



COMPANY PROFILE

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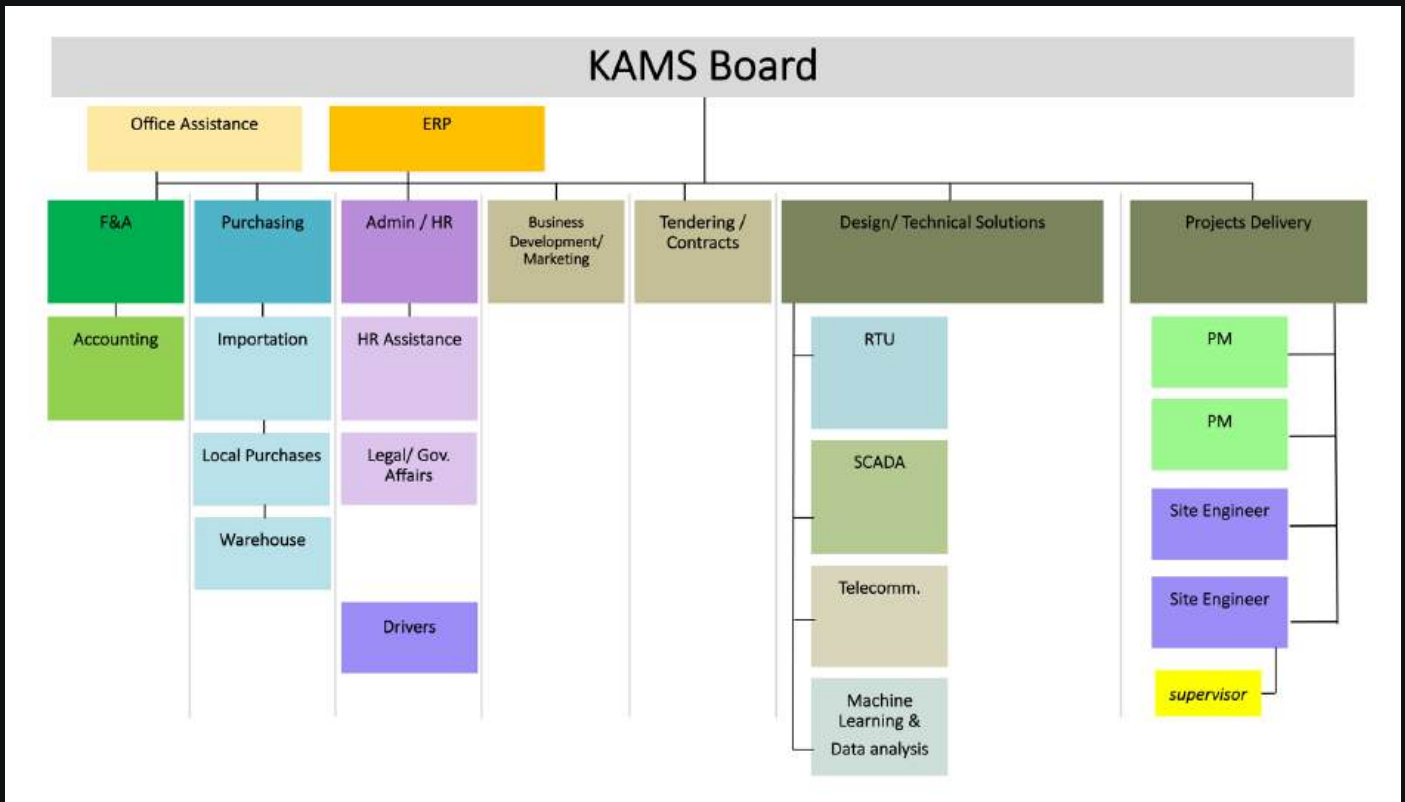
ABOUT US

KAMS is a leading systems integrator for a wide range of industrial applications. Our services cover various industrial sectors such as energy, process automation, and Oil& Gas. We develop customized innovative solutions based on proven technologies from global equipment manufacturers. Our engineers provide expertise that improves function and efficiency in legacy infrastructure as well as turnkey applications in new and upgraded facilities. We provide systems managers with the data and information needed to support decision making, track and troubleshoot systems in real time, plan for the future, and train the next generation of engineers and managers.

