

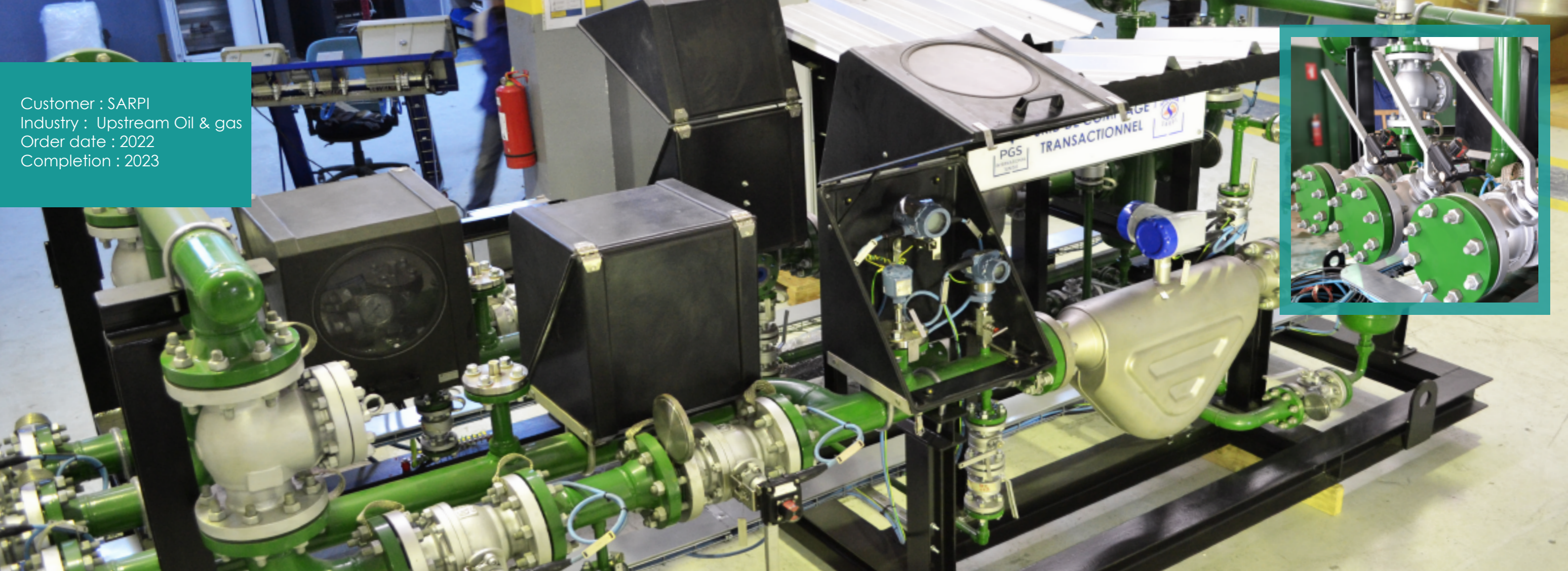
One Stop Solution Provider



PGS INTERNATIONAL  
SUCCESS  
STORY

Fiscal Metering System  
For Crude Oil

Customer : SARPI  
Industry : Upstream Oil & gas  
Order date : 2022  
Completion : 2023



## Executive summary

As part of the collection network TOUAT 2 project in Algeria, the job that has been awarded to PGS by SARPI which is a 100% subsidiary of SONATRACH included the engineering, management, fabrication, installation and commissioning of a crude oil fiscal metering skid approved by the local weight and measurement authority organization ONML and inspection authority ARH. The skid that will be installed upstream the wells, is composed of two meter runs each one includes a Coriolis flowmeter, filtration system, pressure and temperature transmitters, isolation valves and accessories. The skid has been designed in a configuration that allows both the customer and ONML to calibrate the meter runs on site by using a master meter prover or a tank prover.

All the instrumentation are being wired to a flow computing cabinet installed in the control room with a full redundancy configuration and a SCADA system interfaced with the DCS of the plant.



