

Contract processing

Customers can order their energy directly in the portal. Immediately after the purchase, they will receive the contract by e-mail as a PDF and can additionally monitor their purchases in the portal.

Suppliers can forward the contracted quantities for procurement directly to their own sales portfolio via API. State-of-the-art safety mechanisms provide the highest possible level of safety.

- Energy purchase directly in the portal
- Filterable purchase history for customers and suppliers
- Direct dispatch of the contract documents
- Individual CI of the contract documents
- Protection through 4-eyes principle
- Limit management for schedule customers
- Protection against double purchases
- Protection through TAN procedure

Portfolio Management

You can aggregate any offers into portfolios with EMDaCS. This allows customer and supplier to keep track of open quantities, procurement level and the average price of the portfolio.

- Inclusion of any offers
- Always up-to-date portfolio report according to the procurement situation
- Calculation of open positions
- Calculation of the current average procurement price
- Calculation of the total procurement price when closing open positions
- Tabular and graphical analysis

PRICING MODELS

BASIC PACKAGE

Fixed monthly fee for system support of up to 10/50/100 customers and for 10 active quotations per customer.

+

Monthly fee for each created customer in EMDaCS.

ADDITIONAL PACKAGES

Unlimited number of additional packages for another 100 customers and 1000 quotations.

solutions for energy sales & trade

The right tool for every application



Weather stations and climate data



Portfolio management for INIPRO



Market price curves for electricity and gas



Time series management for electricity and gas



Energy sales for business customers

We are flexible in every respect: beyond our tools, we also offer individual software development on customer request, energy industry analysis & consulting. Visit our website <https://timpetools.de> and learn more.



Bahnhofstraße 3
37186 Moringen

phone +49 5554 2075-900
fax +49 5554 2075-899

e-mail info@timpetools.de
web <https://timpetools.de>



EMDaCS

Energy sales for individual business customers

Automated. Simple. Trustworthy. Secure.

What is EMDaCS?

The Energy Market Data and Communication System, or EMDaCS for short, is our digital platform that brings together suppliers or energy consultants and individual business customers quickly and easily.

EMDaCS radically simplifies pricing and trading of gas and electricity for all customers with individual load profiles:

You pre-define your margins in EMDaCS and create accounts for your customers. Subsequently, you can upload the encrypted load profiles to EMDaCS and create qualified quotes with just a few clicks. Within seconds, both you and your customer receive a current price as well as a historical price profile of the last year - based on real price developments of the energy exchanges.

EMDaCS also simplifies the contract process: With just a few clicks, your customer can complete the purchase and quickly and easily procure energy at the currently displayed price via EMDaCS. EMDaCS supports all common procurement strategies. Immediately thereafter, your customer will receive their contract as a PDF document. In this way, you enable transparency for your customers, provide orientation and thus strengthen trust and customer loyalty.

Why a portal for the distribution to individual business customers?

Private customer sales are fully automated: Any customer can request a price online, sign a contract, log in to their supplier's portal, and view and edit invoices, consumption, and other information.

Individual business customer sales are significantly more complex because there are no standard profiles and therefore no standard prices due to individual consumption patterns. Forecasting and pricing as well as the entire communication with the customer are therefore often less automated and cost a lot of time and money.

EMDaCS: THE MOST IMPORTANT AT A GLANCE

- Sales communication exclusively through the portal
- Quotation of electricity/gas: real-time metered (RLM)/SLP/standard trading products
- Direct quotation also via external systems (e.g. INIPRO)
- Dynamic price calculation with holding period surcharges based on Value at Risk (VaR)
- Price development visible without inquiries
- Contract processing directly in the portal with a contract document
- Live view of the customer portfolio including customer data
- Market price ticker when specified price limits are exceeded or undershot

WHAT ADDITIONAL BENEFITS DOES EMDaCS PROVIDE?