Our designs are transparent and focused on building and supporting your team. we develop customized innovative solutions based on the concepts and tools of the fourth industrial revolution [Industry 4.0], using proven technologies from global manufacturers.



ORGANIZATION STRUCTURE



KAMS IN NUMBERS

FOUNDED IN
2020

LIMITED
LIABILITY
COMPANY
2mn
CAPITAL

4
FOUNDERS

25
ENGINEERS

37
STAFF

OFFICES



FOUNDERS



Engineer

SEIFALLAH SEIFELNASR

B.Sc. Mechanical Engineering

Experience in the fields of operations research, project management and feasibility studies. Supervised the implementation of projects in Egypt, Nigeria and Cameroon.

He gained his experience from working in the armed forces (participating in the 1967 war, the war of attrition and the October 1973 war), then as a systems analyst in the Arab Organization for Industrialization, then director of manufacturing in a major international company. He also worked as a regional manager responsible for 22 African countries. He is one of the founders of the Operations Research Center of the Egyptian Armed Forces.

Major General

KHALED METWALLY

B.Sc. Electrical Engineering

M.G. Khaled – through working for the Armed Forces - gained diverse experiences in the fields of international contracts, international arbitration, foreign relations, maintenance and repair of electronic and electromechanical systems, managing workshops, managing warehouses and project execution.

He assumed several positions in the armed forces, starting in the Missile Repair Workshops, then the International Relations Branch of the General Secretariat of the Ministry of Defense, then head of the Military Procurement Office in Washington, D.C. in the United States, then head of Industrialization Department and finally head of Procurement Department in the Armament Authority of the Armed Forces before his retirement from the Armed Forces.



THE FOUNDERS



Engineer

ASHRAF EL-NADI

B.Sc. Electrical Engineering

4 years experience in the field of testing of missile guidance systems in the Arab Organization for Industrialization. He then spent 12 years in project management with Procter and Gamble before founding United Engineers Company in 2000 where he led the implementation of many industrial automation projects in the areas of desalination of drinking water, sewage treatment, electrical power transmission and distribution grids and Oil and Gas.

Engineer

MEDHAT YASSIN

B.Sc. Electrical Engineering

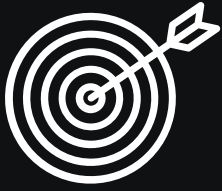
22 Years with ABB where he assumed several positions with increasing responsibilities, covering:

- Business Development Manager – Power Systems Division
- Engineering Manager – Power Systems Division
- Telecommunication, SCADA and Substation Automation Department Manager
- Commissioning Manager
- Commissioning Section Head
- Control and Protection Design Section Head

During his years with ABB, he completed 150+ turnkey projects in the areas of High Voltage Substations (Control and Protection, SCADA and RTU, Substation Automation Systems), Control Centers, Communication networks and Voice and PABX systems



MISSION & VISION



MISSION

KAMS is committed to providing quality engineering services in the field of industrial automation to serve the communities in which our clients live and work. We strive to deliver exceptional design, innovative solutions, and reliable systems. We are committed to support the development of our society through technology transfer and technical expertise that help reduce product importation.



VISION

Our vision is to increase our customer base in the middle east and be our clients' first choice for engineering services. We will honor our company values and maintain the financial health and stability of our company.

We aim to become one of the biggest and best engineering firms in our field within the next 5 years in the Egyptian market.

