

The background image shows an industrial facility, possibly a refinery or chemical plant, under a dramatic, golden-hued sunset sky. A large, powerful water spray is directed towards the center of the facility, creating a misty effect. The foreground is a flat, snow-covered field. The overall color palette is dominated by warm oranges, yellows, and reds from the sunset, contrasting with the white snow and the grey industrial structures.

JDEH

Iras Design Eng. & Humanresources

Process Automation & Control Solution

Process Automation & Control Solution



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

IQNet and
DQS GmbH Deutsche Gesellschaft zur Zertifizierung von Managementsystemen
hereby certify that the company

Iras Design Engineering and Human Resources (IDEH)

Head Office: Unit 2, No. 60, Alkhami Blv.,
South Shiraz St., Kordestan Highway
Tehran - Iran

has implemented and maintains a **Quality Management System**.

Scope:
Engineering and Procurement Services
for Electrical, Automation and Instrumentation

Through an audit, documented in a report, it was verified that the management system
fulfills the requirements of the following standard:

ISO 9001 : 2008

Valid from 2014-10-21
Valid until 2017-10-20
Date of certification 2014-10-21

Registration Number: DE-40150009 QM08



Michael Drechsel
Michael Drechsel
President of IQNet

G. Blechschmidt
Götz Blechschmidt
Managing Director of DQS GmbH



IQNet Partners:
AFNOR Certification France AIB-Vincotte International Belgium ANCE-SIGE Mexico APCER Portugal CQC Cyprus
CIBO Italy CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany D5 Denmark
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IQNet is represented in the USA by: AFNOR Certification, CISO, DQS Holding GmbH and NSAI Inc.
* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com

گواهی عضویت

انجمن صنایع شرکت های اتوماسیون صنعتی



منابع انسانی مهندسی ابراهیم طرح **IDEH**
Iras Design Eng. & Humanresources

شماره عضویت: ۹۲۱۱۲ تاریخ صدور: ۱۳۹۲/۱۱/۲۰

شروع عضویت: ۱۳۹۲/۱۱/۲۰ اعتبار تا تاریخ: ۱۳۹۳/۰۷/۳۰

CERTIFICATE OF MEMBERSHIP

Association of Industrial Automation Companies



MEMBERSHIP NO: 92112 ISSUE DATE: Feb.09.2014

REGISTRATION DATE: Feb.09.2014 VALID UNTIL: Oct.22.2014

وکیس هیات مدیره
Signature of the Board Chairman



خرامه دار
Signature of the Secretary

کمیته نو و نوآوران تعاون، کار و رفاه اجتماعی به شماره ی ۱۳۳
با تأیید وزارت صنعت، معدن و تجارت
گواهی عضویت



CERTIFICATE

This is to certify that



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DQS GmbH

G. Blechschmidt
Götz Blechschmidt
Managing Director

Certification Body: DQS GmbH, August-Schanz-Straße 21, 60433 Frankfurt am Main
Administrative Office: DQS Iran, 1201 Unit, 12 Floor, No. 53, Geryaye Moor Building,
Sarrafraz St., Shahid Beheshti St., 1587998411 Tehran - Iran

IDEH

Iras Design Eng. & Humanresources



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■ Introduction

IDEH was founded in 2004 as a system integrator firm specializing in total solution of control system, instrumentation and regularly compliance services .

We have a wide range of associates who provide seamless transition, full account ability and commitment for these inter-related services.

Unique combination of one-stop shop, technical expertise and commitment culture allows us to minimize time to market, reduce costs through economics of scale and meet all corporate and applicable regulatory compliance agency requirement.

Our goal is achieving customers trust through honest, integrity and accurate responses to clients` needs with cost-effective and reliable solutions.





Abilities

■ Abilities

Our support services, which we hope to capture market share will include such services as:

- Planing & Designing
- Project Engineering & Development
- Procurement
- E&I Equipment Installation & Commissioning
- Operation & Maintenance
- Trouble Shooting Services
- Modernization
- Training

■ Control System Engineering Group

IDEH can handle a variety of control system designs, Installation and start-up to serve your budget and process needs.

