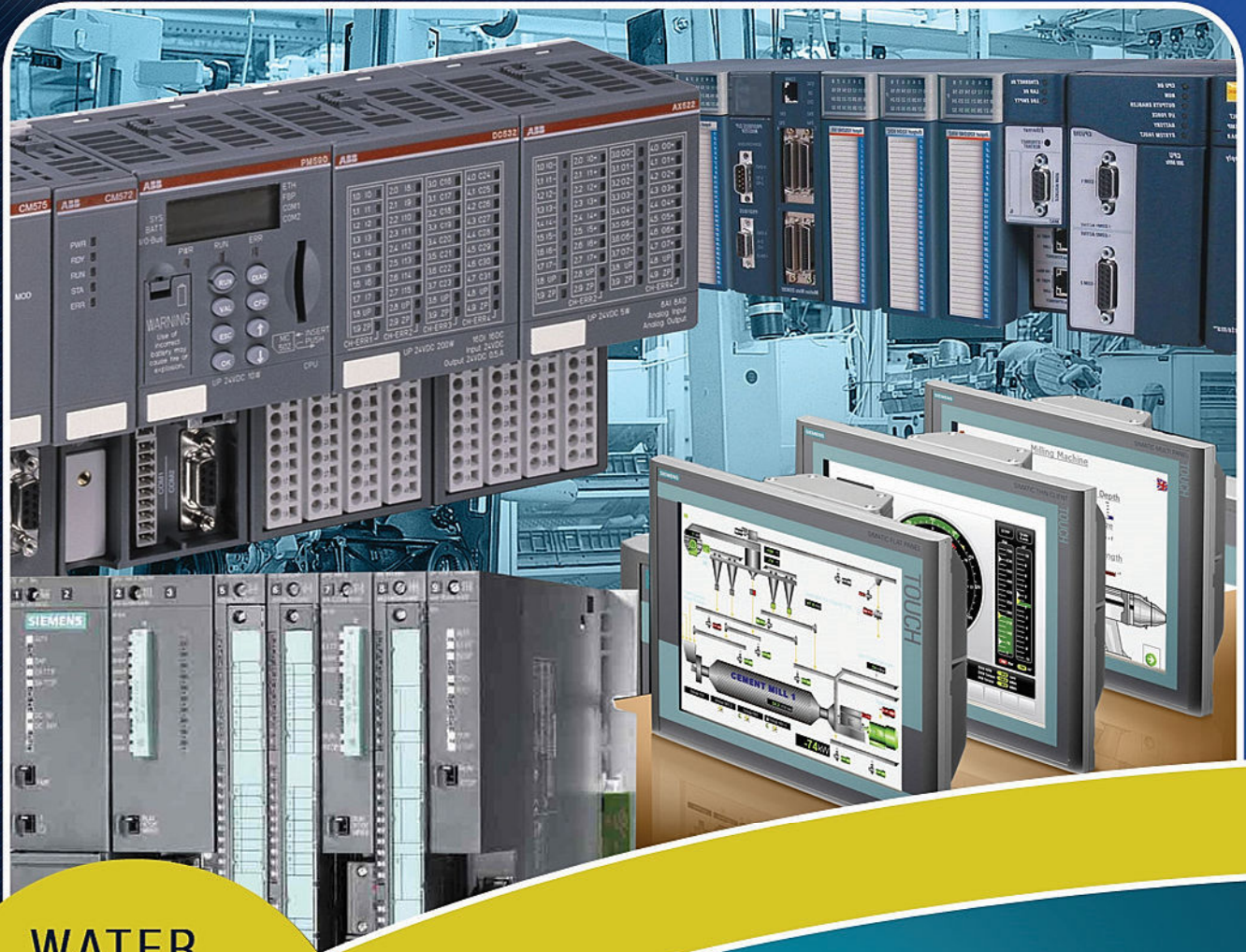




Gulf Automation System Co.



WATER
POWER
BMS
OIL & GAS

Your preferred automation partner ...



About Us

Gulf Automation System Company is a subsidiary of Gulf Switchgears Company in Qatar. Gulf Switchgears having its presence in Qatar since 2005 is an ISO 9001:2008 company which is known well in market for its MV panels and is an authorized system builder for General Electric – Europe.

Gulf Automations emerged to fulfill the gap in industrial automation market which is seeking for a reliable partner in Qatar. Being proven locally for the quality service and having a track record of completing major automation tasks in various platforms along with experienced manpower assigned for the task, Gulf Automations is confident on conquering the Automation market in the state of Qatar.

