the HUB | ذا هَب

Networks & Smart Solutions

THE HUB COMPANY

NETWORK & SMART SOLUTIONS

The HUB is a large international group that holds key positions in the field of consulting, design, implementation and maintenance of complex information and telecommunication systems, power supply systems and physical security, a developer of innovative software and hardware systems in the CIS markets.

The main efforts of The HUB are concentrated in such directions:

- Implementation of large complex projects
- Creation of innovative solutions in the field of IT-infrastructure
- Development of highly integrated information and physical security systems
- Building secure virtualized computing platforms
- Building data centers of any complexity
- Effective systems support at the operating sites

The HUB Company was founded in 2015 as a provider of integrated telecommunication services. Providing compreh ensive services for the design, implementation ,and support of integrated solutions for airports, stadiums, hotels, educational institutions, business and entertainment centers. The HUB is a team of highly qualified professionals, certified by global manufacturers of hardware and software. With nearly 20 years of experience in the scope of complex solutions development and implementation.

The HUB has the uniquely qualified experience in the area of complex infrastructure design for large structures of various classes. As for today, the HUB has implemented more than 35 major projects in various segments of the business. Among them, there is the Elite-class stadium, shopping centers, Continent, Hotels, Schools, Mosques and others.

The HUB has implemented comprehensive solutions of IT and engineering systems in Aspire and Restaurants, as well as residential towers, and Medical Cente. In a short time, the company's engineers were able to perform all the tasks and create infrastructure solutions of the highest level.

The HUB Company also performed technical support of IT infrastructure facilities during the actual championship. All implemented systems have been tested on real events of the tournament, and the systems' quality was highly appreciated by UEFA specialists.

GENERAL
ENGINEERING SYSTEMS

For each object, THE HUB Company develops individual approach, which aims to meet the needs of a particular customer. In general terms, the solution consists of complex systems listed below shaped and supplemented specifically to each object.

IT systems:

- Structured Cabling System
- System of Service Carriers
- Local Access Network
- Wireless Network (Wi-Fi)
- IP Telephony System & Contact-Centre
- Informational Security System
- Uninterruptible Power Supply for engineering systems
- Data Center Engineering Infrastructure
- Servers and Storage Systems
- Infrastructure Software
- Digital Signage
- Conference Room Systems
- Informational Kiosks
- Electronic Queue System
- Printing Management System
- Master Clock System
- Trunking Communication System
- Parking Automation System
- Public Address System
- Porta Cabin installation
- IT Support Contracts

Physical security systems:

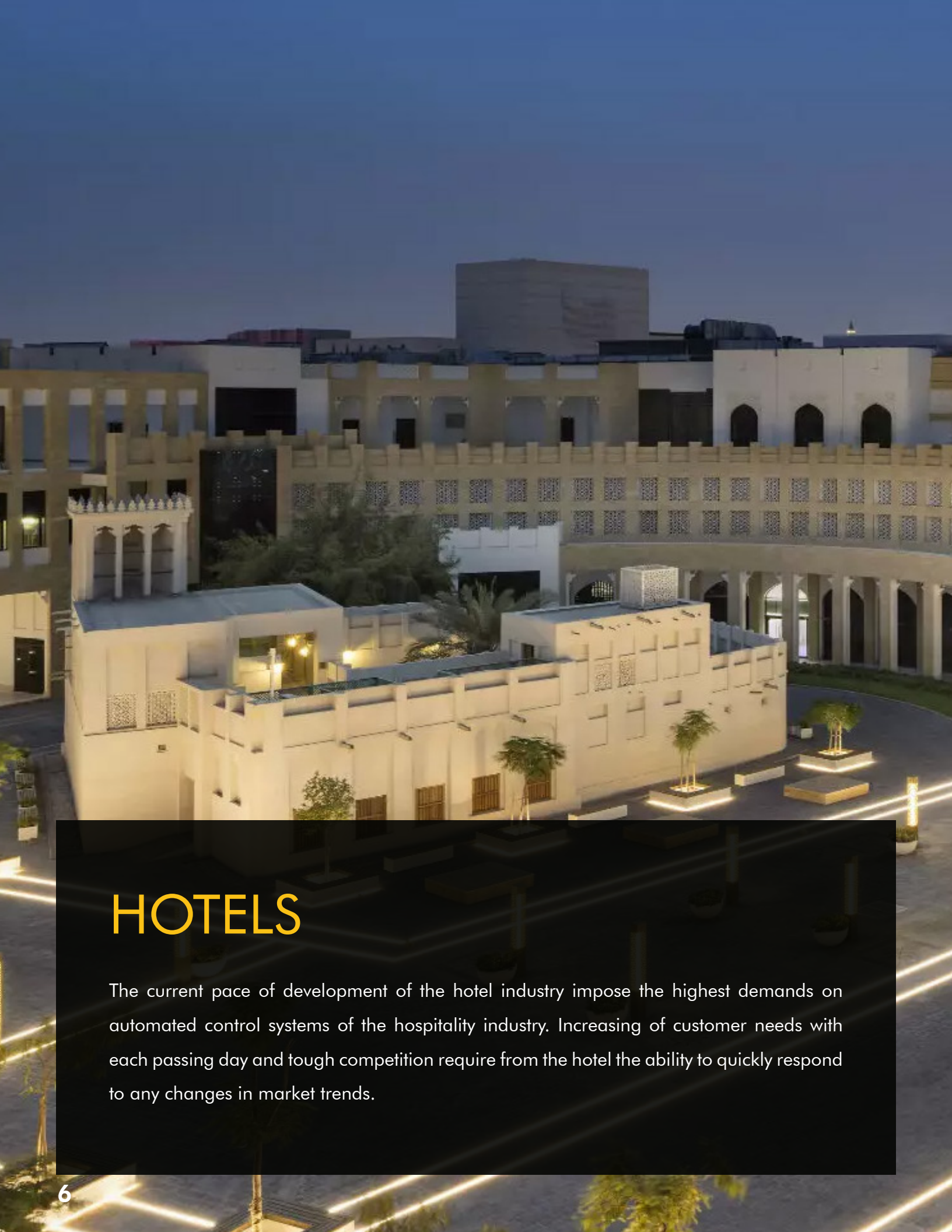
- Closed-Circuit TV System
- Room Access Control System
- Emergency Sound System