We will work with you to provide on-site surveys and consulting or can perform as an extension of the overall project team to ensure that all control systems needs are covered and properly documented.

■ Instrumentation Group

IDEH instrumentation group offers services ranging from preparation of specification to procurement, installation and ultimately on-going maintenance.

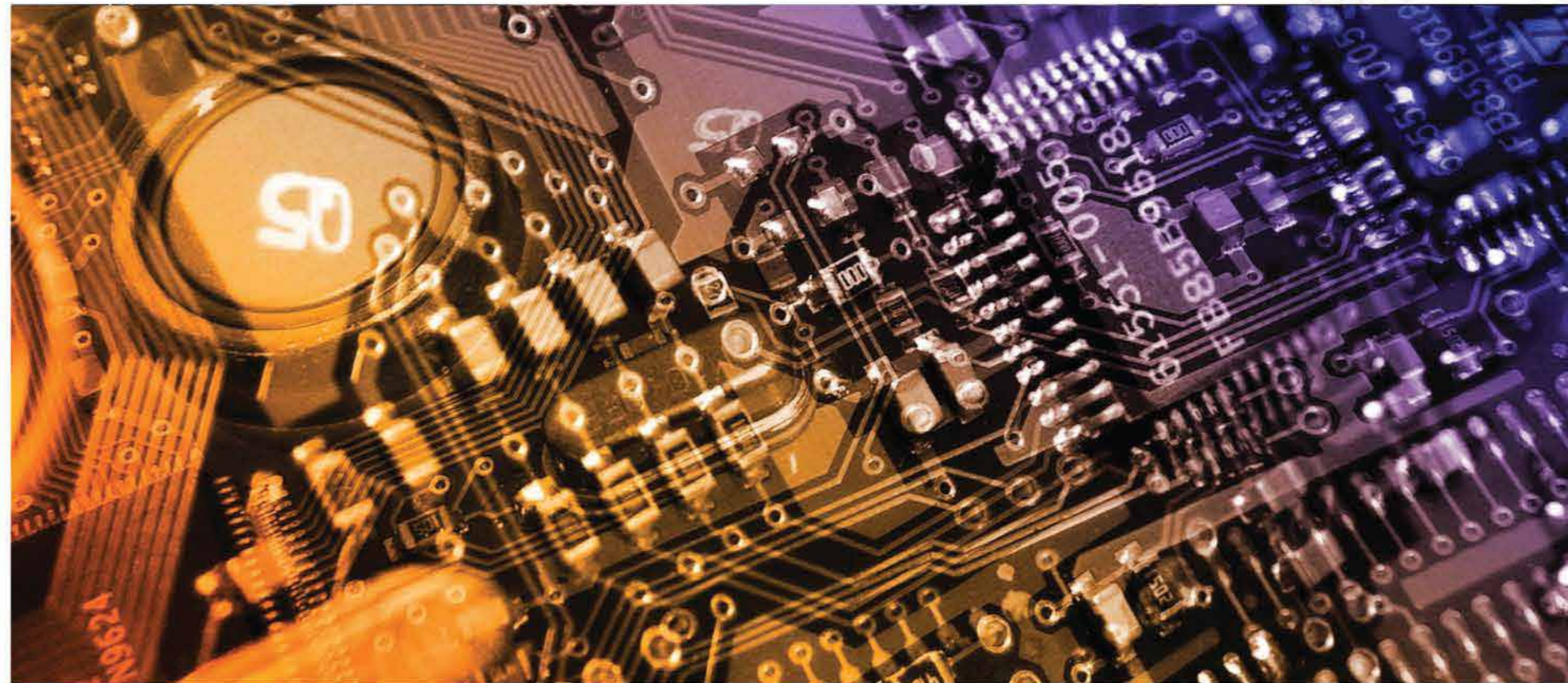
To effectively manage this services **IDEH** takes full responsibility for instrument delivery and works closely with the client and suppliers to ensure all client requirements are met, data and documentation are managed and the project schedule is updated with valid expeditionary information.

