



**MACKINS TRADING & CONTRACTING W.L.L**

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**AS A VALUE-ADDED  
INTEGRATOR, WE CAN OFFER  
YOU A WIDE SELECTION OF THE  
HIGHEST PERFORMANCE  
SYSTEMS THAT ARE AVAILABLE  
IN THE MARKET TODAY**



## **THE COMPANY**

MACKINS provides a complete range of Building Automation services through a highly experienced Engineering & Project Management team fully complying to time, cost and quality requirements of projects.

MACKINS has delivered exceptional performance and earned a reputation as a highly dependable Specialist MEP Contractor in Qatar. We also offer our clients a high performance facility operation that improves productivity; reduces energy consumption & operating costs thereby providing long-term value.

MACKINS Maintenance Division is one of the most active maintenance contractors in Qatar, specializing in Facility Management & maintenance of MEP Building Services including Mechanical, Electrical and Plumbing equipment.

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**INTRODUCING MACKINS, THE  
ULTIMATE SOLUTION OF ALL YOUR  
ENGINEERING NEEDS.**

**WE HAVE BUILT THE TRUST  
THROUGH YEARS WITH EXCELLENCE  
AND PROFESSIONALISM**

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## OUR MISSION

To create a unique alchemy of outstanding products, operational excellence, path breaking customer service, and compelling marketing.



## OUR VISION

A label, 'MACKINS', that is trusted and respected worldwide.



## OUR VALUES

- Dependability
- Reliability
- Loyalty
- Commitment

## OUR SERVICES

We offer a comprehensive service covering consultancy, design, project management, engineering, installation and all the essential support services. 24-hour coverage comes as standard, wherever you are in Qatar, as well as a controls response center offering remote dial-in and technical assistance.

We also pride ourselves on our independence so we can give you impartial advice as well as a fast and efficient service, whatever system you require.



- Building Management System (BMS)
- Extra Low Voltage System (ELV)
- Fire Detection & Suppression System
- Integrated Facility Maintenance (IFM)
- Energy Management System
- Talent Sourcing (Oil And Gas)
- Panel Integration & Automation





# BUILDING MANAGEMENT SYSTEM (BMS)



We provide a complete BMS solution that controls and monitors the building’s mechanical and electrical equipment such as Ventilation, lighting, power systems, fire systems and security systems.

## They help:

- Monitor the use of facility infrastructure - power, space, equipment, building systems and even security - across geographies, from one location, and real-time.
  - Raise operational efficiencies with a combination of cutting-edge hardware and proprietary software.
  - Network monitor and control individual components or equipment in a large, internet like universe.
  - Sharpen your business intelligence in areas that matter, i.e. cutting down waste across your enterprise; optimal use of resources; and reducing day-to-day operational expenses.
- Our Integrated BMS and consultancy services are all designed towards helping clients operate their facilities in the most efficient and economical way possible. We are excelling experts in:
    - DESIGN
    - SUPPLY
    - INSTALLATION
    - TESTING
    - COMMISSIONING
    - MAINTENANCE
    - TROUBLE SHOOTING

We are an authorized representative of **Honeywell** USA. We have extensive experience in design, engineering, testing and commissioning of Building Management.

# EXTRA LOW VOLTAGE SYSTEM (ELV)

Using the highest quality panel components to ensure the maximum reliability, safety and quality standards, our qualified staff of engineers and technicians will handle the project details from design to manufacturing as well as after sales support services.



- LIGHTING CONTROL SYSTEM
- ACCESS CONTROL SYSTEM
- ENERGY MANAGEMENT SYSTEM
- EMERGENCY LIGHTING SYSTEM
- PUBLIC ADDRESS AND VOICE ALARM(PAVA) SYSTEM
- PLC/SCADA INSTRUMENTATION
- STRUCTURED CABLING
- SMATV/IPTV SYSTEM
- INTERNAL AND EXTERNAL LANDSCAPE LIGHTING
- SYSTEM INTEGRATION
- NETWORK COMMUNICATION
- VIDEO/AUDIO MANAGEMENT SYSTEM
- GUEST ROOM MANAGEMENT SYSTEM
- VIDEO WALL/LED DISPLAY
- INTRUSION DETECTION SYSTEM
- LIFE AND SECURITY SYSTEMS
- CCTV
- GATE BARRIERS
- AUTOMATIC & SLIDING DOORS
- PARKING MANAGEMENT SYSTEM



## FIRE DETECTION & SUPPRESSION SYSTEM



MACKINS Fire Protection System Division is specialized in Design, Engineering, Integration, Testing, Commissioning and Maintenance of the following Fire Protection Systems.



