GlobeOMS®
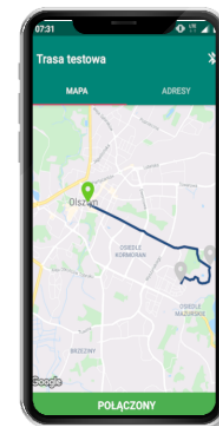
NetLand smart meter solutions
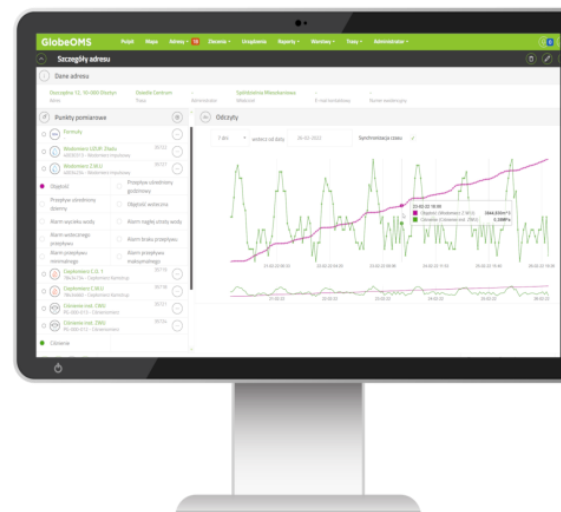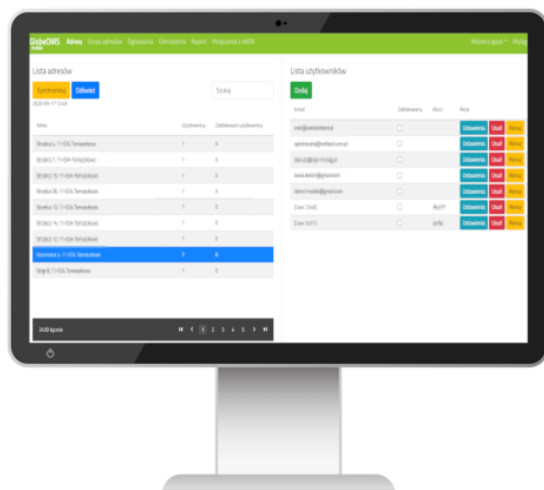
GlobeOMS MOBILE

