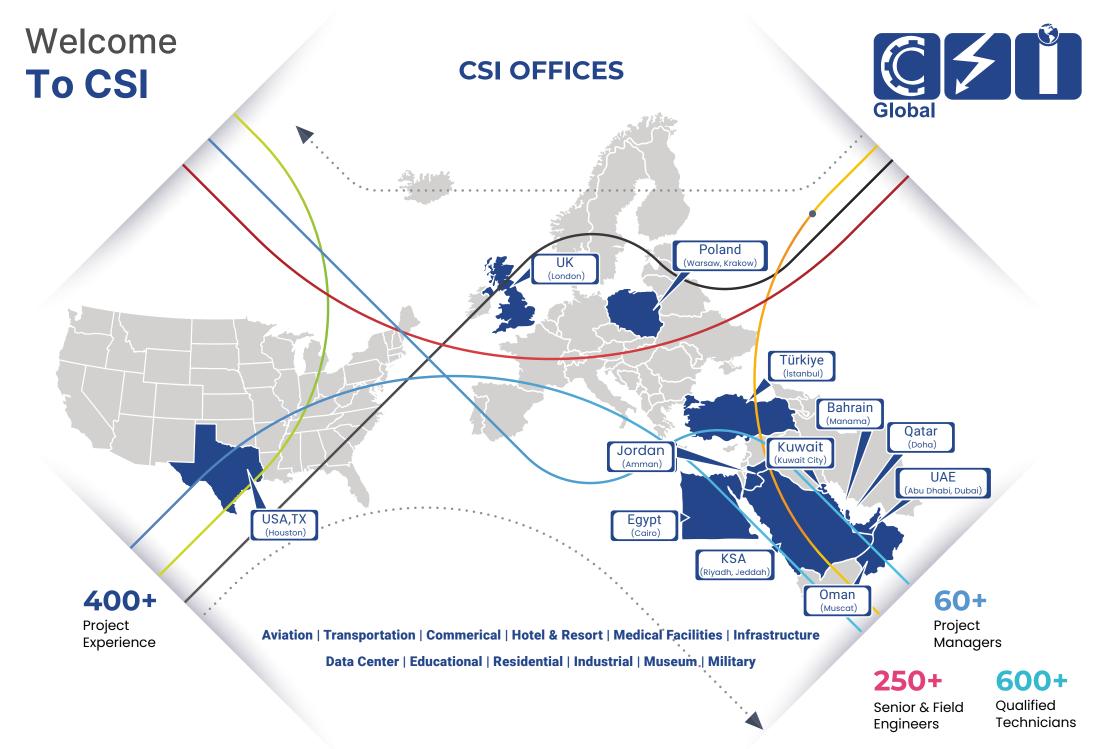


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"CSI: Engineering excellence with a focus on innovation, customer satisfaction, and quality assurance."

About **CSI Europe**

CSI Europe Sp. z o.o., with its strategic headquarters in Warsaw and a branch office in Krakow, serves as a pivotal presence in Europe, delivering comprehensive CSI services across the continent. Our ethos, "Converting Energy to Synergy," drives our commitment to revolutionize MEP Contracting with innovative, bespoke solutions that cater to diverse project needs.

Boasting over two decades of expertise in both the international and Polish construction markets, CSI Europe specializes in a broad spectrum of Electrical and Mechanical Contracting, and Engineering services. These services cover the entire project lifecycle from tender, through design, construction, and handover stage to the operation maintanance (FM).

Our team is adept at preparing detailed M&E concept designs and Bills of Quantities (BOQ) during the tender phase, particularly for large-scale projects, ensuring thorough planning and accurate cost estimation.

Our specialization extends to crucial infrastructure projects such as roads, tunnels, metros, hangars, and significant construction endeavors, including airports, hospitals, and hotels. We are dedicated to forging lasting partnerships with our clients, built on a foundation of trust and mutual respect, positioning ourselves as a reliable, long-term business ally.

We are committed to building long-term partnerships with our clients, ensuring trust and reliability. Our dedication to quality and environmental stewardship is reflected in our certifications, including AQAP 2110:2016 - NATO Quality Assurance, ISO 9001:2015, and ISO 14001:2015.

At CSI Europe, we strive to transform energy into synergy, emphasizing our focus on progress, innovation, and client satisfaction across all our services.





20+ Senior & Field Engineers



150+
Dedicated
Manpower



Our

Certificates & Affiliations

At CSI, we recognize the value of certifications for both our organization and our engineers. As a result, we have many international certifications and an internal certification program for our engineers.