Power supply systems:

- Medium-Voltage Network
- External Power Supply
- Internal Power Supply
- Outdoor Lighting
- Indoor Lighting
- Guaranteed Power Supply System
- Grounding and Lightning Protection System
- Sound System

Design studio:

- Websites
- Brochures / Flyers
- Bussiness Cards
- Stationary
- Presentations



HOTELS

The current pace of development of the hotel industry impose the highest demands on automated control systems of the hospitality industry. Increasing of customer needs with each passing day and tough competition require from the hotel the ability to quickly respond to any changes in market trends.

Hotel Management

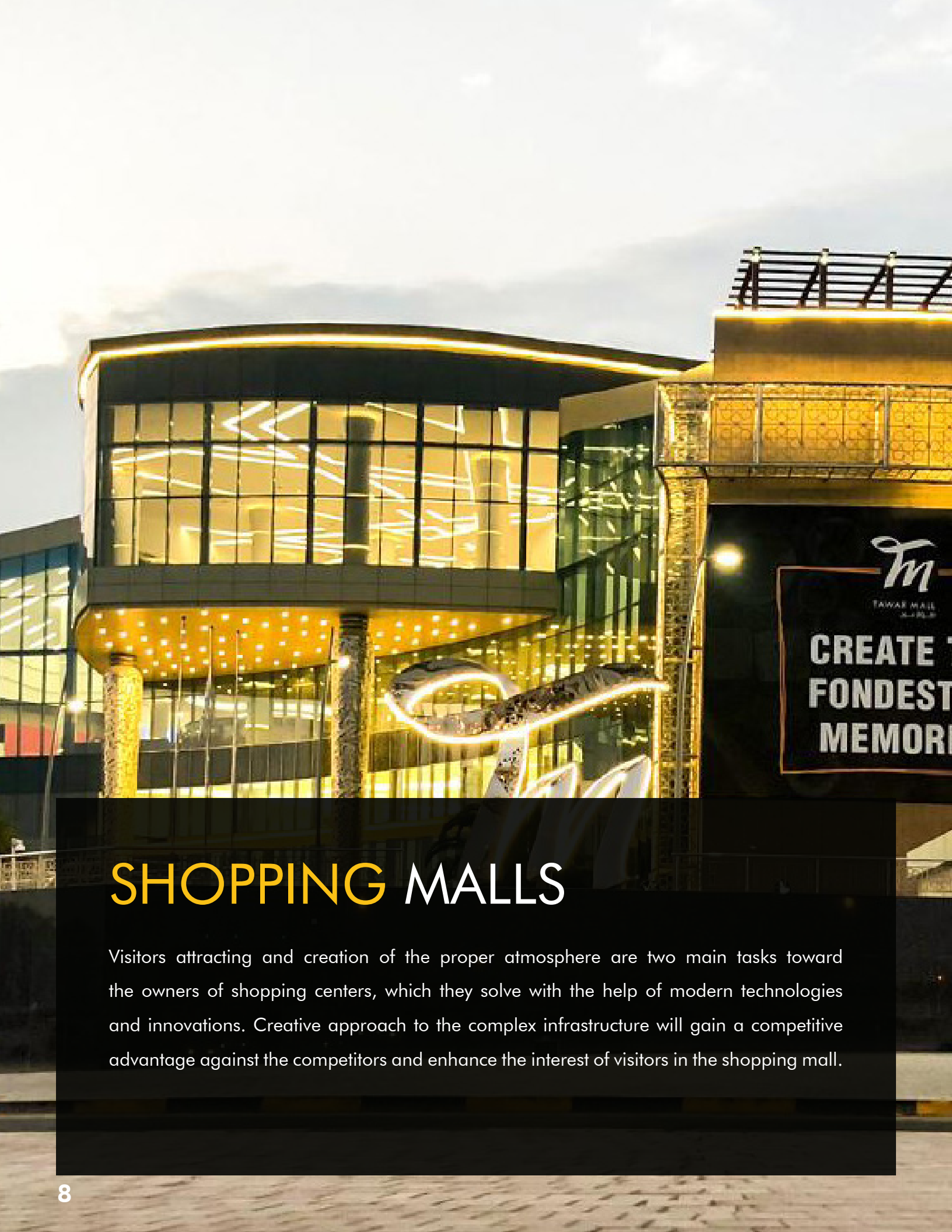
Centralized property management system is the basic infrastructure of hotel management automation. The system covers all functions of the guest reception and booking over the Internet, performs intellectual calculations to optimize profits. Comprehensive implementation of intelligent systems for the management and control of warehouses and inventories will effectively allocate resources of hotel operator.