Fire Detection and Alarm System



Automatic Sprinkler System



Fire Hose Reel and Hydrant System



Emergency Evacuation System



Fire Suppression and Fighting System



FM200-Clean Agent System



Central Battery system

## INTEGRATED FACILITY MAINTENANCE (IFM)

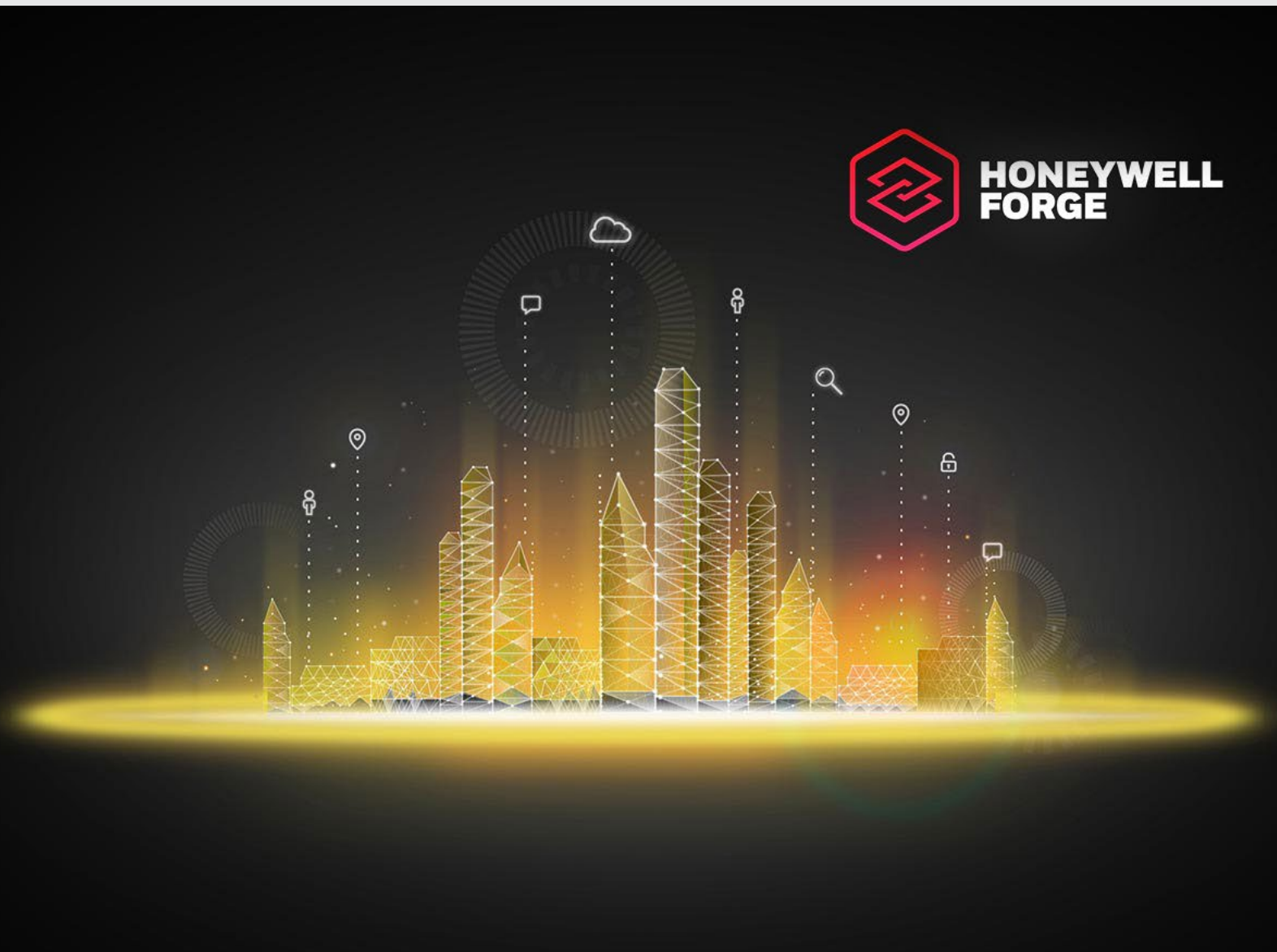


We take pride in employing the best workforce in our field of expertise and technical knowledge that enable us to execute critical projects & provide maintenance services in specified time schedule without compromising on quality and safety. We are an equal opportunity employer committed to Health, Safety and Environment responsibility of our employees. A hand on and very capable team comprising of Managers, Engineers, Supervisors and Technicians who are competent across all areas of property maintenance 24x7.

- Pre-Engineering, Feasibility Study and Report Submission
- Technical Coordination and Supervision
- Preventive, Predictive and Corrective Maintenance of:
  - Electrical System and Equipment's
  - HVAC Equipment's
  - Plumbing & Drainage Services
  - Fire Protection System
  - Building Management Systems
  - Extra Low Voltage System
- Annual Maintenance Services for utilities and Equipment's



## ENERGY MANAGEMENT SYSTEM



An innovative SAAS application for Building Portfolio.

Being a premium partner of **Honeywell** we would like to introduce the new technology **Honeywell** FORGE. It is an artificial intelligence and Machine Learning based Software solution for buildings.

As the world is changing to digitalization, we are pursuing for the digitalized maintenance of all buildings in Qatar. It helps the building owners to save Approx. 20% of their over all Expenditure and Predictive maintenance of the Equipments.