NEBB provides certification and training for professionals in building systems commissioning, testing, adjusting, and balancing. NEBB-certified CSI professionals have the necessary knowledge and skills to properly commission, test, and balance building systems to the highest standards. The certification requires ongoing education and ensures that professionals stay up-to-date with the latest industry standards. Holding NEBB certification sets CSI professionals aport in the industry and provides added value and confidence to clients.



Several CSI specialists hold LEED Green Associate certification, which is a fundamental accreditation in sustainable design and construction. This accreditation allows our team to deliver sustainable solutions and services on all projects, proving our dedication to energy efficiency and sustainability. Our LEED accreditation distinguishes us in the market and gives our clients significant value and assurance that we will produce great outcomes in our projects.



CSI values ISO certification as it demonstrates our commitment to quality, environmental responsibility, and occupational health and safety management. Obtaining ISO certification means we have efficient operations that meet international standards, reducing risks and environmental impacts while achieving excellent outcomes. ISO accreditation requires continuous improvement, ensuring operational and service excellence.



CSI professionals with CSA certification have demonstrated their competency and expertise in commissioning services. CSA certification is an industry-recognized standard for excellence in commissioning, ensuring that professionals possess the necessary knowledge and skills to ensure the successful commissioning of building systems. Holding CSA certification sets CSI professionals aport in the industry and provides added value and confidence to clients. CSA certification requires ongoing education and training, ensuring that professionals stay up-to-date with the latest industry standards and best practices.



CSI has Certified Energy Managers (CEM) and Certified Measurement and Verification Professionals (CMVP) to meet the AEE requirements for energy efficiency and sustainability in our projects. This certification sets us aport in the industry and shows our commitment to exceptional results for our clients.



The AABC Commissioning Group (ACG) is a non-profit association dedicated to the advancement of independent third-party commissioning professionals.

ACG strives to promote a better understanding of the commissioning process by educating, training, and certifying qualified individuals as Certified Commissioning Authorities (CxAs), and Certified Commissioning Technicians (CxTs).



CSI is an ASHRAE member, and our employees hold ASHRAE Building Commissioning Professional credentials, confirming our dedication to building commissioning and energy efficiency. ASHRAE accreditation distinguishes us in the market and assures that we adhere to the most recent industry standards and best practices. csrs ASHRAE membership and accreditation adds value and trust to our clients while delivering great results in our projects.



As a member of the BSRIA association since 2017, CSI applies the codes and guidelines of BSRIA on its projects to ensure the highest standards are met. BSRIA is an industry-leading organization that provides guidance and support for building services engineering, and its codes and guidelines are widely recognized and respected in the industry. By adhering to BSRIA's standards, CSI ensures that its projects are of the highest quality and meet the expectations of its clients.



CSI's comprehensive training program for engineers and technicians, together with audits and quality control methods, enables us to maintain a high level of quality for our clients and assure consistency in all of our projects, regardless of location. our on-site training and interna! certification program, as well as our e-learning platform, ensure that our staff has the information and skills needed to achieve great outcomes. Our training program sets us apart in the business by assuring customers of our proficiency and knowledge, providing them with extra value and trust in our services.



AOAP 2110-2016

CSI has obtained the prestigious AQAP 2110:2016 certification. AQAP, which stands for Allied Quality Assurance Publications, is a set of quality management standards specifically designed for defense contractors and suppliers. The certification ensures that CSI adheres to stringent quality management practices, meeting the requirements and expectations of defense-related projects. By obtaining the AQAP 2110:2016 certification, CSI demonstrates its commitment to delivering high-quality services and products in the defense industry, further enhancing its reputation as a trusted and reliable partner.



NETA certification is a prestigious recognition within the electrical testing industry, particularly in the United States. Awarded by the InterNational Electrical Testing Association (NETA), this certification signifies CSI's dedication to upholding and surpassing the rigorous industry standards set forth by the ANSI/NETA ETT Standard for Certification of Electrical Testing Technicians.

As a NETA-certified company, CSI demonstrates its unwavering commitment to delivering top-tier electrical testing and maintenance services, whether within the United States or on projects overseas. This certification solidifies our standing as a trusted and proficient partner in the field of electrical testing and maintenance, further distinguishing us in the industry.