For suppliers/consultants

- Selection of any procurement strategies
- Any number of tranches with complex price formulas
- Optional markups: global, customer-specific and quote-specific
- Integration into existing systems via the EMDaCS REST API
- Controllable customer display options

For customers

- 24/7 access to view their own quotation and purchases
- Best chances for a good purchase timing through chart analysis with oscillators and indicators
- Purchase by click directly in the portal*
- Portfolio reports available at any time
- Market price ticker with notification when defined price limits are exceeded/undershot

* Notice: Consultants or their clients can simulate the real purchase by entering the date and price.

WHAT FUNCTIONS DOES EMDaCS PROVIDE?

Quotation

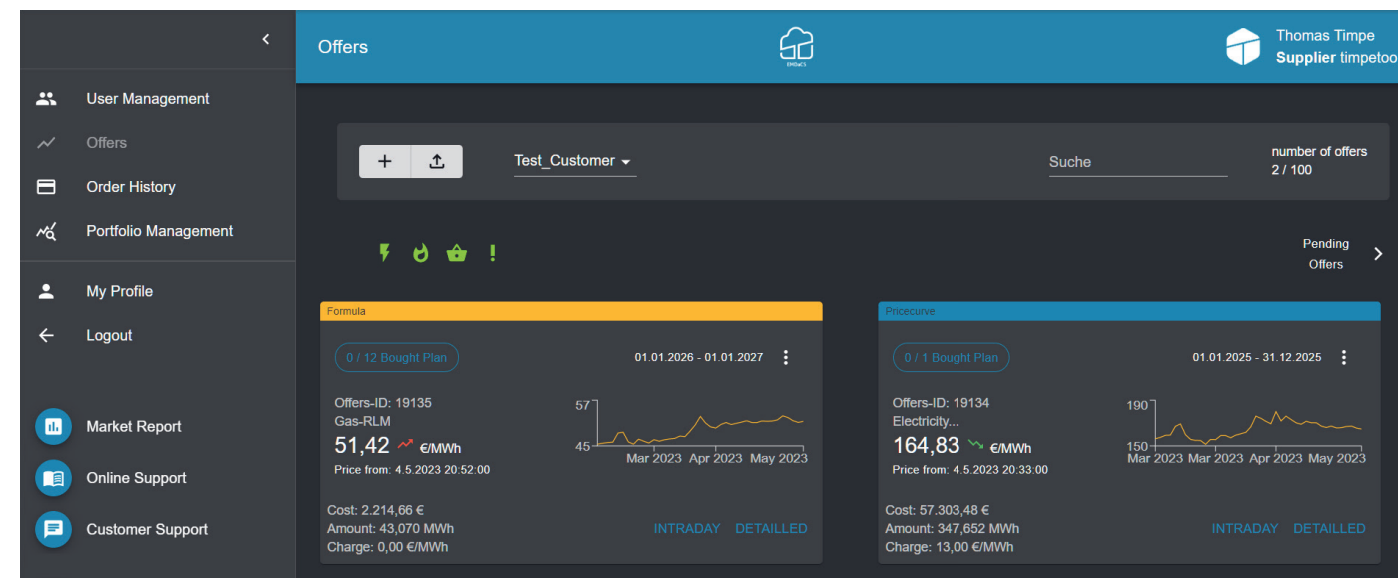
Every new offer needs a demand forecast. You can directly import demand forecasts for power and gas from external systems such as INIPRO or generate them directly in EMDaCS with just a few clicks.

You can easily upload actual data to EMDaCS using Fleximport. With gas you have the option to additionally select a DWD weather station. Only a few seconds later the price incl. price history over one year is calculated.

Of course, offers for SLP and standard trading products can also be easily created.

