



Company Profile

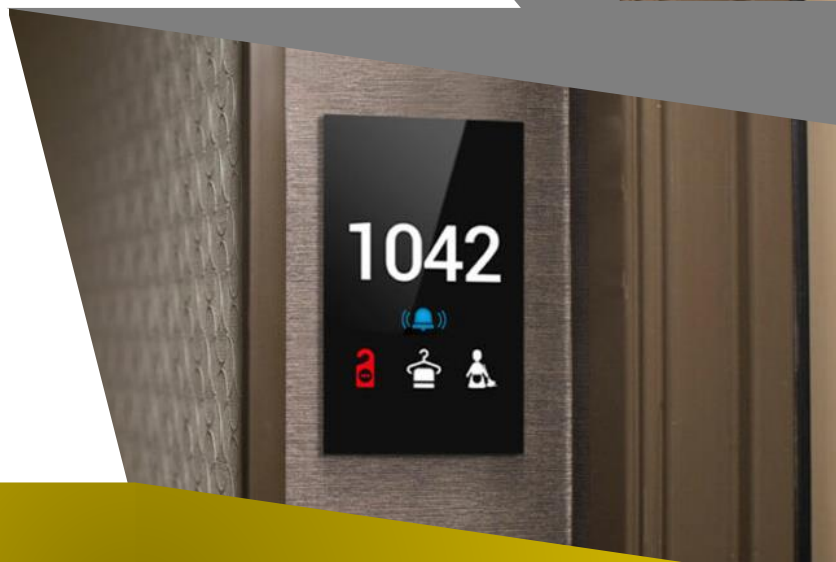
2023

Building Management System Solutions

Guest Room Management System

Lighting Control System

Audio Visual Solutions





Introduction

Spacia Systems is a distinguished leader in the field of industrial automation, specializing in leak detection, SCADA, PLC systems, smart metering, data loggers, and pressure management solutions.

With a legacy spanning over **18 years**, we have been at the forefront of addressing critical challenges in various industries. Since our inception in 2005 in **Jordan**, we have relentlessly worked to pioneer innovative automation solutions. In 2017, we expanded our footprint to the **United Arab Emirates**, where we continued to provide cutting-edge technology to meet the evolving demands of the industry. Two years later, in 2019, we extended our services to **Qatar**, solidifying our presence in the Middle East.

As the landscape of industrial automation undergoes a transformative shift towards Industry 4.0, we have remained agile in adapting to these changes. Starting in late 2016, we have been actively enhancing our expertise in Industrial IoT and digitalization solutions, ensuring that we remain at the forefront of technological advancements. In 2023, we proudly inaugurated a new branch in **Saudi Arabia**, a testament to our commitment to delivering comprehensive automation solutions across the region. Our dedication to excellence, technical proficiency, and collaborative approach with technology partners and clients sets us apart as a trusted, partnership-based solution provider. Together, we strive to deliver cost-efficient, time-efficient, and optimal solutions that harness the full potential of automation technology.



18+

Extensive Knowledge



120+

Success Stories



350+

Smart RTUs



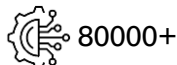
500+

Advanced DDCs



1000+

Real-Time Data Loggers



80000+

BMS IOs



15000+

Intelligent Field Components



60+

Private Residences



1000+

Luxurious Guest Rooms



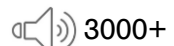
900+

Advanced Surveillance Cameras



2000+

Intelligent Control Panels and Sensors



3000+

Audio Speakers



Our Valued Clients

At **Spacia Systems**, we view our clients as partners in progress. Their feedback, insights, and trust in our capabilities drive us to continually innovate and improve our offerings. We are dedicated to providing unwavering support and value to our clients, ensuring their success in an ever-evolving industrial landscape.



Our Partners

At **Spacia Systems**, we acknowledge the vital role that our partners play in our journey and in delivering comprehensive automation solutions. Our strategic partnerships with leading technology providers and OEMs. These valued partnerships empower us to provide clients with cutting-edge technology and innovation. By collaborating closely with our partners, we ensure seamless integration of their solutions into our automation offerings, resulting in highly efficient and reliable systems.