Only service!

Providing high quality service to maximize the guests' needs is one of the most important goals of each hotel. Wireless broadband access to the global network should be available in every possible guest location in the hotel: room, conference room, lobby, SPA center, bar, restaurant. The presence of modern interactive TV system and broadcast world channels in the room is a requirement for any high-standard hotels. The hotel strives to create an atmosphere of rest and relaxation for every client, so that sound system allows you to broadcast music in all the areas of the hotel such as the lobby, SPA, restaurants. When integrated with a system of emergency alert, in case of emergency, the system is used to transmit urgent voice messages and effectively manage the flow of evacuation.

Only business!

Long time ago, a hotel has become not only a place for rest, but also a venue for various business meetings, seminars, courses, and so on. The presence in the hotel of such events gives it a competitive advantage over other locations. Equipment for video conferencing in special negotiations rooms allows you to create the effect of telepresence to all meeting participants and run it with better results. Availability of simultaneous translation equipment allows holding of international conferences with a large number of foreign speakers. Projection and interactive equipment increases the positive effects of the courses and seminars.



SHOPPING MALLS

Visitors attracting and creation of the proper atmosphere are two main tasks toward the owners of shopping centers, which they solve with the help of modern technologies and innovations. Creative approach to the complex infrastructure will gain a competitive advantage against the competitors and enhance the interest of visitors in the shopping mall.

Multimedia is around

Modern technologies of media facades design allows using of part of the complex as a great promotional plane with high amount of viewers. In addition, media facades can be used as a decorative ornament of the complex outer part, and different variations of colors, graphics and lighting effects will attract the attention of even the most ordinary passerby. Interactive displays navigation with touch screens, which are located within the complex, will strengthen the positive impression of visitors. Using these stands, the buyer is able to quickly obtain information about its stores, discounts and promotional offers, as well as a general map view of shopping complex, and to determine the shortest path to the selected store. Digital signage and video walls, located in the public areas, are designed to display advertisements and entertainment information. The system allows collection of statistics on the duration and repeat of advertising movies, automatic calculation of advertising prices, basic functions of analysis, including the calculation of the active display time, etc. Automatic calculation of the number of visitors to the shopping mall as a whole and its individual areas, as well as the definition of sex and age groups of visitors allows management to get statistics of shopping mall attendance, to form a clear picture of the visitors' interests and to organize the work of the staff.

