

Lutech Sinergetica Perseo ETRM Suite

A complete front-to-back office solution designed to support the whole energy business process.

The Suite is an Azure native Solution covering all Energy Commodities on a multi-country platform, and supporting many operating Legal Entities.

The Suite is dedicated to Wholesalers, Traders and Resellers and **includes: deal capture, time series management, portfolio and risk management, settlement and regulatory compliance, multi-market interfaces for European scheduling and real time portfolio analysis, metering data and forecasting management, clustering and aggregation, pricing tool generation, contract management** and fixing.

What is Lutech Sinergetica Perseo ETRM Suite?

Energy Trade and Risk Management solution to support the whole energy business process. The Suite supports data acquisition from external providers (weather data, prices, metering, etc.), drives direct communication to third-party systems (scheduling, bidding, etc.), manages reports supporting trading strategy and portfolio management including invoicing.



Lutech Sinergetica is a reliable, service oriented, flexible and quick in answering **suite, oriented to customer's needs.**

- Reporting & Dashboarding features support the user in the creation and monitoring of the portfolio operations, with multiple levels of details, drill down, built-in graphics, and tables.
- The suite makes available the entire set of information stored allowing customized reports using Microsoft Office tools, like Excel and Power BI.

Trading Strategy and Bidding Management

- Short/long Term Market Strategies and analysis of portfolio and economic KPIs
- Historical and real-time series management and portfolio analysis, graphical analysis and reporting tools
- Operative dashboards, graphic and tabular user-friendly interfaces

Best in class strategy trading to improve your business

After a careful software selection, we have chosen to rely on Lutech Sinergetica because it combines a wide functional coverage on the business domains required with a deep knowledge of the business processes. Moreover, the energy market restructuring process imposes a careful but flexible approach in the project management, that we have found in the values of Lutech Sinergetica

EDM & Forecasting, Customer/Producers Interface

- Automatic import retail metering data (consumption), what-if and back-office analysis, clustering and aggregation
- Short/long term demand forecasting
- Contract management, risk exposure to indices and prices, fixing activation and reporting tools

Scalable architecture ready to support your growth

Portfolio & Risk Management, Settlement, Scheduling Power/Gas

- Contract and portfolio management, data management, counterparty exposure and sensitivity, deal lifecycle and Confirmation workflow, settlement and compliance support
- Scheduling and bidding power, plant dispatching, market results, gas nominations, TSO's communications, storage management and balancing

Effective Risk management to optimize your portfolio

- Energy Management Director of a major energy Company in Europe

Lutech Sinergetica Perseo ETRM Suite on Azure allows Clients to scale and take advantage of Azure services



High availability

- «SQL Server Always ON Availability Groups» for active database at 99.99% of the time.
- The Virtual Network service provides 99.9% availability of the Virtual Network gateway.
- «Read-Access Geographically Redundant Storage» at least 99.99% of the time.
- «Locally Redundant Storage» and «Geo Redundant Storage» at least 99.99% of the time.



High scalability and high flexibility

- Redundant hardware configuration for the application server in load-balancing configuration drive to split workloads on servers and having greater availability at the same time
- It's possible to scale up the system vertically and/or horizontally, and so to manage any business increase
- Replicate the application server in multiple instances drive to increase performance as needed.
- SQL Azure Database on geographic redundancy allows to deploy the Suite on premises or in cloud.

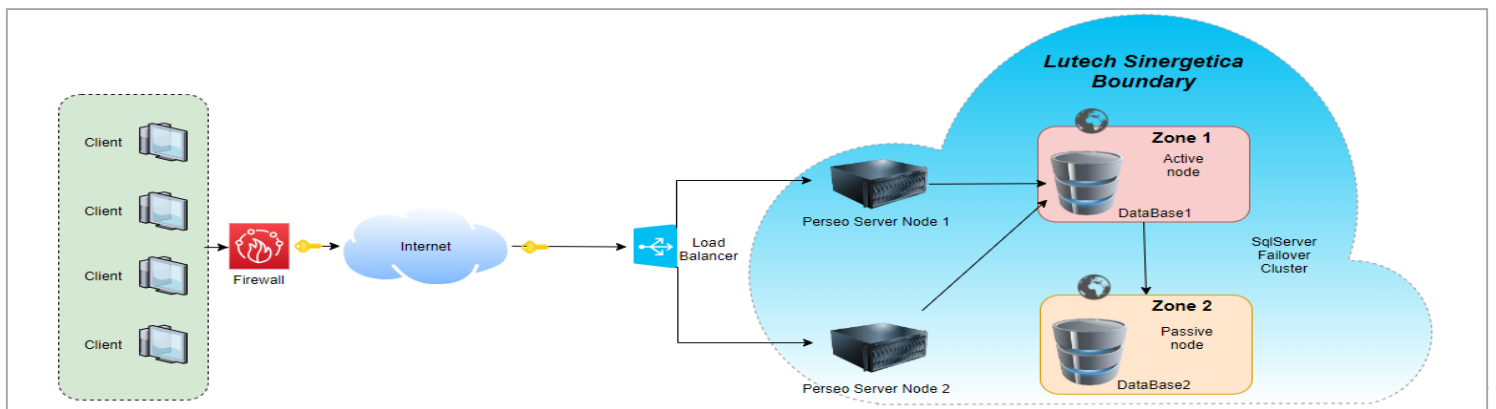


Lutech Sinergetica Perseo ETRM Suite

High **availability** of Azure native solution, high **scalability** and **flexibility** to provide an **interconnected, integrated and powerful environment** to adequately address challenges of the Energy Sector.

Software Optimization

- The primary goal of Lutech Sinergetica is to optimize the software to work on cloud platforms, of which high scalability and flexibility are the core principles.
- All Suite is «Microsoft Azure platform» native.



Tangible Benefits / Desired Outcomes

- Establish new Partnership with market product leaders thanks to Microsoft collaboration
- Expand Lutech Sinergetica European market presence thanks to Microsoft partnership

Why Lutech Sinergetica?

Energy Management and Business Analytics Applications – Lutech Sinergetica offer a Perseo ETRM Suite to support the complete Deal Lifecycle and Wholesaler, Trader and Reseller Portfolio Evaluation. More than 30 energy Companies in Europe have already chosen Azure SaaS Lutech Sinergetica solutions to run their own business.