

INTERCON

TECHNICAL INFORMATION SYSTEMS L.L.C.

www.intercon-it.com





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انتركون لتقنية أنظمة المعلومات ذ.م.م.

Company

INTERCON Technical Information System LLC is a German Electrical Engineering Company that provides Electrical Engineering in the field of automation engineering, power generation, as well as project management and consultancy for process technologies like process control, automation systems and power technology. INTERCON TIS was established in October 2003 in Abu Dhabi, United Arab Emirates, as a subsidiary of IVA Leittechnik GmbH from Germany, and serves the Middle East and Africa.

The wealth of hands-on experience in all facets of the Industrial Engineering sector, coupled with professionalism and integrity, contributes to the success of our clients' projects.

History

- 2003 - Foundation of INTERCON Technical Information Systems L.L.C.
 - As a subsidiary company of I.V.A. Leittechnik GmbH Germany
 - Supply of skilled man-power
- 2004 - INTERCON TIS extended its field of business to include:
 - Supply of distribution panels and Genset Units
 - Custom tailored Genset Panel
 - Software solutions for the automation field
- 2007 - INTERCON TIS L.L.C. established a production workshop in Mussafah
- 2008 - INTERCON extended to the rental field:
 - Diesel generators for industry and buildings
 - Distribution panels
- 2009 - INTERCON extended to the field of power station maintenance
- 2010 - INTERCON extended to the field of maintenance for control systems and protection system for power stations and sub-stations
- 2011 - INTERCON became Siemens solution partner for drives and motion control cranes
- 2012 - INTERCON TIS is in the process of receiving ISO 9001:2008 Quality Management System certification

Mission

INTERCON TIS offers high-end products by understanding the needs of its customers and providing the finest suitable services. With our expertise and know-how we offer intelligent solutions based on innovative products and tailor-made services that will give you guaranteed customer satisfaction.

Vision

Our vision for INTERCON TIS is to be esteemed as the most credible and reliable advanced electrical engineering company in the region by the plant and crane builder community as well as our customers and partners.

Solution
Partner

Automation

SIEMENS

PRODUCTS

INTERCON Technical Information LLC mainly produces, but also trades, products within the electrical industry. We are geared to deliver the highest quality of products, engaging with solution partners so that our customer can benefit from the best performing product with a long product life cycle.

Drive and Motion Control Cranes

INTERCON TIS designs and engineers automation solutions, switchgear panels and systems for industrial cranes with different speed set points. According to the project requirements, controller and visualization systems are implemented; furthermore diesel products with variable speeds and requirements can be integrated.

Switchgears

Within its electrical manufacturing projects, INTERCON TIS benefits from the product range of the German company DSL Electronic, such as Electronic switch units for DIN-rails, Control units for DIN-rails, Control units for power supply units, Battery charging units for low- and middle voltage switch-gears, and Battery charging units for electric plant construction especially for generator switch boards with paralleling network operation (combined heat and power station) and emergency power supplies.

The units are produced according to the "Quality Management System ISO 9001:2000".

While assembling products, checks of individual units after each step ensure the flawless quality of our products. The exclusive use of brand-name components in the production of circuitry and their careful handling during processing, guarantees that the entire project has a long service life.

Diesel Generating Sets

INTERCON TIS utilizes the Diesel generating sets from the main European Companies and assembles the engines and alternators with the partners in their production.

However base frame, sound isolated canopy and complete electrical cabinet with control panels are produced by INTERCON. This provides INTERCON TIS flexibility in the generating set dimensions, fuel tank volume, specific electrical cabinets and changeovers. Optionally, we deliver manual control panels, automatic and parallel control panels with synchronization.

Products are certified according to UNI EN ISO 9001 standard for the design, manufacturing and servicing of generating sets. Additionally the products are certified accordance to EU Directive 200/14/CE on noise emission in the environment.

All supplied generators are guaranteed for the duration of 24 months.