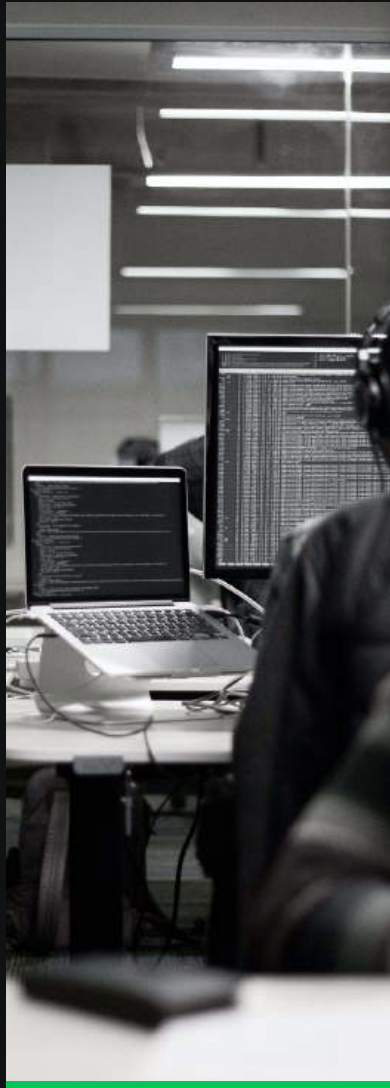


VALUES



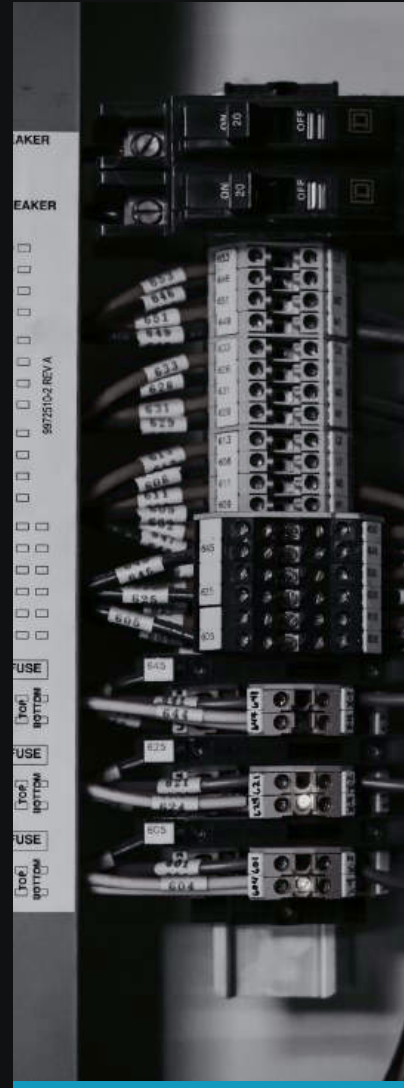
CLIENTS

Our goal is to develop enduring business relationships with our clients that are built on trust, integrity, effective communication, and delivering quality services on time and within budget.



EMPLOYEES

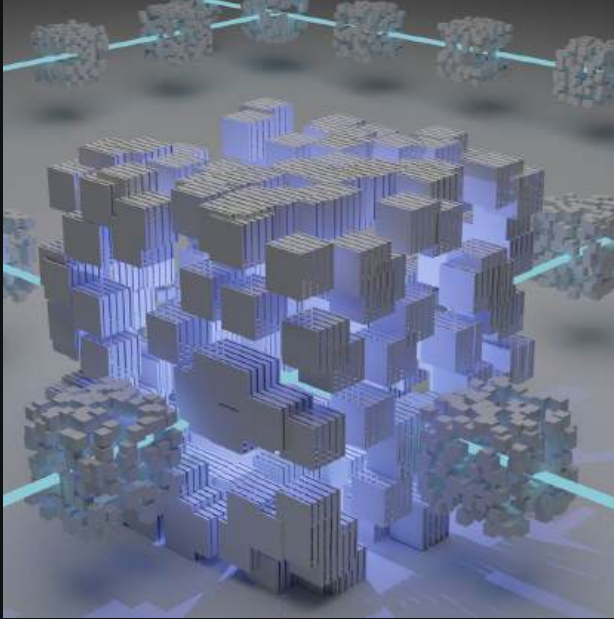
Our employees are the fabric of our company. They build our reputation, capability, and ultimately, our success. We provide a work environment that is rich in feedback, encourages self-improvement, teamwork, and innovation where everybody is endeavor to respected and valued and care and concern towards each other is a core value.



QUALITY

Our reputation is built on a tradition of providing quality services with a high level of technical competence and attention to details. We continually train and educate our staff to provide quality work in the belief that quality is key to our success.

SERVICES



1. SYSTEM INTEGRATION

KAMS provides expertise and support to virtually every major automation hardware and software platform from current state-of-the-art systems to obsolete legacy systems. This wide-ranging experience, coupled with our expertise in IT, networking, and MES enables us to design and integrate systems that communicate and function seamlessly to provide comprehensive control networks that automate facilities for a wide range of energy, industrial, and infrastructure applications.

