e·Opt Solutions

PRICEHUB

e·Pool
Embedded Price Data

The PriceHub Suite

We are a specialized software house based in Mannheim, Germany.

Our flagship product, the **PRICEHUB** Suite, is an integrated set of tools that sits alongside your ETRM systems to fill in some of the critical gaps that exist in most mainstream systems.

Each **PRICEHUB** module addresses a specific challenge around:

- Price Forward Curves
- Compliance & Regulatory Reporting
- Energy Contract Pricing & Offer Management
- Intraday Optimization & Trading
- Scheduling & Nomination
- Interfacing to Exchanges and Brokers

Your Advantages

Relevant Commodities

Pan European Markets

Flexible Processing

Just-in-Time Processes

e·Pool : Enterprise wide Price Data Repository

Unfortunately for the Energy Vertical, an Industry wide common Standard Data interchange protocol has yet to emerge. Whether it is prices, volumes or contracts, every vendor publishes data in its own proprietary format. This has led to:

- *A spaghetti bowl of data formats, protocols and delivery mechanisms.*
- *Individual nomenclatures and styles that are often incompatible with each other.*
- *Different Licensing Policies and Data usage freedom.*

Consequently, without a robust and reliable Price Data Management System, an Energy Trading entity is left with a weak structure based on which critical Pricing and Risk decisions are made. What is needed is an enterprise-wide single point of truth regarding Prices. Data that is standardized, consistent, correct and most importantly, available to and used by all dependent systems.

With **e·Pool** we have such a system for the European Energy Markets. It is a comprehensive Price Data Management application that automates the process of acquiring, parsing and cleaning, normalizing and standardizing, storage, and ultimately publishing of all kinds of price related data, for a variety of energy related commodities, published by European and other Global data vendors.

e·Pool comes pre-configured with a library of more than 150 different market sources, delivering data in all kinds of formats and for every kind of commodity and instrument. New markets and instruments are continuously being added. Key highlights of **e·Pool** include:

- **Automated Processes**
- **Price Breach Notifications**
- **Standardized Price Data Repository**
- **Robust Processes. Flexible Scheduling**
- **Seamless Integration with Downstream Systems**
- **Extensive Reporting capability. Multiple Formats & Granularity.**
- **Repository for in-house Custom Price Data.**
- **Configurable Output Parameters to match receiving systems**

External Data parsing logic largely is built using configuration parameters, that allow quick reaction to external data format changes. Extendible Product definitions and naming rules.

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PriceHub e·Pool : Natively Embed Price Data

e·Pool provides a comprehensive platform for all internal Users and Systems to work off a highly optimized Price Data Repository. In essence, it is configured to download End of Day Prices from different data vendors and based on their individual formats, process the data and validate the plausibility. This cleaned and standardized data is then pushed into downstream systems, in their respective bespoke formats, either directly or with Currency or Unit conversion.

Once prices are in, derived data like Forward Curves, Correlations, Volatility etc., are generated as part of the process. **e·Pool** can integrate fully with **e·Curve** so that a seamless price data process can be built from external sources right up to downstream systems.

e·Pool provides several options for pulling price data into Third Party applications. This is possible via PriceHub Excel Add-in, COM and .NET APIs, PriceHub WebServices, or even at the database level via DB Views. Data is fully exposed along with helper functionality for transforming data.

Key features of **e·Pool** include:

‣ **Export** Data directly into Excel/XML/CSV in multiple formats
‣ Unit and Currency **Converted** Curves. Live IR/FX quotes used.
‣ **Synthetic Prices** based on Formulae and Time shifts
‣ **Aggregate** prices to higher or lower Granularity.
‣ Complete **Overview** of the each step of the Price Process.
‣ **Publish** data to Downstream systems in bespoke formats.
‣ Configurable External and Internal ID **Mapping**.
‣ Run Processes as of **Historic** date. **Compare Prices** across commodities and tenors.
‣ **Real-time** Prices. Intraday Hi/Lo Limits, Alarms, Charting.
‣ Fine grained control over Price Limits and **Breach Notification**.

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"e·Opt distinguishes itself by offering effective and simple solutions to complex problems. They are a company that we are keen to continue working with."

Jochen Zimmermann, Head of Business IT
Enovos Luxembourg S.A., Luxembourg

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