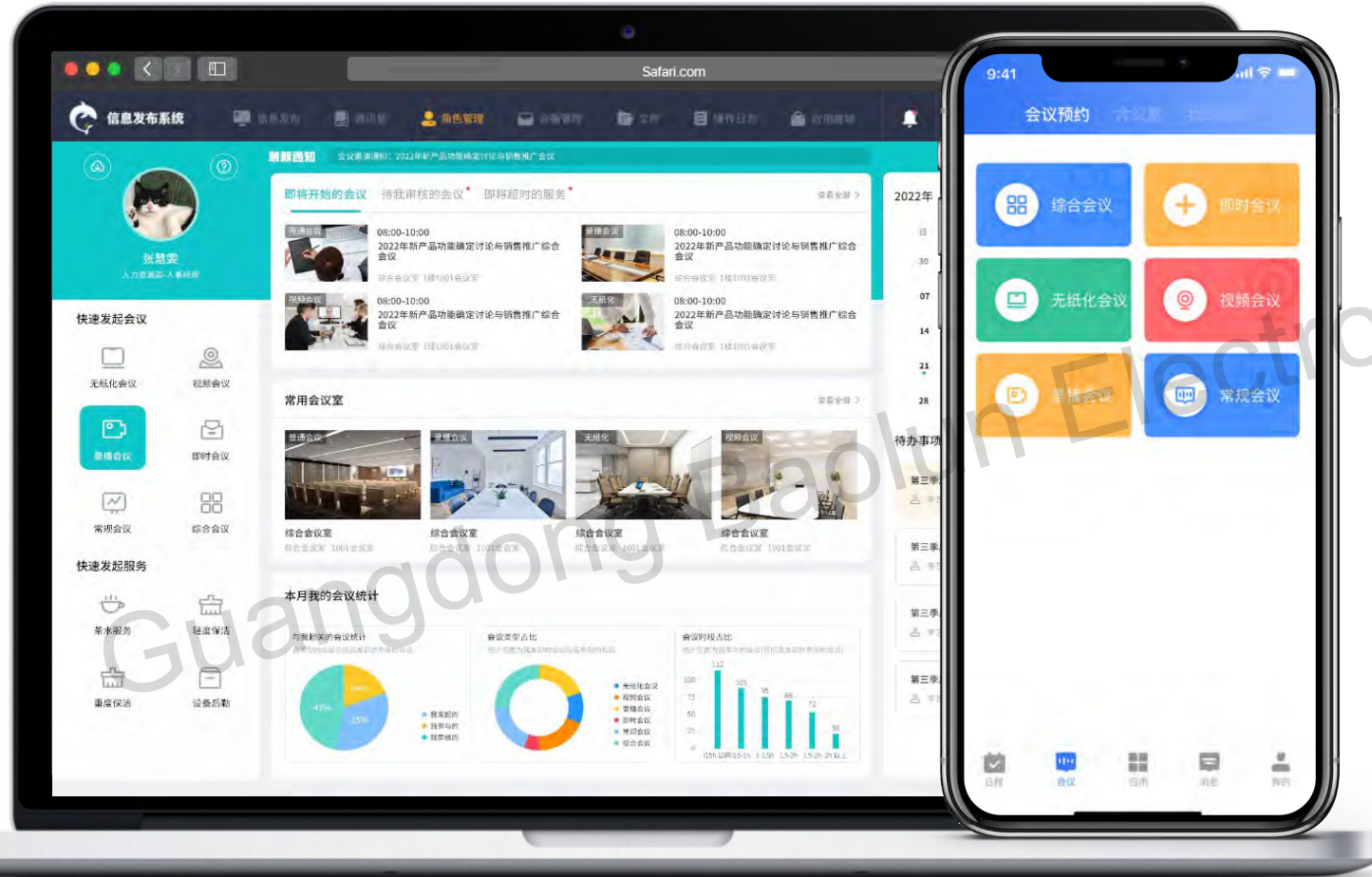






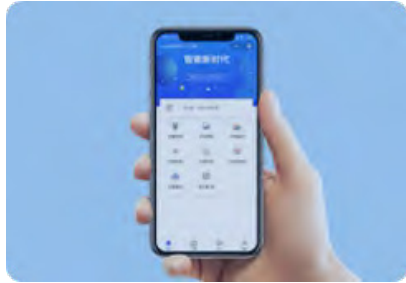
# Video conference management platform- Conference room reservation

Through the web terminal and APP, the comprehensive control of **conference management, IoT intelligent control, operation and maintenance management** and other systems can be realized, and one-stop processing of office needs can be realized, and a smart conference comprehensive management platform can be created, so that people with different roles can log in to the system to handle daily work.



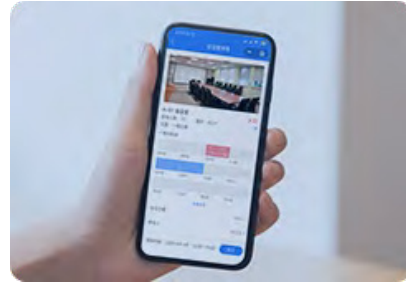


# Video conference management platform- Reservation process (Internal Staff)



## Meeting Room Reservation

Select the corresponding meeting room and time to book



## Message reminder

After successful reservation, meeting reminder will be sent to notify all participants of the meeting time and place



## Meeting information release

Reservation information, reservation time and meeting status are displayed on the conference display screen



## Device linkage before the meeting

The lights and air conditioner are automatically turned on 5 minutes before the meeting, and the door of the meeting room can be opened to prepare for the meeting in advance



## Conference Statistics

Average meeting time, meeting room vacancy rate, total number of meetings, meeting peak analysis or view meeting room reservations



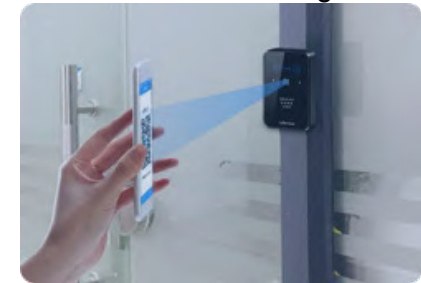
## Automatically released after the meeting

Human body sensor monitoring, automatically turn off the device when there is no one in the meeting room, release meeting space



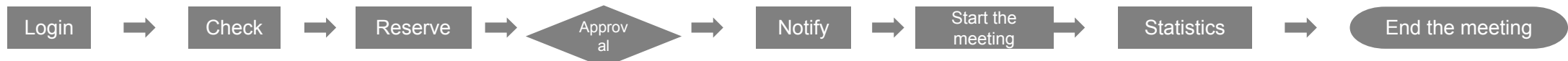
## Conference control panel

The conference panel controls the conference equipment and supports the adjustment of air conditioners, curtains, lights, scene modes, etc.



## Authorization to enter

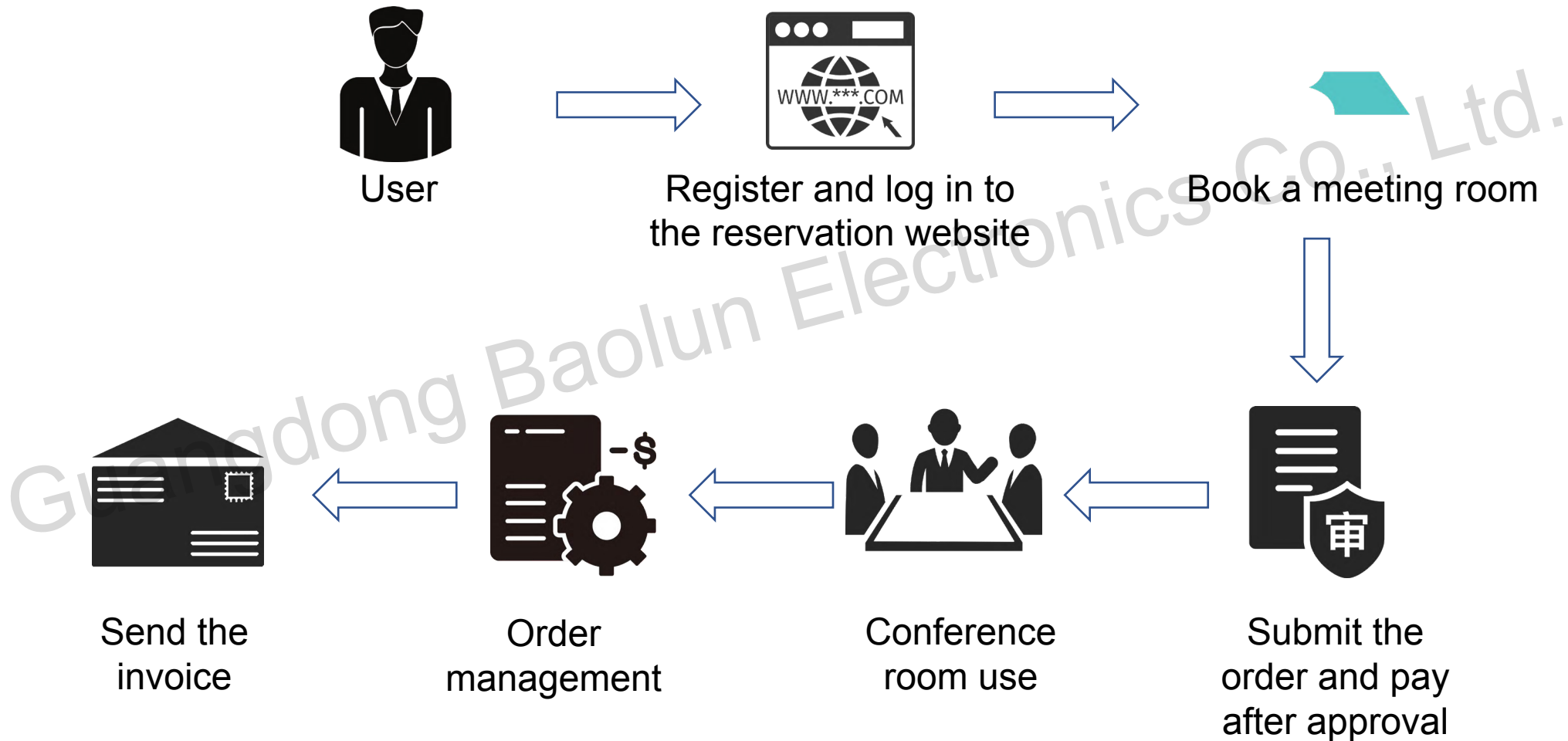
Scan the code to open the door at the beginning of the meeting with the reservation QR code





# Video conference management platform- Reservation process (External Staff)

In order to meet the needs of the hotel business, it can be divided into charging versions for internal use + external use







# Video conference management platform- Meeting room reservation display



For customers, book hotel conference rooms online directly through the Internet; support charging through leasing; support mobile APP reservations/WEB reservations and other ways