Our Vision

- *Gulf Automations shall be the most trusted, respected and preferred automation partner*
- *Innovate beyond customer expectation*
- *To believe in "Customer satisfaction is the ultimate performance indicator"*
- *To be a reference/benchmark company for service industry*

Why We ?

1. *Qatar Company with ISO 9001 Certification*
2. *Domain expertise*
3. *Geographical advantage for Panel Integration with huge infrastructure and FAT facility*
4. *24 x 7 Customer Support*
5. *Turnkey solution provider (C&I + Electrical + Field Erection)*
6. *Well known in the market for Quality and Timely Support*

Quality Policy

Quality cannot be compromised based on customer / project value / project timeline / project domain.

1. *ISO 9001:2008*
 2. *Periodic and proper training to engineers*
 3. *Up to date knowledge on technology*
 4. *Planned execution*
 5. *Knowledge on local rules, regulations and specifications*
- The above policies will ensure a product / service from Gulf Automations be compared for quality in market.*

Integration Facility

We have a fully equipped factory where we assemble Control Panels. Our manufactured Control Panels may be custom designed by Gulf Automations standard or can be built according to client Engineering Specifications. Components used may be according to client preference, or we will recommend which brands to be used based on cost versus performance for each Control application. We can replicate the designs for client requirement, serving as manufacturer or as an extension of clients operation at times when demands for production call for greater volume than is possible from client's in-house facilities.

We have about 30,000 Sq.ft facility including warehouses for manufacturing panels. We have our own systems and accessories for building a control panel. More than 100 control panels can be assembled at same time in our factory shop. A team of 50 well trained engineers and technicians enable us to complete our jobs on time.

Our electrical system panels are type tested for Asta and Kema certificates.



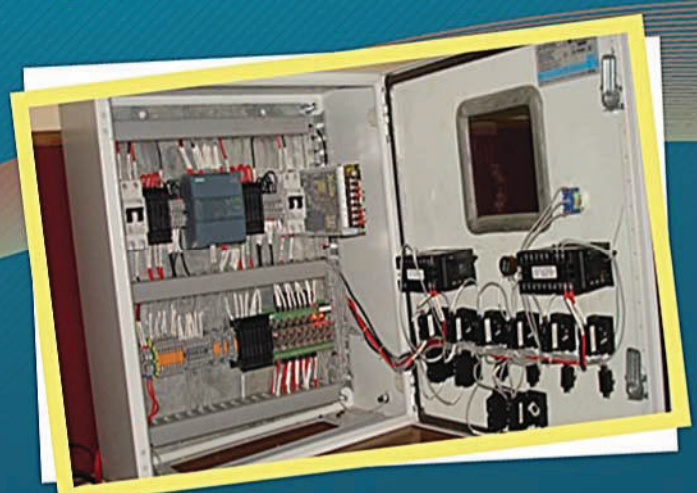
Training

As in the field of Industrial Automation products, software's and technology updates faster; it becomes mandatory for the companies to get adopted for the same promptly. We have our own training department for training our Engineers on regular basis to keep them updated on the latest changes in the industry enabling for proper service to the customers. We also provide training for individuals / companies.



In house training kit consists of

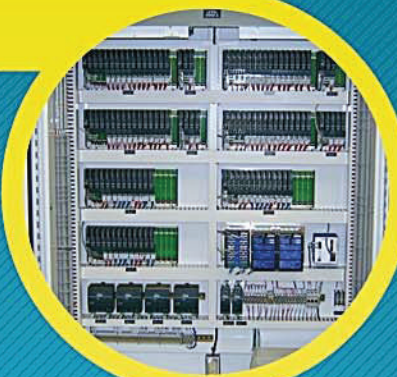
- PLC
- PC based SCADA
- HMI
- Drive and Motor Combination
- Switchgears



Systems and Solution Spectrum

Automation Systems

- Programmable Logic Controller (PLC)
- Distributed Control System (DCS)
- Supervisory Control and Data Acquisition (SCADA)
- Telemetry/ Remote Monitoring and Control
- Variable Frequency Drive (VFD)
- Vision system solutions



Instrumentation Systems

- Field Instrumentation Items
- Calibration
- Fire & Gas detection Systems



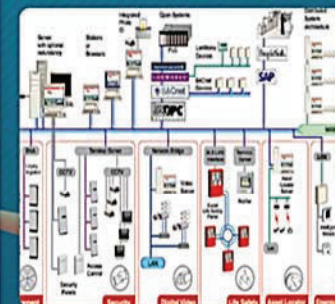
Electrical Systems

- Motor Control Center (MCC) / (IMCC)
- Power Control Center (PCC)
- Soft Starter Panels
- MIMIC / MOSAIC Panels
- Control & Relay Panels
- Energy Management Study and Solutions