Customer-oriented services

Modern technology of wireless communications offer new opportunities to provide unique services to visitors. Using Wi-Fi coverage, the system can track the movement of customers through the mall, to give them contextual advertising, information about products, which are near them at the moment, to inform about the various promotions and loyalty programs, and so on. Availability of convenient parking is by far one of the main requirements of the visitors. Use of modern technology can significantly reduce the duration of place search in the parking lot. Information board at the entrance provides information about the number of empty places on each floor of multi-level parking, and dynamically changing boards indicate the route to the free parking spaces. The system also leads the overall statistics of congestion and parking, and performs billing of the services provided.

RESIDENTIAL COMPLEXES

Modern houses currently represent a complex system of large number of engineering solutions and technological equipment. To surround yourself and your family with comfort and safety, it is necessary to establish the most autonomous and efficient coordination of all technical systems. Infrastructure must adhere to the vectors of comfort, safety and economy in the construction of residential complexes.

Comfort

Comfort is based on the ease of management of all engineering systems by an intuitive interface. Each apartment of complex has its own “smart” infrastructure, control light, sound, heat, and other multimedia device, that has to be automated. Intelligent parking provides individual space to the apartment owner and lowers protective arrangements in advance when you just arrived to the complex.

Payment for utility services is reduced to visiting WEB-pages of apartment complex and to using a single account. It is possible to organize the use of third-party services such as taxi, dry cleaning, restaurant, car wash, to ensure the principle of a single window. Services can be ordered on the WEB-portal of the residential complex or through the concierge.

Security

Security is achieved through the work of security alarm systems, video surveillance, fire safety systems and accident monitoring engineering systems. The apartment complex relates to objects with restricted access, so the introduction of a unified access system based on RFID will allow tenants to access the required areas of the complex.

Integration of access cards with cashless payment system will allow payment in the shopping areas of the complex just passing with goods through special gates.

Economy

Apartment control system can significantly save resources to owners using coordinated work of engineering systems. There will be no such situations, when air conditioners work on cooling and radiators on heating in the same room simultaneously.

After owners leave an apartment all heated floors will automatically go into power-saving mode. All this will significantly reduce overall operating costs.

GENERAL SYSTEMS

Local Access Network

is a multiservice transport platform for highspeed and reliable data, video and voice transmission. LAN provides safety work for network users, interaction between IT systems, connection to inner informational resources and Internet access.

Wireless Network (Wi-Fi)

provides wireless access of user devices to a local access network. System provides Wi-Fi coverage of indoor facilities and surrounding area with possibility of clients' movement around the whole hotel territory without connection losses. The system provides connection to the network of tech no logical equipment (storages, factories and airports).

IP Telephony System and Contact Centre

provides digital IP telephony services, access to the city public switched telephone network and possibility of intellectual service of clients calls. Besides traditional telephone calls, there is a possibility to make video-calls and combine different calls in a single conference.