### 18层中等会议室

位置：祈福新邨大楼  
地址：18

---

营业时间：8:00 - 10:00  
营业日期：全年无休

---

会场尺寸：20m\*15m\*5m  
会场情况：矩形 有柱 有窗 可拆分

---

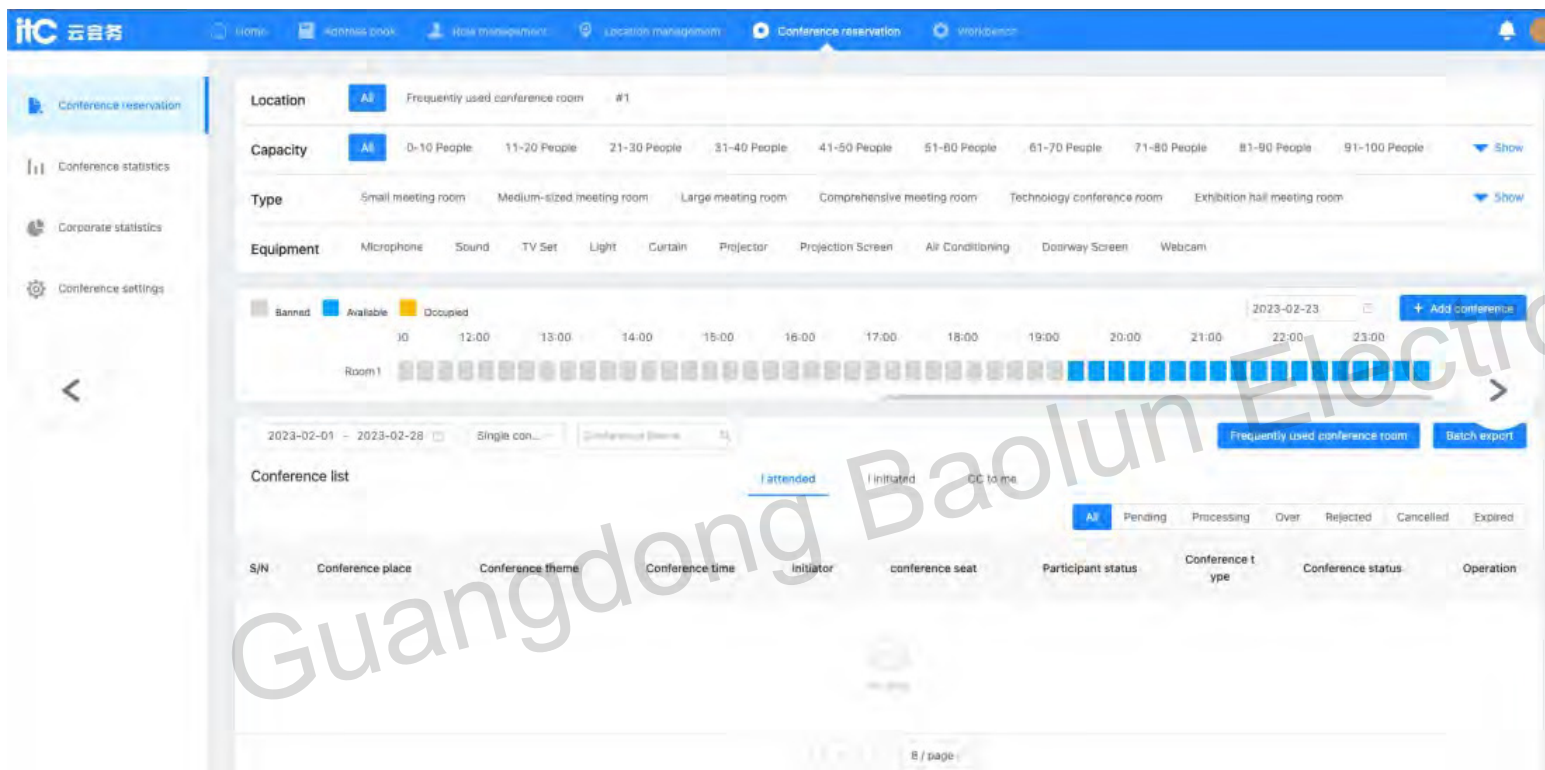
会场面积：300 M<sup>2</sup>  
最多容纳：150 人

价格: **¥6000**/天

投影仪 幕布 话筒 电脑 音响 WIFI 空调



# Video conference management platform-Joint inspection, patrol inspection



The inspection function of the smart conference management system supports custom **manual inspection** plans, regularly assigns personnel to implement equipment inspections according to the process, and makes the inspection process **more process-oriented and standardized**;

Smart meeting management through the IoT, through the formulation of an **automatic joint inspection plan**, the equipment can be **independently and automatically detected** on time, and the fault situation can be reported, manpower is liberated, and inspection efficiency is improved;





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# 4.2 Information Release Ssystem



# Information release system - pain point analysis

Publish the hotel's service items through the multimedia information release system, and use the advantages of mobile guest resources to introduce the hotel's various consumer entertainment and service guides.

How to release information in real time?

Through the multimedia information release system, cooperate with merchants to release information, such as merchant information, preferential activities for shopping and tourist attractions, etc., to achieve a win-win situation for hotels and merchants.

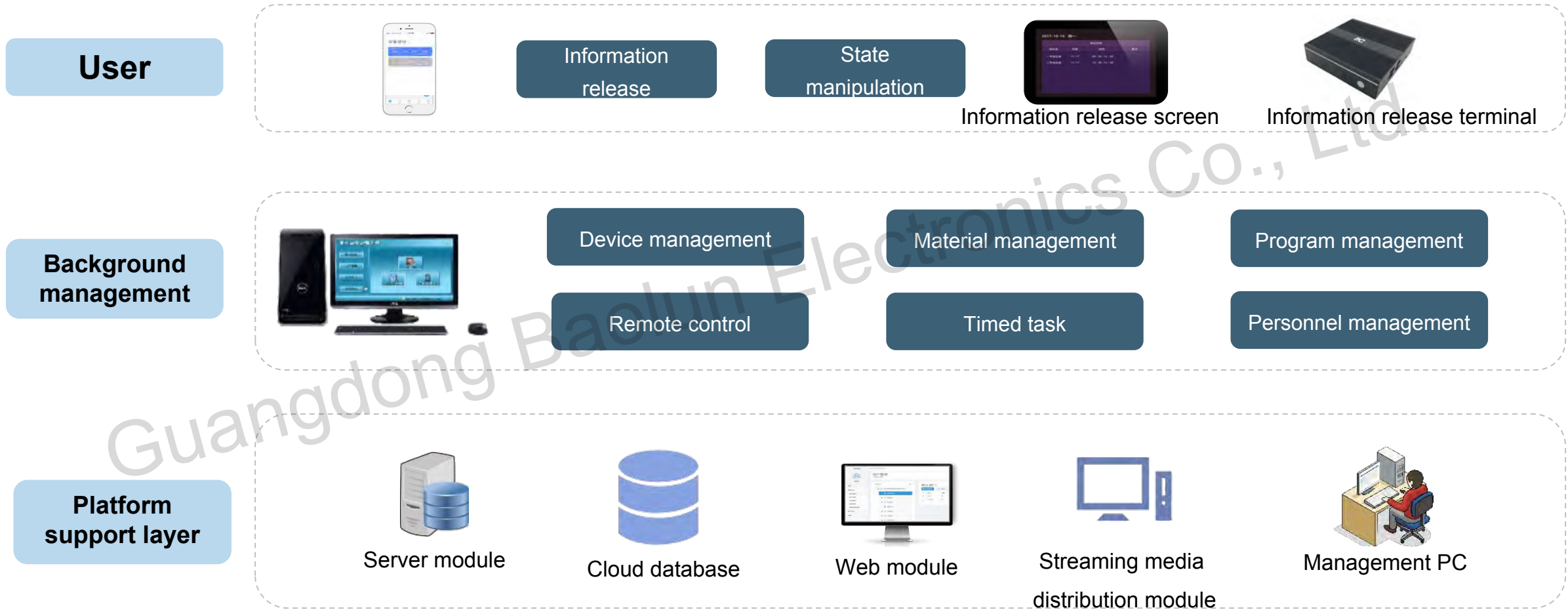
How to create new value-added points?

Image promotion is the most effective value-added application. More and more hotels enhance their brand and competitiveness through rich multimedia releases and display promotion forms.

How to enhance the brand and competitiveness of the hotel?



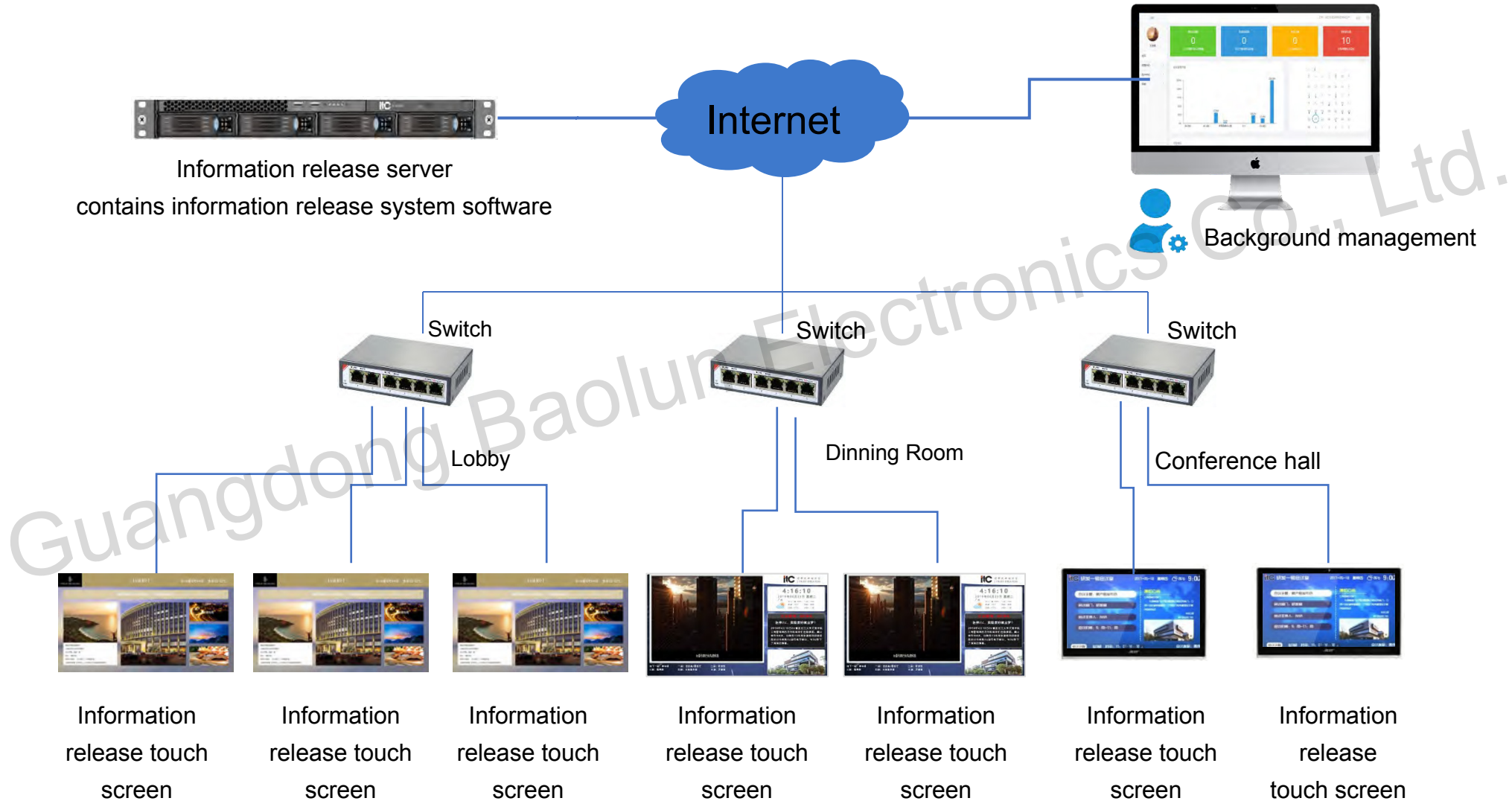
# Information Release System-Platform Architecture







# Information Release System-System Architecture

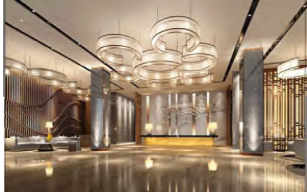




# Information Release System-Functional Application



## Hotel entrance



Service Guide  
Surrounding Environment Guide  
Weather forecast  
Flight information  
Exchange rate

## Hotel reception



Exchange rate plate  
Room price  
Room status  
Hotel promotion  
Promotional video

## Hotel lobby



Consumption recommendation  
Promotional video

## Elevator hall



Line guidance  
Event announcement  
Hotel promotion  
Promotional video

## Restaurant



Consumption recommendation  
Promotional video

## Bar



Consumption recommendation  
Promotional video  
News live  
Sports live  
Entertainment Live

## Meeting room



Meeting status  
Meeting theme  
Promotional video  
Hotel promotion

## Function Room



Line guidance  
Meeting status  
Meeting theme  
Promotional video  
Hotel promotion

## Banquet hall



Event announcement  
Meeting status  
Meeting theme  
Promotional video  
Hotel promotion  
Line guidance