CSI offers comprehensive **consultancy services** for both **BREEAM** (Building Research Establishment Environmental Assessment Method) and **LEED** (Leadership in Energy and Environmental Design) certifications. With their expertise in sustainable building practices, CSI assists clients in navigating the intricacies of both systems. They provide guidance on meeting the specific requirements of BREEAM and LEED, helping clients develop strategies for energy efficiency, water conservation, indoor environmental quality, materials selection, and more. By offering consultancy for both BREEAM and LEED, CSI empowers clients to achieve their sustainability goals and contribute to a greener and more environmentally friendly built environment.



CSI Europe Services



Tender Stage

Tender Stage Engineering Value Engineering







Construction Stage

Electromechanical Contracting Installation & Supervision







Testing & Commissioning Stage

Commissioning & Documentation Testing, Adjusting & Balancing



Design & Permit Stage

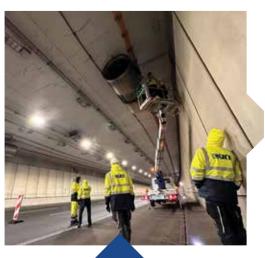
Design Development Stage Preparation of Execution Design

CSI Europe Services



Handover Stage

Close Out Documentation Client Training & Support





Energy & Sustainability

Energy Audit LEED Consultancy CSI Energy Solution & Review







Maintenance and Support Services

Operation Maintenance CMMS/CMMIS Preventive Maintenance Reactive Corrective Maintenance



Visit CSIEurope.eu For More

Electromechanical Contracting

HVAC, Plumbing, Fire Protection

- **Comfort Ventilation & AC:** Installation and maintenance of systems that ensure optimal indoor air quality and comfort.
- Cooling & Heating: Providing efficient temperature control solutions tailored to client needs.
- **Smoke Exhaust Systems:** Implementing systems to manage and remove smoke, enhancing safety in fire incidents.
- **Plumbing Works:** Installation and maintenance of domestic water and drainage systems, ensuring reliability and compliance.
- **Fire Protection Installation:** Setting up comprehensive fire protection systems, including hydrants, sprinkler systems, gas suppression, and water mist systems.





Electrical

- **MV & LV Systems:** Installation and maintenance of medium and low voltage systems, ensuring reliable power distribution.
- **Lightning & Earthing:** Implementing systems to protect against lightning and ensure proper earthing for safety and equipment longevity.
- **ELV Systems:** Installing and maintaining extra low voltage systems, including fire alarms, CCTV, access control, and data communication networks.

Engineering & Design

Commissioning & Documentation

- **Commissioning Management:** Overseeing the commissioning process to ensure systems meet design specifications and operational requirements.
- **LEED Commissioning Agent:** Providing specialized services to ensure buildings meet LEED standards for sustainability.
- **Retro Commissioning:** Enhancing existing buildings' energy efficiency and performance through expert analysis and adjustments.
- Cx Verification & Validation: Ensuring building systems function as intended through detailed verification and validation processes.
- Close Out Documentation: Delivering thorough documentation for maintenance, operation, and compliance purposes.





Testing & Diagnosis

- **Sound & Vibration Test:** Assessing and mitigating noise and vibration to meet performance standards and ensure comfort.
- Electrical Testing: Conducting comprehensive tests on electrical systems to ensure safety and optimal performance.
- Thermal Imaging Test: Utilizing thermal imaging to detect and address issues, enhancing energy efficiency and system reliability.
- Indoor Air Quality: Testing and improving indoor air quality to ensure a healthy environment for occupants.
- Building Envelope Test: Evaluating the building's exterior for energy efficiency, structural integrity, and environmental protection.
- **Duct Leakage Test:** Testing duct systems for leaks to improve efficiency and air quality.
- Tunnel Ventilation Test: Ensuring tunnel ventilation systems provide safe and effective air flow.
- Cold Smoke Test: Verifying smoke management systems' functionality to ensure safety in emergency situations.

Engineering & Design

Energy & Sustainability

- Energy Audit: Conducting detailed assessments to identify and implement energy-saving measures.
- CSI Energy Solution: Offering customized solutions to enhance energy efficiency in commercial and industrial settings.
- CSI Energy Review: Providing in-depth energy assessments to help businesses optimize their energy usage and sustainability.
- LEED Consultancy: Assisting projects in achieving LEED certification, promoting sustainable and efficient building practices.

Design & Construction

- Tender Stage Engineering: Crafting detailed M&E designs and BOQs for effective tender submissions.
- **Design Development Stage:** Verifying designs for compliance and optimizing for value and efficiency.
- Preparation of Execution Design: Creating detailed BIM models to guide construction and ensure accuracy.





