

COMPANY PROFILE



WIACS

WIACS Trading & Automation is a leading provider of integrated automation services, since 2011.



TABLE OF CONTENTS

<u>SL NO</u>	<u>DESCRIPTION</u>	<u>PAGE NUMBER</u>
01	Introduction -----	03
02	Vision, Mission, VALUES -----	04
03	BUSINESS COMPETENCIES -----	05
04	PROJECTS -----	11
05	COURSES -----	12
06	ONLINE SHOP -----	13
07	CONTACT US -----	14

INTRODUCTION



WIACS Trading & Automation Is a leading provider of integrated automation services, it's founded in 2011 and had a team have more than 15 year's experiences. We are a company primarily engaged in providing services in Egypt and Middle East.

We are committed to providing quality and comprehensive, innovative solutions in Automation and Control Systems coupled with technology expertise and applied to create total system Solutions in Industrial plants.

Delivering innovations to help our customers in improving their business efficiency, reducing their operating costs, optimizing their production lines usage, and ultimately, increasing their profitability.



VISION

To be referred to us as one of the best industrial solution providers in Egypt and the Middle East.



MISSION

Provide efficient industry & commercials solutions which tailored to achieve demanding of our clients in different sectors and backed up by our experiences and services.

We act responsibly toward our customers, our investors, and our staff.



VALUES

- We welcome great minds.
- Focus Customer Insight.
- Investing in Our staff's.
- Honesty, integrity, consistency, professionalism, responsibility and humor sense are the most values we believe in.

BUSINESS COMPETENCIES

WHAT'S NON-ROUTINE FOR YOU IS EVERY DAY FOR US

At WIACS, we understand that improving efficiency involves more than implementing new technologies, our automation engineering consultants can help you upgrade or use your existing systems and infrastructure to enhance your processes and operations for stronger business performance.

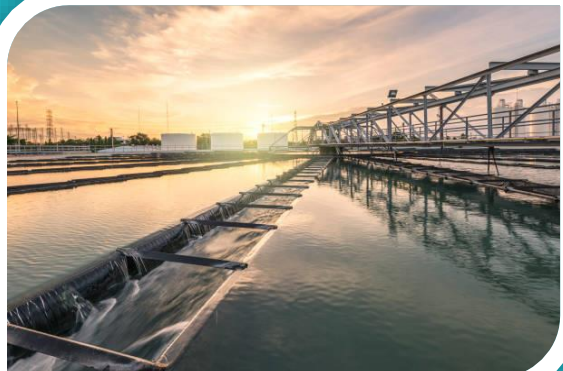
We help you look at your process in new ways and then propose the right solution for your business / industry – one that provides the right tools and data to your operators at the right time so they can make informed decisions that properly support your business objectives. If you have a tough and complex project, WIACS'S team brings its expertise to ensure successful project execution.

■ AUTOMATION & CONTROL :

Total solutions for all phases of process automation a facility's process automation technologies, control systems and supporting data and infrastructure

WIACS has the process automation experience and expertise needed to optimize the investment in your control systems. Our proven capabilities enable us to look at your entire operation from a complete business perspective from the plant floor to the boardroom to maximize your total investment and return on capital expenditures.

- INDUSTRIAL
- INFRASTRUCTURE
- WATER & WASTE WATER



INDUSTRIAL

Overall, WIACS provides full scope electrical, instrumentation and automation design of integrated control systems, including distributed control systems (DCS) and programmable logic controller (PLC)-based systems. As a platform-independent automation solutions provider, we offer expertise in various third-party hardware to find a fit-for-purpose solution for your process and business needs. We also serve as an automation contractor utilizing WIACS best design practices for project-based execution from instrument specifications to all the normal electrical deliverables (e.g., single lines, power panel board schedules, conduit schedules, contractor specs, etc.). In addition, we work with many of software applications and programs to manage and archive drawings. We also leverage our Project Complete methodology to ensure we meet your objectives on time and on budget.