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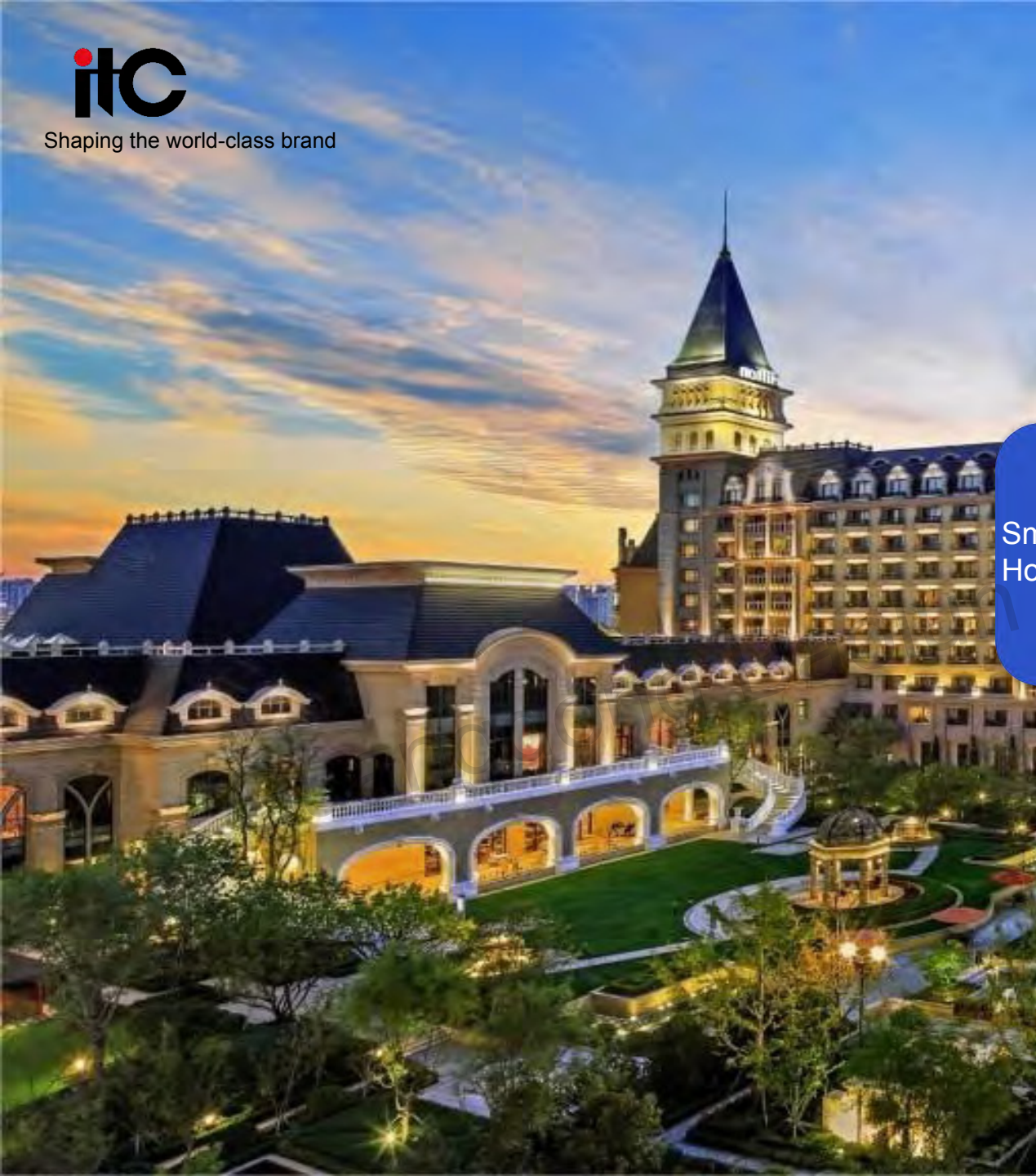


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# 4.3 Visual Management System

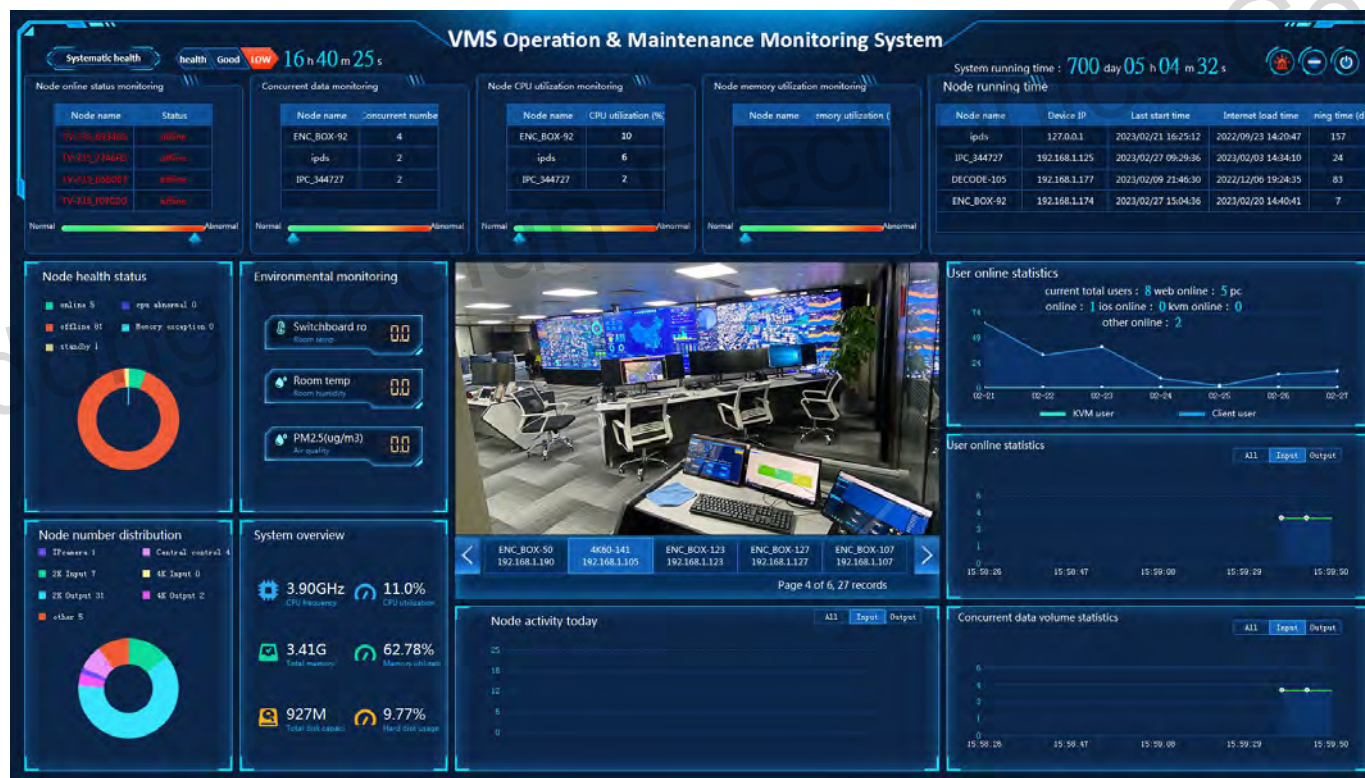




# Visual Management System- System introduction

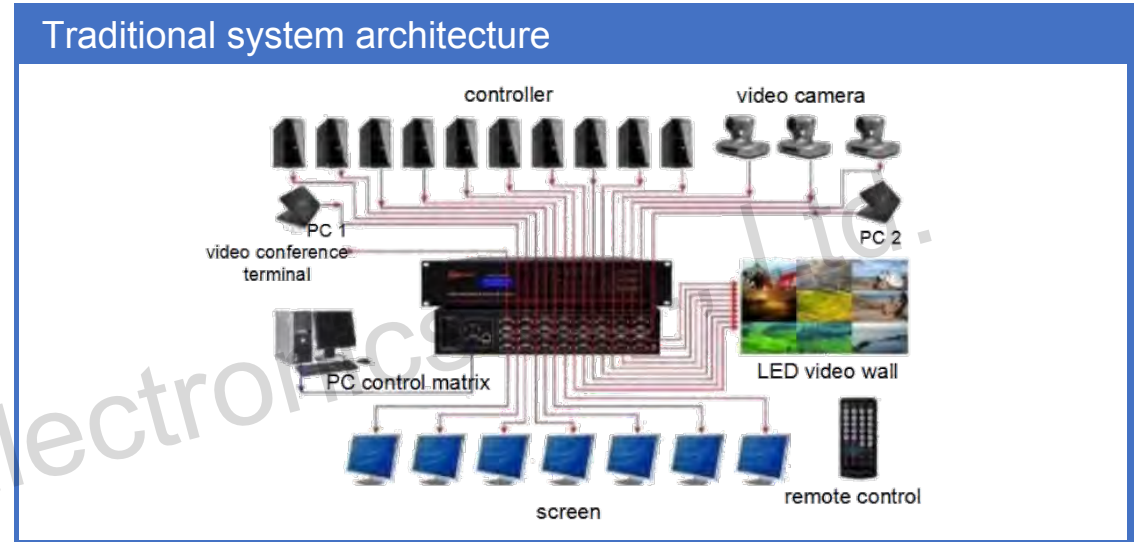
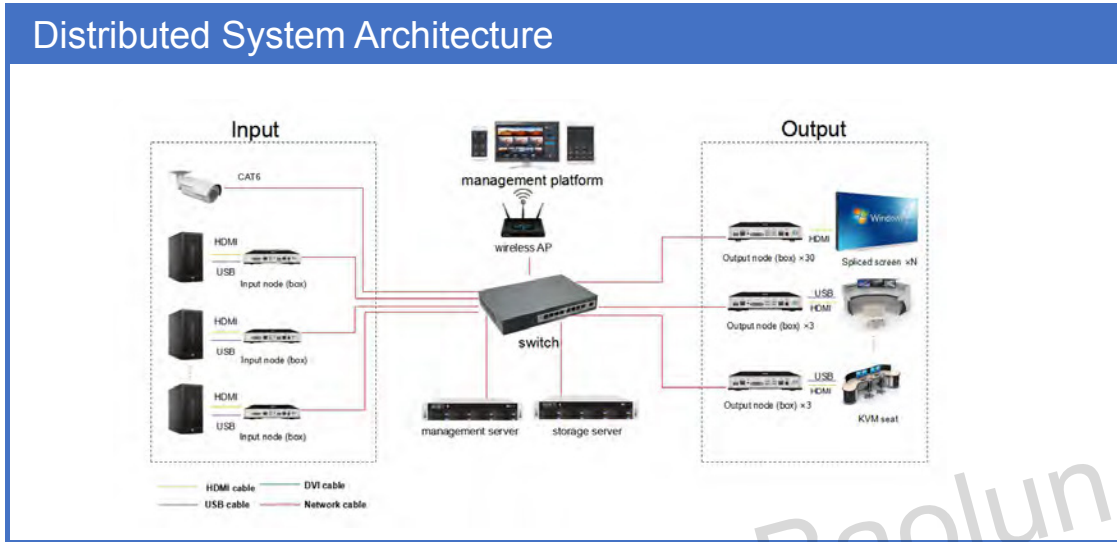


**System overview:** The Visual Management System is a system based on TCP/IP protocol transmission, which is composed of various nodes and deployed in a distributed manner. It mainly integrates the comprehensive business processing functions of audio management, video management, and environmental management. It can centralize the audio and video equipment in all conference rooms for management on one management and control platform, and has a visual operation interface, which is more intuitive and concise. Support diversified management and control methods, PC terminal and mobile terminal.