Maintenance and Support Services

- **Preventive Maintenance Services:** Proactive management of facility upkeep to minimize disruptions and extend the lifespan of critical systems and equipment.
- Asset Coding in Facilities Management System: Utilization of advanced coding systems for efficient organization and maintenance of assets.
- Master PPM Planning: Development of planned preventive maintenance schedules for timely inspections and maintenance activities.
- **Specialty Subcontract Management:** Oversight and management of specialty subcontractors to ensure adherence to quality standards and seamless integration.
- **Proactive Maintenance and Compliance Assurance:** Compliance audits, and assurance programs for optimal facility performance.
- **Trouble Shooting and Retesting:** Surveying and troubleshooting of existing building services to restore peak efficiency and overcome system issues.
- **CMMS/CMMIS:** Computerized maintenance management systems with integrated helpdesk for efficient maintenance operations and informed decision-making.
- **Reactive Corrective Maintenance:** Prompt identification and rectification of faults to restore equipment/systems to operational condition.



CSI Europe Selected Projects





S2 Expressway Tunnel (Puławska - Lubelska)

Location: Poland

Scope of Work: Mechanical Contracting

- Hydrant installation
- Fire ventilation
- Transformer station
- Ventilation systems
- Tunnel gravity ventilation system

Scope of Work: Engineering & MEP Contracting (D&B)

- **Engineering Works**
 - Various Engineering Scopes
- Fire ventilation
 - Smoke dampers
 - Fresh air dampers

 - Smoke exhaust fans
 - Air supply fans

 - Air conditioning systems Evacuation Pressurization System
- Transformer station
- Ventilation systems
 - Air handling units
 - Electric transformer fans
 - Exhaust fans
 - Split and multisplit air conditioning systems
 - Gantry Crane for Ventilation Room
- Plumbing & HVAC Works in Technical Buildings



S52 Expressway (Modlnica - Kraków Mistrzejowice)

Location: Poland

Scope of Work: Engineering & Mechanical Contracting (D&B)



II metro line "Trocka""

Location: Warsaw, Poland
Owner/Developer: Warsaw Metro
Main Contractor: Astaldi, Gülermak
Scope of Work: Various Engineering Works



II metro line "Kondratowicza Station & Tunnel"

Location: Warsaw, Poland Owner/Developer: Warsaw Metro Main Contractor: Astaldi, Gülermak

Scope of Work: Electrical & Mechanical and Fire Hydrant Contracting



Warsaw Metro Line II "Szwedzka"

Location: Warsaw, Poland Owner/Developer: Warsaw Metro Main Contractor: Astaldi, Gülermak Scope of Work: Various Engineering Works



Haga Station

Location: Gothenburg, Sweden Main Contractor: Astaldi - Gulermak JV Scope of Work: Various Engineering Works



S2 Warsaw Expressway Wilanów - Lubelska

Location: Warsaw, Poland

Main Contractor: Astaldi. Gülermak

Scope of Work: Lighting system, Reserve Power System



Zealand University Hospital

Location: Koge, Denmark Main Contractor: Itinera

Scope of Work: Various Engineering Works, Testing & Commissioning Hand-On Works,

TAB, Handover Documentation



Military Aviation Hanger (WZL) Bydgoszcz

Location: Poland

Scope of Work: Various Engineering Works



European Investment Bank HQ

Location: Luxembourg Owner: EIB Consultant: IDOM

Main Contractor: Rizzani de Ecche, Ballast Nedam International JV Scope of Work: Testing & Commissioning Autoriry



Portonovi Project

Location: Kumbor, Montenegro **Client:** Azmont Investment

Main Contractor: Impresa Pizzarotti & C. S.p.A Scope of Work: Commissioning Management



Annopol Tramway Depot

Location: Warsaw, Poland Client: Warsaw Tramway Authority Main Contractor: ZUE

Scope of Work: Mechanical Contracting



STP Metro 2 Line Mory Depot

Location: Warsaw, Poland Client: Warsaw Metro Main Contractor: Gülermak

Scope of Work: Mechanical Contracting



CSI Global

Selected Projects

Abu Dhabi International Airport - Terminal A (Midfield Terminal)

Location: Abu Dhabi/ United Arab Emirates **Owner/Developer:** Abu Dhabi Airports Company (ADAC)

Client: ADAC

Consultant/PM: AECOM

Main Contractor: 2012-2021 TCA-JV (TAV, CCC, Arabtec JV) 2021-2023 Trojan Construction

Scope of Work:

- MEP Systems Commissioning Management
- IT Systems Commissioning Management
- Cause & Effect Management
- Construction Snagging Tracking, Coordination Support & Facility Management
- Testing, Adjusting & Balancing Works
- Corrective Maintenance
- Electrical Testing
- Energization of All Systems

11,000 passengers every hour

As one of the largest airport terminals in the world, the facility covers nearly 8 million square feet and will accommodate up to 45 million passengers per year, processing 11,000 travelers per hour and handling 79 aircraft at any given time.

