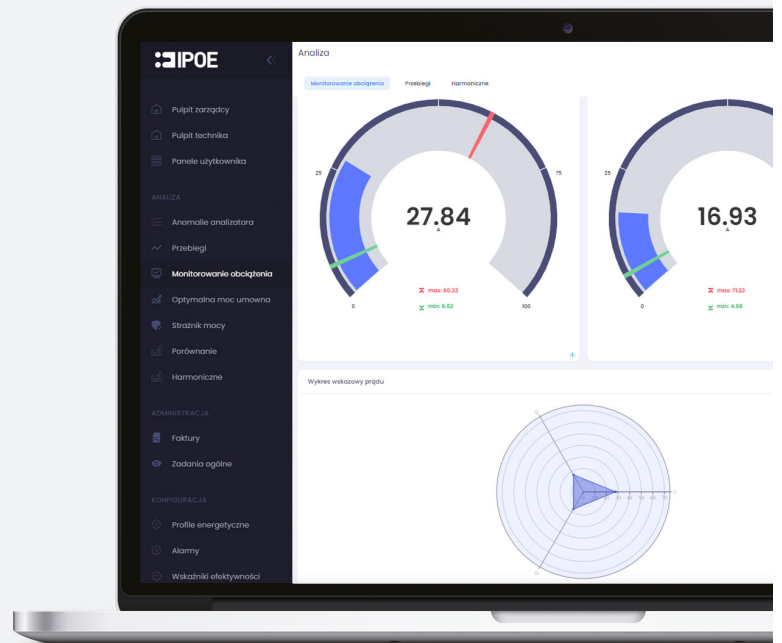


Intelligent Platform for Energy Optimization

IPOE (Intelligent Platform for Energy Optimisation) is an energy management support platform based on the Deming cycle (PDCA) and compliant with ISO 50001. The platform works with industrial and building automation systems. It can also be a standalone solution.



Economic benefits

- Managing Director**
 You have the knowledge to systematically reduce your company's utility costs.
- Maintenance Worker**
 You are immediately aware of emergencies related to the delivery of utilities to production.
- Chief Electrician**
 You can reduce the level of demand for process utilities and ordered power capacity.
- Head of Production**
 You have precise knowledge of when and where a process is generating utility losses.
- ISO Auditor**
 You have quick access to data.
- LEAN Manager**
 Effective PDCA improvement activities.

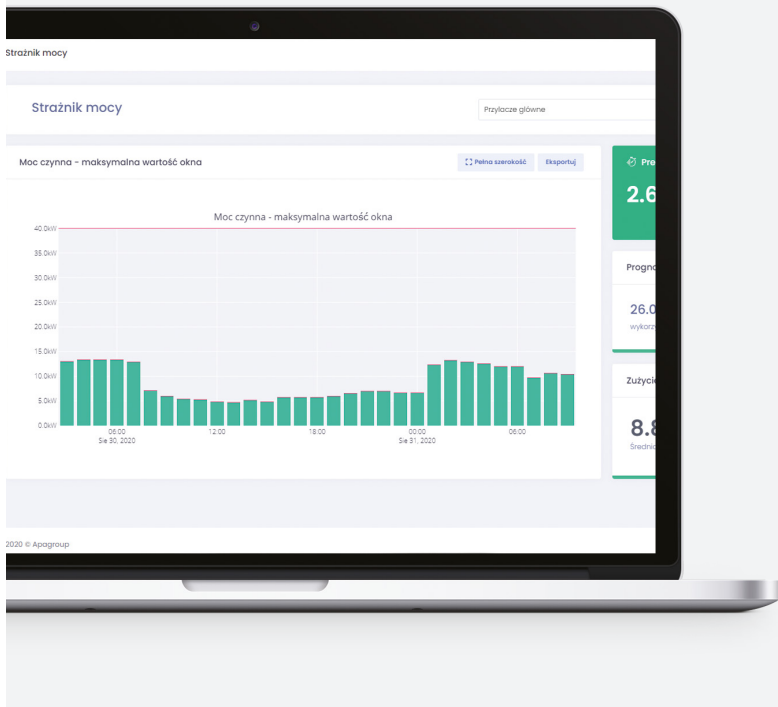
Operational benefits

Main Energy Department

- You have the ability to monitor production utility usage on an ongoing basis automatically, which saves time.
- You know the daily utility demand distribution data for a specific department and machine.
- You can track utility consumption in real time, allowing you to make faster and more accurate decisions.

Head of Production

- You can equip the Production Department with information that will allow the staff to independently change the production schedule depending on the supply of utilities, so as not to exceed the limits of momentary consumption of electricity, for example.



Action plan

Connecting the metering system for a period of time that represents a full 24h/7 days cycle. **1**

Measurement and analysis of the parameters of the electricity consumed. **2**

Developing a report by a team of experts and presenting it in a readable form. **3**

Discussing the report and measurement results and presenting conclusions. Providing a report and identifying recommendations for further optimization efforts. **4**

Is IPOE for you?

Do you want to know about exceedances of ordered power?

Do you want to know about the penalties you are paying?

Do you want to optimise the tariff for your plant/process?

Do you want to know how production efficiency drops during utility outages?

Do you want online knowledge about the effectiveness of your PDCA cycle?

Do you want to be permanently prepared for an ISO 50001 audit?

About us

We are a leader on the market of intelligent industrial automation and building management systems. We have 20 years of experience and dozens of successful implementations for institutions, individuals, municipalities and industrial plants around the world.



Contact us

Sales
+48 570 075 020
handlowy@apagroup.pl

Office
+48 32 231 64 43
info@apagroup.pl

APA Sp. z o.o.
ul. Tarnogórska 251
44-105 Gliwice, Polska

APA Benelux B.V. Onze Lieve
Vrouwestraat 8 5623 PE
Eindhoven the Netherlands