PSI Software AG

PSI develops and integrates software solutions and complete systems for utilities, manufacturers and infrastructure providers in telecommunications, traffic and safety. The company was founded in 1969 and currently employs 1,619 individuals in eleven German and seventeen locations in Europe, Asia, The Gulf Region, North America and South America. In financial year 2016 the Group achieved revenues of 176,9 mil €. The company is listed in the Prime Standard of the German stock exchange.

Net Sales 2016	176,9 million €
Equity	75,3 million €
Employees	1,619

For over forty years, PSI has been developing intelligent control systems for the management of large-scale energy grids. These high availability systems provide optimised management of energy transmission and distribution and thus make an important contribution to the safe and reliable supply of electricity, gas, oil, heat and water.

PSI is a world leading system provider of integrated gas and pipeline management solutions. Operators of gas and liquids pipeline systems have been running the reliable and robust solutions to monitor and control gas and liquids pipeline systems for decades. PSI solutions ensure the best operating performance while reducing operating costs and safeguarding the environment. In addition, the solutions meet the highest industry and regulatory standards.

Gas management solutions

The transmission, distribution, storage and supply of natural gas require outstanding solutions to operate the entire gas chain. In order to transport gas in a safe, reliable and sustainable way, PSI's gas management solutions include a complete suite of integrated, full-featured modules.

Solutions for energy data management cover all gas-specific processes from calibrated transmission of measurements to data processing, contract management and invoicing.

Pipeline management solutions

The transportation of crude oil, gas, condensate, NGL and products from production plants to terminals and refineries requires proactive, safe and efficient support of all pipeline operations.

PSI provides a complete suite of real-time applications for leak detection and location, pipeline integrity monitoring, tracking of multiple products through single pipelines, planning and execution of critical activities and scheduling and optimisation of operations.

PSI

Monitoring and control
- Full-featured SCADA system for gas and liquid pipelines
- Integrated data historian
- Virtually unlimited scalability
- High security and availability
- Platform independent
- Highly customisable

Gas management solutions
- Leak detection and location
- Real-time, predictive and what-if simulations
- Model-based calorific value calculation
- Scheduling and dispatching
- Contract management and monitoring
- Capacity management, nomination and allocation
- Shipper management
- Gas demand forecasting
- Storage management
- Gas transport optimisation
- Business data communication
- Metering solutions

Pipeline management solutions
- Leak detection and location
- Batch and scraper tracking
- Real-time, predictive and what-if simulations
- Pipeline integrity management
- Velocity monitoring
- Corrosion forecast
- Pump optimisation
- Pipeline scenario analysis
- Roughness wall monitoring
- Pipeline stress monitoring
- Inventory calculations
- Tank management
- Operation optimisation
- Scheduling and planning

For both new and experienced operators PSI provides a comprehensive training system for conducting off-line simulations of real-world process conditions.

As general contractor, PSI delivers turn-key solutions consisting of
- State-of-the-art software
- Computer and peripheral hardware
- Telemetry control system
- Network and communication equipment

Over 500 highly qualified engineers, physicists and mathematicians are employed in the energy division, 180 dedicated to the Oil & Gas sectors.

It is PSI's strategic aim to ensure and improve continuously the quality of our systems. To further this PSI introduced a Quality Management System in 1994. This system was ISO 9001 certified by TÜV Bayern Sachsen in 1994 and is re-certified every three years.

Many European and international energy suppliers are among PSI's customers:
- AWP GmbH (Adria-Wien-Pipeline)
- DONG Energy
- E.ON Gastransport GmbH
- Gasunie Deutschland GmbH & Co. KG
- Kuwait Oil Company
- OAO Gazprom
- OAO Lukoil
- Saudi Aramco
- TIGF

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