GlobeOMS®

LITE & PRO   ROUTIFY
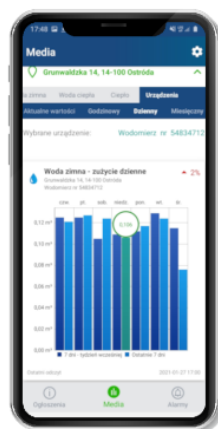
Android/iOS

Android

NETLAND

Simplified architecture
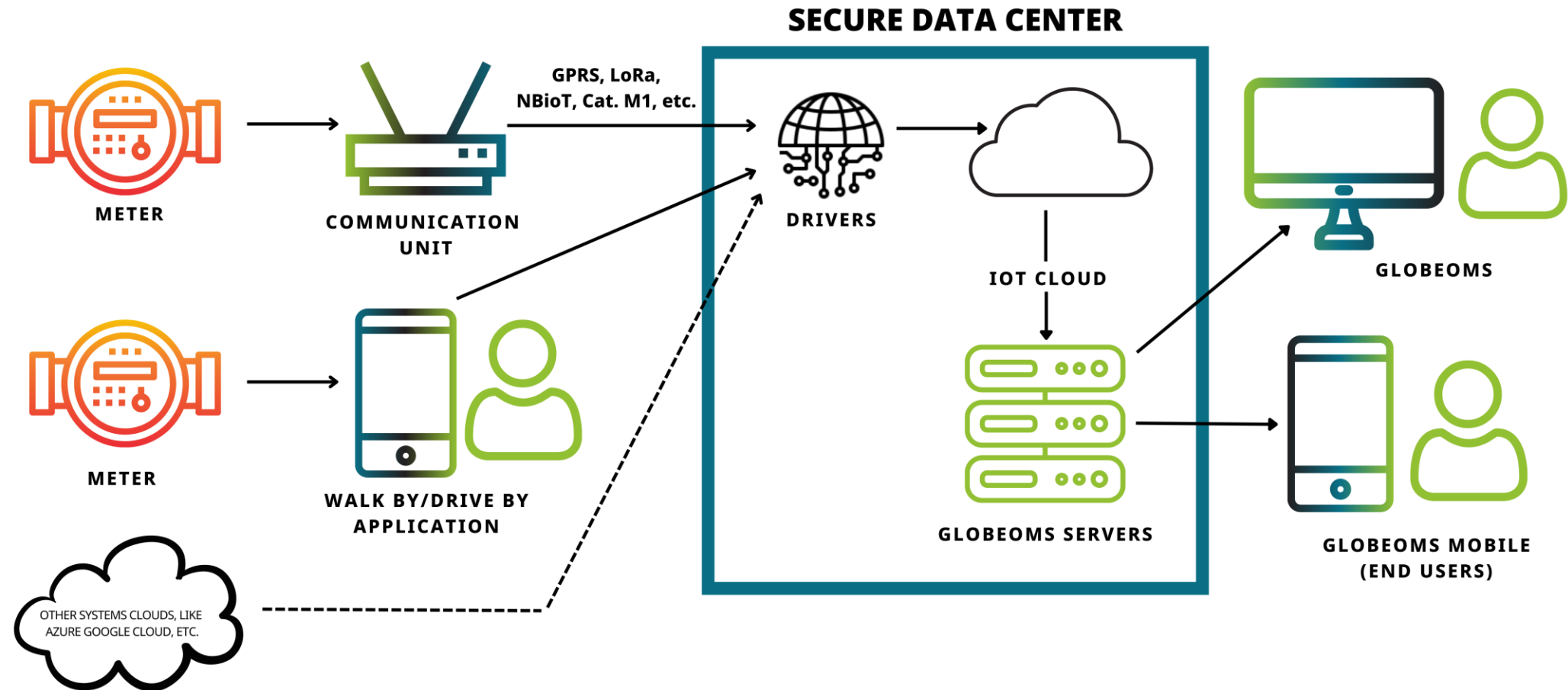
General process

GlobeOMS®

Measuring devices - meters	IoT gateways	IoT drivers	Lincora BigData – IoT cloud	GlobeOMS
• Measuring values such as energy, volume, temperature, etc.	• Measurement values fetching • Transmission of values to drivers • Command handling • GlobeOMS Routify application	• Receiving measurements • Translation /standardization of device protocols • Transmission of commands to devices	• Storing measurements in BigData • Notifying about new measurements • Sharing historical data on demand	• Data presentation in a user-friendly interface • Data post-processing for domain applications • Device control

