



PANMIS

Satellite Oil & Gas IoT

PAN P.G.P Pressure Gauge Turnkey Package

**Remote Well and Pipeline Pressure
Monitoring for Oil & Gas**

INTRODUCTION

The PANIMS is suitable for gathering pressure data from wells and pipelines in very remote and hazardous locations with no cellular or grid power available using LoRaWAN and satellite wireless technologies. A single satellite pressure gauge pack will monitor an onshore or offshore oil and gas field with 5 to 10 rigs or a 10 km stretch of remote pipeline. Multiple satellite pressure packs can be combined to cover larger remote locations. The satellite pressure gauge pack comes with the following components.

OUR SOLUTION



- 1 x LoRaWAN Satellite Gateway
- 15 x Wireless Oil and Gas Pressure Gauges / Sensors
- 1 x Customer Dashboard
- 1 x Customer Technical Support Package
- 1 x Satellite Airtime Package for 12 Months Continuous Operation

Out of the box, the PANIMS will take your field team less than half a day to install and see pressure data appear on the customer dashboard.

All components are pre-configured to work immediately and require no communication or IT knowledge to install.

Field engineers do require knowledge of the correct installation steps of pressure gauges on wellheads / pipelines and hold appropriate certification for working in hazardous locations. The satellite pressure gauge pack comes with engineering support package options that include pre-deployment training and rig-up planning as required.