

ABOUT US

GS Automation Engineering & Service provides an advanced engineering products and services offering a turnkey solution to all your control, Safety, FGS, instrumentation & electrical requirements.

GS Automation has successfully completed projects across various industries.

With our resources and expert teams focus on selecting the best technologies and solutions available to help clients improve their operations at every stage of their projects from the initial phase to final implementation.

OUR SERVICES:

AUTOMATION
INSTRUMENTATION
INDUSTRIAL ELECTRICITY
CONSTRUCTION,
COMMISSIONING & START-UP
TECHNICAL SUPPORT
TRAINING &
CONSULTING

GS AUTOMATION
ENGINEERING & SERVICES

Our Partners

SIEMENS **Honeywell**

Schneider
Electric

EH
Endress+Hauser

Our Clients

سوناطراك
Sonatrach

GROUPEMENT
BERKINE

JP
NAFAL

TotalEnergies

TECNICAS REUNIDAS

SORFERT
مورفورت الجزائر

FERTIAL
les fertilisants d'Algérie

LAFARGE
A MEMBER OF
HOLCIM GROUP

المجمع الصناعي لإسمنت الجزائر
GICA
Groupe Industriel des Ciments d'Algérie

**ELSEWEDY
ELECTRIC**

METSAV INDUSTRY
Metal And Steel Industry

ENTPL

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OIL & GAS ENERGY INDUSTRY

1 | INDUSTRIAL AUTOMATION & SAFETY SYSTEMS

GS Automation offers its customers rich and competent industrial automation engineering services for multi-system.

While optimizing process and plants with efficient operation of production facilities.

Our range of services includes:

- » Software and application development for DCS, ESD, FGS, PLC and SCADA systems.
- » We are familiar with the following platform : PCS7, TIA PORTAL, Foxboro IAS Serie, Tristation (Tricon) , Safety Builder (SM SC) , Control Builder , Control Edge HC900, SCAME HS81 ProS81
- » Configuration of Human Machine Interface (HMI): Wincc, Experion HS , Citec, Intouch, Wonderware ...
- » Migration and upgrade of old systems.
- » Completion of complex automation programming: Calibration, Batch
- » Management, Continuous process control, Vibration monitoring...

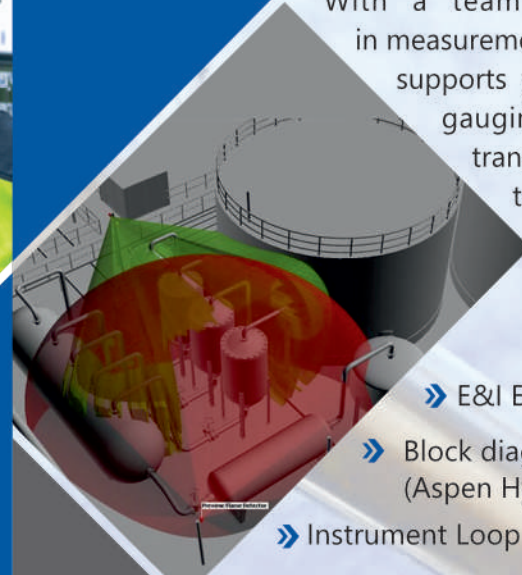


2 | INSTRUMENTATION & INDUSTRIAL ELECTRICITY

With a team that has wide and deep techniques in measurement and industrial Electricity GS AUTOMATION supports you in complete process solutions for Tank gauging, valves, gas and moisture analysers, transmitters and sensors (flow, level, pressure, temperature).

Our offers include also:

- » E&I Equipment design and specification
- » Block diagram, PFD, PID and CAD design 2D & 3D (Aspen HySYS , SolidWorks, AutoCAD)
- » Instrument Loop diagram (AutoCAD, E-Plan)
- » Electrical Wire line diagram (AutoCAD, E-Plan)
- » SIL Loop Calculation
- » Flame and Gas Mapping Studies.
- » Participation in risk studies (HAZOP, LOPA, ...)
- » Calculation notes, dimensioning (câbles,SI barriers...)
- » Custom-made inhouse Design, Panel Building and Testing capabilities
- » Upgrade of current systems with enhanced features.
- » Customized maintenance and inspection solutions to meet client specific needs.
- » Tank Gauging systems
- » Tank Overfill protection



3 | CONSTRUCTION, COMMISSIONING & START-UP

These activities require a team of skilled professionals, including instrumentation engineers, electrical engineers, electricians, technicians, fitters, and safety officers, who work together to ensure the successful completion of the project, our on-site services include:

- » Construction Management and coordination of multidisciplinary projects.
- » Instrument & Electricity On-site installation,
- » Marshaling and system cabinets assembly, installation, commissioning and start Up
- » Instrument tubing systems - pneumatic and hydraulic control systems installation.
- » Comprehensive support during startup and operation.



4 | TECHNICAL SUPPORT, SUPPORT & TRAINING & CONSULTING

GS Automation provides its corporate clientele with a range of complementary assistance services,including:

- » Facilities expertise, diagnosis, maintenance, and problem resolution.
- » Availability of a comprehensive maintenance contract: preventive and corrective measures.
- » Provision of specialized personnel for specific projects.
- » On site specific training for Engineers and Operators before and after commissioning of automation and supervision systems.

