

**HUMAN  
MAKES  
THE  
DIFFERENCE.**

# ABOUT US

G.T.S is an EPC contractor that was founded in Egypt in 2006 and is registered with EGPC and EGAS. It provides engineering, procurement, installation, commissioning, startup and maintenance services for projects involving digital transformation, process automation, E&I, electromechanical and green energy solutions.



## Branches

GTS H.Q  
Cairo, Egypt

GTS Green Contracting  
Dubai, U.A.E

Gulf Technical Services  
Riyadh, K.S.A



# OUR Vision ■

We envision a future where we are a key partner in the transition to a clean energy economy that enhances our social welfare and creates abundant opportunities for generations to come. We leverage our expertise in Energy transition, Efficiency and Digital transformation to achieve this vision.

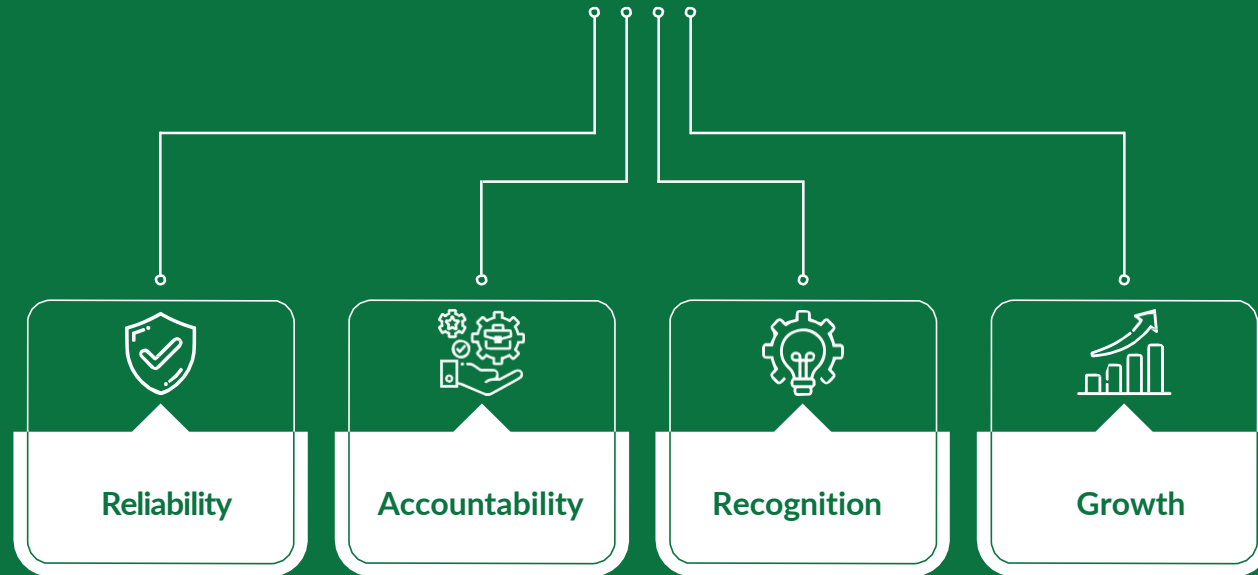


# OUR Mission ■

Our mission is to deliver high-quality and customized solutions in engineering of digitalization and clean energy transition for our development partners in the EMEA region. We uphold our core values of reliability, accountability and innovation in everything we do. We align our work with the global SDGs to contribute to a better and cleaner world



# OUR VALUES



## SDGs Goals within our scope of work!



Grow affordable & green energy.



Increase industry, innovation & Infrastructure.



Mobilize sustainable cities & communities.



