amiData

Permanent access
to the data
and lower costs

amister.pl/en

amiData

A web application combines data from multiple sources — measuring devices, other applications, internal services, external portals.

Use as:

1. Data visualization tool.
2. EMS (Energy Management System) class system.
3. A solution for constant calculation of indicators based on the data from measurement systems.

amiData — presents all information in a readable way for efficient analysis. It can support managers, leaders and all employees, who want to take decisions based on reliable and current data. It can be used effectively in different facilities including production plants, hospitals, schools, sports centres and companies with an office area.

Why is it worth it?

Licensing based on the number of measurement points
— no matter how many employees in your company use the system.

Flexible and scalable solution
— quick implementation for many different types of data.

Data visualization from a single machine or the entire factor
— amiData as the focal point.

Clear and simple interface
— you can have important data at a glance.

Easy access regardless of location and device — use your phone, computer, tablet.

Possibilities

Acquisition

Constant monitoring of values from many devices, machines, rooms or systems is time-consuming and difficult to analyse.
The amiData solution collects information from various sources and allows for fast access.

Archiving

While taking business decisions, it is worth considering not only the current data, but also indicators from previous days, months or years.
Gain insight into full historical data with amiData.

Data processing

How much gas did your business use in the last month? How much electricity does it use in specific hours? How not to exceed the dewpoint temperature? Do you want to have access to important information in real time, without the need for manual calculations?
Thanks to the amiData solution, you will gain constant insight into current costs. Use data from measuring devices to start saving.

Possibilities

Data visualization

The solution allows for clear visualization of information, thanks to which **just a glance is enough to see important data from machines and devices.** Example widgets:

Regarding changes in values:

- entering specific values as text,
- change in state value (switch),
- changing the time and date values.

Regarding view layout:

- containers for setting widgets horizontally and vertically,
- a widget for breaks

Regarding value display:

- current date and time,
- a graph with series of data,
- horizontal and vertical progress bar,
- image from local or network resources,
- value as text,
- status LED,
- constant value as text.

Alarms

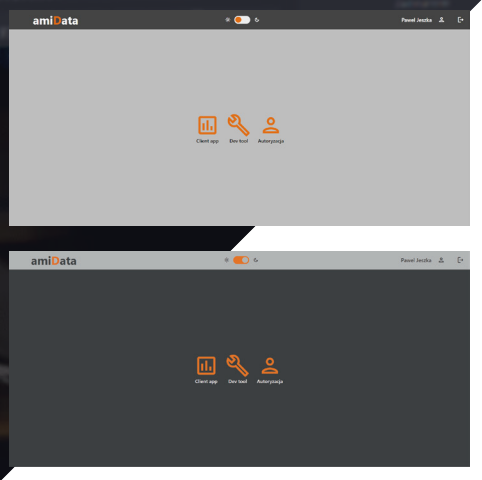
How can you be sure that the threshold values will not be exceeded? Room temperature, power consumption, etc. — there are many examples. **Thanks to alerts, you will gain immediate access to information.** After exceeding certain values, amiData sends automatic messages (alerts), e.g. by e-mail.

amiData consists of two elements
— user application and developer tool.

Client app

Dev tool

2 in 1



User application

Used to visualise data from various machines, devices and services. It gives you the ability to add widgets for control, e.g. a switch, entering a set value.

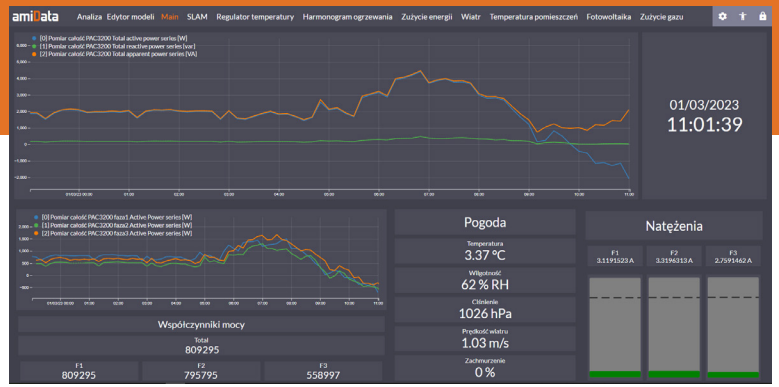
The recipient can also edit from within the application the created views, and give features to each widget, e.g. size, colour, time range, data decimation period.