2. SCADA SYSTEMS

In addition to single-site local control and visualization, KAMS creates large-scale SCADA systems on a variety of platforms. This includes integration of advanced capabilities needed by the modern control systems such as shift log and handover, audit history, alarm management, reporting, and other robust solutions. We leverage the latest visualization techniques using technology packages to deliver real time status information and support decision making, creating architectures that solve current business needs via a modern, future-oriented framework.



3. PLC PROGRAMMING & HMI DEVELOPMENT

Our engineers work on a variety of major platforms in the PLC space, leveraging modern design in the solutions we create. Efficiency and performance are the primary focus backed by our commitment to quality, safety, and robustness that our customers demand. KAMS also consults in advanced communications and protocol development, sophisticated loop control and monitoring, template-based design and unit-testing, tight integration with HMI systems, and other aspects of PLC programming where innovative solutions are required.



4. DATA ANALYTICS

We maximize the value of customer data in conjunction with client priorities to derive better insights on plant or facility operations. Our engineers excel in working with large volumes of historical data, using tools that leverage data yield to deliver clear, actionable recommendations, thus creating cohesive system that allows “operational insights” to drive decisions. We assist in applying best-in-class data analytics solutions to new or existing facilities as a means to accelerate growth and maximize efficiency.



SERVICES

5. CONTROL PANEL DESIGN & FABRICATION



KAMS provides control panel design and fabrication expertise for data driven industrial leaders in the energy, utility, and general industry from concept through design, fabrication, and testing. We support automation modernization and digital transformation initiatives by providing full turnkey services. KAMS design team excels in providing the full design scope and collaboration with the panel fabrication shop to deliver flawless execution and reliable results. We believe there is tremendous value and potential increase in ROI in optimizing and automating archaic processes for greater efficiency and performance.

6. CONTROL SYSTEM MODERNIZATION

Automation and control system modernization is critical now more than ever. Digital transformation of data and industrial automation helps manufacturers gain the highest levels of efficiency and reliability, but the task of modernizing is often overwhelming unless it is approached with the right partner. KAMS Company has a lot of experience working as a systems integrator and helping clients with control system migration and modernization efforts. Our automation professionals are proficient in applying best practices to ensure that systems are designed and programmed as intended to achieve the desired results.

KAMS can help clients optimize their unique processes and applications while managing the spectrum of automation and control system modernization options available. In addition to collaborating to determine next steps, our engineers will ensure products are updated with the latest versions of software to provide access to new features and security patches that address vulnerabilities.



SERVICES

7. TELECOMMUNICATION



KAMS Engineering delivers a full range of engineering and design support for all types of telecommunication projects including: public and private wireline and wireless networks; utility operations networks; communications;

IT/OT network security and regulatory compliance; grid modernization; fiber broadband networks; distribution modernization; and smart cities.

Our experts understand the growing impacts of technology on the critical infrastructure industry. Working as your partner, we develop customized solutions that embrace new approaches, maximize benefits and control costs.

Our Communications Services Includes:

- A. Fiber Optic Network Design
- B. Technology Master Planning
- C. Microwave Network Design
- D. Site Acquisition and Joint Use
- E. Power Grid Telecommunications Design / Integration
- F. Site Support Telecommunications
- G. GSM/APN Networks



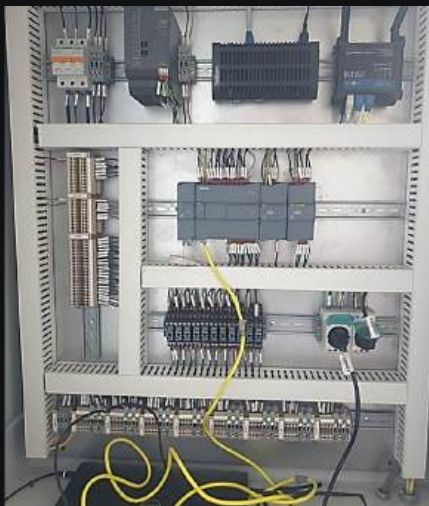
MAJOR PROJECTS

OIL & GAS

GASTEC NGV STATION SCADA SYSTEM



Project scope is to connect all Gastec NGV stations through a GSM VPN network with the company HQ. The data gathered from the stations is stored in a central database for historical retrieval and reporting. The SCADA application also allows for remote access of the stations on-line data with graphical representation for stations equipment. The interface is totally Web Based using any HTML5 compatible web browser (Chrome, Edge, etc.)