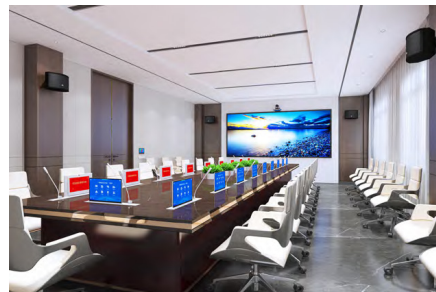




# Visual Management System - System advantage



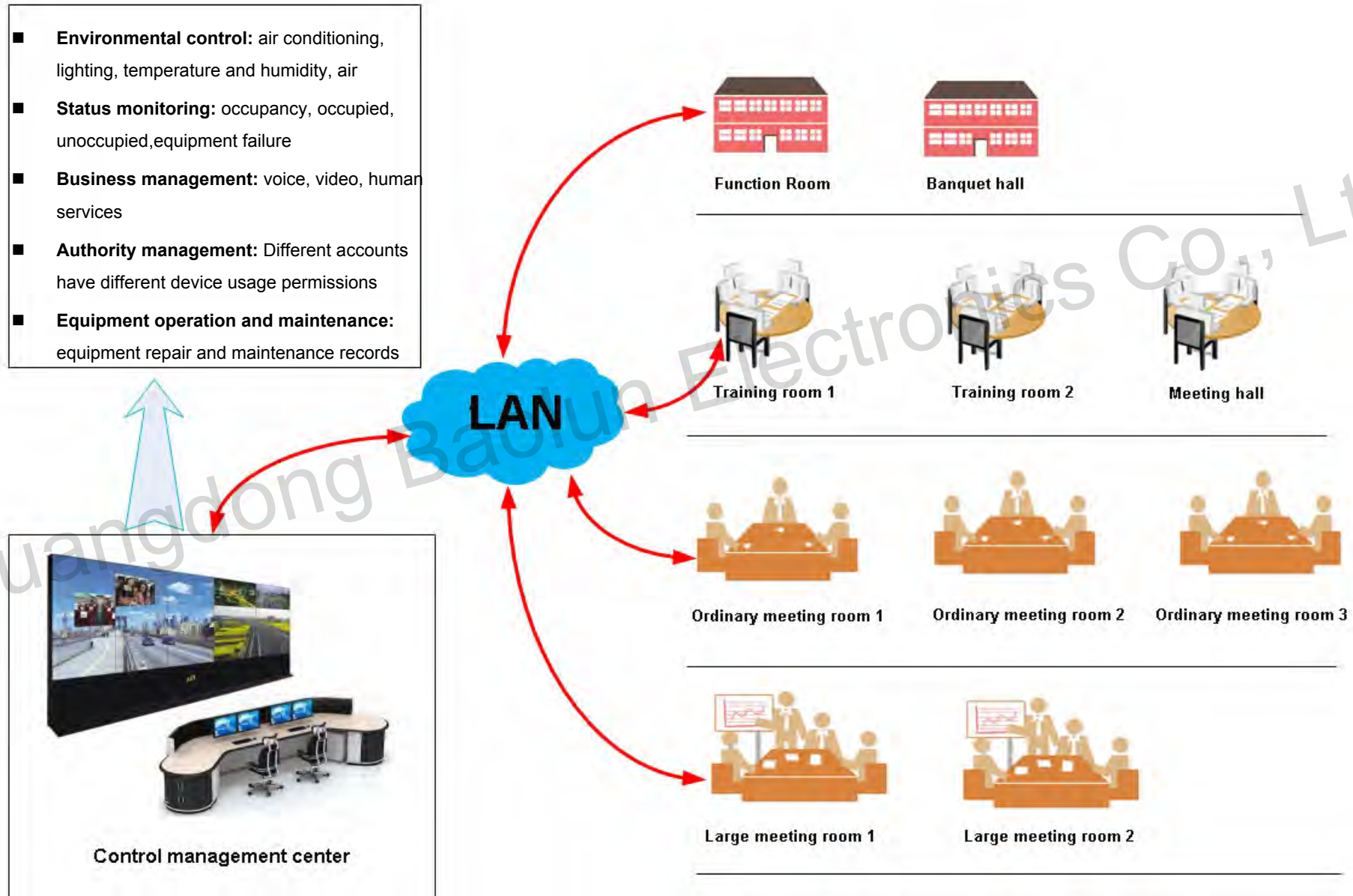
pk



Distributed node signal processing is used to avoid cumbersome wiring and facilitate later maintenance and upgrades!



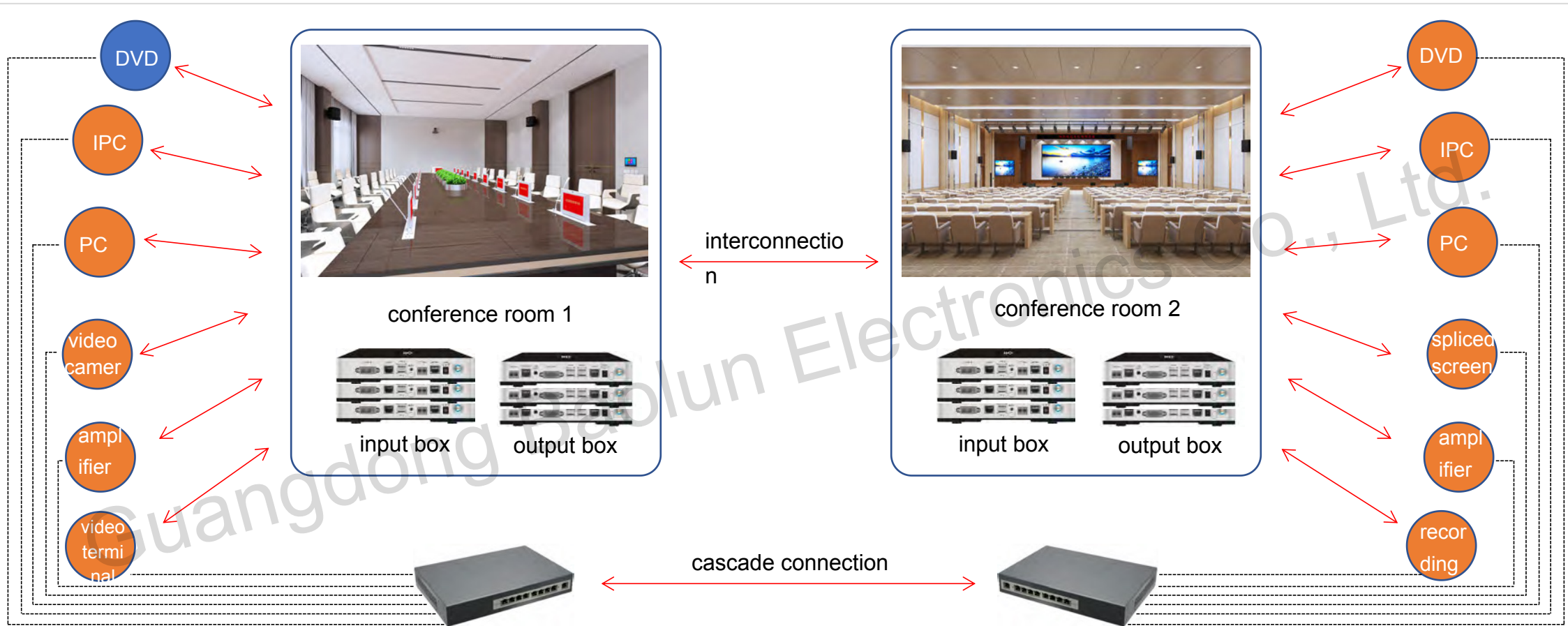
# Visual Management System-System transmission link



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# Visual Management System-System interconnection



Each conference room is equipped with multiple input boxes and output boxes; the input/output boxes are selected according to the on-site situations, and the input box and output box signals are interconnected. In addition, professional sound system and display screens are adopted in the control center to centrally show signals and realize signal control. The signals of the input box and output box of each meeting room can be interconnected. It can be applied to interactive video conferencing within the LAN.



# Visual Management System-Functional application



Video image processing-Visual management, signal classification

1 Support signal classification and sorting, and can quickly switch to the selected signal source

2 Support real-time monitoring of the displayed control area and pushing it to the LED display

3 Support real-time preview in the signal source window of the picture sent by distributed input nodes or IP cameras







# Visual Management System-Functional application



Video image processing-Mosaic display, cross-screen roaming, zoom in/out, screen overlay, split screen, picture in picture, window layout



mosaic display



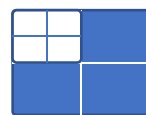
cross-screen roaming



zoom in/out



screen overlay



split screen



picture in picture

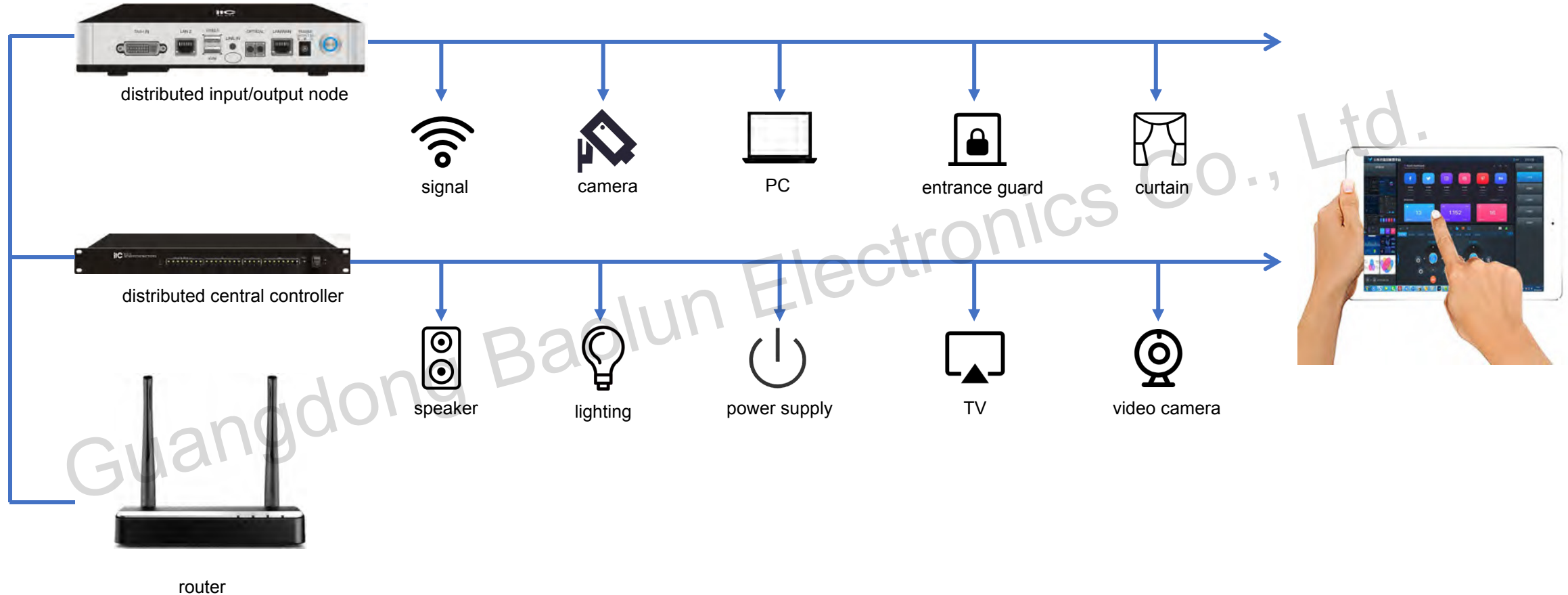


window layout



# Visual Management System-Functional application

## Central control and management function-Environment and equipment control



The distributed central control system conducts deployment through the network, and manages multiple conference rooms individually or uniformly through the management platform.

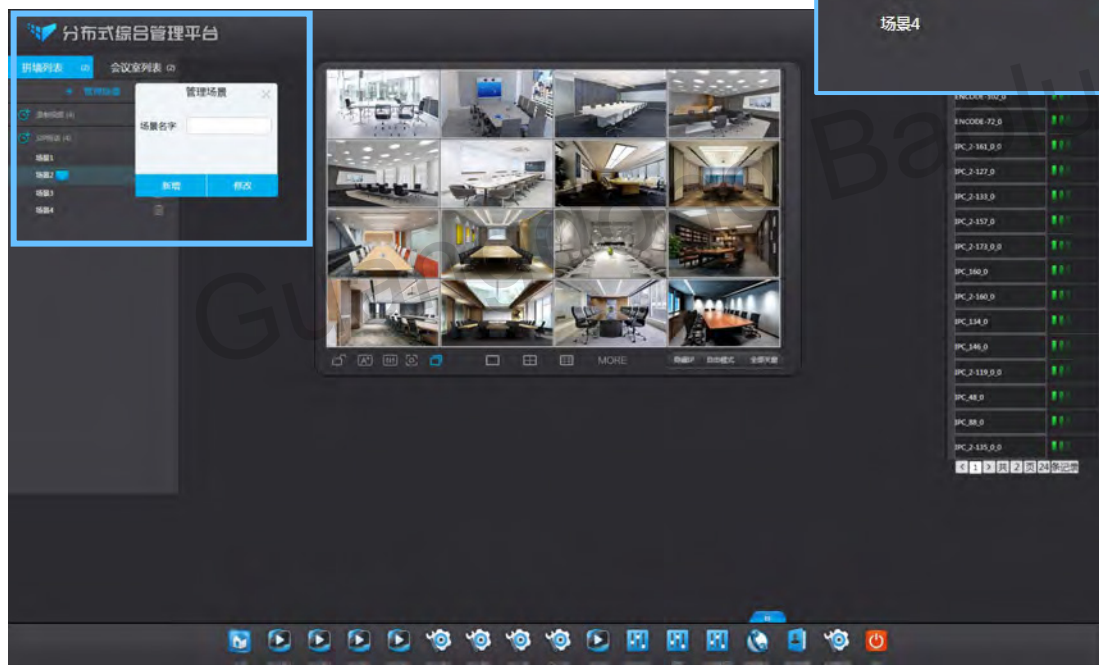
It can control the power supply, camera, lighting, air-conditioner, electric curtain and the signal switching, etc. The local devices can be managed through the web or APP.