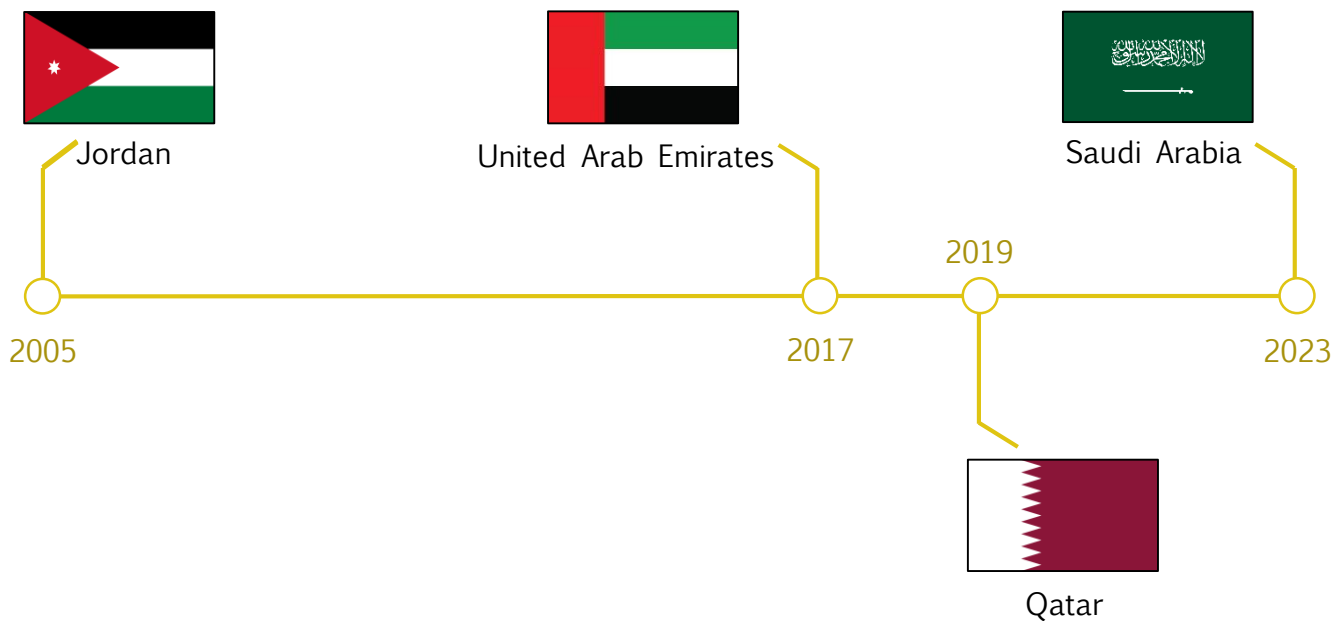




History

Spacia Systems had humble beginnings as a pioneering endeavor, founded by a dedicated team of engineers in 2005. Starting in a modest office in Jordan, our journey in the field of industrial automation began. Over the course of nearly two decades, we have evolved into a prominent global organization. Today, our company has presence in 4 regional offices across three countries in the Middle East, including Jordan, United Arab Emirates, Qatar, and Saudi Arabia.

Our journey in the realm of Building Management Systems (BMS) is defined by our unwavering dedication to excellence and innovation. Specializing in critical building systems, including HVAC and security, we have consistently elevated standards in managing the energy, comfort, and safety needs of diverse structures..



We are proud of our diverse team, consisting of professionals from 5+ nationalities, each contributing their unique expertise and perspectives to our success.

As we continue to embrace technological advancements and adapt to the changing landscape of industrial automation, we remain dedicated to providing our clients with the highest quality solutions and services.



Project List

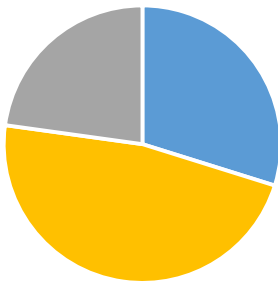
Spacia Systems has a proven track record of successful project implementations across a diverse spectrum of industries. In addition to our extensive experience in industrial projects, we have established a strong reputation for delivering comprehensive low-current systems solutions tailored to commercial applications.

Our offerings span a wide range of services, encompassing audio-video systems, CCTV, access control, building management systems, guest room management systems, lighting control, nurse call systems, and public address systems. Our project portfolio in this domain is a testament to our expertise and achievements.

Moreover, we bring extensive experience to the table when it comes to residential projects, specializing in cutting-edge home automation solutions.

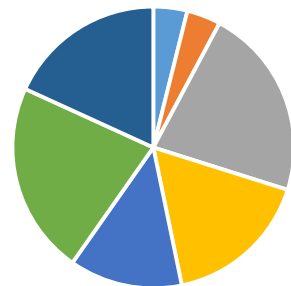
To further enhance our capabilities, we've extended our expertise to include leak detection, SCADA, PLC systems, smart metering solutions, data loggers, and pressure management systems as part of our industrial solutions suite.

Industrial Projects



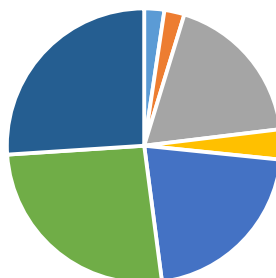
- LV Switchgears
- SCADA/PLC
- Telemetry

Commercial Projects



- LV Switchgears
- GRMS
- BMS
- CCTV
- Access Control
- Audio Visual
- Lighting Control

Residential Projects



- LV Switchgears
- SCADA/PLC
- CCTV
- Access Control
- Audio Visual
- Lighting Control
- Home Automation



Industrial Projects

Project	Year	Country	Status	LV Switchgears	SCADA/PLC	Telemetry	BMS	CCTV	Access Control
○ National Bulk Water Metering and Monitoring System	2023	Jordan	Ongoing		√				
○ Interfacing of RPSs With SCADA Kahramaa	2022	Qatar	Ongoing		√				
○ JOPETROL	2021	Jordan	Completed		√				
○ Water Network Restructuring and Pressure Management - MiyahunaFara11	2021	Jordan	Completed		√	√			
○ Communication System for Water Meter - Yarmouk Water Company	2020	Jordan	Completed		√				
○ Water Network Restructuring and Pressure Management - MiyahunaFara8	2018	Jordan	Completed		√	√			
○ Jordan Feed Company	2018	Jordan	Completed		√	√			
○ Kufranja Dam	2017	Jordan	Completed	√	√	√			
○ Jordan Poultry Processing & Marketing - ACS	2017	Jordan	Completed						√
○ Al-Basateen Pump Station	2015	Jordan	Completed	√	√	√			
○ Al-Ghabawi Pump Station	2014	Jordan	Completed	√	√	√		√	
○ Six Deep Wells (Al Sheediah Phosphate)	2013	Jordan	Completed	√	√	√			
○ Lajjoun Waste water Treatment Plant	2012	Jordan	Completed		√				
○ Central Control Station at Queen Alia Airport	2012	Jordan	Completed		√	√	√		
○ Zwara Water Tanks and Pump Stations	2011	Libya	Completed		√	√			
○ Karak Water Loss Reduction (KWLRP)	2011	Jordan	Completed	√	√	√			
○ Motta Factory New Extension	2010	Jordan	Completed	√					