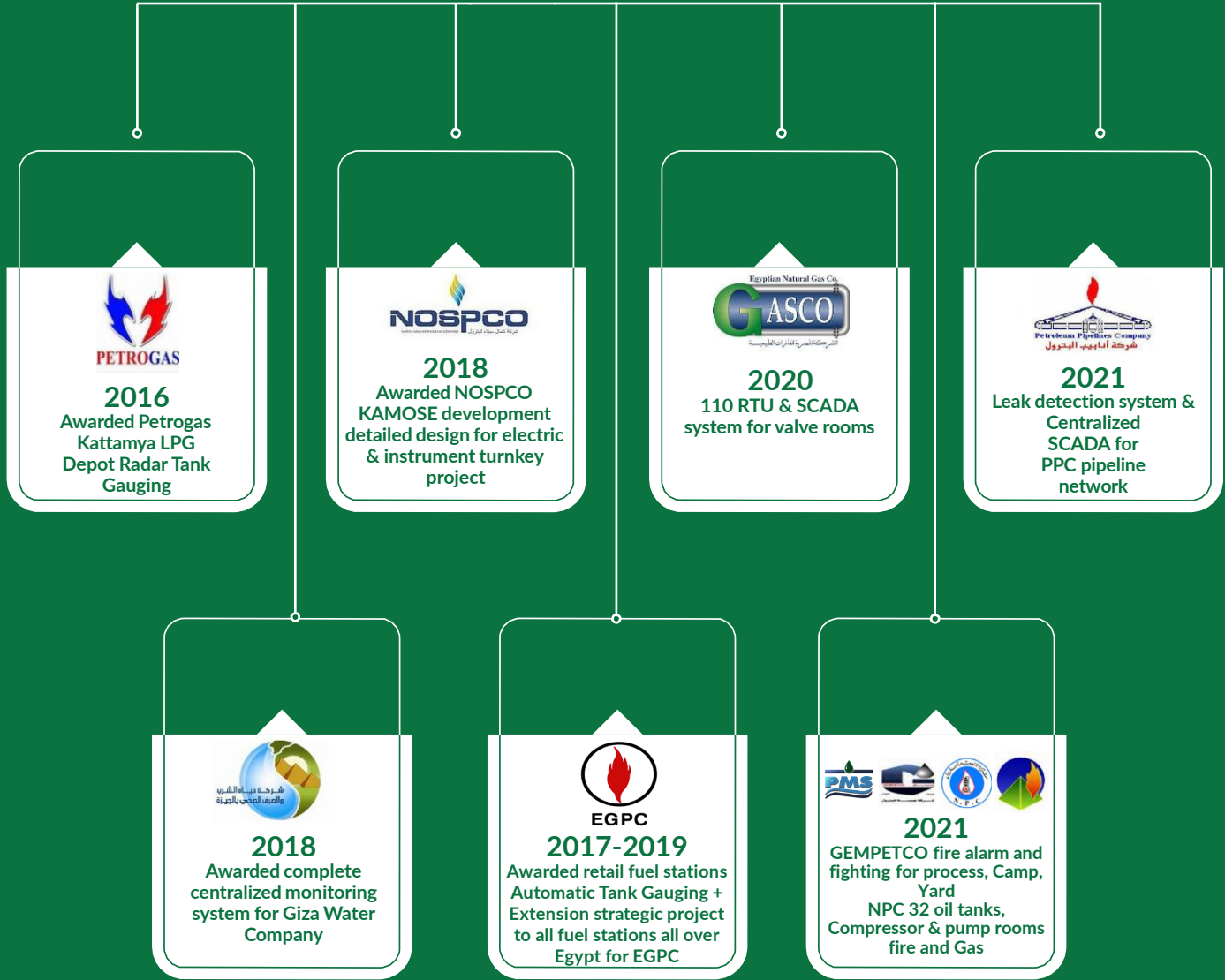
Influence responsible consumption & production.



# GTS Timeline







# GTS lines Of Business

## SMART SOLUTIONS

- Digital Transformation.
- Centralized Monitoring solutions.
- Data centers & Communication networks.
- Internet Of Things (IOT/ IIOT).

## ENGINEERING & FIELD SERVICES

- Instrumentation & Control Detailed Engineering.
- Industrial Data Communications Systems.
- Revamping and Reverse engineering.
- Pre-commissioning, commissioning & startup.
- E&I Construction work.
- Manpower outsourcing.

## INDUSTRIAL SOLUTIONS

- Process Automation, electrical and instrumentation solutions.
- Fire Fighting and Fire & Gas Alarm Systems.
- Electromechanical solutions.

## Environmental and Green Energy Solutions

- Green Hydrogen Production studies.
- Hydrogen retail fuel stations.
- Carbon capture plants.
- Flare Gas recovery solutions.
- Solar Energy Generating Systems.
- Continues emissions monitoring systems.
- Waste water monitoring systems.