The terminal is also equipped with industry-changing technology, allowing passengers to pass through seamlessly. A range of interconnected biometric systems installed are expected to provide a digitized journey from pre-travel to boarding thanks to self-service kiosks, streamlined security checkpoints, and reportedly the world's largest baggage handling system.



King Khalid International Airport

Location: Riyadh, Kingdom of Saudi Arabia

Owner/Developer: General Authority of Civil Aviation (GACA)

Consultant: AECOM

Main Contractor: Al Rashid Trading & Contracting Company - IC Ictas Saudi Arabia Limited Joint

Venture (RTCC-IC JV)

Scope of Work: Commissioning Authority



Hamad International Airport

Location: Doha, Qatar

Owner/Developer: Qatar Civil Aviation Authority

Consultant: Dar Al-Handasah

Scope of Work: HVAC System Commissioning, Hand Over Package



Bahrain International Airport Modernization

Location: Manamah, Kingdom of Bahrain **Owner/Developer:** Bahrain International Airport

Consultant/PM: Hill International Main Contractor: TAV Arabtec JV MEP Sub-Contractor: SONMEZ

Scope of Work: Commissioning Verification / HVAC System Commissioning Management



Doha International Airport

Location: Doha, Qatar

Owner/Developer: Qatar Civil Aviation Authority

Consultant: Dar Al Handasah

Scope of Work: Recommissioning, Survey And As Built Generation



AMMROC - Advance Military Maintenance, Repair and Overhaul Center

Location: Al Ain, United Arab Emirates Owner/Developer: AMMROC Consultant/PM: ECG & AECOM Main Contractor: MESCO - JV

Scope of Work: MEP Systems Commissioning Management, COD, BIM



Jubail Naval Air Base

Location: KSA

Scope of Work: HVAC System Commissioning, Hand Over Package



HIA Western Taxiway & Stand Development

Location: Doha, Qatar

Owner/Developer: Qatar Civil Aviation Authority

Consultant: Misa

Scope of Work: Testing & Commissioning Management, ORAT for Airport expansion



Falcon 5 Air Base

Location: Qatar

Scope of Work: Testing & Commissioning Management, Close Out Documentation



Sky Walk Bridge Granada

Location: Riyadh, Kingdom of Saudi Arabia

Client: OSOOL

Consultant/Contractor: JLL

Scope of Work: MEP Construction Works



Expo 2020 South Stations

Location: Dubai, United Arab Emirates

Client: RTA

Consultant/PM: Systra & Persons Main Contractor: EXPOLINK 2020 MEP Contractor: Berksan

Scope of Work: Electrical works Installation, Fiber Optic and BMS

Cable Pulling and Termination, Electrical Testing



KAFD Conference Center P A-01

Location: Riyadh, Kingdom of Saudi Arabia **Client:** King Abdullah Financial Distinct

Consultant/Contractor: King Abdullah Financial Distinct Parcels

Scope of Work: Fire Life Safety Design & Built



Etihad Lounge in MTB Abu Dhabi

Location: Abu Dhabi, United Arab Emirates

Client: Etihad Airways

Consultant/Contractor: Etihad Airways Scope of Work: MEP Construction Works



New Zealand Pavilion - EXPO 2020

Location: Dubai, United Arab Emirates

Client: EXPO 2020

Consultant: MOTT MACDONALD

Main Contractor: Cimolai Rimond Middle East GC LLC

MEP Contractor: MADEENA ALFUNOON LLC Scope of Work: Electrical Works Installation



Quantum Switch Data Centre

Location: Dammam, Kingdom of Saudi Arabia

Owner/Developer: Saudi ARAMCO

Consultant: BSE3D

Main Contractor: Jones Engineering Saudi Arabic Ltd. Scope of Work: HVAC Commissioning & TAB



Riyadh Metro Line 3 (22 Stations, 2 Depots)

Location: Riyadh, Kingdom of Saudi Arabia Client: Royal Commission for Riyadh City (RCRC)

