



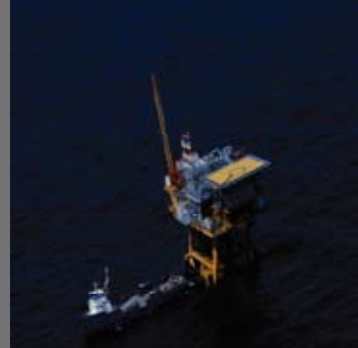
## VERTICAL MARKET

### Oil & Gas

- Upstream
  - Floating Production, Storage & Offloading (FPSO)
- Loading & Unloading
  - LNG Tanker Loading
  - Jetty Unloading (Bunkering)
  - Truck & Rail Terminals
- Distribution
  - Gas Pipeline Transmission (Sales Gas)
  - Crude Oil & Gas Transportation & Storage
  - Offtake Station

### Refining & Blending

### Power & Utilities



## APPLICATIONS

### Custody Transfer

- Accurate Measurement
  - Improve Operations Profit
- Fiscal Metering

### Non-Custody Transfer

- Allocation
  - Distribution to various stations
- Process Measurement



## OUR STRENGTHS

We are a Total Solutions Provider, with excellent Design Expertise, strong Project Management, Partnership with Leading Brands and good Fabrication Capability.

### Design Expertise

- Consultants with > 15 years of applications experiences

### Strong Project Management

- Team with international project management experiences
- More than 200 Engineers with knowledge and experience in Automation and Control industries

### Partnership with Leading Brands

- Proven track records

### Fabrication Capability

- Fabrication yards that can accommodate various sizes of Metering Skids



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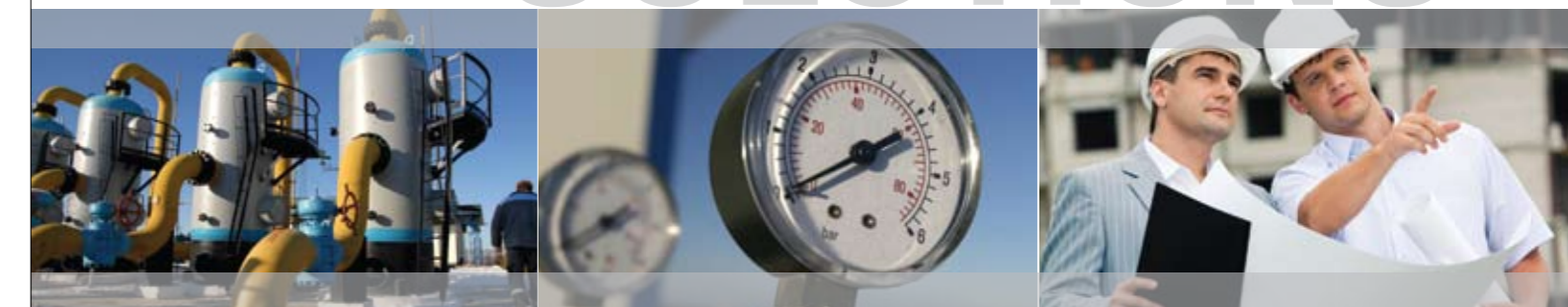
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# METERING SYSTEM SOLUTIONS





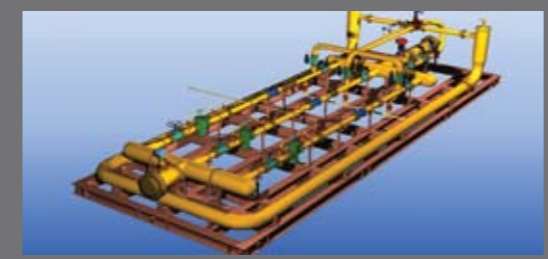
## ABOUT US

Consen Automation International Operations, with its headquarters in Singapore, is one promising, young and energetic company, providing customized engineering solutions to the process control and power industries. With a team of more than **1,800 highly-motivated employees** in **3 continents, namely Asia, Europe and North America**, we have built a culture of delivering quality solutions to achieve excellent customers' satisfaction.

Our employees' dedicated commitment to excellence has enabled Consen to achieve high growth, gaining significant recognitions as the **market leader in engineering, automation and controls.**



## METERING SKID SYSTEM



GAS METERING SKID	
No.	Description
1	Inlet / Outlet Header
2	Flow Meter
3	Inlet / Outlet Isolation Valve (DBB Ball Valve)
4	Strainer / Air Eliminators
5	Pressure & Temperature Transmitters
6	Pressure & Temperature Gauges
7	Flow Computers / Metering Control Panel / Supervisory Computer

LIQUID METERING SKID	
No.	Description
1	Inlet / Outlet Header
2	Flow Meter
3	Inlet / Outlet Isolation Valve (DBB Ball Valve & Plug Valves)
4	Strainer / Air Eliminators
5	Pressure & Temperature Transmitters
6	Pressure & Temperature Gauges
7	Flow Computers / Metering Control Panel / Supervisory Computer
8	Prover (Ball or Compact Provers)
9	Liquid Sampling System

## TYPES OF FILTERS

- Gas Filter – Gas
- Strainer / Air-Eliminators - Liquid

## TYPES OF ANALYZERS

Type of Analyzers

- Gas Chromatographs
- Moisture Analyzer
- HC Dew Point Analyzer
- H2S Analyzer
- CO2 Analyzer
- Analyzer Shelter

## TYPES OF TRANSMITTERS

Type of Transmitters

- Pressure Transmitter
- Temperature Transmitter
- Pressure Gauge
- Temperature Gauge

## TYPES OF METERS



## TYPES OF VALVES