# GTS lines Of Business

## Industrial Data Communications Systems

- ❑ Data Centers ( Network Infrastructure , Data Center Active/Passive & Cybersecurity Solutions )
- ❑ Telecommunications ( Transmission Systems , Management And Utility Systems, External Communication , Internal Communication, Safety And Security )
- ❑ Automation ( ICS , SCADA , Industrial Internet Of Things IIoT & OT Cyber Security)



# GTS lines Of Business

## Data Centers Engineering

- ❑ Data Center Preparation
- ❑ Network Infrastructure
- ❑ Storage & Computing
- ❑ Servers and Desktop Virtualization
- ❑ Business Continuity & Data Protection
- ❑ Data Center Cybersecurity Solutions



# GTS lines Of Business

## Telecommunications Engineering

- ☐ Transmission/ backbone (SHD/ DWDM)
- ☐ Fiber optic communication & Structured Cable System
- ☐ Microwave radio / Pre-WiMAX
- ☐ 3G/4G Mobile transmission.
- ☐ Marine radio and GMDSS Aeronautical radio
- ☐ Satellite Communications
- ☐ IP-PABX, VoIP and telephone system
- ☐ UHF/VHF DMR and Digital Trunked Mobile Radio
- ☐ VPN Solutions
- ☐ Video conferencing
- ☐ Public address and general alarm system PAGA
- ☐ CCTV system
- ☐ Access control Systems
- ☐ Fiber-optic intrusion/ leak detection
- ☐ Radars and racon Navigation systems
- ☐ GMDSS EPIRB, SART and beacons
- ☐ Meteorological and environmental monitoring systems





# GTS lines Of Business

## Oil & Gas Industrial Digitization & Automation Engineering

- ❑ Industrial wireless mesh networks
- ❑ ICS Secure Network
- ❑ OT Cybersecurity Solutions
- ❑ Industrial Internet of Things IIoT





A black and white photograph of an industrial facility, likely an oil or gas processing plant. The scene is dominated by large, dark, insulated pipes that run horizontally across the frame, supported by a network of vertical steel columns. The ground is paved with a grid of interlocking bricks. In the background, there are industrial buildings, including one with a sign that reads "B8". To the right, a golf cart is parked near some large industrial tanks or storage vessels. The sun is visible in the distance, creating a bright glare and casting long shadows across the brick-paved area.

# Oil & Gas



# OIL & GAS ■

Serves two goals from the Global SDGs;  
Goal n.o. 7: Grow Affordable & Green energy.  
Goal n.o. 12:Influence responsible consumption & production.

The oil and gas industry faces unique challenges for operators. With dwindling reserves and changing product demand, the support services need to be more efficient, accurate and reliable than ever before. We offer oil and gas services for upstream (exploration & production), Mid stream (pipelines & storage) and Downstream (refineries & petrochemical) facilities. We use the most advanced process automation technologies to ensure reliable operation, engineering and services of the facilities.

Applying our experience in the O&G sector aiming to achieve the “**Efficiency**” to serve the vision of “**Digital Transformation**” that enhance the economy and world climate requirements through applying new technologies such as **Carbon Capture Utilities & Storage, Green Hydrogen Production & Storage, Fuel Monitoring System and Payment solutions** as well.



## Upstream

Our solutions cover the needs of the oil & gas production field control & safety Instrumentation system includes SCADA, PLC, DCS, field instruments, SIL Certified products, etc.

## Midstream

Providing the solutions needed for processing, storage and transportation is our main scope includes leakage detection system, pressure reduction stations pipeline valve control system and tank gauging systems, etc.

## Downstream

Automatic Tank Gauging System was our first project that lead to focus on the digitalization in the downstream in O&G, however, providing solutions such as fuel tracking systems, fairbanks, fuel monitoring system, Electronic Volume Corrector and Smart Metering Solution is our duty to serve the country obligations.



An aerial, black and white photograph of a wastewater treatment plant. The image shows several large, circular clarifiers with radial metal structures inside. Walkways and pipes connect the different units. A green rectangular box is overlaid on the left side of the image.

Water





## Water

Our solutions cover the needs of the water purification and treatment includes SCADA, PLC, DCS, field instruments, etc.

## Waste Water

Water recycling is one of the important application which aims to support in providing water to be used in irrigation to expand the farming areas while we provide a complete solution including SCADA, PLC, DCS, field instruments, IoT Solutions, etc.

## Distribution

We aim to cover the distribution needs by providing different solutions such as metering solutions, valve control, water leakage systems and control centers.

# WATER

Serves three goals from the global SDGs.

Goal n.o. 4: Mobilize sustainable cities & communities.

Goal n.o. 7: Grow affordable & green energy.

Goal n.o. 12: Influence responsible consumption & production.

Reference to the scarcity of water resources, we aim to enhance the water cycle by applying new technologies that serve the vision of enhancing water quality and consumption.