Industrial Projects

Project	Year	Country	Status	LV Switchgears	SCADA/PLC	Telemetry	BMS	CCTV	Access Control
○ Jordan Grain New expansion	2010	Jordan	Completed		√				
○ Russ Group Asphalt Factory	2010	Iraq	Completed		√				
○ Bushra Pump Station	2010	Jordan	Completed	√	√				
○ Karak WWTP	2010	Jordan	Completed	√					
○ Paper Factory New Expansion (Nuqul Group)	2009	Jordan	Completed	√					
○ Plastic Factory New Expansion	2009	Jordan	Completed	√					
○ Three new Schools at Aqaba	2009	Jordan	Completed	√					
○ Pump Stations (Tulkarem Authority)	2009	Palestine	Completed	√	√	√			
○ Filtration System (Jordan Phosphate)	2008	Jordan	Completed	√	√				
○ JPPC New Expansion	2008	Jordan	Completed	√	√				
○ Jerash Waste Water treatment Plant (WAJ)	2008	Jordan	Completed	√	√	√			
○ LV station Upgrade 2 (Queen Alia Airport)	2007	Jordan	Completed	√					
○ Water Wells At Queen Alia Airport	2007	Jordan	Completed		√	√			
○ Al Safi Salt Factory Upgrade	2007	Jordan	Completed		√				
○ LV station Upgrade 1 (Queen Alia Airport)	2006	Jordan	Completed	√					
○ National Hatchery Upgrade	2006	Jordan	Completed		√				
○ Vacuum Coating Machine (Hikma Pharmatecual)	2005	Jordan	Completed		√				
○ Automatic Dosing System	2005	Jordan	Completed		√				



Commercial Projects

Project	Year	Country	Status	LV Switchgears	GRMS	BMS	CCTV	Access Control	Audio Visual	Lighting Control
○ QAF Al Ruwais	2022	Qatar	Completed						√	√
○ QIG 5th Offices	2022	Qatar	Completed				√	√	√	√
○ Arab Potash	2022	Jordan	Completed						√	
○ Ministry of Public Health	2021	Qatar	Completed			√				
○ Shura Council	2021	Qatar	Completed	√					√	
○ Al-Wafi Clinic	2020	Jordan	Completed			√				√
○ Pharmatek Clinic	2020	Jordan	Completed			√				√
○ Al Basheer Hospital	2020	Jordan	Completed	√						
○ Al-Hikma Headquarters	2019	Jordan	Completed							√
○ ABC Bank Headquarters	2018	Jordan	Completed			√				
○ Hilton Garden Inn	2018	Qatar	Completed		√		√			
○ Msheireb Downtown Doha – Phase 2	2018	Qatar	Completed			√				
○ Ayass Hotel	2019	Jordan	Completed						√	√
○ Mercure Hotel (254 Rooms)	2017	UAE	Completed		√	√				√
○ IBIS Hotel (350 Rooms)	2017	UAE	Completed		√	√				√
○ Accor Apartments (154 Apartment)	2017	UAE	Completed			√				√
○ Axiom Telecom HQ	2017	UAE	Completed						√	
○ ASmawi SZR Buildings	2017	UAE	Completed				√	√		



Commercial Projects

Project	Year	Country	Status	LV Switchgears	GRMS	BMS	CCTV	Access Control	Audio Visual	Lighting Control
○ Asmawi Alaweer	2017	UAE	Completed				√	√		
○ Emirates hills palace	2017	UAE	Completed						√	
○ Bukash Building	2017	UAE	Completed				√	√	√	
○ Bank of Jordan	2017	Jordan	Completed				√			
○ Housing Bank ACS-DFRS Integration	2017	Jordan	Completed					√		
○ Four Seasons hotel staff accommodation	2016	UAE	Completed				√	√		
○ Al Sayyah Tower Palm	2016	UAE	Completed			√	√	√	√	√
○ Al Sayyah Villa	2016	UAE	Completed				√			
○ Smart Buy	2016	Jordan	Completed			√				√
○ Holiday Inn	2016	Jordan	Completed			√				
○ Gold Gym	2016	Jordan	Completed			√				
○ Quicksand Crossfit Gym	2016	Jordan	Completed				√	√	√	
○ Al Fanar Group	2015	UAE	Completed						√	
○ Meydan Hotel	2015	UAE	Completed							
○ Aqaba New Port	2015	Jordan	Completed			√				
○ Etihad Airlines	2014	UAE	Completed						√	
○ Kilani Healthcare Institute	2013	Jordan	Completed			√	√	√	√	
○ Etihad Towers	2013	UAE	Completed				√	√		



Commercial Projects

Project	Year	Country	Status	LV Switchgears	GRMS	BMS	CCTV	Access Control	Audio Visual	Lighting Control
○ Hilton Resort and Spa	2012	Jordan	Completed	√		√			√	√
○ Bank of Jordan	2011	Jordan	Completed						√	√
○ Grand Cinemas-Taj Mall	2011	Jordan	Completed			√			√	
○ Al Khalidi Hospital and Medical Center	2011	Jordan	Completed			√				



