



mAInchart

by FUERGY

**Product
brochure**

www.fuergy.com

dispatch system for energy retailers

mAlnchart by FUERGY

mAlnchart is a fully automated dispatch system that requires minimal action from the energy retailer. It is a product developed on mosAlc – a unique software platform created specifically for the energy sector, enabling management of various technological processes such as online monitoring, generation of consumption plans, communication with external systems, management of energy storage and power generation, data visualization, billing and more.

Dispatch system for energy retailers

mAlnchart offers online data monitoring and consumption plans for retailer's customer portfolios which allow for quality decision making and proficient energy trading on the day-ahead and intraday electricity markets. It also provides a complex overview of the current status of balancing groups as well as the overview of their deviations.

We are Living in the
Future of Energy.
Are you?

Who is it for?

mInchart dispatch system is suitable for energy retailers who want to monitor and plan the consumption of their portfolio more precisely, whether on the level of individual customers, customer groups or balancing groups.

What functionalities does mInchart offer?

- Categorization of delivery points
- Categorization of production by source type
- Online monitoring of transmission system & deviations
- AI-powered predictions of energy production & consumption
- Communication & data exchange with external systems
- Visualizations & graphical reports
- Balances & financial evaluations
- Evidence of completed energy trades
- Regulation of batteries & energy sources
- Online diagnostic data
- Automatic malfunction detection
- Billing

FUERGY offers customization of mInchart functionalities upon energy retailer's needs and requirements.



Complex overview of energy portfolio



AI-powered portfolio planning



Extra focus on critical delivery points



Boost of performance on the energy market

How does mAIInchart work?

Monitor and forecast energy consumption

The built-in artificial intelligence (AI) analyzes a wide range of past, real-time data and AI predictions about the energy consumption and defines the energy behavior patterns.

Based on these patterns and other data such as deviations, transmission system status and weather forecasts, mAIInchart provides valuable information for intraday trading and generates consumption plans for day-ahead electricity trading.

Categorize the delivery points

By attributing a so-called "bid" to each delivery point, mAIInchart allows to sort the retailer's customer portfolio into categories such as individual delivery points, customer groups and balancing groups. Subsequently, mAIInchart generates detailed reports and statistics about the consumption behavior within the category.

Communicate with external systems and brAIIn by FUERGY

The system communicates with multiple external data sources, operators' information systems, third-party prediction sources and even connects to any application programming interface (API). What is more, mAIInchart communicates with energy storage solution brAIIn by FUERGY which allows it to transform FUERGY's energy storage into a provider of regulation service.

How to access mAlnchart?

mAlnchart web app

is accessible via the web browser supporting HTML5, preferably via the updated Google Chrome and using VPN only. Each user account is protected by login credentials – user ID and password.

After logging in, the user accesses a dashboard where he can not only manage all of the mAlnchart's functionalities but also change the input parameters for each customer category individually or switch from autonomous to manual control over batteries, energy sources and delivery points.



mAlnchart mobile app

allows users to sort and display the collected data or access the functionalities in read-only mode.

Support

Automatic 24/7 updates of the web/mobile app ensure the following services*:



Security fixes on OS and mosAlc runtime level



Next business day functionality guarantee

Software updates ensuring improvements and functionality of the system



In case of any problems, users can contact FUERGY's customer support department.

*As long as the internet connection is sufficiently strong and stable, users have access to the most recent version of the applications.

Our story

The story of our company began when two groups of very different kinds of people met. One of them were specialists with decades of experience in fields such as energy optimization and hardware & software development. The second group were innovators with a futuristic vision about incorporating the energy sector into the ever-growing sharing economy and shake the foundations of the current energy business. They put their heads together and started to work on a proprietary, highly-scalable hardware device with AI-powered software. We gave it the name "brAln".

After the initial period of development, the three-month pilot testing had begun. The results were astonishing. brAln was able to reduce the energy cost by 66%. At this point, we knew that we were ready to launch talks with our first customers and utility companies. It was during these talks that we realized there is a demand for an even wider range of different products in the energy sector. Using our expertise and existing software development platform, we were able to improve and extend our product range. By working closely with our customers, we are able to create a tailor-made application to suit all their demands. From applications for automated trading for energy producers and portfolio management systems for utility companies, to offering all of our expertise through Energy-as-a-Service solution.



"While finishing projects focused on energy optimization for big factories, we realized the vast potential and advantages an energy efficiency solution could deliver. We founded FUERGY with the intention to offer such a solution to every single energy consumer around the globe."

Radoslav Štompf
CHAIRMAN OF THE BOARD & CEO OF FUERGY



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