## TALENT SOURCING (OIL AND GAS)

TALENT SOURCING – An engineering workforce solutions for oil and gas. We are the experts in sourcing, screening, choosing and on boarding qualified personnel to meet your human resource need.

Our vision to provide exceptional technical roles in Oil and Gas industry in Middle east. We are proud to assist our clients from the engineering phase of their projects through to your operations.

### OUT SOURCING TALENT RANGES AS FOLLOWS:

- Manager( All Discipline )
- QA/QC inspector civil
- QA/QC inspector mechanical
- QA/QC inspector Electrical and E &I
- QA/QC inspector welding
- Engineers (All discipline )
- Civil, mechanical and Electrical supervisors
- Piping supervisor
- Civil Foreman
- Mechanical and Electrical Foreman.



### OTHER CATEGORIES:

- NDT Technician
- Welder
- Fitter
- Rigger
- Scaffolder
- Electrician
- Insulator/Duct worker

## PANEL INTEGRATION & AUTOMATION

Mackins panel division provides solution for control panels in commercial & industrial applications. We design, manufacturing & factory testing for wide range of Control panel with extreme quality as per Customer requirement in line with QCS standards.

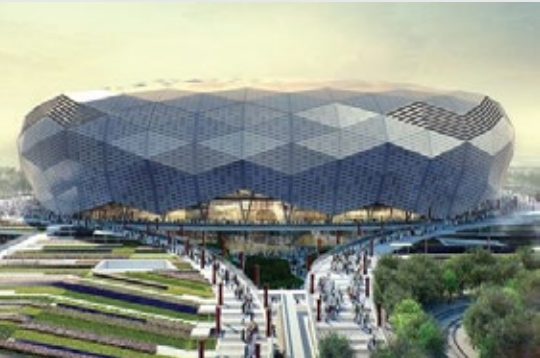
The panel integration facility holding very prestigious ISO Certifications. We meet the requirements for Oil & gas industries and other companies as we have air conditioned factory with well trained technicians. The facility of integration and staging includes conference room, power distribution (Various ratings), various testing tools, Test jigs & Simulators, High speed Wi-Fi and work stations for software FATs. We manufacture & integrate below panels.