MAJOR PROJECTS

WATER

MAIN CONTROL SYSTEM FOR DAIR MOWAS WATER TREATMENT PLANT

The control systems in the various areas of the water treatment plant (WTP) are connected together over an industrial Ethernet network. Each area of the WTP has its own controller to locally perform the required process. A TCP/IP network connects all area controllers and synchronises the work between the areas to achieve the overall plant function. The Control system was built based on Allen Bradley PLC platforms from Rockwell Automation USA

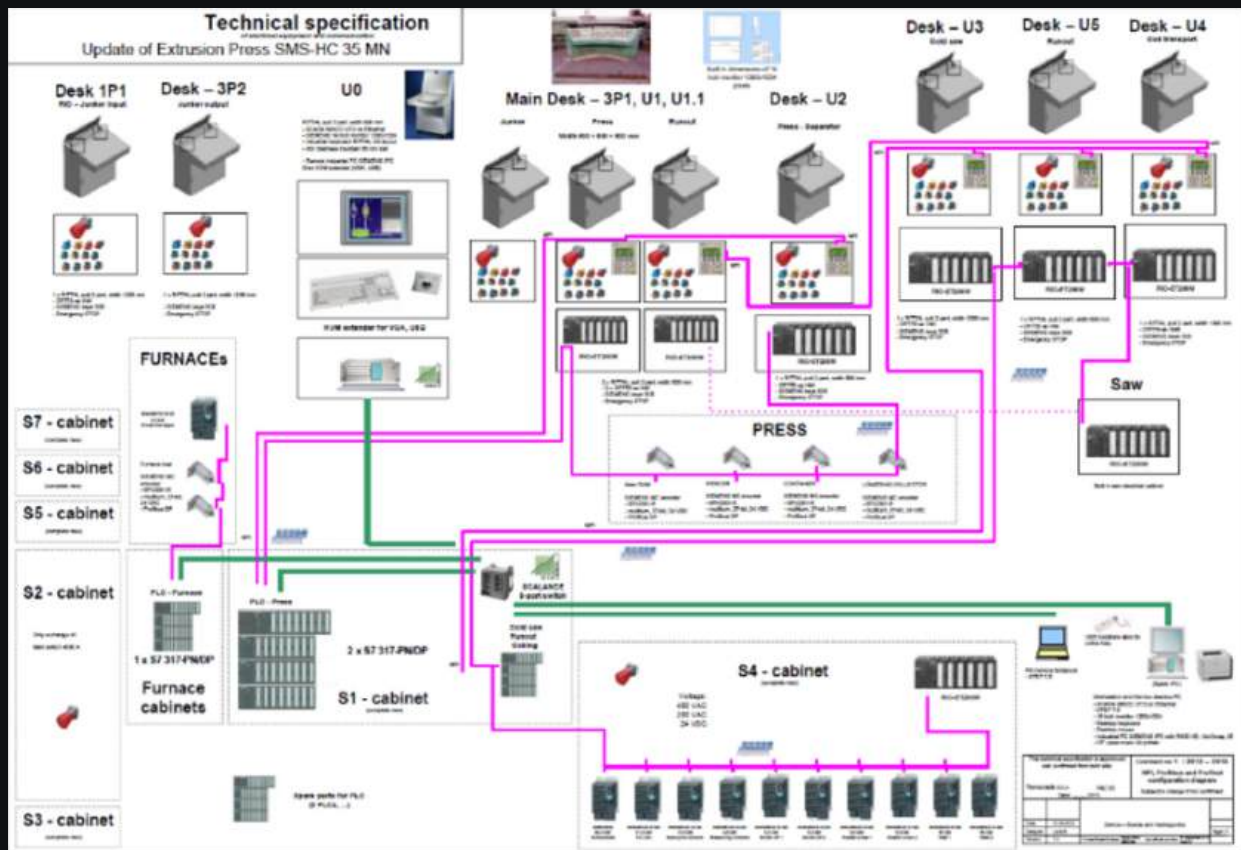


MAJOR PROJECTS

INDUSTRY

MILITARY FACTORY 63

Upgrade the Control system of the press from SIEMENS S5 to SIEMENS S7 PLC's including all the HMI's, Control desks, communication networks, Drives and Filed instrumentations.