■ Panel Fabrication

IDEH will design, fabricate and/or install any type of panels, for our clients control system needs.

We produce all required materials to fabricate the panel, provide the panels installation and all field wiring termination as required at the site.

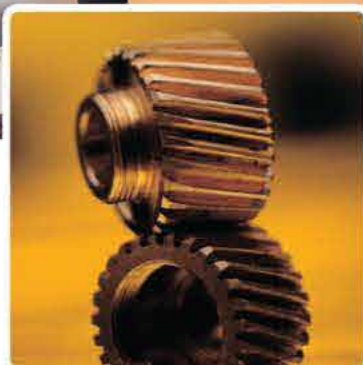
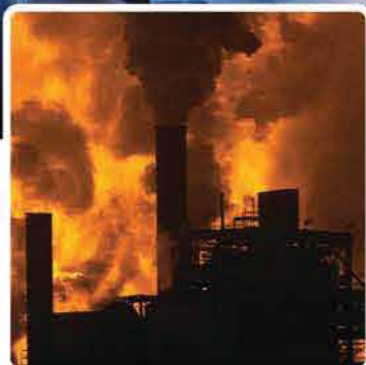
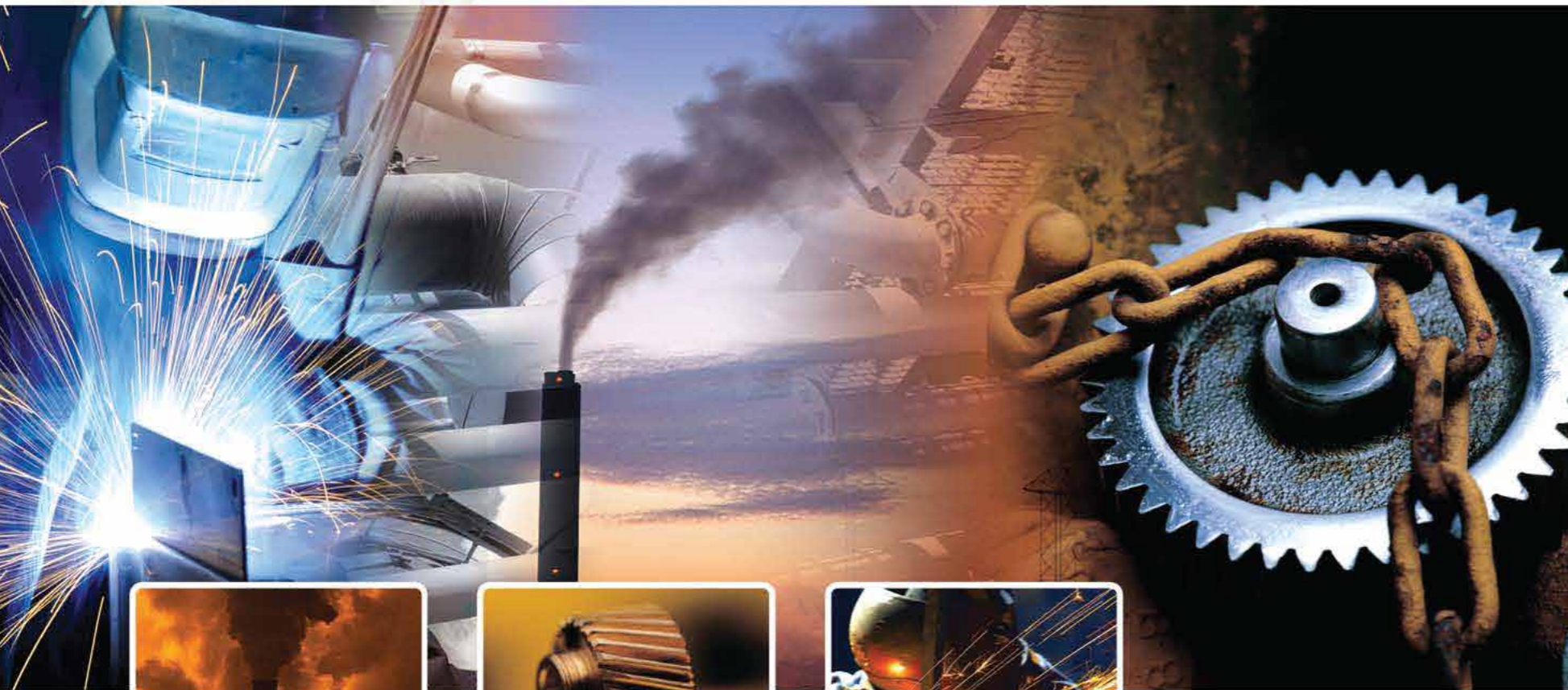
We also retrofit existing panels from the client to include the needed automation from the most current control system solutions to applicable single loop controllers, switches, buttons and indicators.