# Visual Management System-Functional application



Central control and management function-Mode setting



Scene 1

Scene 3

Scene 2

Scene N

- Support customized editing and storage of different scenes, support display of plan setting, storage, and invocation; support one-key invocation of audio, video, and control signal scenes; support customized scene switching effects and names, etc.
- Short response time of scene switching, ultra-low latency, extremely smooth picture, instant window operation response.
- Support scene lock screen function.

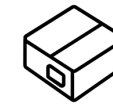
Mode setting



# Visual Management System-Functional application



System status statistics-System status data displayed in graph form



input/output box



video camera



hard disk



chart



central control equipment



conference room



spliced wall



scene



user



server



Support the display in chart of system state data; support real-time statistics and display in chart of the number of online and offline input boxes/output boxes/cameras/central control equipment, the number of conference rooms/spliced walls/scenes/users, the state of system memory, CPU, and hard disk, etc.



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# 4.4 Digital PA System

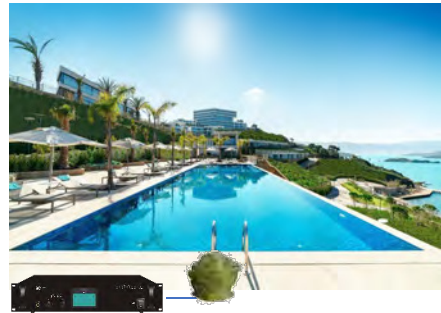


# Digital PA System-Front-end design



**Hotel lobby**

Wall mounted terminal/ Ceiling speaker



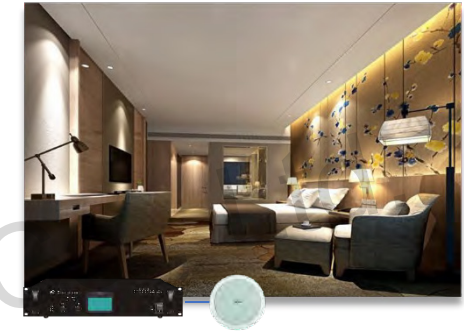
**Hotel hot springs**

Cabinet terminal + speaker



**Hotel parking lot**

Cabinet terminal + wall-mounted speaker



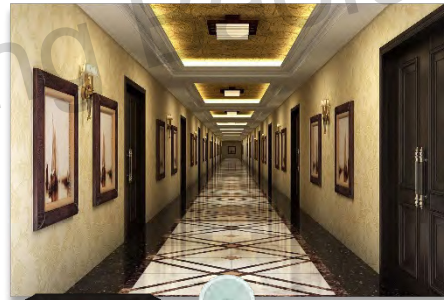
**Hotel room**

Wall-mounted terminal+ ceiling speaker



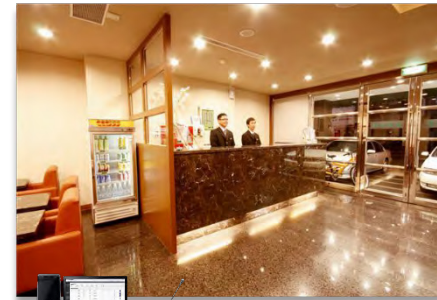
**Hotel bar**

Wall mounted terminal + speaker



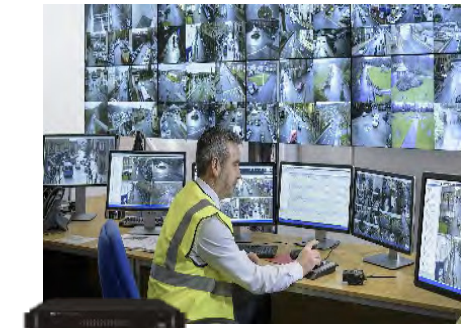
**Hotel corridor**

Cabinet terminal + speaker



**Hotel reception**

Sub-control terminal + sub-control microphone



**Third-party integration  
(fire / monitoring)**

Short-circuit interface

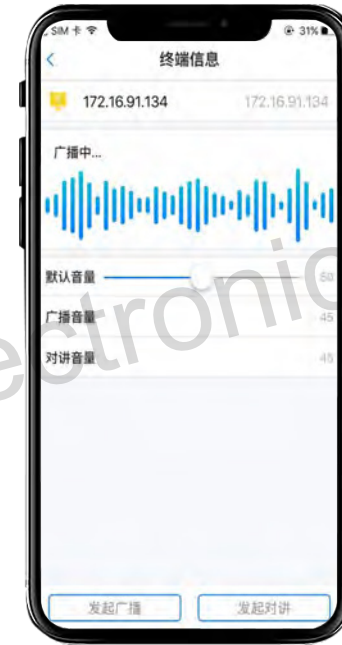
✓ All kinds of front-end equipment can meet the full coverage of business broadcasts such as broadcasting in all public areas of star-rated hotels, multi-source broadcasting in rooms, and sub-control of hotel reception.



# Digital PA System - Background music



- ✓ Terminals such as computers, smart phones, and tablets do not need to install any user programs, and log in to the system through a browser
- ✓ Fully support **seven major operating system platforms including Android, IOS, OSX, Chro, meOS, Linux, Windows, and WP.**
- ✓ Log in to use, **without installation.**



## Live broadcast

Real-time playback of program library files in all-zone mode and separate zone mode



## Playlist management

Set the relevant information of the song playback

## Real-time intercom

Initiate intercom to the specified terminal in real time



# Digital PA System-Greeting service



- Entering the lobby, you can enjoy the hotel's features: the relaxed and comfortable music atmosphere can better enhance the hotel's image.
- Through the face recognition of the monitoring system, the exclusive voice guidance "Welcome to xx International Hotel".





# Digital PA System-Check-in experience



## Smart hotel room

- When you open the door and enter the room, the preset "welcome background music" will sound slowly.
- If you check in on your birthday, when you enter the room, the birthday song prepared by the hotel will be played.



- In the morning, at 7:30, light music (preset alarm clock, playing background music at regular intervals) sounds slowly;
- While washing, the weather forecast will remind you of today's weather conditions.



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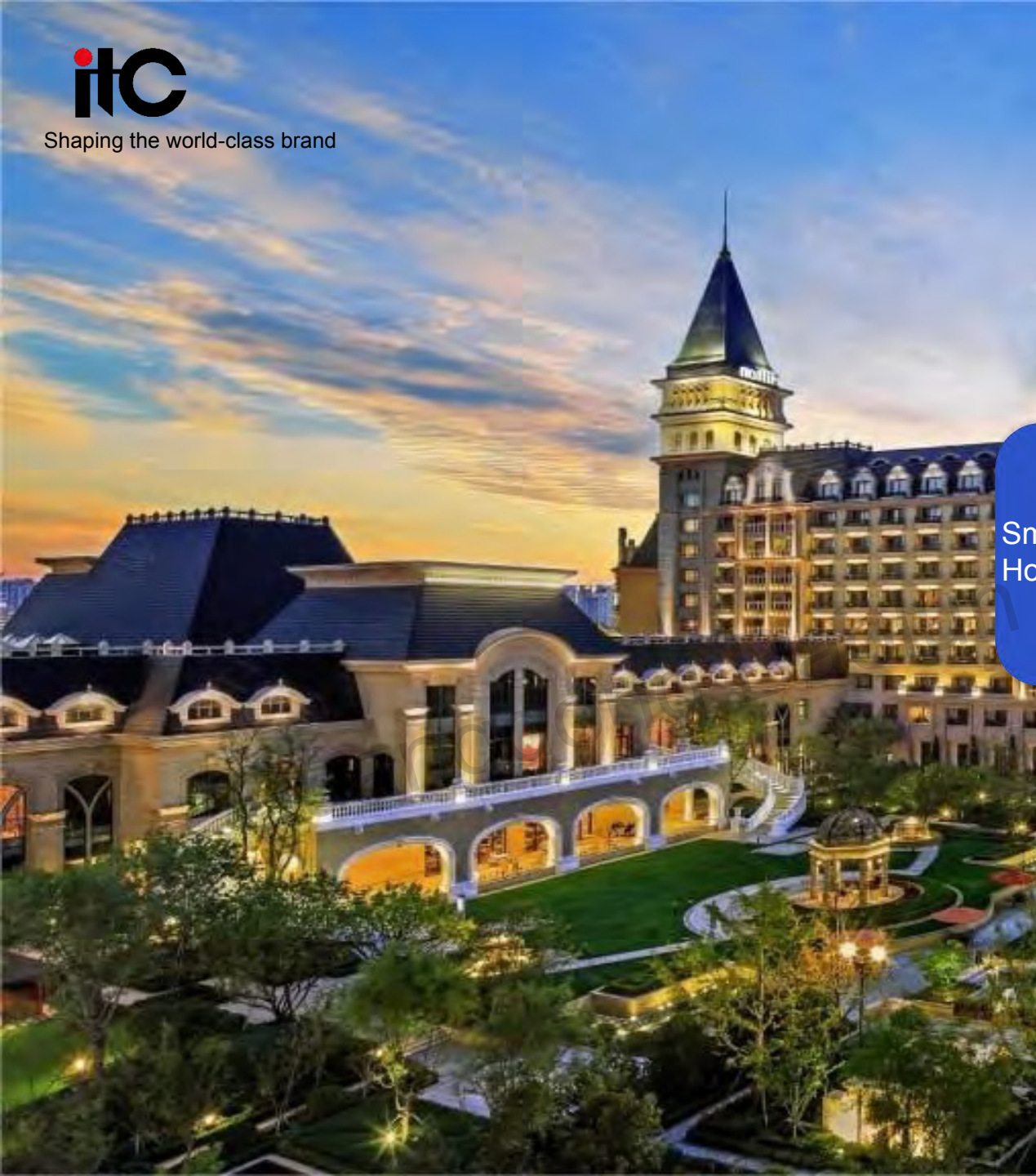


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# 4.5 Landscape Lighting System





# Landscape lighting system



In the innovation and breakthrough of science and technology, "light and shadow" came to the stage. We use lights to inform the world of the prosperity and progress of a city at night, we use lights to add a variety of tourist hotspots to different regions, and we use lights to interpret a new urban cultural business card for a place.





# Landscape lighting system-Platform architecture



Its Cultural Tourism Lighting and Lighting  
Factory is located in Shiji Town, Panyu District,  
Guangzhou City, covering an area of 20,000  
square meters. It adopts a complete set of  
automatic production equipment, professional  
testing equipment and customized production  
equipment.





# Landscape lighting system- Basic fixtures: point, line, surface



### Free collocation

Accessories can be added freely



### Independent R&D

Independent mold production



### Safety guarantee

Built-in constant current driver



### Structure waterproof

Integrated structure design



### Professional technology

Imported high light efficiency chip



### Dedicated protection

Outdoor lightning protection and static electricity





# Landscape lighting system-Scheme communication



## Warm Color



## Cool Color





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## 4.6 AV solutions for various places





# Banquet hall AV solution-System design



**Functional positioning:** The banquet hall is mainly used for wedding celebration, company annual dinner, large gatherings, lectures, reports, press conference, product displays, small and medium-sized cultural performances, ball and other activities.



Professional sound system

Adopt professional linear array speakers to meet the multi-functional sound reinforcement of conferences, performances, etc.



5GWIFI digital conference system

Using 5G frequency band, super anti-interference ability, hi-fi pickup, camera tracking, and multiple conference mode switching.



Stage lighting system

Conference mode and entertainment mode can be switched freely. With the sound system, it can create a perfect audiovisual and lighting system.