Residential Projects

Project	Year	Status	LV Switchgears	SCADA/PLC	CCTV	Access Control	Audio Visual	Lighting Control	Home Automation
○ Khalid Al Kaseeh	2022	Ongoing			√		√	√	√
○ Khalid Murad	2021	Completed			√			√	√
○ Dousari Residence	2021	Completed			√			√	√
○ Amer Sabha	2021	Completed			√		√	√	
○ Nofal Residence	2021	Completed			√	√		√	√
○ George Mansour	2021	Ongoing			√	√		√	√
○ Ali Anabtawi	2021	Completed			√	√		√	√
○ Shariff Hamoudeh Villa	2020	Completed			√			√	√
○ Saddam Office	2020	Completed			√	√	√	√	√
○ Zaid Hameed Villa	2020	Completed					√	√	√
○ Abd Al Kareem Al Soht Villa	2019	Completed						√	√
○ Sara Tabba'a Villa	2019	Completed					√	√	√
○ Jardaneh Villa	2019	Completed			√				
○ Nawar Al Jubouri Villa	2018	Completed			√		√	√	√
○ Al Kareem Villas	2018	Completed						√	√
○ Al Hummar Villas	2018	Completed			√				
○ Hassan Al Lami Villa	2017	Completed			√		√	√	√



Residential Projects

Project	Year	Status	LV Switchgears	SCADA/PLC	CCTV	Access Control	Audio Visual	Lighting Control	Home Automation
○ Jamal Lozi Villa	2017	Completed	√		√		√	√	√
○ Ziad Amoos Villa	2017	Completed					√		
○ Mohammad Khalid iVilla	2017	Ongoing						√	√
○ Sireen Al Masri Villa	2017	Completed							√
○ Martinon / Muna Sukhtian Villa	2016	Completed			√		√	√	√
○ Abdulkarim Al Dmisi Villa	2016	Completed					√	√	√
○ Saleem Al Sabbagh Villa	2016	Completed					√	√	√
○ Muhannad Jrab Villa	2016	Completed					√	√	√
○ Subhi Al Dahleh Villa	2016	Completed					√	√	√
○ Maher Hammoudeh Villa	2015	Completed	√		√		√	√	√
○ Aws Shalabi Villa	2015	Completed			√		√	√	√
○ Samer Fraihat Villa	2015	Completed					√	√	√
○ Fadi Imseeh Villa	2014	Completed		√	√		√	√	√
○ Ali Farouqi Villa	2014	Completed			√		√	√	√
○ Tareq Aggad Villa	2014	Completed			√	√	√	√	√
○ Majeda Al Jallad Villa	2014	Completed			√		√	√	√
○ Ihab Imseeh Villa	2014	Completed		√	√		√	√	√



Residential Projects

Project	Year	Status	LV Switchgears	SCADA/PLC	CCTV	Access Control	Audio Visual	Lighting Control	Home Automation
○ Rami Al Jayeh Villa	2013	Completed					√	√	√
○ Nabil Hammoudeh Villa	2012	Completed					√	√	√
○ Hani Salah Villa	2012	Completed			√		√	√	√
○ Sami Hammoudeh Villa	2012	Completed	√	√	√		√	√	√
○ Ayman Atyieh Villa	2012	Completed			√		√	√	√
○ Shaker Fakhouri Villa	2012	Completed			√		√	√	√
○ Mohammad Dahleh Villa	2012	Completed					√	√	√
○ Mughith Sukhtian Villa	2011	Completed			√		√	√	√
○ Shariff Hammoudeh Apartment	2011	Completed			√		√	√	√
○ Ammar Shawwa Villa	2011	Completed			√		√	√	√
○ Sami Nashwan Villa	2011	Completed			√		√	√	√
○ Imad Malhas Villa	2011	Completed	√	√			√	√	√



Building Management System Solutions

Our BMS solutions provide a holistic approach to facility management, offering a centralized platform for streamlined control and monitoring. From single window monitoring of entire sites to flexible global scheduling and advanced alarm management, our systems empower facility managers to make informed decisions efficiently.

Built on scalable open architecture, our modular BMS solutions facilitate system expansion and lifecycle savings. Leveraging industry standards like **BACnet**, **LonWorks**, **OPC** and **Modbus**, we provide an agile and interoperable framework that adapts to evolving needs.

Our BMS solution extends beyond conventional boundaries by incorporating video surveillance and access control system integration through a rich GUI. This not only enhances workstation management but also enables automated control and advanced alarm reporting, fostering a comprehensive approach to building management.

"Building Management Systems go beyond mere control; they are about creating an immersive, connected, and inspiring environment, where every aspect harmonizes for optimal efficiency and user experience."





Guest Room Management System

The Guest Room Management System is a sophisticated technology designed to optimize and enhance the guest experience within hotels and hospitality establishments.

At its core, GRMS allows guests to control various aspects of their room environment, such as lighting, temperature, and entertainment systems, through intuitive interfaces like touch panels or mobile applications. This level of customization ensures that guests can create a comfortable and tailored experience during their stay.

Moreover, GRMS offers significant benefits for hotel management and staff. By integrating with Property Management Systems (PMS), GRMS can provide real-time updates on room occupancy, enabling efficient allocation of resources and facilitating smoother check-in and check-out processes. Additionally, GRMS can integrate with Do Not Disturb (DND) systems, allowing guests to indicate their privacy preferences easily while enabling housekeeping staff to prioritize room cleaning tasks accordingly.

The integration of GRMS with other hotel systems also allows for improved energy management and cost savings. Through features like occupancy sensors and scheduling capabilities, GRMS can optimize energy usage based on room occupancy, contributing to environmental sustainability efforts while reducing operational expenses for the hotel.