- DDC/FCU PANELS
- MCC PANELS
- VFD panels.
- PLC PANELS
- FEEDER PILLER PANELS.
- SYSTEM & MARSHALLING PANELS.
- NETWORK PANELS.
- IRP PANELS& SYSTEM CONSOLES.
- DCS PANELS.
- PDB PANELS





MAJOR PROJECTS



QATAR FOUNDATION STADIUM

**Scope**  
Supply, testing & commissioning of BMS  
**Client**  
Supreme Committee for Delivery & Legacy



RAS ABU ABOUD STADIUM

**Scope**  
Supply, installation, testing & commissioning of BMS  
**Client**  
Supreme Committee for Delivery & Legacy



CP7B LUSAIL PLAZA CAR PARK

**Scope**  
Supply, testing & commissioning of BMS  
**Client**  
Qatari Diar Real Estate Investment Company



AL RAYYAN STADIUM

**Scope**  
Supply, testing & commissioning of BMS  
**Client**  
Supreme Committee for Delivery & Legacy



LUSAIL STADIUM

**Scope**  
Supply, installation, testing & commissioning of BMS  
**Client**  
Supreme Committee for Delivery & Legacy



AL THUMAMA STADIUM

**Scope**  
Supply, testing & commissioning of BMS  
**Client**  
Supreme Committee for Delivery & Legacy



KAHRAMA CUSTOMER CENTER & AMI CENTER

**Scope**  
Supply, installation, testing & commissioning of BMS and lab controls  
**Client**  
Kahramaa



AL ANDALUS SCHOOLS COMPLEX

**Scope**  
Supply, installation, testing & commissioning of BMS  
**Client**  
Al Andalus Schools



KATARA HILLS @KATARA PLAZA

**Scope**  
Supply, installation, testing & commissioning of BMS  
**Client**  
Aspire Zone Foundation



AL SHEREEF HEAD QUARTER @ LUSAIL ENERGY CITY

**Scope**  
Supply, testing & commissioning of BMS  
**Client**  
Al Shereef Enterprises



ENERGY CENTER @ AL BAYT STADIUM

**Scope**  
Supply, testing & commissioning of BMS  
**Client**  
Qatari Diar Real Estate Investment Company



GEWAN ISLAND

**Scope**  
BMS, Lighting Control System, Home Automation, Video Wall, Public Address System, Central Battery System and PLC Instrumentation  
**Client**  
Supreme Committee for Delivery & Legacy



WAJBA PALACE

**Scope**  
Supply, testing & commissioning of BMS  
**Client**  
Qatari Diar Real Estate Investment Company



## HSE POLICY

MACKINS HSE Policy describes the requirements of health, safety and environmental at work imposes a statutory duty on employers to ensure how reasonable and practicable the health, safety and environmental conditions of their employees are whilst at work. Employees also have a statutory duty to take care of themselves and others who may be affected by their acts or omissions. To enable these duties, MACKINS will ensure that:



- There are adequate resources to ensure proper provision can be made for health and safety.
- System of work is provided and maintained for ensuring safety and no risk to health.
- All accidents, incidents spill and releases are preventable.
- All employees are provided with information, instruction, training and supervision as necessary to secure their safety and health at work and the safety of others.
- The work place is safe and there is adequate access to and from the work place.
- Health, safety and environmental performance being measured and continuously improved.

MACKINS maintains one of the safest work records of companies in Oil and Gas and other related industries we are involved in, and we are committed to continual improvement towards perfection.

We make sure all our team are well aware about occupational health and safety management system 45001:2018 and Environmental management system 14001:2015.

## QUALITY POLICY

Mackins engineering services emphasis the quality of services by reviewing and setting up the objectives to improve the effectiveness of QMS(ISO 9001:2015).

Meeting these high standards is the responsibility of the entire Mackins team. We have a shared commitment to the continual improvement and effective operation of the Quality management system for the achievement of this policy and the objectives derived from it.

## CLIENTS



## OUR PARTNERS