Forecast types

- Real-time metered (RLM) electricity based on actual data, 15-minute and hourly intervals
- Real-time metered (RLM) gas based on actual data, hourly and daily interval
- SLP-electricity G0-G6, H0, L0-L2
- SLP-gas, including all TU-Munich profiles incl. SigLinDE
- Standard trading products electricity: base and peak
- Standard trading products gas: base
- Direct upload electricity and gas on Excel or ASCII basis
- Direct upload electricity and gas via INIPRO



Quotations for gas (yellow) and electricity (blue) in EMDaCS

Procurement strategies

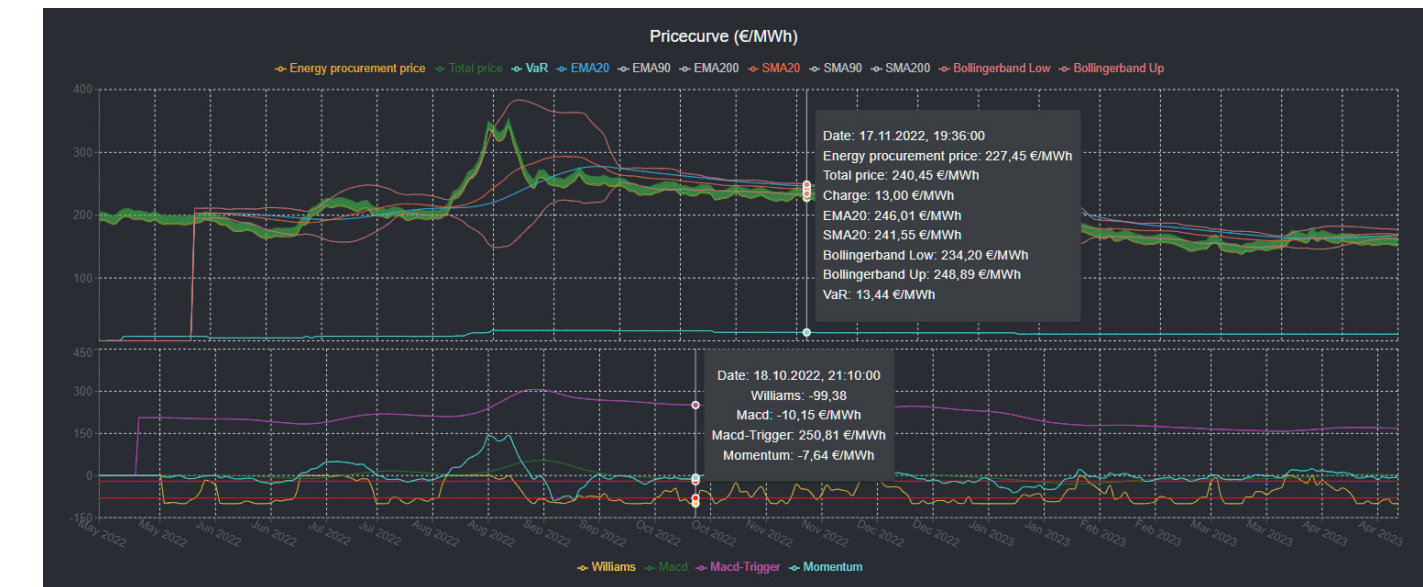
EMDaCS supports all common procurement strategies and their switching.

- Key date procurement (classic full supply)
- Horizontal tranche procurement (automatic and manual)
- Vertical tranche procurement
- Any number of tranches
- Arbitrarily complex formulas with base/peak in the time periods of month, quarter and year
- Spot market procurement

Price determination and Surcharges

EMDaCS uses either its own price curves or those of the supplier. The contract price for full supply contracts is determined in real time. For tranche contracts, prices are determined by formula.

Spot market procurements use the day-ahead prices of EPEX (electricity) or the EGSI prices of PowerNext (gas). Global, customer-specific and supply-specific surcharge enable differentiated offers. You can provide initial prices for upstream calculations.



Price history with indicators and oscillators

- Price curves HFC (electricity) and DFC (gas) for key date procurements
- Calculation of horizontal tranche contracts with configurable price formulas
- Global, customer-specific and quotation-specific surcharge
- Any number of formula terms with monthly, quarterly and annual products*
- Calculation of holding period surcharges with Value at Risk (VaR)
- Daily spot market procurement with settlement according to EPEX/EGSI prices

* Formula example: $0.901 \times \text{J-Base-2025} + 0.1 \times \text{J-Peak-2025} + 15.76$