All data is presented in a **readable way.** The application is **intuitive** to operate and to use every day. **No specialist knowledge required.**

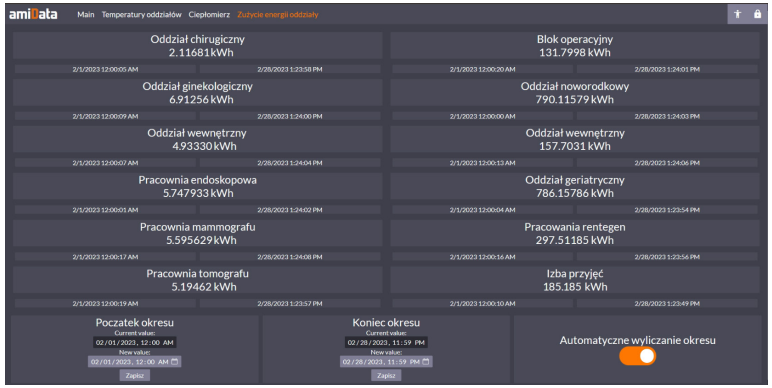
Developer tool

Responsible for creating the logic of the entire solution. Allows you to configure and edit scenes and groups. Facilitates the use of the method to gather data from many instances of the same source on the site (e.g. 30 the same devices).

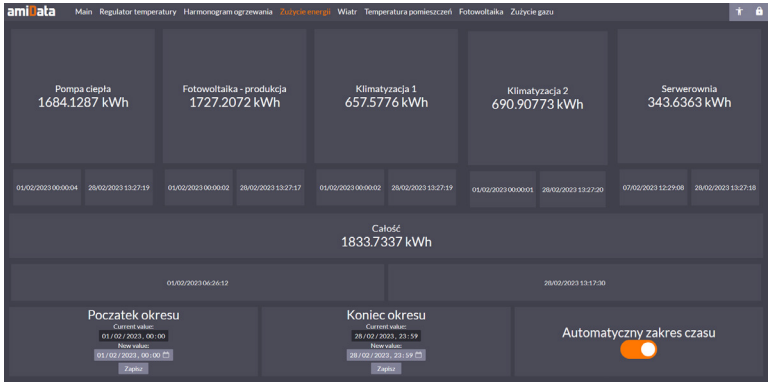
Examples of our projects



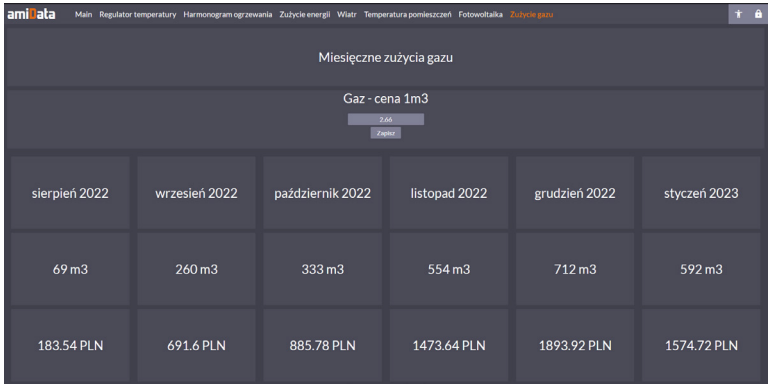
Parameters of the electrical network and weather data downloaded from the OpenWeather server.



Power consumption in different hospital wards.



Power consumed in the company, e.g. by a heat pump, air conditioning, server room as well as power produced by a photovoltaic installation.



Gas consumption in the company by each month.

Production of power by a photovoltaic installation in the company.

Temperature controller.

amiSter

solutions for the industry

Contact

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