



A Square E Systems

Business Technology

INDUSTRY SPECIFIC AUTOMATION

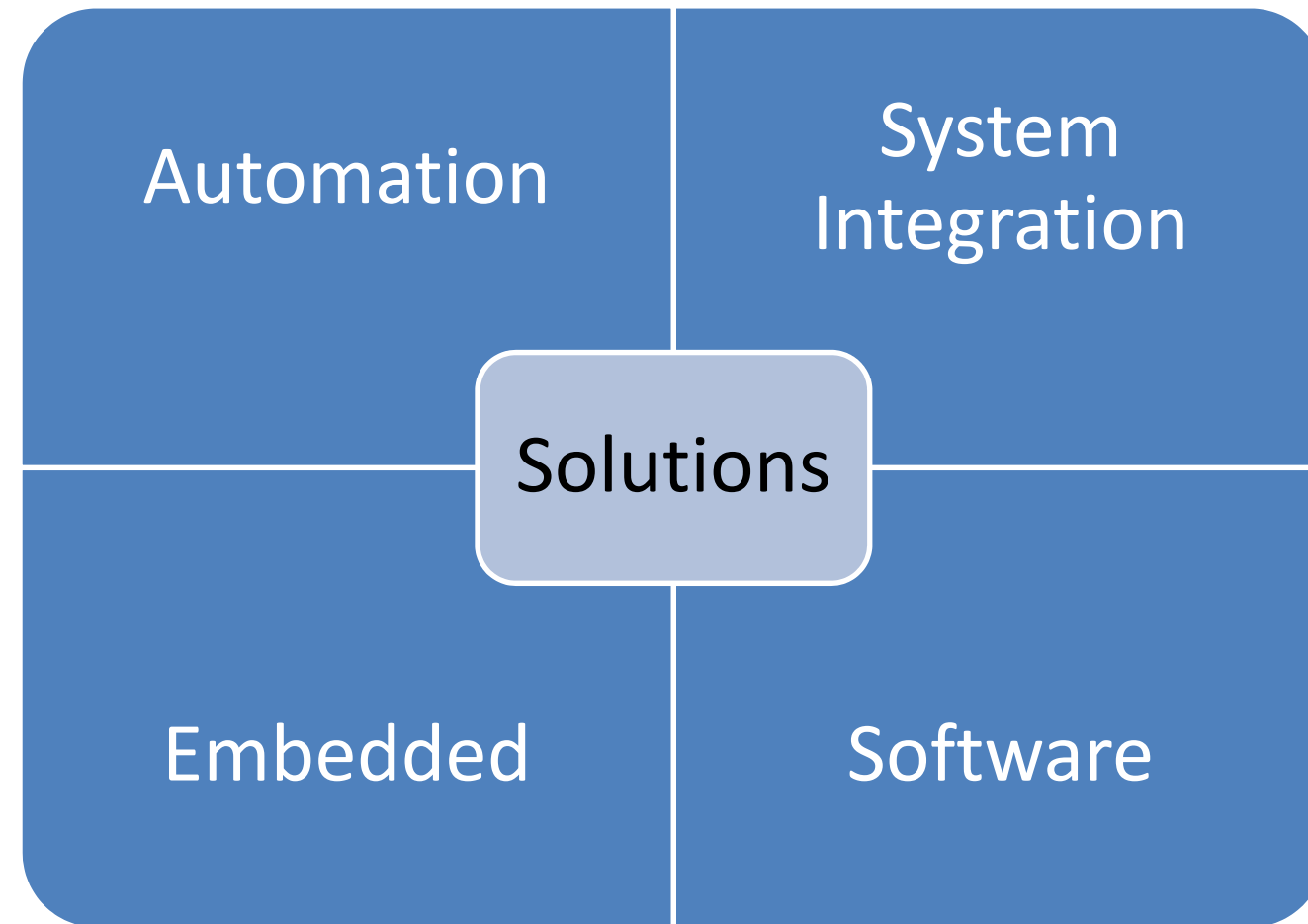
A Square E Systems is leading solutions provider firm in Industrial Automation (IA), Embedded Systems (ES) and Software Development (SD) and undertaking Project Management Consulting.