WIACS can help:

We will design a control system hardware solution around your standards, preferred equipment suppliers and document formats.

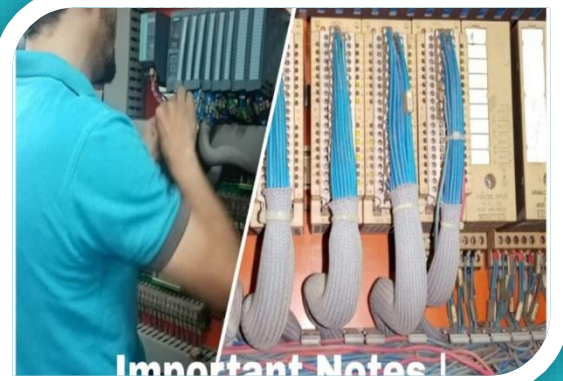
Control system design – all DCS and PLC platforms

System architecture and network communications PLC & DCS migrations
– Control panel fabrication design

INFRASTRUCTURE

PHYSICAL INFRASTRUCTURE IS A STRATEGIC

WIACS contributed in this sector by involving their expertise in the automation sector to help customer monitoring and controlling the system with a very high tech solutions targeting to operate the system in proper way and keep its stability. we are here to support you.



Water & Waste Water

We offer a lot of automated solutions in water and waste water treatment plants based on different types of treatment's technologies and our large experience in this field.

We can provide you with the best and most economic solutions for different treatment plants which will achieve the perfect control, monitoring and following up the whole process.

Automation system in the water treatment plants not depend only on the PLC and SCADA control system, but the measurement instruments are an important factor to achieve the correct control, so we can also design, select and supply a complete solutions such as flow, level, pressure, temperature measurements and water analysis systems.

Our offer is extendable for most of the used technologies in water treatment plants such as

- Screening
- Clarification
- Coagulation
- Flocculation
- Filtration

And in waste water treatment plants such as

- Oil and grease removal
- Settling
- Biological Treatment
- Sludge Thickening.

Our scoop is not limited to new projects

But also we offer maintenance services, rehabilitation and upgrading of old plant's control system and emergency site visits for solving any critical issues.



CERTIFIED TRAINING

Well-trained employees are a crucial factor in any company's success

Skills development and expert knowledge make companies competitive and innovative. With our available training courses for industry, we help you achieve these goals – with practical experience, innovative learning methods, and a concept that's tailored to the customer's specific needs.

All of us keep learning more and longer – for our work, for our career, and for ourselves

WIACS Training offers the right source of knowledge, so you can select the suitable way you preferred near you, wherever you are

With our two areas – Online training and face-to-face training at in our classrooms and onsite training – we provides you an all-encompassing range of options for an ongoing expansion of your knowledge and skills, suited for every type of learner.

Discover the full packages of our courses

Starting from teaching of basic knowledge, and advanced to special knowledge, WIACS courses deliver extensive expertise directly from the fact and encompass the entire spectrum of industrial automation and control systems.

To meet with our client's training demand we have introduced our standard courses package and provide further and customized courses on demand. We provide training to users varying from DCS, Drives, SCADA and HMI to range of PLC's and Instruments

Online Training

In the Online Training courses, our expert instructors & IT team use live theory lectures, practical exercises and all required tools to convey the training content described in the learning objectives in a comprehensive and practical manner.

Our instructors are always available for questions and discussions. The practical exercises are conducted in the virtual exercises Lab or performed remotely on our training equipment.



SERVICES

STARTUP & COMMISSIONING

Startup and commissioning accounts for barely 5% of all operations. In fact, most engineers participate in one only every couple of years. It's during these types of non-routine activities that 70% of major accidents occur

SITE SERVICES

Site services can send one or more / engineers to your facility on a scheduled basis typically monthly, vi-monthly or quarterly depending on your specific needs.