DSL Electronic

DSL Electronic develops and produces a wide range of electronic switch devices and control units. In addition, DSL Electronic delivers mains and generator protecting units as well as generator control devices. INTERCON TIS is authorized dealer for this product range in Middle East, Africa and parts of Asia.



Products



We provide solutions to meet the exact requirements and budget considerations of our clients



Siemens Automation, Drives and Motion Control

Motion Control requirements continually increase, becoming ever more varied and complex. Users demand greater flexibility, speed and precision. And our solution is to provide the best motion control systems and solutions for the requirements of our clients, whatever the industry or the application, with our solution partner Siemens.

Our expertise is to support you - from the very first planning stages, through development of the motion control concept, and to successful implementation according to your requirements. We provide the essential scalable products, innovative systems, integrated solutions and extensive global service network with Siemens as our Partner.

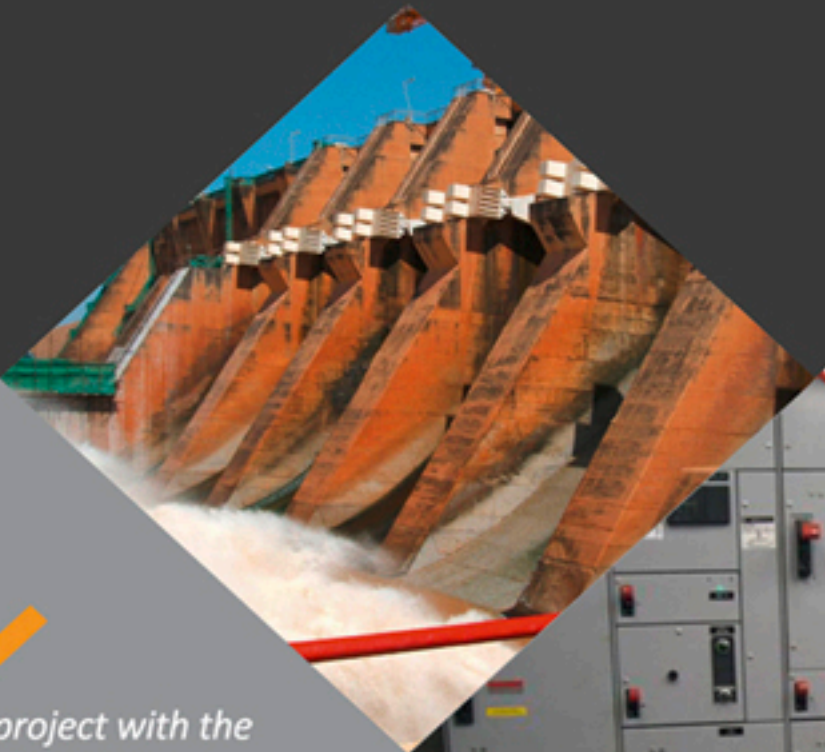
ABB-Automation & LV

ABB products and systems provide protection, control and measurement for electrical installations, enclosures, switchboards, electronics and electromechanical devices for industrial machines, plants and related services.



SERVICES

INTERCON Technical Information Systems LLC together with its partners has the experience and knowledge to take part in projects in the electrical industry, such as industrial and chemical plants, motion controlled cranes, power generation, automation and control systems. Getting involved in project realization, INTERCON TIS provides consultancy, solution optimization, troubleshooting, maintenance, refurbishment, manpower supply, training courses for the plant crew and offers other technical support related to the project.



We treat every project with the greatest integrity and ensure great attention to detail

Consultancy

The main objective for INTERCON TIS is to identify the customers' requirements. On site we observe and analyze the subject, and collect the necessary data towards project realization. Accordingly, INTERCON TIS will develop the project plan and design, while selecting the most appropriate and feasible services to achieve the target within a specific time frame and budget.

Solution Development

We understand that every project is unique, which is why we tailor solutions to meet the exact requirements. All of our design works are developed around proven electrical conditions, maintenance and operating strategies.