IA: We undertake Turnkey **Industrial Automation** Project and System Integration based on PLC, Scada/Dcs, Hmi, and Instrumentation & Control. We design and build Control Panel as a part of Turnkey Project or stand alone requirement.

ES: We offer **Embedded Solutions** for specific requirement, product design and contract manufacturing, wireless solutions on GSM, GPRS, Rf and Web as per customer requirement and specification.

SD: We offer **Software Development** for application on Scada, Hmi, Plc and process logic, micro controller firmware development, driver development and IT Software Development.

PM: Undertaking **Project Management** consulting of any type of Industrial Automation, Installation, Erection and Commissioning project.



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Automation
Projects
Products
Services

Technology at work for you

CONNECTING YOUR BUSINESS TO THE TECHNOLOGY RESOURCES YOU NEED

Turnkey Industrial Automation as per Industry Specific Requirement (ISR):

Conceptualization to Commissioning Services.

INDUSTRIES:

- Metal-Steel-Wire-Cable Industry
- Pharmaceutical Industry
- Chemical Process industry
- Textiles & Sugar Mills
- Cement & Power Plant
- Machine Design & Automation

Control Panel Design & Build:

We design & manufacture control panel as a part of turnkey project or stand alone requirement. These control panels are integrated with PLC, Drives, Hmi, Scada and Instruments and Control accessories as per application requirement.

Range of Control Panel that We Offer:

- PLC Control Panel
- Drives VFD Control Panel
- Motor Control Center MCC Panel
- LT Control Panel
- Furnace Take Up Control Panel
- Machine Control Panel

AUTOMATION PRODUCT RANGE:

- PLC – SIEMENS, AB, DELTA, MITSUBISHI, OMRON
- AC/DC VFD DRIVES – SIEMENS, ABB, DELTA
- SCADA – SIEMENS(WINCC), AB, (RS VIEW) , WONDERWARE(INTOUCH)
- HMI – DELTA, OMRON
- PID CONTROLLERS
- PROCESS CONTROLLERS & INDICATORS

EMBEDDED SYSTEM SOLUTIONS

We offer Embedded System Development Solutions including R&D Solutions, Electronics Concept Design, product development and contract manufacturing as per customer requirement and specifications.

We offer Quality solutions that meet or exceed customer expectation.

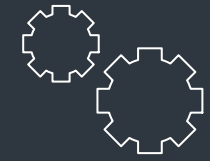
We have well experienced and expert professional team with commitment and that take care of innovative and quality solutions.

MISSION:

Become pioneer competitive solution provider firm in Industrial Automation (IA), Embedded Solutions and IT Software through innovative and state-of-the-art Technological Deliverables.

Quality Philosophy:

- Take all measures what the customers want- Voice of Customer
- Convert wants into design specifications that meet or exceed customer expectations
- Processes are to be designed so that they facilitate doing the job right from the first time
- Timely Delivery of quality product/service at competitive price ensuring Total Customer Satisfaction.



EMBEDDED EXPERTISE

- 8/16/32 bit micro controllers from wide range of brands like Freescale, Microchip, TI, NXP ARM, Renesas, Atmel.
- Embedded Application Design
 - PCB Prototype Design
 - Contract Manufacturing
 - System Integration
 - Firmware Development
- GSM, GPRS, RF Wireless Solution



MONITORING SOLUTIONS

- GSM Data Acquisition
- GPRS Data Acquisition
 - Rf Data Acquisition
 - GPRS Data Logger
 - RF Data Logger
 - RFID Solutions



SOFTWARE SOLUTIONS

- SCADA Software Development
 - Data Logging Software
 - Communication Protocol Implementation-RS232, RS485 MODBUS/RTU, USB etc
 - Wireless Integration
 - IT Software