## Project Overview

### Scope of supply :

- Bidirectional redundant Coriolis metering skid
- Filtration system
- Metering Control Cabinet with redundant flow computing calculators
- 01 set of instrumentation for each meter run
- 01 set of isolation trunnion valves for each meter run
- 01 Spare parts for two years
- ONML approval
- ARH dossier

### Scope of services :

- Supervision to installation
- Supervision to commissioning and startup
- Training sessions for the customer's staff

## Key achievements

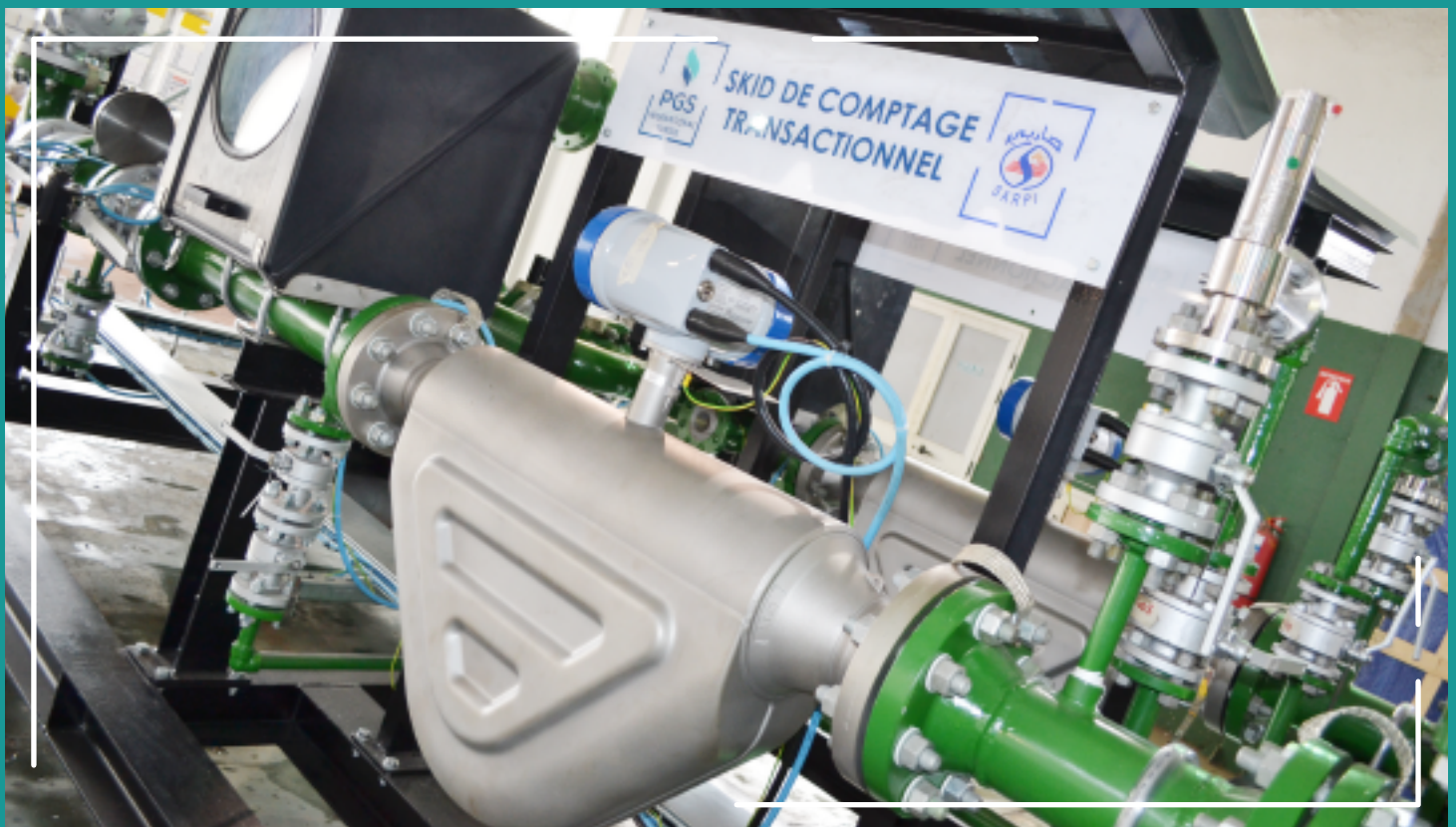
Thanks to the combination of its multidisciplinary department, PGS was capable to deliver the tailored solution joining both process and automation expertise in engineering, assembly and field works.

The end user was granted a fully automated metering package designed, fabricated, tested, calibrated, and commissioned and by PGS team.

## Customer satisfaction

The factory acceptance test has been conducted successfully in our workshop in Tunis with the presence of both SARPI and SONATRACH.

After signing the FAT report, our field service experts will move to TOUAT 2 in order to train the client and assist them in the installation and commissioning of the system.



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