Videoconferencing System

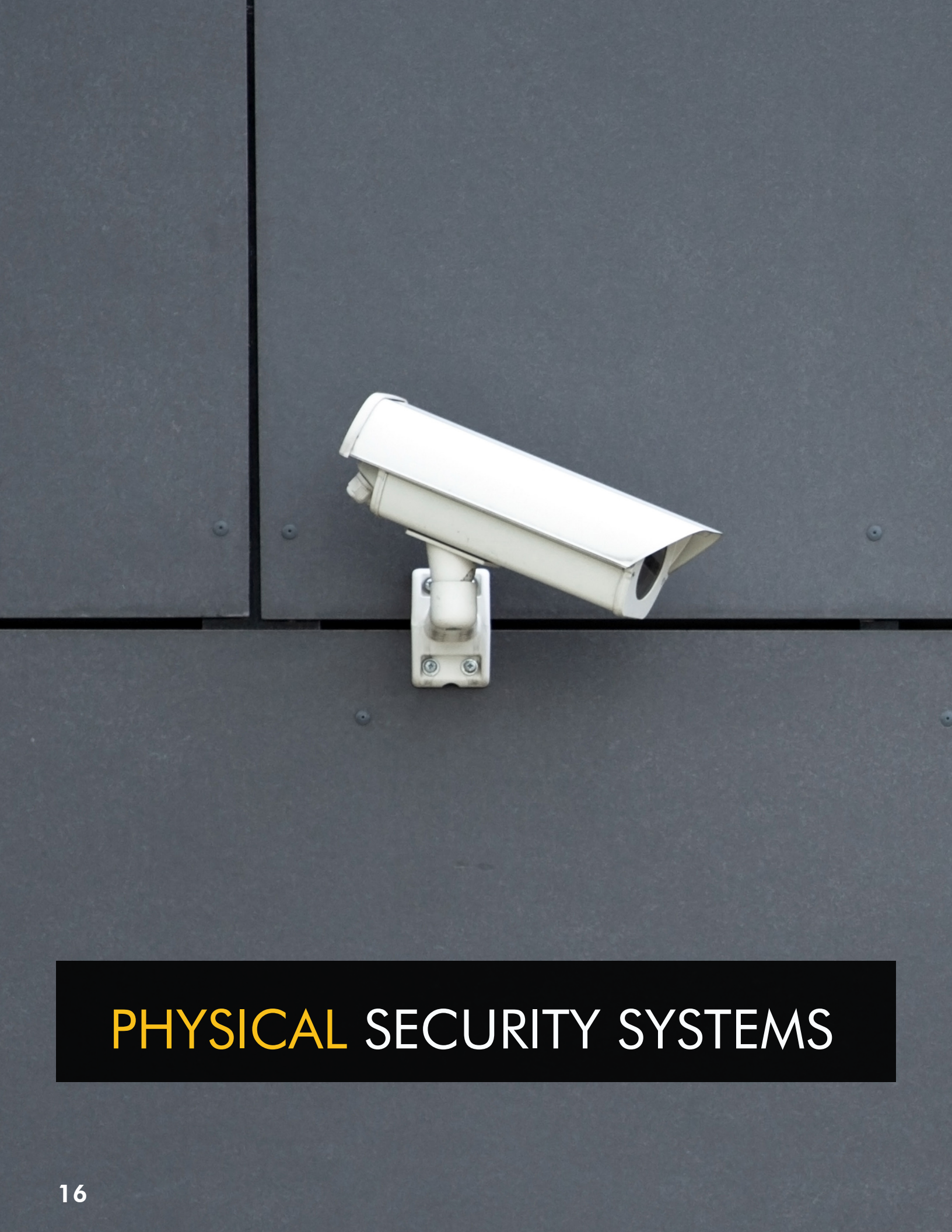
is intended for making video-calls and combine multiple participants in a single conference. High quality of audio and video enables creation of "pre sence effect" of distant interlocutors at one negotiation table, to simplify business process and reduce the quantity of business trips.

Uninterruptible Power Supply System

provides stable operation of equipment in case of outside power network failure. Engineering equipment is connected to UPS, which task is protection from overvoltage, maintaining the efficiency of devices until the operation of power network normalizes, switching on backup power system or correct finishing devices operation.

Parking Automation System

is used for automatic control over the parking entrance/exit gates, keeping records of car movements and duration of its presence on the parking territory, monitoring of free parking places and drivers' informing about their location. Possible variants of paying for service are manual to the opera tor or via the payment terminal.



PHYSICAL SECURITY SYSTEMS

Closed-Circuit TV System

is used for video surveillance and recording of any visible activities inside the building and in the adjacent territory. Information can be stored for chosen period of time. Camera settings are made with overlap of 5% of zones in horizontal and vertical planes. It provides support of object plans, administration functions and video wall management.

Access Control System

is used for making an authorized access to the object rooms and access differentiation by movement zones. Centralized management system allows tracking of all opening/closing events, monitoring of current state, and control and management with the help of graphic schemes of the object.