REPAIR

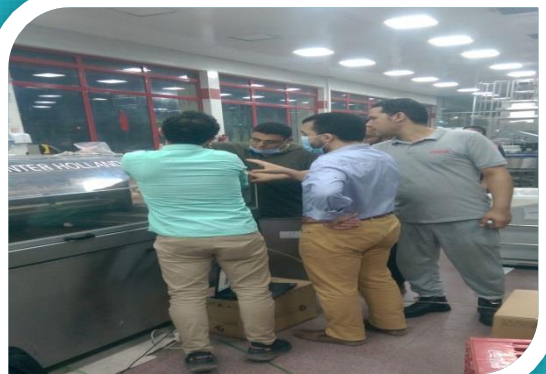
Specialize in providing products that are difficult to find and obsolete and provides professional one-stop services for automated equipment repairers and traders.

MAINTENANCE CONTRACTS

Factory Maintenance Planning Reduces Downtime
Without the proper maintenance and support, your systems can become unreliable leading to unscheduled downtime, product waste and a decrease in profitability.

24/7/365 REMOTE SERVICES

Technical Expertise leading best practices for each support contract, according to your needs to provide 24/7/365 remote support, production optimization solutions and control system monitoring and emergency assistance.



DRILLING

Automation Rig Services.

More and more Rigs “SCR & VFD “control systems based around the most common of PLC brands “Siemens and Allen-Bradley “

WIACS have professional engineers have many years of strong experience in these brands; in addition we have resources to enable delivery of automation services, support and solutions that provide the highest performance for your application.

AS well as we have a specially courses to introduce engineers and technicians to PLC controllers including fault finding, basic diagnostics and elementary programming and more....

Electrical Rig Services.

SCR drive system upgrades

On site troubleshooting for all SCR drive systems

Electrical installations, upgrade mud tanks (plug stations, conduit, cabling, etc.).

Supply of Spare Parts

WIACS has relationships with many of the leading industrial equipment suppliers and, together with its own technical and manufacturing capabilities can source or manufacture a wide range of spare parts.

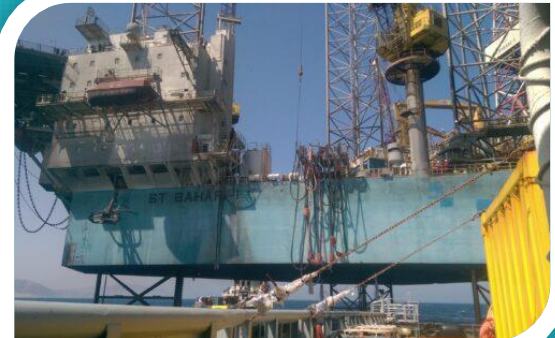
Maintenance Contracts

WIACS are pleased to be able to offer maintenance contracts to our customers, starting by telephone, email reaching to practical site support. Customers will be enjoyed by priority support and discounts on (service visits, spare parts and repairs)

For customers with systems from a common manufacturer, we can help cut spares costs by maintaining a central spares inventory.

Repair and Calibration

Today WIACS has ability to repair, re-calibrate and upgrade the complete range.



PROJECTS



Upgrade Control System of the ISOTEX Machine from S5 to SIEMENS PLC S7-1500 with supply, programming, installation and startup



Upgraded Three Fiber Packaging Production lines from classic control to SIEMENS Automation Controls



Upgrade Control System of Electrical Welding Machine from SIEMENS PLC-S5 to PLC-S7