Services

Services

Process Automation & Control Solution



■ Electrical Engineering Group

IDEH electrical highly trained engineers are able to provide effective solutions to your electrical needs.

Whether **IDEH** is staffing an electrical engineering firm, client can be confident that he will receive the highest level of service, safety, quality and value that the industry has to offer.

■ Fire and Gas Group

IDEH fire and gas firm is project delivery based focused on multi-discipline engineering and design, procurement and construction management services for the F&G systems up to SIL3.

Our fire and gas group is managed as its own business unit, providing specialize service as an integral part of a project team or as a stand alone service with embedded project management.

Partners



■ Human Resources

Our senior engineers who are expert in various kind of industries are our assets.

Professional trained engineers for the DCS/ F&G/ ESD solution programming, project execution and also other specialists of other departments such as construction and maintenance are our most valuable resources that help us to have reasonable performance.

■ Partners

We have cooperation relationship with most of the well known automation system suppliers like Honeywell, ABB, Siemens, FLSA and Scame.

In past years we have offered the best solution with competitive price based on above mentioned companies products and systems and we have completed all our projects in this regard successfully. Close relationship with this suppliers has introduced us as one of the market leaders of system integrators in Iran.

The unique attribute which distinguishes us from our other competitors is that we are the only company which jointly supplies the DCS, ESD and F&G application programs in their execution of projects as their own specialists.

Fields

Process Automation & Control Solution



■ Field Of Services

- System Integration
- E&I EPC Srevices
- Panel Fabrication
- Procurement
- Installation And Commissioning
- Supervision
- Training

■ Field Of Industries

- Oil & Gas
- Petrochemical
- Steel & Copper
- Cement & Mine
- Automotive
- Utilities (Power, Water, Air)
- Railway & Subway

■ Field Of Expertises

- Process Control System (DCS/FCS/PLC)
- Emergency Shut Down System (ESD)
- Fire and Gas System (F&G)
- Power Distribution Control System (PDCS)
- Burner Management System (BMS)
- Supervisory, Control And Data Acquisition (SCADA, RTU)
- Railway And Subway Signaling System



■ Major Projects

- **Project Name:** Hengam offshore platforms
- **End User:** IOOC
- **EPC Contractor:** Intelligent Solution Inc.
- **Project Types:** DCS & ESD & F&G & Field Instruments.
- **DCS Brand:** Yokogawa
- **Field Device Brand:** Honeywell

- **Project Name:** Cooling System
- **End User:** Bandar Abbas Oil Refinery
- **EPC Contractor:** PIDEDEC/Tehran Farayand
- **DCS Brand:** Siemens



■ Major Projects

- **Project Name:** HD Plant Revamping
- **End User:** Bandar Imam Petrochemical Co.
- **Project Type:** FCS and Instrumentation (Foundation Fieldbus)
- **FCS Brand:** Honeywell
- **Field Instrument Brand:** Endress + Hauser