LED display

Indoor fine-pitch LED large screen, HD auxiliary display, combined with splicing matrix system, 4K ultra-HD display



HD recording system

Online live broadcast, VOD, recording, sharing beautiful moments.



Distributed central control system

Centralized management of smart equipment, free switching of multi-scenario modes, interconnection and mutual control of smart equipment in multiple venues



Distributed system

Composed of various nodes, distributed deployment, integrated business processing functions of audio management, video management, and environmental management





# Multifunctional hall AV solution-System design



**Functional positioning:**The multi-purpose hall is mainly used as a multi-purpose venue. It is used not only for meeting small and medium-sized cultural performances, but also for some report meetings, press conferences, important lectures, and company year-end summary meetings.



## Professional sound system

Adopt professional linear array speakers to meet the multi-functional sound reinforcement of conferences and performing arts, and reach the national first-class hall sound pressure level standard



## 5GWiFi digital conference system

Using 5G frequency band, super anti-interference ability, hi-fi pickup, camera tracking, and multiple conference mode switching.



## Simultaneous interpretation system

Convenient for various Chinese and foreign guests to communicate and share.



## Stage lighting system

Conference mode and entertainment mode can be switched freely. With the sound system, it can create a perfect audiovisual and lighting system.



## LED display

Indoor fine-pitch LED large screen, HD auxiliary display, combined with splicing matrix system, 4K ultra-HD display



## HD recording system

Online live broadcast, VOD, recording, sharing beautiful moments.



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Centralized management of smart equipment, free switching of multi-scenario modes, interconnection and mutual control of smart equipment in multiple venues.



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Composed of various nodes, distributed deployment, integrated business processing functions of audio management, video management, and environmental management

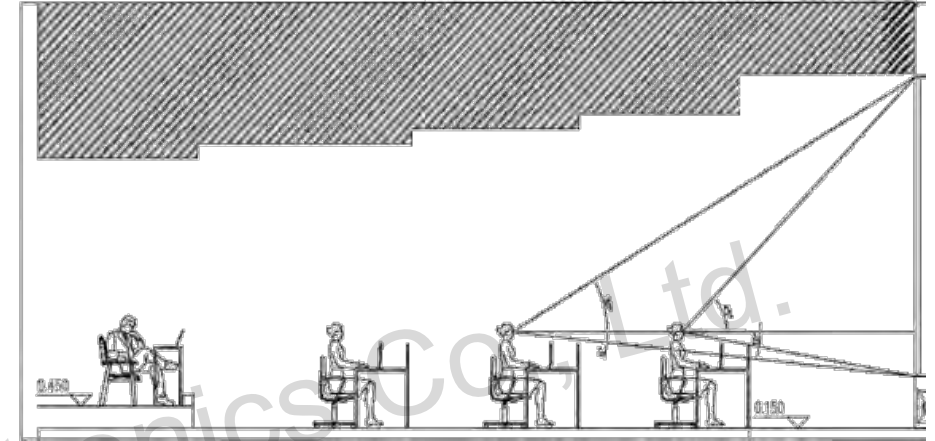
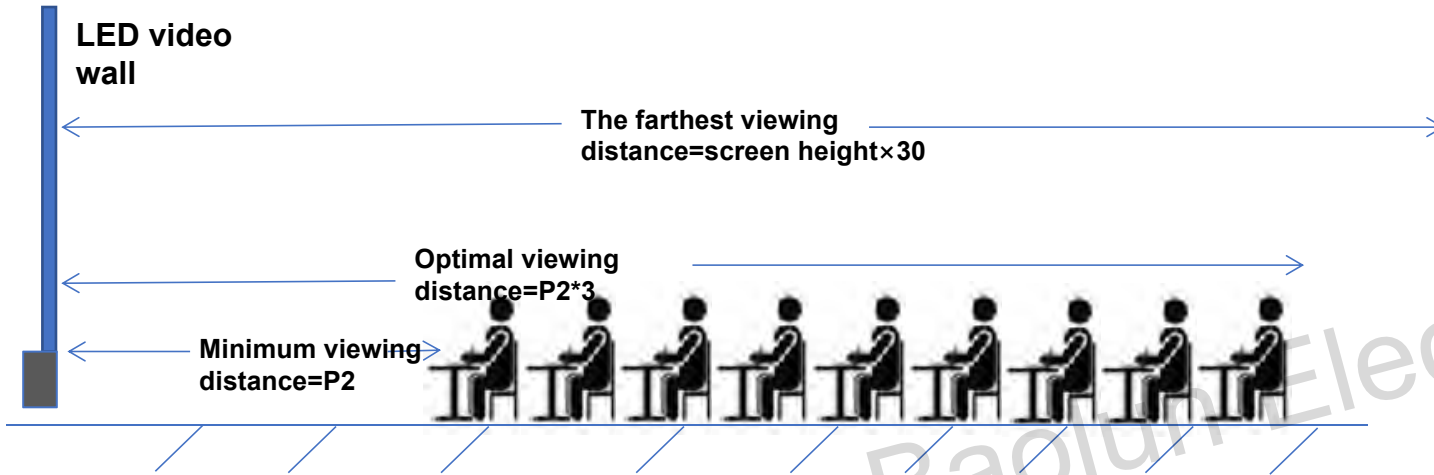


## Remote video system

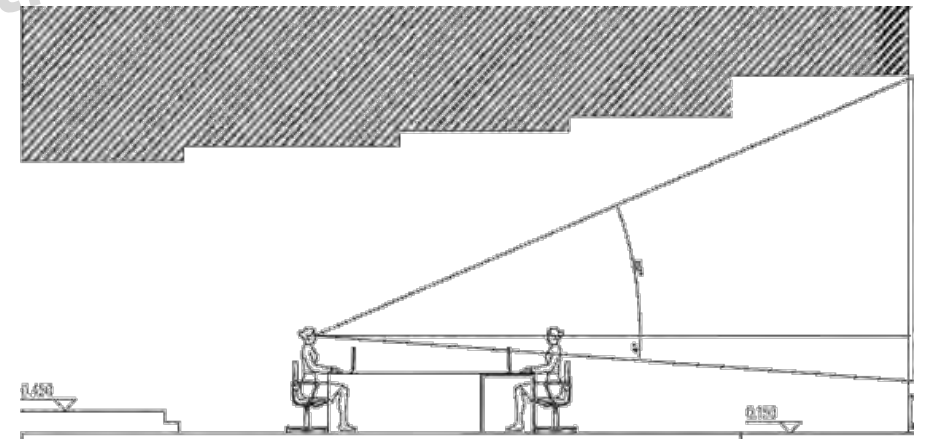
Hold meetings anytime, anywhere, multi-level deployment, multi-level control, convenient and efficient.



# LED Display System - Design Analysis



Side view vertical view of LED display



Median vertical viewing angle of LED display

- The minimum viewing distance is the closest viewing distance that is acceptable. The estimation method is:  $P \text{ value} \times 1000\text{mm}$  ;
- The optimal viewing distance, that is, the distance where the human eye cannot see the graininess of the screen, estimation method:  $P \text{ value} \times 3000\text{mm}$  ;
- The farthest viewing distance is the farthest distance from which the screen can be viewed normally. Estimation method:  $\text{screen height} \times 30 \text{ times}$  ;
- The LED video wall is a display system composed of LED lamp beads arranged one by one. Based on this feature, it is necessary to select the specification model according to the minimum viewing distance from the screen (that is, the minimum viewing distance  $L_{\min}=P \text{ value} \times 1000$ );

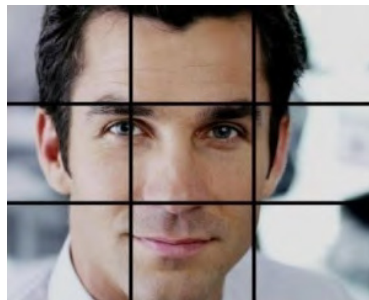
Considering the layer height of the scene, it can be seen from the vertical viewing angle diagram that, the elevation angle is **within  $30^\circ$**  and the depression angle is **within  $15^\circ$**  from the nearest to the farthest viewing point during work, that is, the height meets the best viewing requirements.

## Seamless HD, perfect display

Eliminate the stitching of viewing angles and enjoy a super large and complete display screen;  
Pure black and pure white background color, displaying beautiful colors and clear layers of pictures;  
High-precision correction system to make the screen bright and uniform;



LED video wall



LCD splicing

## Arbitrary angle, wide viewing angle

Ultra-wide viewing angle, 160°~170° up, down, left, and right viewing areas, no dead angle, no color cast, the image is always perfect and seamless, and the display coverage is larger.



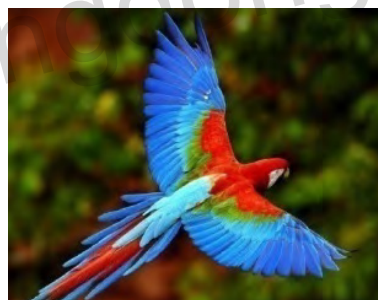
LED video wall  
(Wide viewing angle, complete picture without color cast)



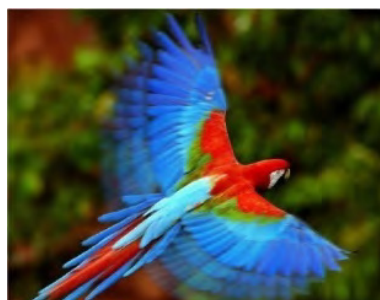
Traditional DLP, LCD  
(Small viewing angle, picture distortion and color cast)

## Fast frame change

Nanoscale display technology is adopted to shorten the frame-changing time of the LED display screen to an extremely short time, eliminating the tailing and ghost superposition phenomenon that occur when liquid crystals and projections process fast dynamic images;



LED video wall  
(no ghosting and no smearing)



Projection, LCD  
(Ghosting, smearing)

## Low brightness and high gray lossless technology

Both high-brightness and low-brightness have high grayscale expressiveness, which solves the technical problem of loss of grayscale in brightness adjustment in the industry.



Fine pitch LED video wall  
(clear dark level)



Traditional screen  
(unclear dark part level)



# Stage Lighting System - Design Basis



## Design requirements:

- The stage lighting system design of the banquet hall and multi-function hall is configured in accordance with the rules of stage art performances and special use requirements. The purpose is to design and configure the lighting technology equipment required for various performing arts reproduction processes according to system engineering, making the stage lighting system serve the art display accurately and satisfactorily.
- Create a complete stage lighting free space to meet all lighting requirements;
- Appropriately increase reserves and expansion space;
- Take the anti-interference ability and safety of the system as important design indicators;
- New high-efficiency and energy-saving cold light lamps are introduced into the system design;
- DMX512 digital signal network technology is introduced into every aspect of system design.

## Design specifications:

### Illuminance index

The average illuminance on the stage is not less than **1200LUX**, relative to any position in the performance area, there are no less than three directions of light, and the maximum white illuminance (single light effect) of each direction is not less than 1000 lux; the maximum white light intensity in the main performance area is greater than 1500LUX.

### Color temperature

Conventional light 3200K, follow spot light 6000K.

### Projection position

Each performance position has light projected from at least four directions, forming a three-dimensional lighting effect, preventing glare, reflected light and useless light spots.

### Dimming cabinet anti-interference index

It is higher than the first-class machine standard stipulated in the national standard "Limits and Measurement Methods of Radio Disturbance Characteristics of Electronic Dimming Equipment", and the rise time is not less than 400us.



# Stage Lighting System - System Advantage

## ① Energy saving

Under the same light effect, traditional stage lights of several kilowatts can be replaced by LED stage lights of several hundred watts.



## ② Adjustable brightness

The brightness of the lamp can be easily adjusted through the console to meet different usage scenarios

## ③ Long lifespan

The lifespan of traditional tungsten halogen lamps is only a few thousand hours at most, while the lifespan of LED stage lights can be as long as tens of thousands of hours.



## ④ Faster response

The response time of tungsten halogen lamps is in milliseconds, while the response time of LED lamps is in nanoseconds.



## ⑤ Strong compatibility

Support 220V transfer to 110V, and 3-channel DMX512 line control dimming.

## ⑥ Convenient installation

Small in size, easy to install and transport, convenient for mobile performances.