MAJOR PROJECTS

ENERGY

SCADA SYSTEM AND MARSHALING CABINET FOR EL TA JAMOUAT 66 / 11KV SUB/STATION

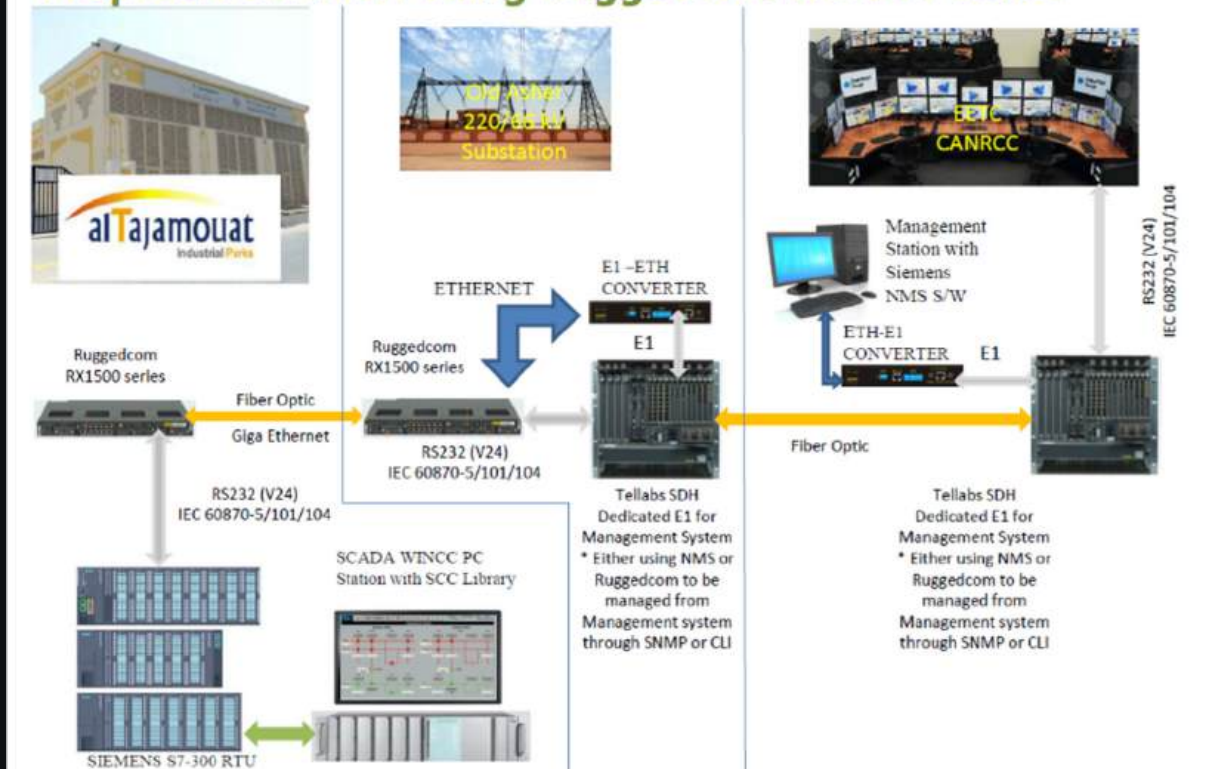
The modified system is based on Siemens S7-300 platform and WinCC SCADA package to locally display the substation parameters and produce operational reports, alarm lists, trends and management reports.

The RTU at alTajamouat S/S is connected to CANRCC -through Old Asher 220/66 kV Substation- by using RUGGEDCOM RX1500 platform (one unit placed at alTajamouat and another unit at Older Asher) which provides the communication protocols (IEC 60870-5-101/104) to the existing SD H at the Old Asher SS to rely ALTajamouat SS data to CANRCC. Voice exchanges take place over the RUGGEDCOM RX1500 platform using NEC SV9100 Platform



66/11 kV Substation SCADA System

Proposed Solution Using Ruggedcom RX1500 Series



OUR PARTNERS



OUR CLIENTS





**THANK
YOU**

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