- **Project Name:** Extension of Control System for Capacity Increasing
- **End User:** Bandar Abbas Oil Refinery
- **Project Type:** DCS
- **DCS Brand:** Honeywell

- **Project Name:** Circulating Compressors
- **End User:** Kermanshah Oil Refinery
- **Project Type:** PLC
- **PLC Brand:** Siemens

- **Project Name:** Stacker & Reclaimer control/Electrical System
- **End User:** Gharb Asia Cement Plant
- **Project Type:** Control System & MCC
- **DCS/MCC:** Siemens

Major Projects

- **Project Name:** DCS and ESD for SRU4 Plant
- **End User:** Khangiran Gas Refinery
- **Project Type:** DCS & ESD
- **DCS & ESD Brand:** Honeywell

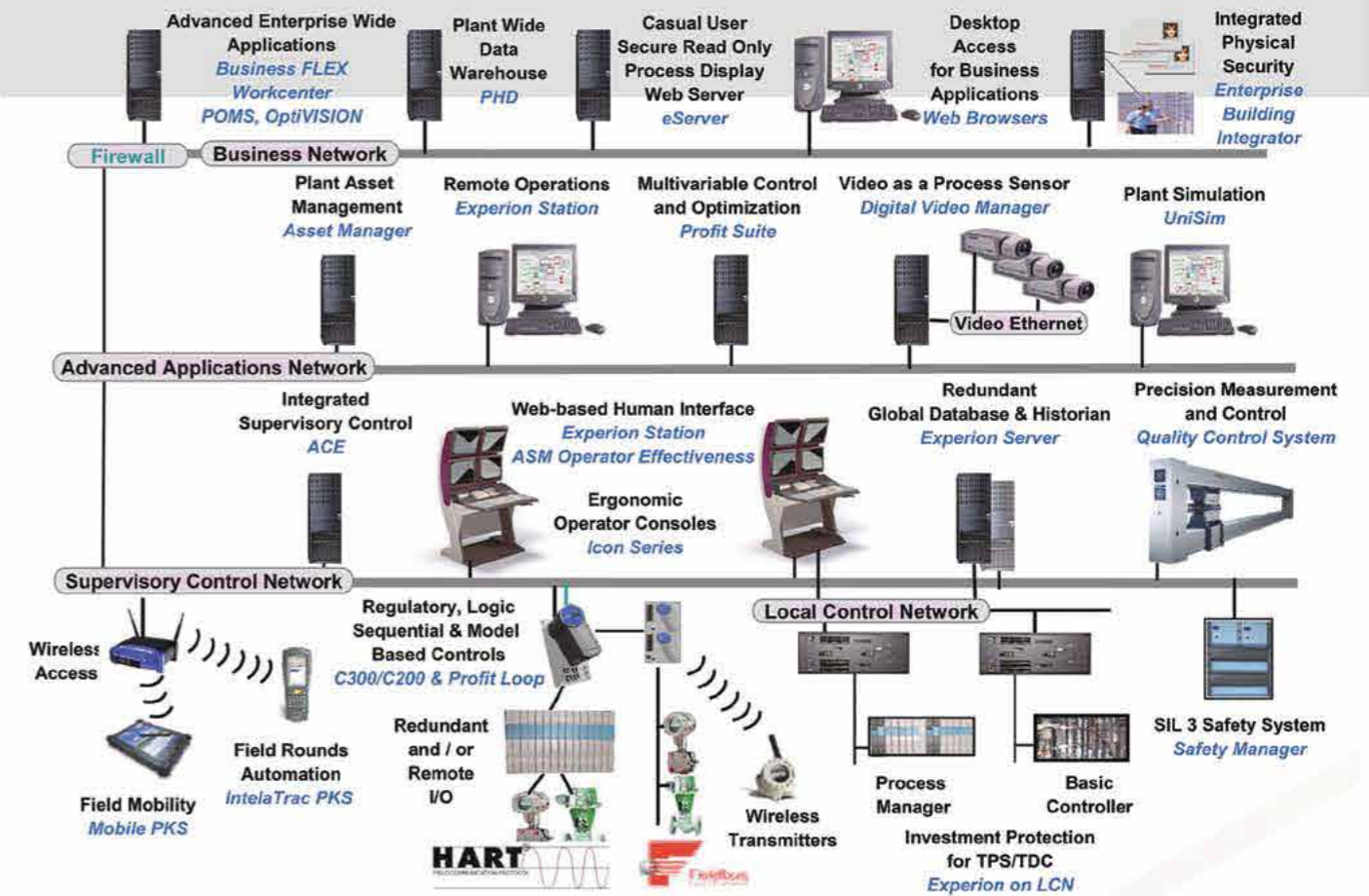
- **Project Name:** DCS and ESD for Ghom Gas Compressor Station
- **End User:** NIGC
- **EPC Contractor:** OIEC
- **Project Type:** DCS & ESD
- **DCS & ESD Brand:** Honeywell