Lighting Control System

A Lighting Control System is a technology designed to provide comprehensive control over the lighting environment in residential, commercial, and industrial spaces. By integrating advanced sensors, controllers, and user interfaces, LCS offers users unparalleled flexibility, convenience, and energy efficiency in managing their lighting systems.

At its core, an LCS allows users to regulate the brightness for different tasks, setting mood lighting for ambiance, or scheduling lighting sequences for enhanced security. LCS provides users with intuitive interfaces such as touch panels, mobile apps, or voice commands for effortless control.

One of the key advantages of an LCS is its ability to optimize energy usage and reduce operating costs. Through features like occupancy sensors, daylight harvesting, and scheduling capabilities, LCS can automatically adjust lighting levels based on occupancy patterns, natural light availability, and time of day, thereby minimizing energy wastage and maximizing efficiency.

"Lighting Control Systems are more than just managing lights; they're about connecting spaces, creating inviting atmospheres, and making everything work smoothly. Every tweak in lighting serves a purpose, making rooms feel just right for whoever's using them. It's about making spaces feel welcoming and running efficiently."





Audio Visual Solutions

Our expertise extends to a wide range of solutions, including Audio Visual (AV) technology that transforms spaces into dynamic communication hubs. From captivating presentations to interactive collaborations, our AV solutions redefine the way you engage with your audience.

Step into the future of seamless communication with our Room Conferencing systems. Whether you're connecting with team members across the globe or hosting virtual client meetings, our technology ensures that distance is no longer a barrier to productive collaboration.

For your meeting spaces, we offer state-of-the-art Meeting Room Systems that are intuitive, efficient, and adaptable. Say goodbye to technical glitches and hello to meetings that flow effortlessly, thanks to our innovative solutions.

Spacia Systems is not just a provider of technology; we are your partner in creating immersive, efficient, and effective spaces. Join us in the world of audio-video excellence, where every room becomes a stage, every presentation is a masterpiece, and every connection is crystal clear.

*“Audio-Visual technology is not just about seeing and hearing;
it's about experiencing, connecting, and inspiring”*





Selected References

Hilton Resort & Spa | 2012

Intelligent Control4 and Lonix Systems are used at the Hilton Resort & Spa, **Dead Sea**, to create exclusive modern style surroundings for guests who are used to expect excellence in all respects.

In transforming the Hilton Resort and Spa into a high-end destination, cutting-edge technology was employed for an enhanced user experience. Integrated systems, including background music, centralized public address, and lighting control, were strategically implemented.

Enhanced User Experience: BMS contributes to an improved experience for guests at the Hilton Resort and Spa by providing efficient control and monitoring of various systems, ensuring comfort, safety, and convenience.

Efficient Operations: The intelligent solutions integrated into the BMS streamline the operation of subsystems, optimizing the performance of lighting, HVAC, and other critical systems. This efficiency enhances the overall functioning of the hotel.

Cost Savings: BMS allows for precise control over energy consumption, leading to cost savings. The ability to monitor and manage different systems centrally ensures resource efficiency and reduces operational costs in the long run.

Background Music | Public Address System | Lighting and Scene Control | Meeting Rooms Video Setup | Building Management System | Guest Room HVAC Control | Integrated Control Software





Selected References

Kilani Health Care Institute | 2013

Spacia Systems spearheaded the integration of Building Management, CCTV, Access Control, and Public Address systems for the expansion of **Farah Hospital, Amman**.

The new facility boasts an Integrated Building Management System, employing intelligent software for unified monitoring and control.

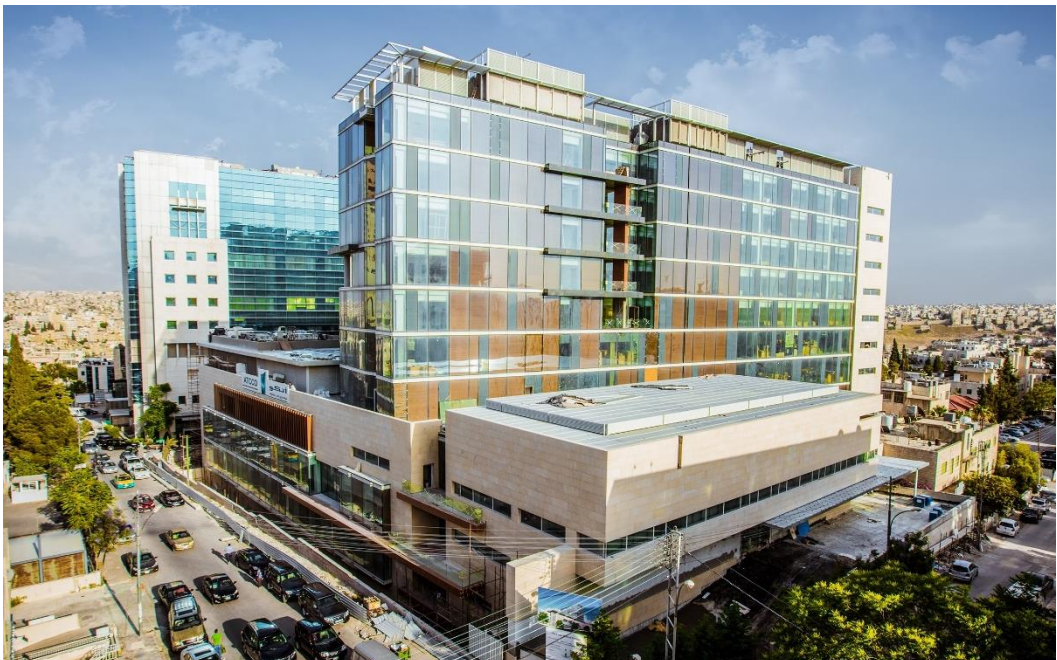
Access control regulates elevator access, while the public address system handles emergency announcements.