HOTEL SYSTEMS

Hotel TV and Video on Demand

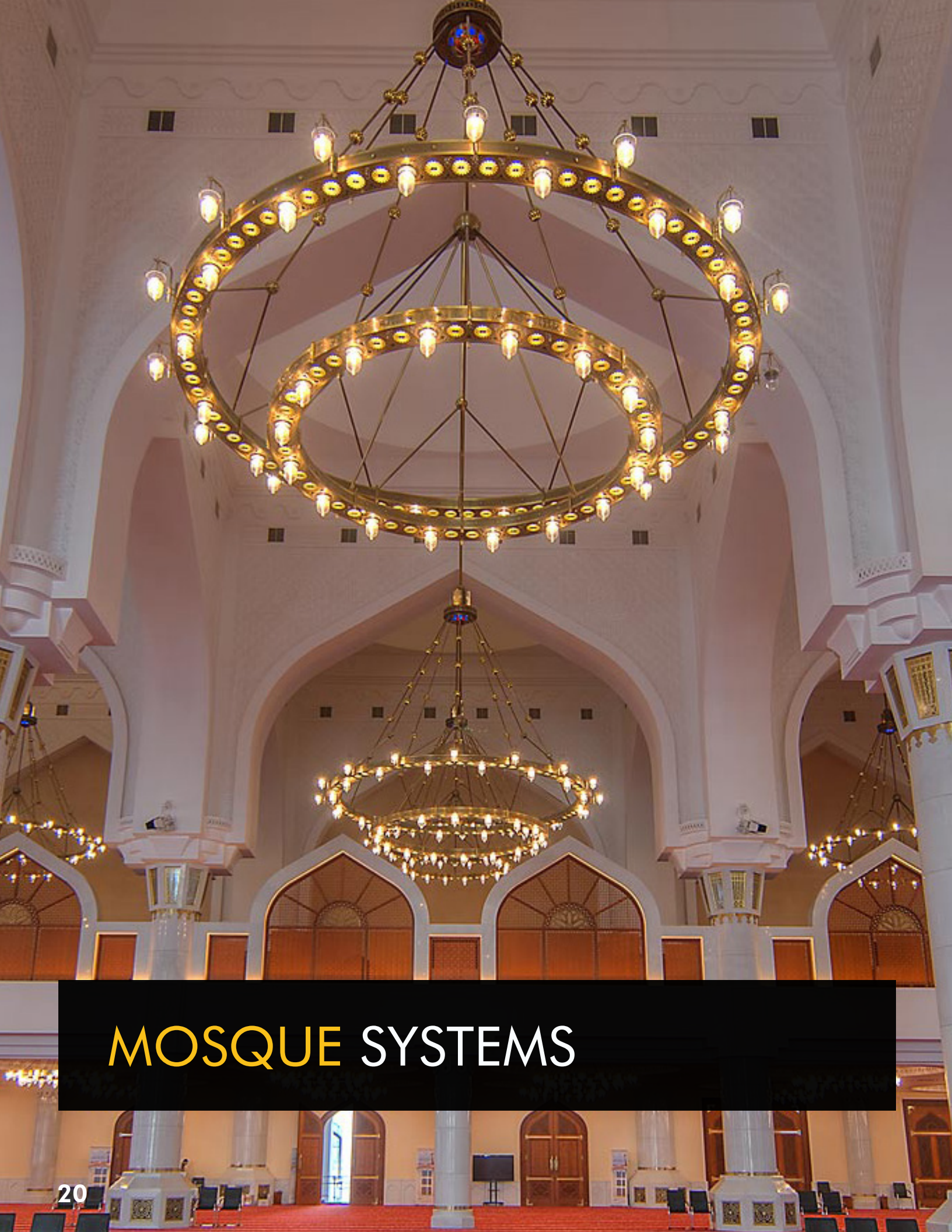
consists of digital TV receivers, and decoding and TV channels retranslation equipment. Each room is equipped with modern TV panel. Video on de mand service is received from service providers with DRM protection, and billing is performed via PMS hotel management system.

Conference Room Equipment

consists of telepresence equipment, interactive whiteboards, sound systems (including fixed and mobile microphones), simultaneous translation equipment and TV screens for meetings of any scope, conferences and presentations.

Public Address System

is intended for translation of background music in recreation zones, like lobby, SPA complex, bars and restaurants. In case of emergency, announ cements about evacuation and necessary actions can be translated through this system.



MOSQUE SYSTEMS

Sound Systems

our sound systems for mosques project sound clearly and without feedback, come in sizes that won't detract from the beauty of a mosque, and are conveniently easy to set up and use. As a company that understands and appreciates the special characteristics of mosque architecture, our sound systems can provide the optimal, high-quality sound system for your needs.

OUR PARTNERS

The HUB not only cooperates with the world's leading hardware vendors and software providers, but also is recognized as a reliable partner for many of them. The Hup has the status of Cisco Premier Partner, confirming the professional competence of the employees and stability of service quality.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OUR PROJECTS


DANA HOTEL


SAFIR

- Panorama Tower
- UCC Tower
- Al Shahaniya Petrol Station & Commercial Complex
- Villa Complex
- Maintenance For Low Current System
- Al sadd Hotel
- Elegance Hotel
- Dana Hotel
- Safir Hotel
- Atos Medical Center
- Alimadi Hospital
- Qatar Petrolium (Ras Abu Hamour)
- Challenger Trading & Contracting
- Tornado Tower
- Najada Hotel Doha
- Damasca One
- Palestinian School In Qatar
- Orient Pearl Restaurant
- Megapolis
- Viva Bahriya
- Lusail Palaces
- Highness Engineering Consultations
- Al Ahmadani Medical Center
- Baladna Park
- Printshop

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