Main Contractor: "ANM" consortium - Webuild (leader - Italy), L&T

(India), Nesma (KSA), Hitachi (Italy/Japan), and Alstom (UK) Scope of Work: Testing & Commissioning Management



MISK School Campus

Location: Riyadh, Kingdom of Saudi Arabia

Client: MISK (Misk Foundation)

Consultant/PM: WSP

Main Contractor: SAB, Saudi Arabian Baytur Company Scope of Work: Commissioning Management, Testing, Adjusting & Balancing Works





CP03 Package: Parcels 4.02, 4.07 &4.08 Consultant/PM: Parsons and Dar Al Handasa

Main Contractor: UNEC, United Engineering Construction Company

Scope of Work: MEP Systems Commissioning Management, HVAC Systems

TAB Works and COD

CP04 Package: Parcels 2.05, 2.08, 2.09, 2.10, 2.11, 2.12

Consultant/PM: Saudi Arabian Baytur Company Main Contractor: SAB, Saudi Arabian Baytur Company

Scope of Work: MEP Systems Commissioning Management and COD

J01 Package: Parcels 4.04, 5.03, 5.04, 5.05 & 5.06 Consultant/PM: Jones Lang LaSalle Incorporated JLL and Dar Main Contractor: SAB, Saudi Arabian Baytur Company

Scope of Work: MEP Systems Commissioning Management, HVAC Systems

TAB Works and COD

J03 Package: Parcels 1.09, 1.10, 1.11, 1.14 & 1.15 Consultant/PM: Jones Lang LaSalle Incorporated JLL Main Contractor: Shapoorji Pallonji Company Scope of Work: HVAC Systems TAB Works

Parcels 2.13, Saudi ARAMCO Tower

Consultant/PM: Dar International

Main Contractor: SAB, Saudi Arabian Baytur Company Scope of Work: MEP Systems Commissioning Management

J02 Package: Parcels 3.09, 3.10, 5.01, & 5.02

Consultant/PM: Jones Lang LaSalle Incorporated JLL and Dar Main Contractor: Mohammed M. Al Rashid Co. (MARCO), Al Rashid

Trading & Contracting

Scope of Work: MEP Systems Commissioning Management, HVAC

Systems TAB Works and COD



Public Investment Fund (PIF) Tower

Location: Riyadh, Kingdom of Saudi Arabia **Client:** King Abdullah Financial District (KAFD)

Consultant/PM: Parsons

Main Contractor: Absal Paul Contracting

Scope of Work: HVAC System Commissioning, and Testing, Adjusting & Balancing Works



Ajdan Waterfront Development

Location: Al Khobar, Kingdom of Saudi Arabia Owner/Developer: AJDAN /Al Oula Real Estate Consultant/PM: EHAF Consulting Engineers Main Contractor: MASAH Company Scope of Work: Commissioning Authority



Riyadh Metro Line 2 (6 Surface Stations)

Location: Riyadh, Kingdom of Saudi Arabia

Owner/Developer: Arriyadh Development Authority (ADA)

Consultant: Riyadh Metro Transit Consultants

Main Contractor: BACS JV

MEP Sub Contractor: HAPCO Co.

Scope of Work: Testing Adjusting and Balancing Works



Katara Hospitality Tower

Location: Doha, Qatar **Client:** Katara Hospitality

Main Contractor: HBK Contracting

Scope of Work: Commissioning Management



Some Of Our Clients





























































Some Of Our Clients













































































The Most Powerful Software for Your Construction

Videntium is a web-based construction project management application that facilitates communication and collaboration between teams and stakeholders involved in the planning and execution phases of a construction project.







Building Assessment Tool

Designed to empower personnel to efficiently collect and organize the essential information about any type of building or dilapidation projects.



Track and report construction progress in real-time



Document & Work Flow

Project management software designed to efficiently manage documents, collaboration, and workflows across diverse stakeholders, enhancing project transparency and productivity.



Cause & Effect

Simplifies the planning and execution of cause-and-effect procedures that are vital for every construction project.



Asset & Facility Management

Designed to provide an efficient platform for asset, maintenance, manpower, helpdesk, and procurement functions



Testing & Commissioning

Designed to be flexible and modular, with the ability to manage test and commissioning stages seamlessly, ensuring effective testing and commissioning processes.



Help Desk

Designed to provide real-time tracking and reporting of Reactive Maintenance Activities.



Testing, Adjusting, & Balancing

Designed to elevate every aspect of the TAB process while adhering to NEBB standards









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