The BMS oversees HVAC, operation rooms, and isolation rooms, seamlessly integrating with third-party control systems.

Advanced CCTV features, access control for over 200 doors, and a comprehensive audio distribution system further enhance the facility's operational efficiency.

The centralized server acts as the core engine, providing a cohesive interface for monitoring and controlling all integrated systems, even allowing remote access when required. This project exemplifies a truly integrated and sophisticated Building Management System solution.

2000 I/O - Building Management System | 120 IP Cameras - Closed Circuit Television System | 100 Door - Access Control System | 400 Speakers - Public Address System | Access Integration with Elevators | Design, Installation, Testing and Commissioning





Selected References

Mercure, IBIS, and Accor Hotel Apartments | 2017

Intelligent Johnson Controls and Legrand Systems are used at the Garhoud Mixed Use Development, **UAE**, to create exclusive modern style surroundings for guests who are used to expect excellence in all respects.

Niagara Framework Analytics Service was used to collect data from the existing Building Management System, metering data in particular to present them as meaningful, actionable information display as graphs, charts, pie and other widgets to help visualize energy consumption and efficiency.

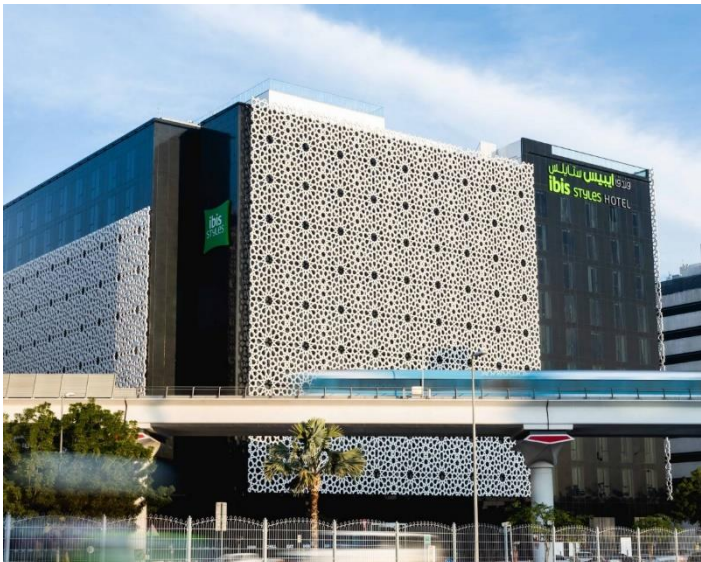
Room Benchmarking: Monthly power reports, benchmarked and presented as a percentage, with 90% or more indicating optimal efficiency without losses.

Water Consumption: Annual overview of room-wise water consumption aids quick identification of efficiency and anomalies on the floor.

Hourly Power Monitoring: Automatic hourly updates help operators detect anomalies in consumption during anticipated and standby hours for each load type.

Yearly KPI Comparison Graph: Compares total load consumption against the benchmark, showcasing power consumption adherence over the years.

7500 Point | 254 Rooms - Mercure Hotel | 350 Rooms - IBIS Hotel | 154 Apartment - Accor Apartments | Customized KPI | Tenant Billing System and Invoice Generation | Benchmarking Power and Water Consumption





Selected References

Msheireb Downtown Doha | 2018

Msheireb, **Qatar**, the world's first sustainable downtown regeneration project, stands as a beacon of environmentally conscious urban renewal.

Comprising ten commercial buildings, a 5-star hotel, and a shared basement, this ambitious endeavor faced the challenge of integrating extensive Extra-Low Voltage (ELV) systems seamlessly across a vast area.

The Building Management System (BMS) orchestrated a symphony of mechanical and electrical components, enhancing energy efficiency and reducing long-term consumption costs. With over 3500 cameras, advanced Access Control Systems (ACS), and integrated lighting control, the project prioritized security and operational optimization.

The deployment of fiber-optic backbones and dedicated VLANs ensured reliable inter-building communications.

The harmonious interaction between ELV systems not only simplified operations but also empowered operators with complete control, solidifying Msheireb as a pioneering case study in sustainable urban development.

*Building Management System | Closed Circuit Television System | Access Control System |
Lighting and Scene Control | Guest Room Management System*





Selected References

Ministry of Public Health | 2021

Intelligent Schneider Electric building management system is used at the ministry of public health, **Qatar** for two distinct buildings: the Medical Commission Building and the New Commission Building.

In a bid to enhance energy efficiency, achieve financial savings, and streamline maintenance costs, a tailored Building Management System (BMS) solution was implemented across the two buildings.

This comprehensive solution integrated various building systems under centralized control, fostering operational excellence. The BMS not only optimized energy consumption but also identified trends for informed decision-making. By embracing energy-efficient practices, the system significantly curtailed utility bills while ensuring a comfortable environment. Predictive maintenance capabilities further mitigated unforeseen breakdowns, leading to substantial cost reductions over time.

The result was a harmonious blend of financial savings, improved efficiency, and heightened occupant satisfaction, showcasing the BMS as a key player in enhancing overall building performance.