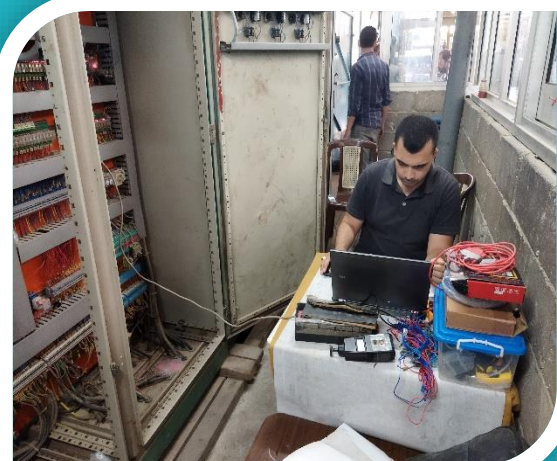
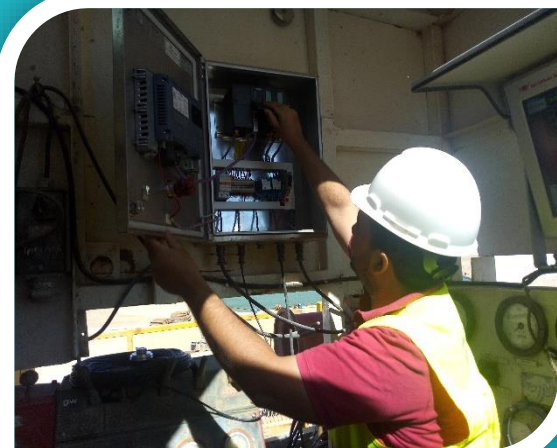
ELSEWEDY Electric PSP – SIEMENS SIMATIC WinCC SCADA for BeniSuef Power Station – WTO Plant



National Drilling Company (NDC)– Engineering, installation & supply for Traveling Block Control Safety Solution



SinoTharwa Drilling Company – Engineering, installation& supply for Traveling Block Control Safety Solution



COURSES

- **PLC S7300/400 VIA STEP-7 SCOPE - 1**
- **PLC S7300/400 VIA STEP-7 SCOPE - 2**
- **PLC S7300/400 VIA TIA PORTAL SCOPE - 1**
- **PLC S7300/400 VIA TIA PORTAL SCOPE - 2**
- **PLC S71200/1500 TIA PORTAL SCOPE - 1**
- **PLC S71200/1500 TIA PORTAL SCOPE - 2**
- **PLC S7 ANALOG & PID TIA PORTA**
- **SIMATIC WINCC FLEXIBLE**
- **SIMATIC WINCC SCADA**
- **SIMATIC WINCC BASIC/COMFORT**
- **SIMATIC WINCC ADV/PRO**
- **SIMATIC PCS 7 SYSTEM**



ONLINE SHOP

WIACS STOCKS AND SELLS NEW AND SURPLUS INDUSTRIAL AUTOMATION, PNEUMATIC, MOTION, ELECTRONIC, HYDRAULIC AND ELECTRICAL CONTROL EQUIPMENT FOR PLANTS.

WE ALSO HAVE FULL COMPONENT LEVEL REPAIR CAPABILITIES FOR ALL INDUSTRIAL HMI'S BRANDS.

WE ALSO BUY SURPLUS INDUSTRIAL CONTROLS.



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PRODUCT CATEGORIES

- Automation Parts
- Oil & Gas Parts
- Other Parts
- Solar System Parts
- Water Parts

WIACS STOCKS

WIACS STOCKS AND SELLS NEW AND SURPLUS INDUSTRIAL AUTOMATION, PNEUMATIC, MOTION, ELECTRONIC, HYDRAULIC AND ELECTRICAL CONTROL EQUIPMENT FOR PLANTS. WE ALSO HAVE FULL COMPONENT LEVEL REPAIR CAPABILITIES FOR ALL INDUSTRIAL HMI'S BRANDS. WE ALSO BUY SURPLUS INDUSTRIAL CONTROLS.

CART

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OUR PARTNERS



Technology Incorporated Company

Explosion-proof industry

We are a sole agent in Egypt

The company specializes in manufacturing explosion-proof lighting fixtures, and explosion-proof apparatus for industrial, mining, marine and offshore areas. In addition, the company produces special portable lighting, waterproof and dustproof light fittings and apparatus.



PRODUCTS



Lighting Technology



Installation Equipment's



Control Equipment's



Weather Proof



Air Conditions and Pressurized Products




Loads and Motor


OUR CLIENTS





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