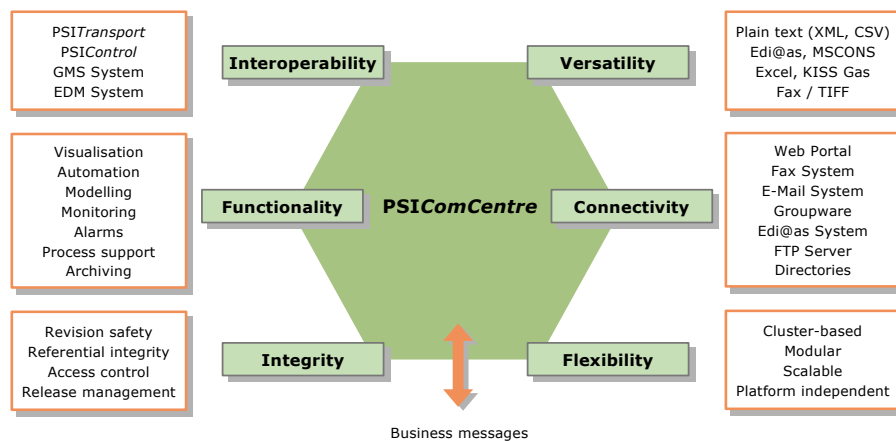


PSIComCentre Gas Market Communication



Liberalisation, new market developments and changing regulatory requirements are defining new communication benchmarks between gas companies. New business processes and market players have led to changes in traditional processes and roles. Implementation requires quick, safe and standardised message exchange between all market participants. The PSIComCentre communication system is equally suited to meet the requirements of network and storage operators, transporters and distributors as well as shippers, brokers and traders.

PSIComCentre functions as a data turntable for gas data and gas messages. It is thus possible to exchange availability messages, nominations, hourly process data (i.e. gas characteristics) as well as delivered and transported quantities.

Flexible Message Formats

The number of supported free or structured message formats used to define or analyse gas business messages contain

- EDIG@S
- KISS-Gas
- Excel
- XML
- ASCII
- CSV
- TIFF

These different message formats can be used at the same time by PSIComCentre. EDIG@S based messages are supported comfortably and regardless of version. User friendly visualisation of complex messages allows for easy checking and releasing before message transmission or data acceptance is carried out.

Variability in Transmission Protocols

PSIComCentre supports various file or protocol based transmission techniques (e.g. FTP, OFTP, E-Mail, ISDN, X.25) as well as widespread messaging and groupware systems. This enables the use of digital signatures and certificates. Protocol specific encryption procedures increase data security when exchanging messages. Additional protocols can be easily integrated due to the highly modular architecture. Extensive and trouble-free support of migration processes during business data exchange transactions is also available.

Seamless Web Connection

Special features include integrated data transmission from Web portals and data processing via the Internet that also fulfil all revision stability, auditability and client-capability functionality.

One PSI Solution

Seamless integration to PSI software modules is especially noticeable with the operation, data exchange and securing the referential integrity of contractual objects or data tracks of the backend system. Depending on configuration, additional transaction management functionality such as term monitoring, plausibility and testing as well as blocking times and corresponding reaction functions are available. An internal expandable API exists for integration into third party systems. PSIComCentre is also available as an integral component of a schedule management system.

Customised Configuration

The configurability of PSIComCentre is sufficient for a single workstation system to a highly available and redundant central communication server in a multi-user environment with operations and special functions in the back office area.

PSIComCentre is based on scalable and modern technology for meeting increasing operational capacity and automation requirements. Powerful interfaces support the use of PSIComCentre in a highly available environment or remote locations. An additional web-based interface for basic administration purposes minimises the need for additional client installations.

PSI Aktiengesellschaft für Produkte und Systeme der Informationstechnologie

Dircksenstraße 42-44

10 178 Berlin

Tel: +49 30 2801 - 0

Fax: +49 30 2801 - 1000

<http://www.psi.de>

Contact

PSIEnergy Oil & Gas

Dr. Martin Bürgel

Tel: +49 30 2801 - 1504

Fax: +49 30 2801 - 1011

E-mail mbuergel@psi.de

<http://www.psioilandgas.com>