# Professional Sound System - Design Basis

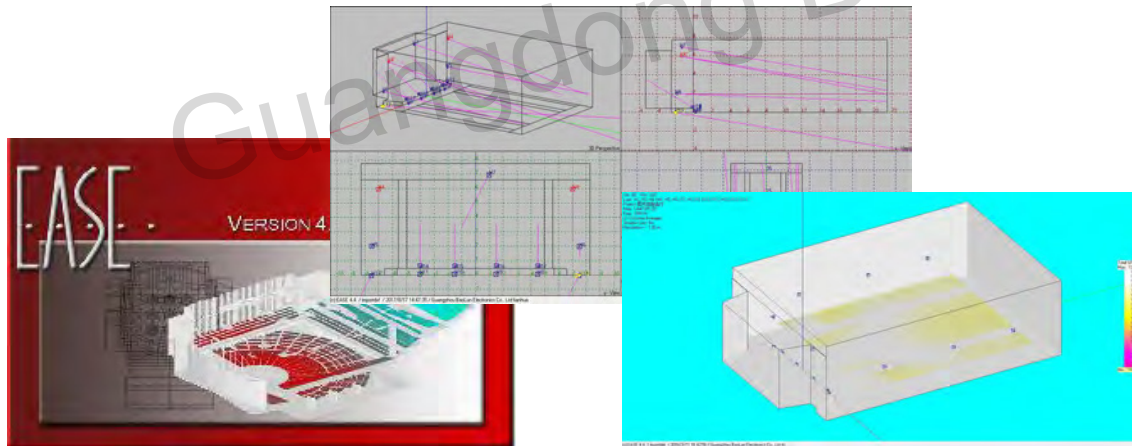
## Acoustic indicators:

In order to make the design objectives measurable, based on the "Indices of acoustic characteristics for sound reinforcement system in halls and rooms" (GYJ25-86), we believe that the design indicators determined for the Professional Sound System in this hall should adopt the national "Acoustic Characteristic Indicators for Simultaneous Use of Language and Music - Level 1". The venue sound field will have the following effects:

## Speech clarity:

Speech intelligibility is one of the most important design indicators for conference room sound reinforcement design. It is related to whether the audience can hear the speech clearly. The speech intelligibility design goal of the banquet hall and multi-function hall is "excellent" evaluation level .

Level	Maximum sound pressure level (peak)	Transmission frequency features	Acoustic gain	Stable sound field unevenness	System noise level
Level 1	≥103dB within the rated passband	The average sound pressure level of 100Hz~6.3kHz is 0dB, and the allowable range in this frequency band is: 4dB~4dB	The average value of 125Hz~6.3kHz ≥-8dB	≤6dB at 1KHz: ≤+8dB at 4kHz	NR-20
Level 2	≥98dB within the rated passband	The average sound pressure level of 125Hz~4kHz is 0dB, and the allowable range in this frequency band: -4dB~+4dB	The average value of 125Hz~4kHz ≥-10dB	≤+8dB at 1kHz, 4kHz	NR-20
Early and late sound energy ratio (dB)	The average value of 1/1 octave band analysis within 500Hz~2kHz+3dB (optional)				



Subjective evaluation	Rapid language transfer index
Excellent	0.75-1
Good	0.6-0.75
Clear	0.45-0.6
Poor	0.3-0.45
Unacceptable	0-0.3



# Large Conference Room AV solution-System design



**Functional positioning:** As a high-end conference room, the large conference room mainly meets the high-demand rooms such as important and decision-making meetings.



## Professional sound system

Adopt professional linear array speakers to meet the multi-functional sound reinforcement of conferences and performing arts, and reach the national first-class hall sound pressure level standard



## Digital conference system

The digital conference system can be matched with different styles of conference speech units to meet conference speech, discussion, and voting. With central control and camera system, it supports camera tracking function.



## Paperless conference system

The paperless system satisfies meeting operations such as meeting sign-in, voting, data reading, and data annotation, which saves the waste of paper after the meeting and improves the efficiency of meeting staff.



## TV commercial video wall

Indoor TV commercial LED display, high-definition auxiliary LED display, ultra-high-definition display



## HD recording system

Online live broadcast, VOD, recording, sharing beautiful moments.



## Distributed central control system

Centralized management of smart equipment, free switching of multi-scenario modes, interconnection and mutual control of smart equipment in multiple venues



## Distributed system

Composed of various nodes, distributed deployment, integrated business processing functions of audio management, video management, and environmental management



## Remote video system

Hold meetings anytime, anywhere, multi-level deployment, multi-level control, convenient and efficient.



# Training room AV solution-System design



Function positioning: mainly to meet the needs of training employees, learning and communication scenarios, etc.



### Professional sound system

Adopt professional linear array speakers to meet the multi-functional sound reinforcement of conferences and performing arts, and reach the national first-class hall sound pressure level standard



### Digital conference system

The digital conference system can be matched with different styles of conference speech units to meet conference speech, discussion, and voting. With central control and camera system, it supports camera tracking function.



### TV commercial video wall

Indoor TV commercial LED display, high-definition auxiliary LED display, ultra-high-definition display



### HD recording system

Online live broadcast, VOD, recording, sharing beautiful moments.



### Distributed central control system

Centralized management of smart equipment, free switching of multi-scenario modes, interconnection and mutual control of smart equipment in multiple venues



### Distributed system

Composed of various nodes, distributed deployment, integrated business processing functions of audio management, video management, and environmental management





# Meeting hall AV solution-System design



Functional positioning: It is mainly used for business and VIPs or a place for meeting and communicating with customers.



Professional sound system

Adopt professional linear array speakers to meet the multi-functional sound reinforcement of conferences and performing arts, and reach the national first-class hall sound pressure level standard



5GWIFI digital conference system

Using 5G frequency band, super anti-interference ability, hi-fi pickup, camera tracking, and multiple conference mode switching.



Interactive Intelligent Flat Panel

Interactive intelligent flat panel, high-definition auxiliary display screen, ultra-high-definition display



Distributed central control system

Centralized management of smart equipment, free switching of multi-scenario modes, interconnection and mutual control of smart equipment in multiple venues

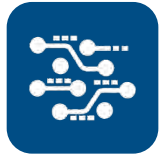


Distributed system

Composed of various nodes, distributed deployment, integrated business processing functions of audio management, video management, and environmental management



# Digital Conference System



## Conference System

- Maintain the speaking order in the meeting room
- Wireless deployment, easy wiring, unlimited locations

### Conference application



Meeting slogan



Meeting speech



Voting



Speech countdown



Voice control



Notification



Meeting services



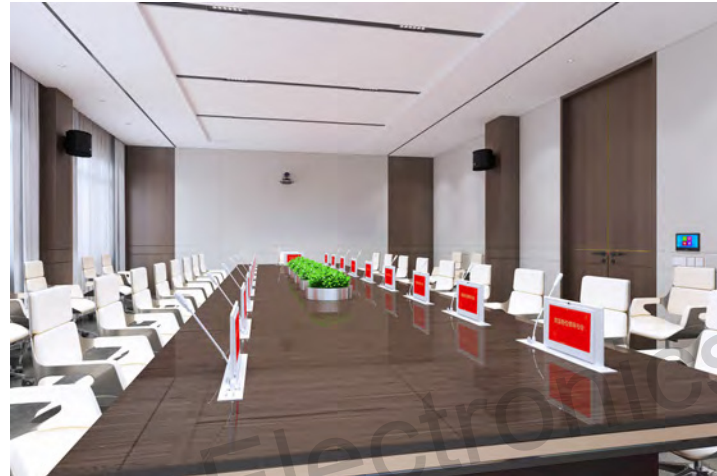
Simultaneous interpretation



Camera tracking



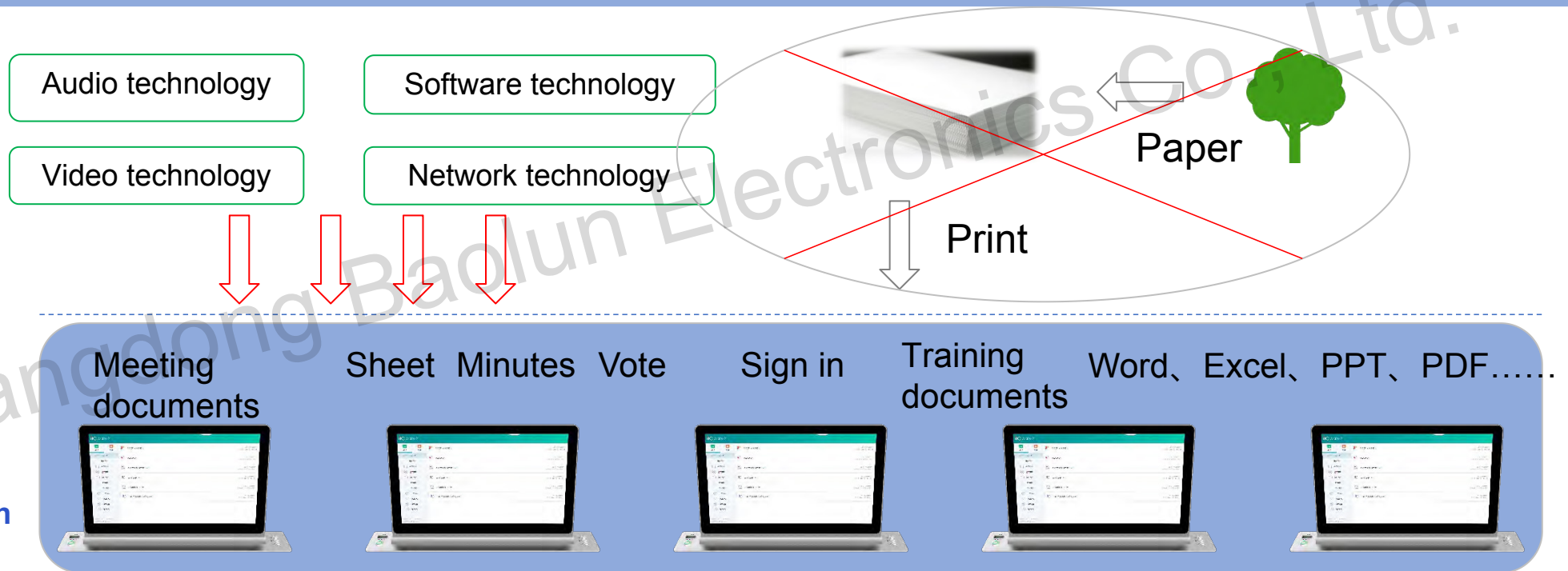
Fire linkage





# Paperless conference system-System introduction

The **paperless conference system** makes the whole conference paperless, and uses modern network communication software technology to transmit, exchange and share conference materials, pictures, audio and video files and other electronic documents; combined with the application requirements of the meeting room, add application functions such as meeting sign-in, voting, information exchange, meeting service, personnel management, and meeting management.



- Paperless
- Real time sharing
- Interactive operation
- Smooth communication

**Not only saves paper, but also increase wisdom!**



# Paperless Conference System - System Highlights



- The paperless conference system is applied in the large conference room of the hotel to realize the **electronicization of documents**, the interconnection and scheduling of video data screens, and achieve the effects of efficient meetings and **paperless office**.
- To solve the cumbersome links such as printing, binding, and distribution before the meeting
- To solve the problem of not being able to keep up with the rhythm of the speaker when reading the materials in the meeting
- To solve the problem of random discarding of materials after the meeting, **poor confidentiality**, difficult to organize data, etc.