In developing a solution we work through the following steps:

HANDOVER

Final acceptance of the system

Observing for eventual malfunctions and faults

Setting the finished system in experimental operation

REALIZATION

Functional testing of the erected project units and commissioning

Assembling the completed parts

Creation of the documentation for completed parts of the project

Designing the project

Final consultation with the client for project clarification

PREPARATION

Creating time and financial schedule

Developing a project concept with modular design



Services



Optimizing Existing Solutions

INTERCON TIS respects your existing project, and understands its exclusivity. Since technology is getting more advanced, we welcome the clients requirement on upgrades of systems, improving the characteristics, lowering the costs and simplifying the operation by modern system platforms. Our professionals can identify solutions according to your needs.

Refurbishment

Within our services range we also provide refurbishment to our clients. INTERCON TIS ensures to maintain the highest standards and quality control processes to guarantee the best repairs and surplus for all electrical installation. INTERCON TIS and partners' engineers are certified to ensure quality repair work.

HMI Visualization of Processes and Documentation

Visualization includes all electrical equipment and controls to ensure a clear and user-friendly presentation of the process state and flow. It is used for managing the mappings between source data and on screen visual items, maintaining a list of instances of responsibilities. Visualization especially emphasizes, with warnings or protections, exceeding of critical areas and ending of procedures. Visualization is not determined by the use of third party supplier's equipment but it is installed as an upgrade to the existing customer's system.

Manpower Supply

Its extensive network and specific industry knowledge enables INTERCON TIS to find the most appropriately qualified people for a specified role who are able to hit the ground running.

Our clients benefit from our in-depth knowledge and experience within the industry - we know what you're looking for!

Training

Training is a typical integral part of a job after the project completion. The operators are systematically trained to take care of the plant equipment, to efficiently handle the sophisticated technologies and to reduce the risk of operation faults. Depending on the installed instruments the training model can vary as follows:



Preventive Maintenance of Power Plants

Plant operation requires the periodical maintenance, inspection, auditing and replacement of worn out devices. The prevention of wearing decreases the mean time between failures, provides the accurate replacement of the devices and reduces the possibility of failures due to management. The supportive prevention could be as follows:



References

Please find below an extract of our references. For more references please visit our website or contact us.

Powerplants:

- Doha West Power Plant, Kuwait
- Tsing Yi, Hong Kong
- Khor Al Zubair, Iraq
- Steam boiler, Bahrain
- Benghazi, Libya,
- Shuaiba North Power Station, Kuwait
- Hydroelectric Power Station Roseires, Sudan
- Hurricane Kumkol Munai JSC, Kazakhstan
- Al Ruweis, Al Taweelah B Ext., Sitra, UAE
- Fujairah Power & Water Station, UAE
- Salman Gas Lifting Platform, Iran

Motion Control Cranes:

- Marport Terminal, Turkey
- Vallarpadam Cochin, India
- Bandar Abbas, Iran
- Tarragona Terminal, Spain
- RTG Abu Dhabi, UAE
- RTG Dammam, Saudi Arabia
- PMC Abu Dhabi, UAE

Partners

INTERCON TIS has built strong partner relationships with major companies in UAE and abroad, each bringing in their special expertise and contribution. We utilize these partnerships to keep our processes and knowledge at the highest level across all segments hence to meet the needs of our diverse customer base. We work with leading companies as shown below.

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ADWEA GROUP OF COMPANIES

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|  <p>شركة أبوظبي للتوزيع Abu Dhabi Distribution Co.</p> |  <p>شركة أبوظبي للمياه والكهرباء Abu Dhabi Water & Electricity Company</p> |  <p>شركة أبوظبي للتقنية والنقل والتحكم Abu Dhabi Transmission & Dispatch Company</p> |  <p>شركة العين للتوزيع Al Ain Distribution Company</p> |  <p>شركة المرفأ للطاقة Al Mirfa Power Company</p> |
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