1200 I/O Signals | 13 Air Handling Units (AHUs) | 6 Package Units | 3 Chillers | 9 Pumps | 23 Exhaust Fans Variable Frequency Drive (VFDs) | Motor Control Center (MCCs) Modifications | Electrical Panels





Selected References

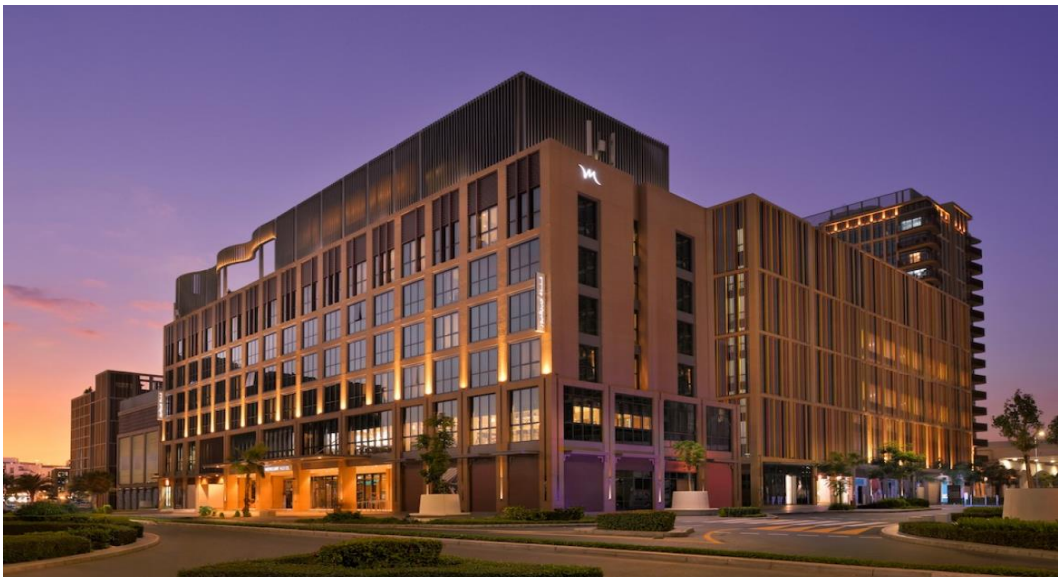
Mercure, IBIS, and Accor Hotel Apartments | 2017

The Garhoud Mixed Use Development, **UAE**, incorporates cutting-edge Intelligent Johnson Controls and Legrand Systems to curate a sophisticated modern ambiance, catering to guests who demand excellence in every aspect of their experience. These systems are chosen for their proven technology and robust functionality, which are crucial for high-end destinations like the Garhoud Mixed Use Development. The implementation of intelligent systems within hotel facilities enhances convenience, ensuring a seamless user experience throughout guests' stays.

For lighting control, over 25 distributed lighting panels are strategically placed indoors and outdoors throughout the entire hotel. Each independent zone is equipped with its own controller, interconnected to the main network, facilitating integration with other systems if needed. Keypads are discreetly positioned in select areas, providing hotel staff with a quick control tool, complementing the elegant touch screens installed for enhanced functionality.

The intelligent solutions installed and commissioned at Garhoud Mixed Use Development ensured smooth operation of all systems, and most importantly, thereby ensuring an excellent user experience for guests.

7500 Point | 254 Rooms - Mercure Hotel | 350 Rooms - IBIS Hotel | 154 Apartment - Accor Apartments | Customized KPI | Tenant Billing System and Invoice Generation | Benchmarking Power and Water Consumption





Selected References

Hilton Garden-Inn | 2019

At Hilton Garden Inn, Qatar, we are revolutionizing guest experience with our innovative Virtual Card Holder system.

By leveraging the on-board motion sensor of the controller, along with door and window contact sensors, our system intelligently determines room occupancy status without the need for a physical card holder. This means that guests no longer need to worry about carrying around physical keys or cards to access their rooms.

The Virtual Card Holder system not only simplifies the guest experience but also enhances security measures. With real-time occupancy detection, our system ensures that rooms are securely locked when unoccupied and automatically adjusts settings when guests enter or leave the room.

In addition, we employed advanced FCU (Fan Coil Unit) controllers to further enhance guest comfort and energy efficiency. By utilizing motion sensors and other occupancy detection technologies, our FCU controllers can automatically adjust room climate settings when guests enter or leave the room. This ensures optimal comfort levels for guests while minimizing energy waste when rooms are unoccupied.

221 Rooms | 197 Camera | 511 Speaker | Telephone System | 221 Guest Access System | Fire Alarm System | IPTV System | Disables Alarm System





Selected References

Hikma Pharmaceuticals Headquarter | 2019

Al Hikmah Headquarters presented a multifaceted challenge in its lighting control requirements, spanning diverse areas such as parking facilities, interior spaces across multiple floors, and the façade lighting. Spacia Systems recognized the need for a comprehensive solution that seamlessly integrated with the building's infrastructure while offering intuitive control and robust reliability.

Spacia Systems designed and deployed a sophisticated Lighting Control System centered around intelligent switches, DALI Controllers, KNX network couplers, and motion detectors, all orchestrated through the KNX protocol.

For the parking facilities, Spacia Systems installed motion sensors to automate lighting control, promoting energy conservation and enhancing safety. Manual override capability was incorporated via KNX keypads strategically placed in designated areas, providing occupants with convenient control options.

In the building's interior spaces, including the ground to roof floors, KNX keypads and motion sensors were deployed to deliver precise and efficient lighting control. Dimming modules and on/off actuators enabled tailored adjustment of lighting levels, optimizing both comfort and energy usage.

A standout feature of the system was its integration with DALI controllers for façade lighting control, allowing dynamic illumination of the building exterior. This not only enhanced the architectural aesthetics but also contributed to energy savings by efficiently managing outdoor lighting.