## Screen sharing



Screen sharing to display data center file

## Screen scheduling



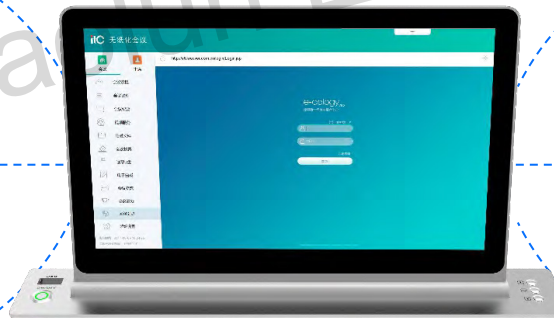
Signal dispatching information release

## LED display control



Screencasting to the LED display

## Paperless Desktop Collaboration System



## Video watching



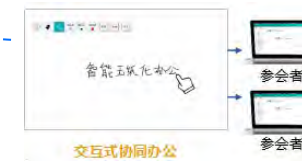
Remote on-site image retrieval and viewing  
View the monitoring screen

## Vote



Quick vote on decision-making plan

## Electronic whiteboard



Interactive handwriting in training and communication

# Paperless Conference System - Features

## Before the meeting



































## During the meeting







## After the meeting



-  Meeting creation
-  Meeting agenda
-  Join meeting
-  Meeting topic
-  Simulated seating arrangement
-  Meeting control
-  Centralized control
-  Data access
-  Meeting management
-  Function configuration
-  Meeting notification

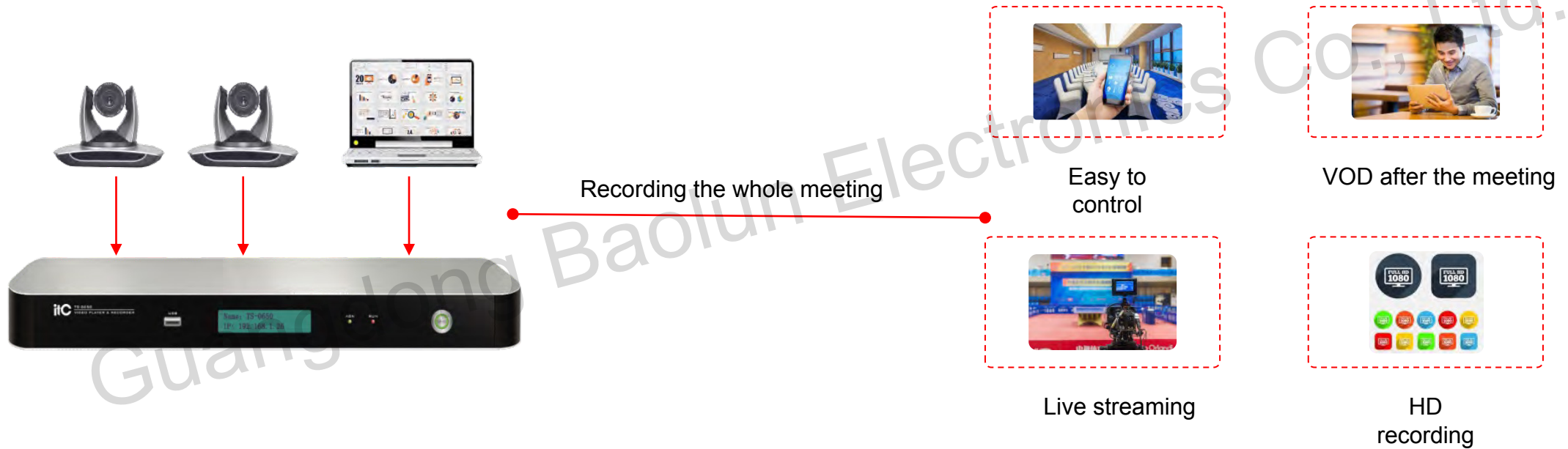
-  Meeting slogan
-  Screen sharing
-  Video
-  Voting
-  Scoring
-  Sign-in
-  Data reading
-  VOD
-  Meeting services
-  Calculator
-  Meeting topic
-  Asynchronous browsing
-  Web browsing
-  Handwritten annotation
-  Temporary files
-  Screen projection
-  Electronic whiteboard
-  Meeting notes
-  Temporary user
-  Reading permission
-  Meeting minutes

-  Document confidentiality
-  Centralized control
-  Data export
-  Data download



# HD Recording System

The HD recording system can record the photo, PPT, speech sounds, multimedia audio and video, etc. through external signal sources, such as cameras, notebooks, etc., and provide application functions such as online live streaming, VOD after meeting, resource integration...





Shaping the world-class brand



MODERN  
COMMUNICATION  
TECHNOLOGY

Smart  
Hotel

PART05

Application  
case

# Selected cases of hotels



Hilton Garden Inn  
Hotel COSTA RICA



Hilton Kozyatagi  
Hotel, Ist, Turkey



Sheraton Hotel  
Henan



intercontinental  
Hotel Zhejiang



Pearl Continental Hotel  
Pakistan



L'Oreal Hotel  
Changsha



Pearl Grand Hotel ,  
Sri Lanka



Crowne Plaza Vinh Yen  
Hotel , Vietnam



Marriott Hotel  
Hunan



Novotel Hotel in  
Pekanbaru-Riau  
Province



Ramada Plaza  
Hotel, Voronezh



SALALAH Hotel,  
Oman





# Successful Project in Vietnam



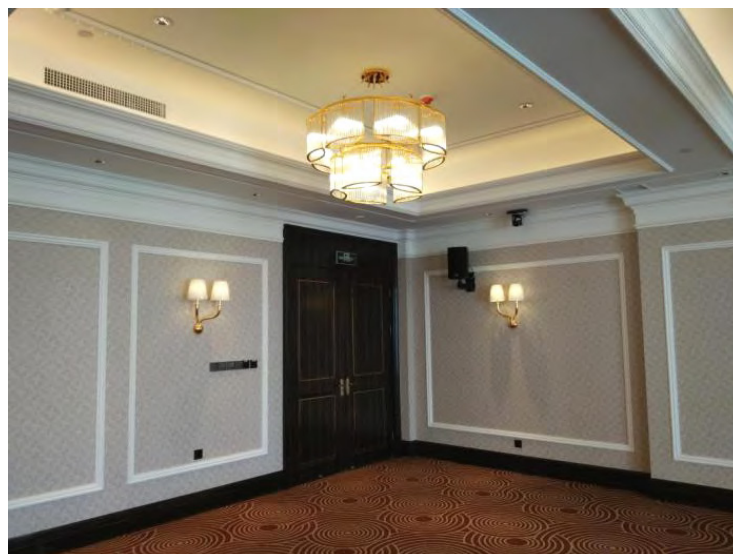
Oceanami Long Hai, Villas & beach club resort VN





# DAMRO HOTEL -Sri Lanka

IP/PA System, Professional Sound System, EVAC System



Guangdong Baolun Electronics Co., Ltd.



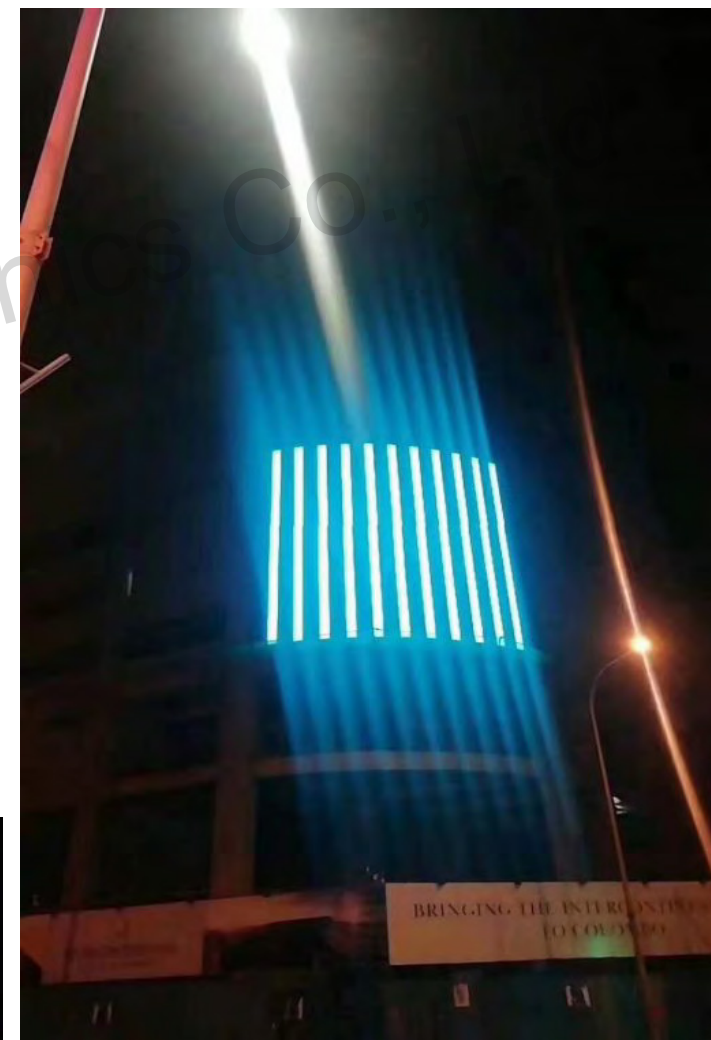
# Successful Project in Vietnam Emerald Bay Hotel in Nha Trang Vietnam. (P3.0 LED screen)





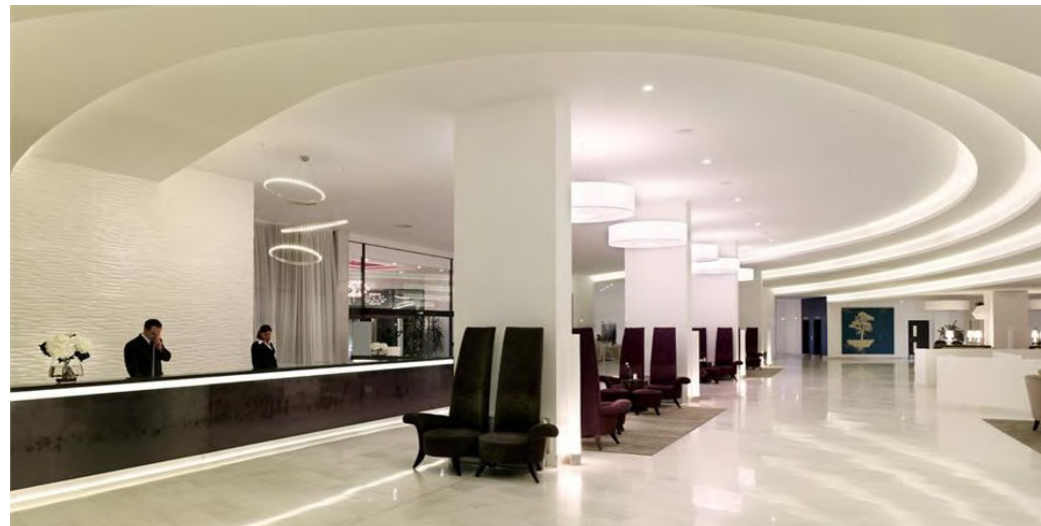
# Pearl Grand Hotel , Sri Lanka

## ITC Outdoor LED Video Wall System (250m<sup>2</sup>)



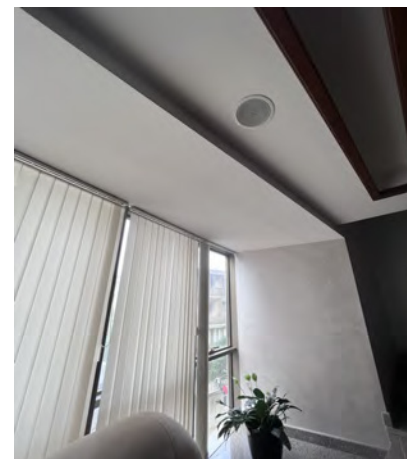
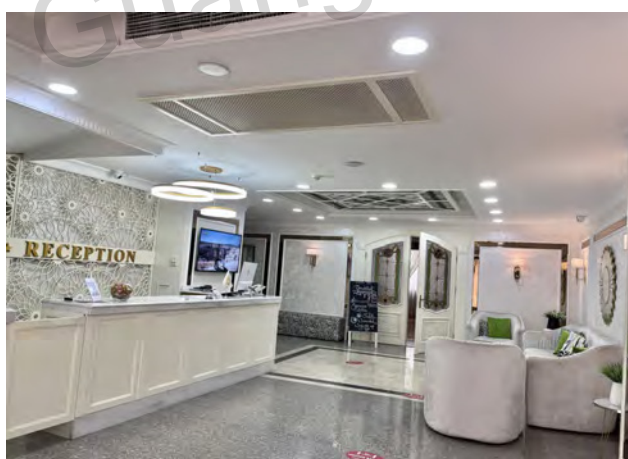


# Hotel Park Plaza Histria - Pula IP/PA System, Professional Sound System





# Azerbaijan Ganjali Plaza hotel



Bağlan Electronics Co., Ltd.



Shaping the world-class brand



Smart  
Hotel

THANK YOU

Guangdong Baolun Electronics Co., Ltd.