Services

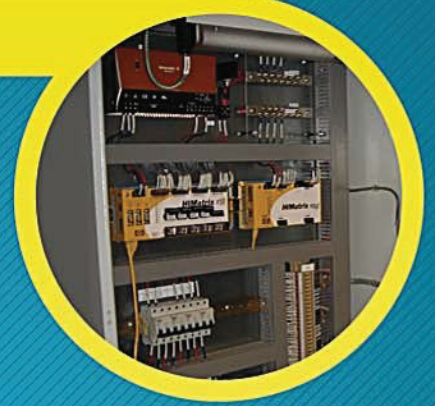
- Design & Engineering
- Programming Software Development, Simulation & Testing and Commissioning
- HMI / SCADA Screens Development, Simulation & Testing and Commissioning
- Site Erection and Commissioning
- Training
- Annual Maintenance Contract (AMC)
- Engineering Documents Digitization / Validation
- Status information: Reporting product operation, performance and usage.
- Diagnostics: Remote monitoring, troubleshooting, repair and maintenance of networked devices.
- Upgradability: Improving the performance or features of products or services.
- Profiling: Tracking variations in performance, usage, and territorial requirements used to create a customized or predictive response for specific end - users.



Project Management Process

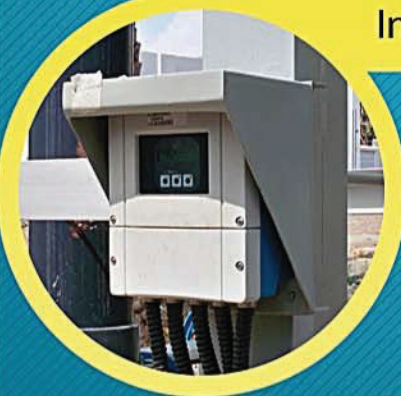
Automation

- **Design & Engineering**
 - General Arrangement, Input Output assignment list, Bill of Materials, Wiring Scheme, Heat calculation, As- built & As commissioned drawings
- **FDS Preparation, Flow Chart, SCADA Development, Control Logic Development**
- **Erection Drawings**
 - Cable Schedule, Routine Drawings, Cable Tray Support Drawings, Earthing Drawings
- **Control Room Layout, Field Commissioning Network Layout**
- **Integration**
 - Assembly, Wiring, Labeling, Continuity Testing, Panel Powering, Simulation & Testing
- **Factory Acceptance Test (FAT)**
- **Erection, Commissioning, Trail Run**
- **Site Acceptance Test (SAT)**
- **Handing Over, Training, O&M Documentation, Maintenance Support**



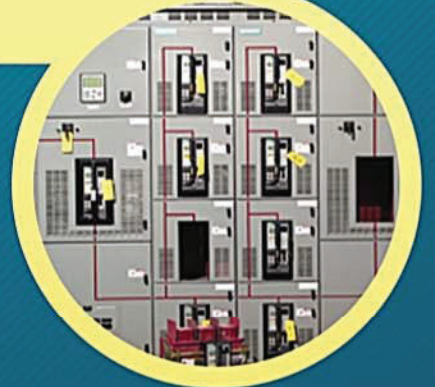
Instrumentation

- **Design & Engineering**
 - Design Documents, Datasheet Preparation, Bill of Materials, P & I Drawings, Loop Drawings, Field Cabling Schedule, Hook Up Drawings, Erection Drawings, Instrumentation Location Drawings
- **Supply of Field Instruments, Internal Testing**
- **Site Erection, Fixing of Instruments, Calibration, Commissioning, Handing over, O&M Documentation, Training and Maintenance Support**