**Smart Metering Solutions** provide the capabilities to save the water sources and guarantee the consumer behavior enhancement, also **Smart irrigation Systems** could support in saving water levels, same solutions applied in different stages of water cycle such as leakage monitoring systems, Water & Waste Water Plants Control System, Sewage plants & networks monitoring and control etc.







Electricity



# Electricity

Serves three goals from the SDGs

Goal n.o. 4: Mobilize sustainable cities & communities.

Goal n.o. 7: Grow affordable & green energy.

Goal n.o. 12 : Influence responsible consumption & production.

Applying digital transformation in electricity sector would help in enhancing the utilities capabilities by reducing the network faults received from smart grid various systems, fraud or technical losses through smart metering solution and network control problems through the ADMS includes the field devices.

We aim to achieve the sustainable growth by increasing system efficiency applying the smart grid solutions, smart metering system and energy transition to achieve the evolution of green energy.



## Production

We provide variety solutions for power plants, green power generation to serve the production fields systems includes SCADA, PLC, DCS, field instruments, SIL Certified products, etc.

## Transmission

Providing the solutions needed Smart Grid is one of the key solutions we provide to support the utility covers the requirements of expansions and new installation, by monitoring and controlling the network using new technologies and smart products.

## Distribution

Distribution network is one of the main important sections in the electricity sector in which we provide varied solutions to cover different needs including ADMS, RMUS, Smart Metering and field instruments.





Industry





# Industry ■

Serves one of the global SDGs.  
 Goal n.o.3: To increase industry, innovation & infrastructure.

Enhancing production efficiency by applying AI on our solutions in the field of industry which leads to higher profitability through applying varied solutions that serve the process of automation, power saving and utilities management.

Emissions monitoring, machines Efficiency and production Quality are main concerns we are taking into consideration while creating our systems and solutions to improve the production cycle and impact positively our economy and climate.

### Heavy Industries

Our solutions cover the needs of the factory automation process to improve factory productivity and profitability while our solutions includes SCADA, PLC, DCS, field instruments, SIL Certified Products etc.

### Consumer-Packaged Goods

We provide solutions includes SCADA, PLC, DCS, field instruments, Power Monitoring & Control, Tracking Systems, IoT Solutions , etc.

### Complementary Industries

We aim to cover the needs of the sector by providing different solutions such as SCADA, PLC, DCS, field instruments, SIL Certified Products, Utilities Management systems, etc.







# Projects



Customer	Project
PPC	Digital Transformation Mega Project Centralized SCADA data center and Pipeline Leak Detection System for the National Network for Petroleum Pipelines.
ENPPI & EGPC & PETROJET	Install a gauging system in all active working fuel stations to monitor each product type per station, using a forecourt controller (Fusion - Wayne), that connects the stations to their respective marketing company to be collected and send to EGPC.
GIZA WATER & WASTE WATER COMPANY	Centralized SCADA, RTUs and Instrumentation commissioning and startup.
PETROSAFE	NPC F&G Detection System for 32 oil tanks, Pumps and compressor rooms Fire and Gas centralized system.
GEMSA	Fire Firefighting, Detection & Alarm System.
PETROMAINT - BABETCO	Fire Fighting system for BABETCO.
SOPC	Complete ICSS Engineering, Supply Installation, Commissioning and Startup.
CORC	DCS System for Water Treatment and Utility Unite.
NPC	Complete DCS Engineering, Supply, Installation, Commissioning and Startup.
SOPC	Compressor control and safety system integrated with vibration monitoring

EGPC & PETROJET	Maintenance Retail Fuel Stations Automatic Tank Gauging
PETROGAS KATTAMYA SITE	Complete RTG System For 5 LPG Tanks.
NPC WADI FERAN	Complete RTG system for Gasoline and Diesel tanks.
NORTH CAIRO ELECTRICITY DISTRIBUTION COMPANY	Upgrading of distribution management system and introducing of advanced meter infrastructure.
EGYPT GAS	Supply & installation for PLC control and field instruments.
GASCO	Supply & installation for 110 RTUs for scada monitoring of gasco sites.
KPC	Supply & install fire & gas detections system for salam & tarek gas plants.
PETROJET	Installation fire alarm system for abu sanan site.
CORC	Supply takuma boilers DCS & BMS system.
PETROSAFE	Firefighting network installation for pump stations.
GIZA WATER	Scada system for south giza.
PETROJET-PPC	Pipeline leak detection system for 3 new pipelines and connecting to main SCADA
AMAPETCO	Suppling surveillance system.

# OUR CLIENTS



# OUR PARTNERS







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Thank  
You .