- **Project Name:** Preparation of Basic Engineering based on HAZMAP Technology
- **End User:** Abadan Oil Refinery
- **Main Contractor:** AMARTIS S.A (Switzerland)
- **Project Type:** Engineering

Integrated Platform

Where process plant complexity increases and workforce availability decreases, Integrated Control & Safety System (ICSS) becomes to ensure capability of seamless communication for optimum operation and maximum safety.

Manned and unmanned facilities need reliable ICSS and our specialists know how to assist boosting productivity and efficiency of your system under harsh condition.

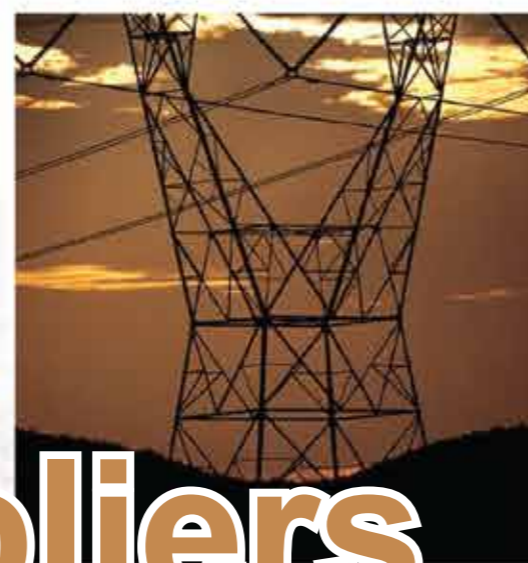
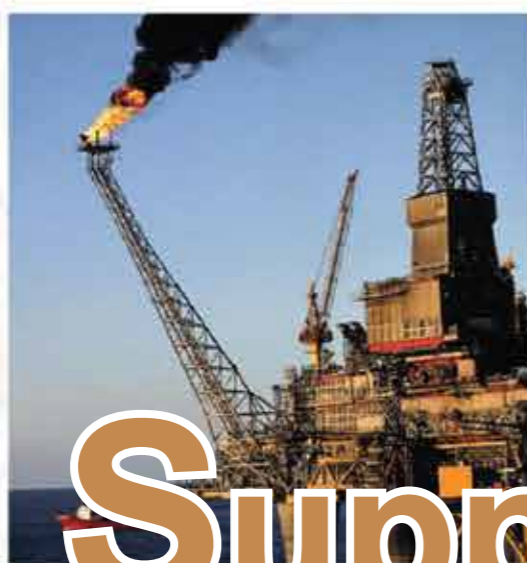


Control System Suppliers

Fire & Gas Suppliers

Valves

Field Instrument Suppliers



Suppliers

Process Automation & Control Solution

- Pheasibility Study
- Engineering & Development
- Supply
- Panel Fabrication
- Installation, Start Up And Commissioning
- Operation & Maintenance
- Upgrading & Modernization
- Training
- After Sales Services

Process Automation & Control Solution



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