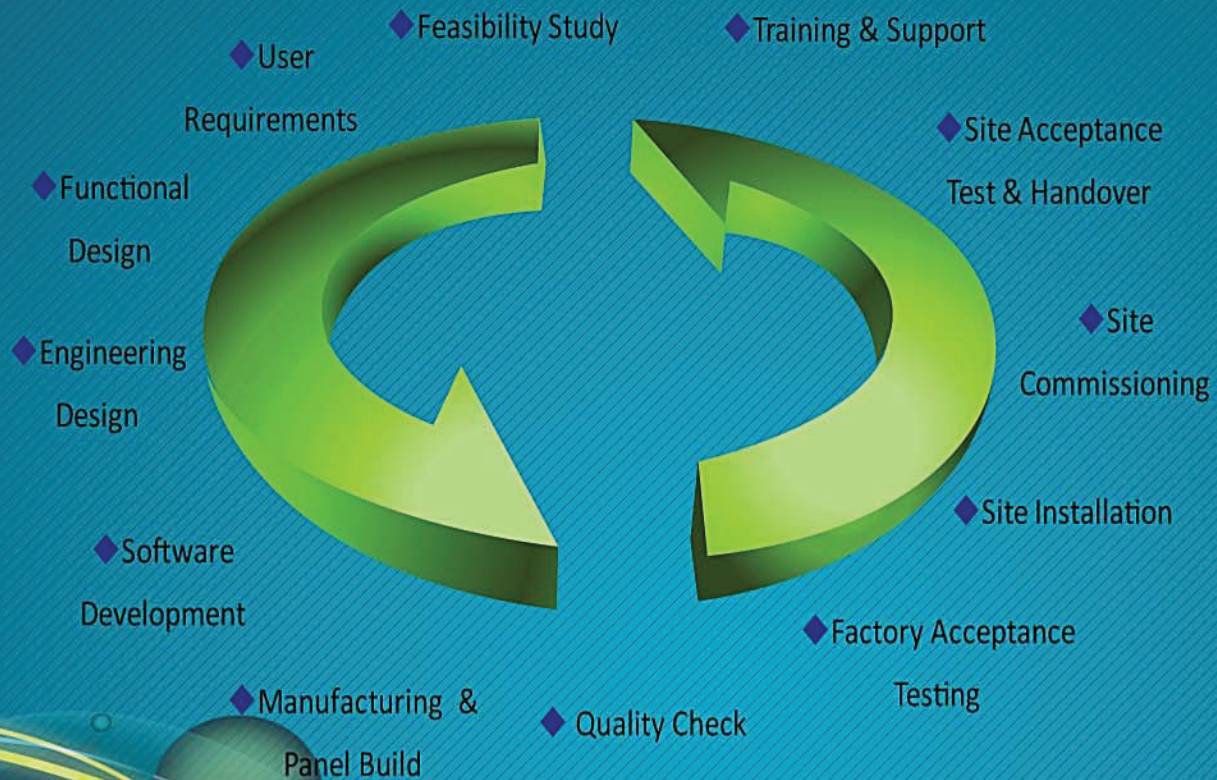


Electrical

- **Design & Engineering**
 - General Arrangement, Bill of Materials, Wiring Scheme, As- built & As commissioned drawings
- **Field Erection Drawings**
 - Cable Schedule, Routing Drawings, Cable Tray Support Drawings, Earthing Drawings
- **Integration**
 - Switchgear & Busbar Assembly, Wiring, Labelling, Panel Powering & Testing



