

PSImarket – Integrated Energy Trading and Sales System



PSImarket is an open, extendible and modular product for the energy industry. It has been developed to help our customers meet and master the challenges of the liberalized energy markets and manage all necessary processes.

Application

PSImarket is a comprehensive solution covering all processes of energy sales, from strategic planning to controlling. It unites all aspects of energy trading, from the front office to the back office, in a single solution offering an unprecedented degree of integration.

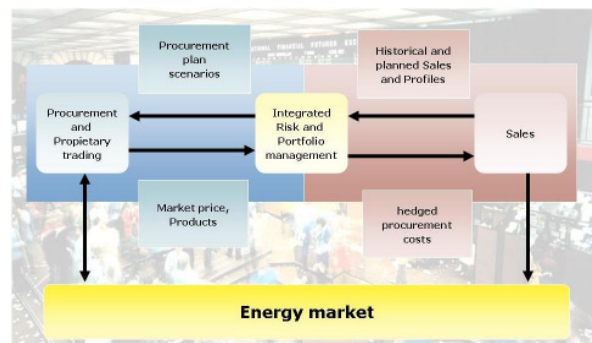
Based on individual functional modules, which are all based on the same basic system, PSImarket can be configured as:

- Energy trading system
- Energy sales system
- Sales planning system
- Integrated portfolio management system for energy trading and sales

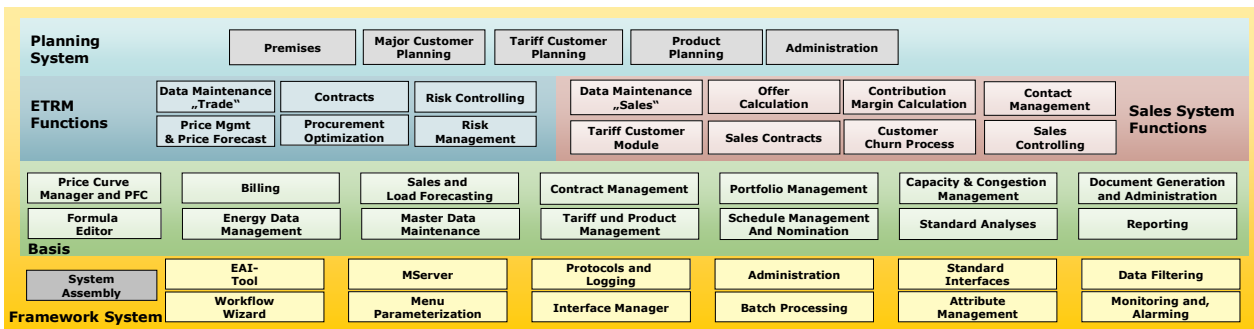
The system's modular structure allows it to be precisely tailored to the specific business processes and requirements of the owner. Third-party systems can be linked and integrated via standard and project specific interfaces or via our EAI tool.

Trading processes

- Sales and price forecasts
- Administration, calculation and management of all relevant energy contracts and derivatives
- Decision support
- Scheduling, nomination and balancing group management
- Portfolio management
- Risk management and controlling
- Capacity management
- Analyses and reporting
- Accounting and invoicing of all contracts and services



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Sales processes

- Administration of customer and sales data (CRM)
- Sales planning for industrial and domestic customers (sales, revenues, contribution margins)
- Detailed quotation costing for distributors, industrial customers, commercial customers and customers with multiple meters
- Cost, revenue and multi-level contribution margin accounting
- Customer change processes
- Sales/load forecasts
- Portfolio management
- Time series management
- Sales controlling

Features

PSImarket offers an unprecedented level of integration, thus eliminating the need for multiple separate systems and interfaces. The modular structure makes it exceptionally flexible, opening up a wide range of configuration and integration options.

Basic system features are:

- Multi- client capability
- Multi-user capability
- Multi commodity support
- Multi currency support
- Multi language support
- Flexible formula editor
- Meets all audit requirements
- Parameterizable background processes.

Powerful concepts have been implemented, for example, user-defined menu structures and display options, user-defined attributes available for filtering, a central filter system enabling flexible analyses, configurable imports and exports and a plug-in interface, which allows users to add extend the available functionality.

System concept

PSImarket is implemented in Java and uses Oracle databases. Complex, time-critical calculations are implemented in PL/SQL. The system design provides an optimal functional and quantitative scalability. The system is platform independent.

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