Selected References

Arab Potash | 2022

The primary challenge in Arab Potash was to create a dynamic environment for presentations and meetings.

The solution included three 43-inch confidence monitors strategically placed in front of the podium, ensuring that presenter could view the content displayed on the video wall, which consisted of 5X3 of 55-inch screens. A PTZ camera captured speakers for clear visibility on the video wall.

For presenters convenience, we incorporated user-friendly laptop connectivity, enabling content to be displayed seamlessly on the video wall. Audio quality was a priority, addressed with eight wall-mounted speakers, four wired microphones, and two wireless microphones.

An audio matrix switch efficiently routed audio inputs, while a Digital Signal Processor enhanced audio clarity.

The implementation of this advanced AV system transformed Arab Potash Company's presentation capabilities. Presenters now have real-time visibility of their content, and the video wall creates an impressive backdrop for presentations. Improved audio quality and seamless laptop integration have resulted in more engaging and interactive presentations, positioning Arab Potash as a technologically advanced organization in their industry.

5x3 55" Video Wall | 3 Confidence Monitors | 8 Speakers | 4 Wired Microphones | 1 PTZ Camera | 2 Wireless Microphones | Digital Signal Processor | Audio Matrix Switch | IPAD





Selected References

Al Ruwais Conference Room | 2022

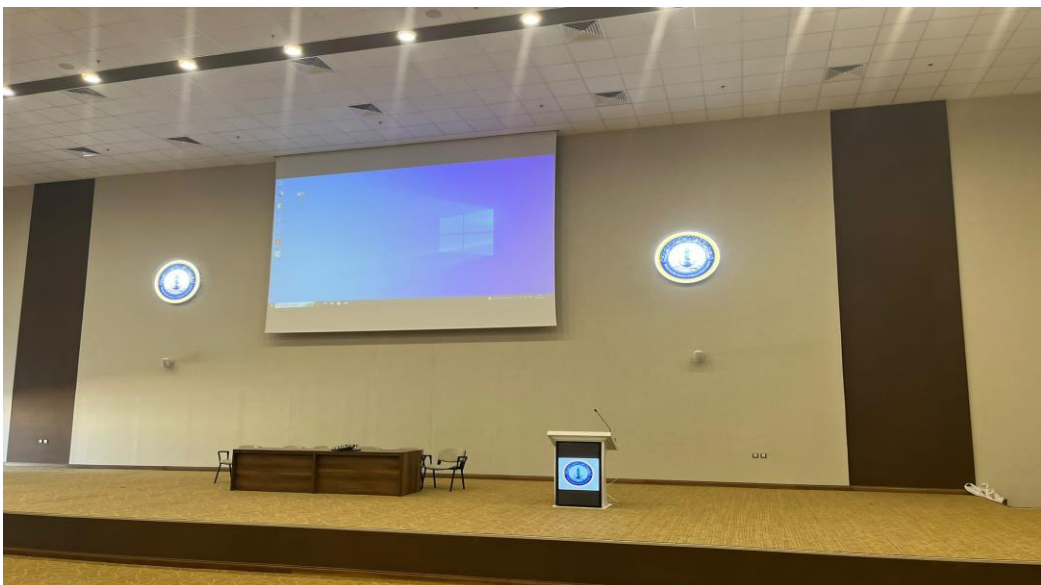
The Al Ruwais conference room features synchronized functionality among essential devices such as a projector, speakers, and a PTZ camera, enabling high-quality meetings with recording capabilities.

An advanced lectern serves as a presentation platform, incorporating various technological features to enhance speakers' capabilities during conferences. A smart podium with a built-in touchscreen display allows speakers to interact with digital content, access multimedia files, and control presentation software. It also includes integrated audio and video capabilities, including speakers, microphones, and webcams, facilitating audiovisual presentations, video conferencing, and recording.

To meet the demands of a professional meeting environment, the conference room has been equipped with microphones to ensure clear communication and amplification of participants' voices, even for those seated at a distance from the speaker.

Overall, the Al Ruwais conference room is now optimized for effective communication, seamless collaboration, impactful presentations, and comprehensive documentation, ensuring that meetings run smoothly and efficiently.

12 Wall Speaker | 16 Ceiling Speaker | 2 Wired Microphones | 2 Wireless Microphones | Digital Media Presentation | Table Top Touch Screen | Projector and Projection Screen





Selected References

The Shura Council | 2021

Al Shura's meeting room setup comprises three distinct spaces, each equipped to facilitate efficient and productive gatherings. The implementation includes Discussion Systems featuring Chairman and Delegate units, ensuring seamless communication during meetings.

To enhance the visual component, we integrated PTZ cameras equipped with auto-tracking features, guaranteeing dynamic and high-quality video capture. The centerpiece of the setup is the Crestron Digital Media Presentation System, coupled with Crestron Go on iPads for intuitive control.

Al Shura's meeting room AV system offers a robust platform for audio and video conferencing, presentations, and collaboration.

It includes a large display, high-quality cameras for remote participant visibility, top-tier microphones for clear audio, and exceptional speakers to ensure remote participants can hear with utmost clarity.

32 Seats Meeting Room

6 Ceiling Speakers

32 Discussion Mics

1 PTZ

98" LED Screen

IPAD

20 Seats Meeting Room

4 Ceiling Speakers

20 Discussion Mics

1 PTZ

75" LED Screen

IPAD

12 Seats Meeting Room

2 Ceiling Speakers

12 Discussion Mics

1 PTZ

65" LED Screen

IPAD





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