Project Management Cycle



PLC and SCADA Platforms

ABB

SIEMENS



**Rockwell
Automation**

**Schneider
Electric**

Honeywell

Conversant Instruments

WIKAI

PEPPERL+FUCHS
SENSING YOUR NEEDS

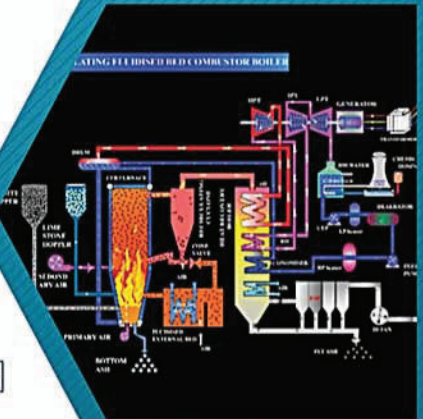
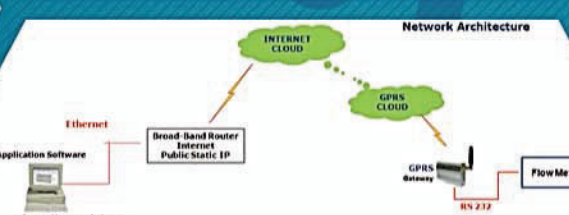
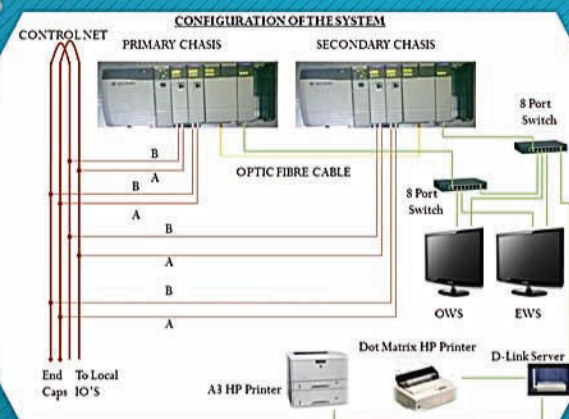
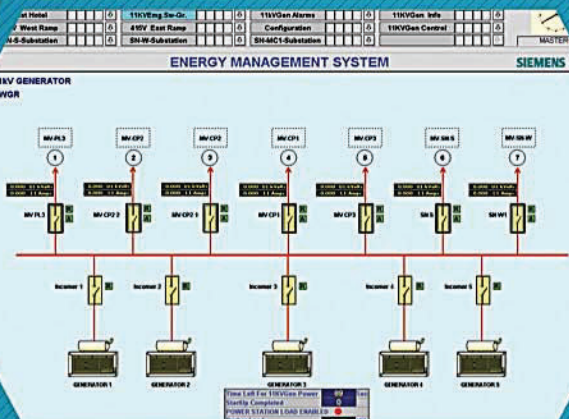
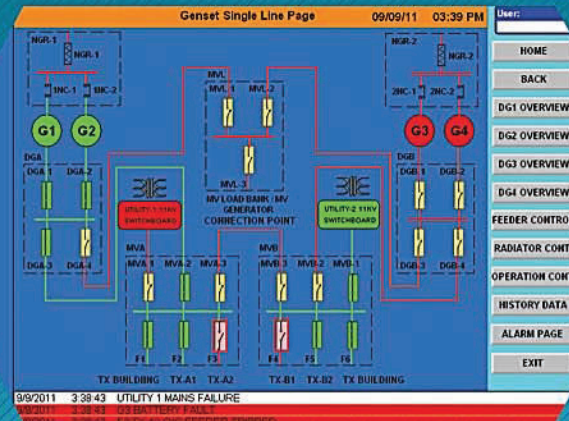
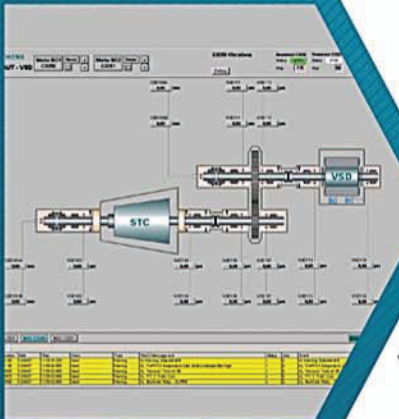
Endress+Hauser
People for Process Automation

**Forbes
Marshall**

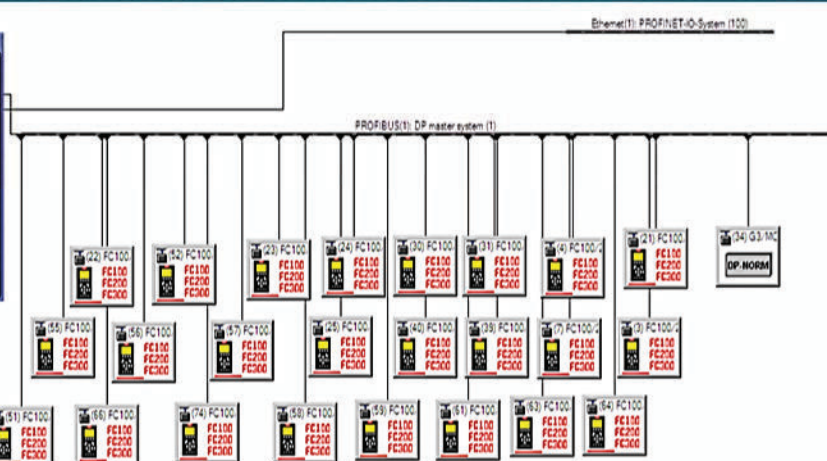
ASHCROFT

EMERSON

Project References



Slot	Component
1	PS 3075A
2	CPU 3172 PN/DP
X1	API DP
X2	PIVAD
X2 P1	Port 1
3	
4	DI24-DC24V
5	DO24-DC24V/0.5A
6	AI2x12Bit
7	AO4x12Bit
8	
9	
10	
11	





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