:NETLAND
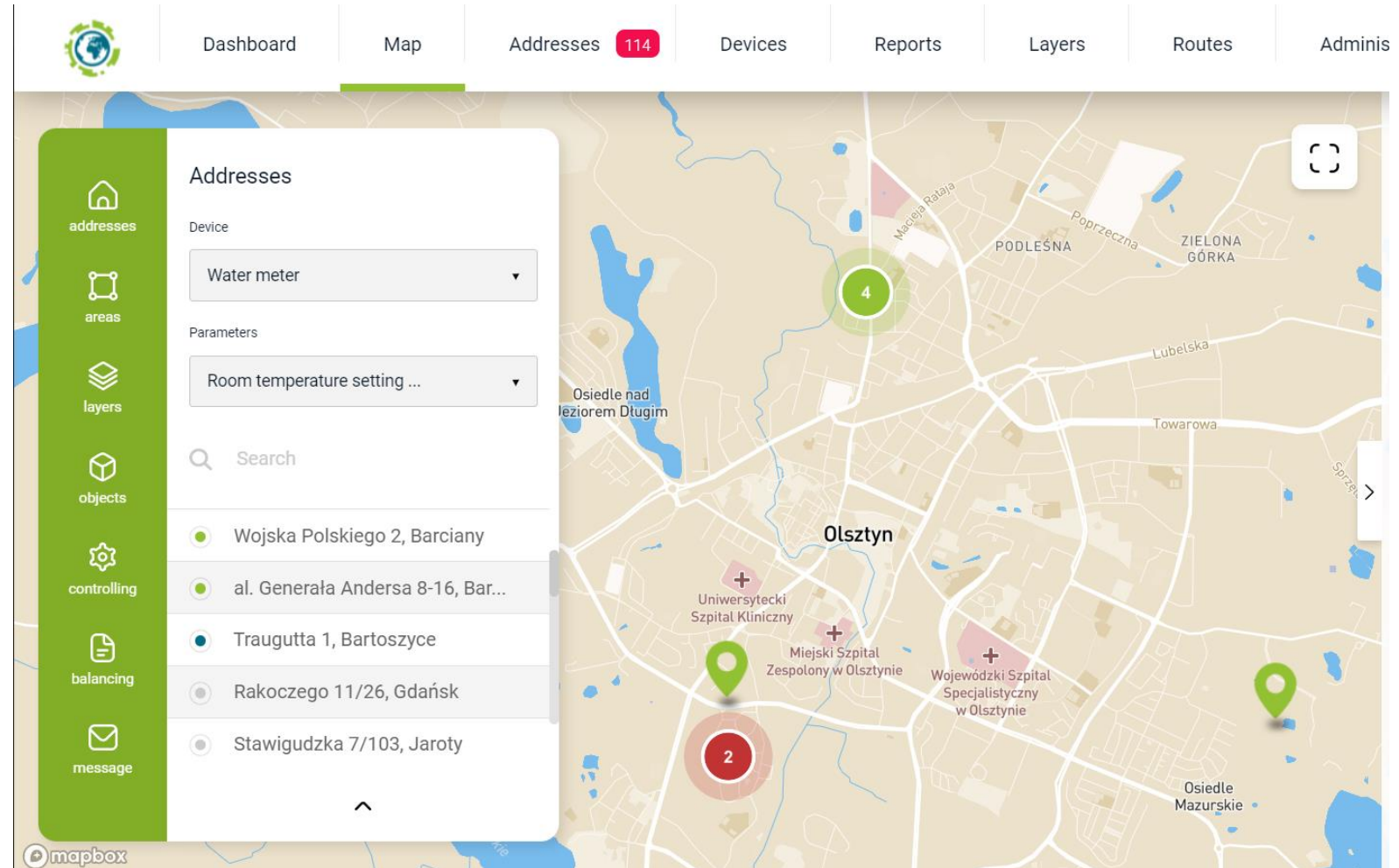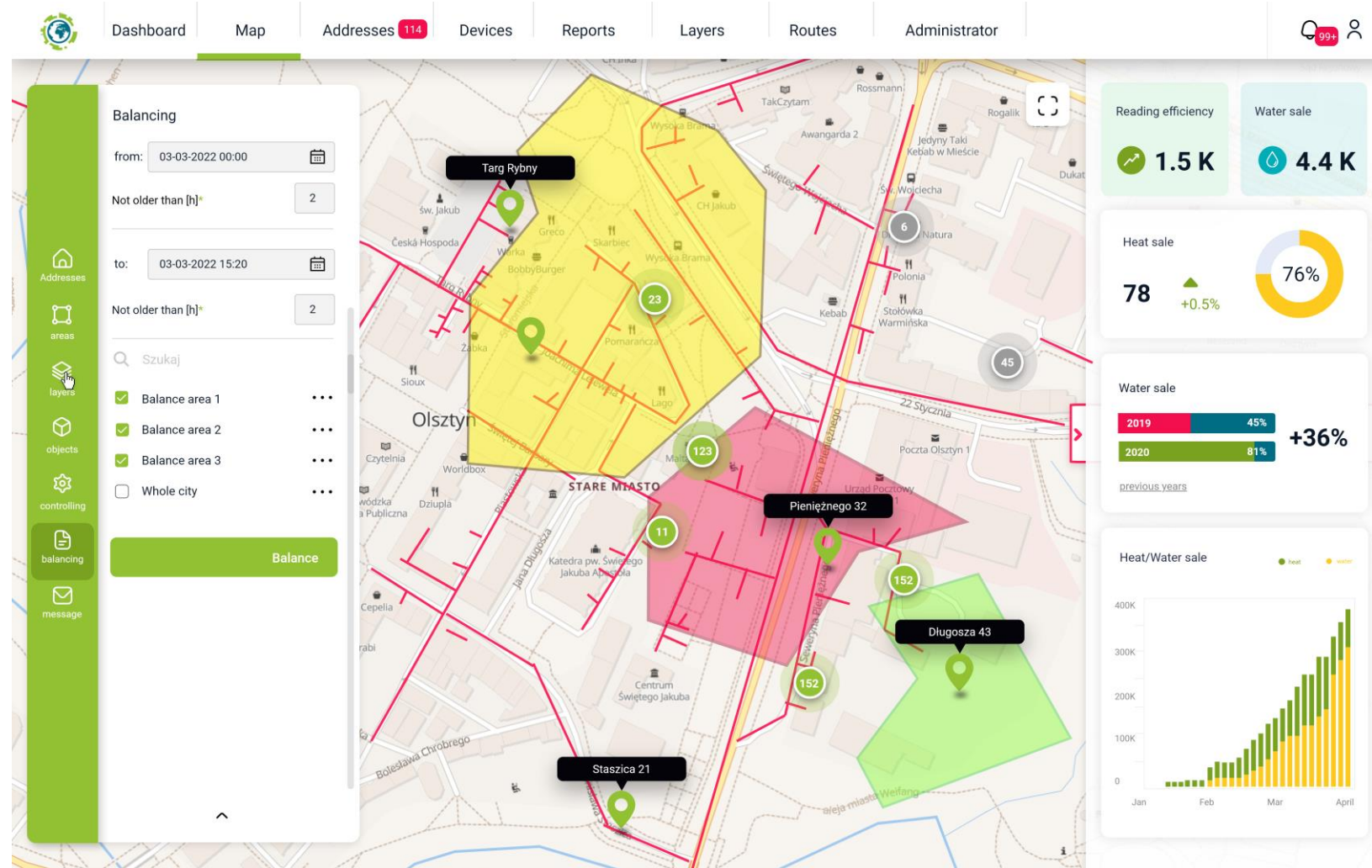
GlobeOMS

- Addresses - easy overview of object status
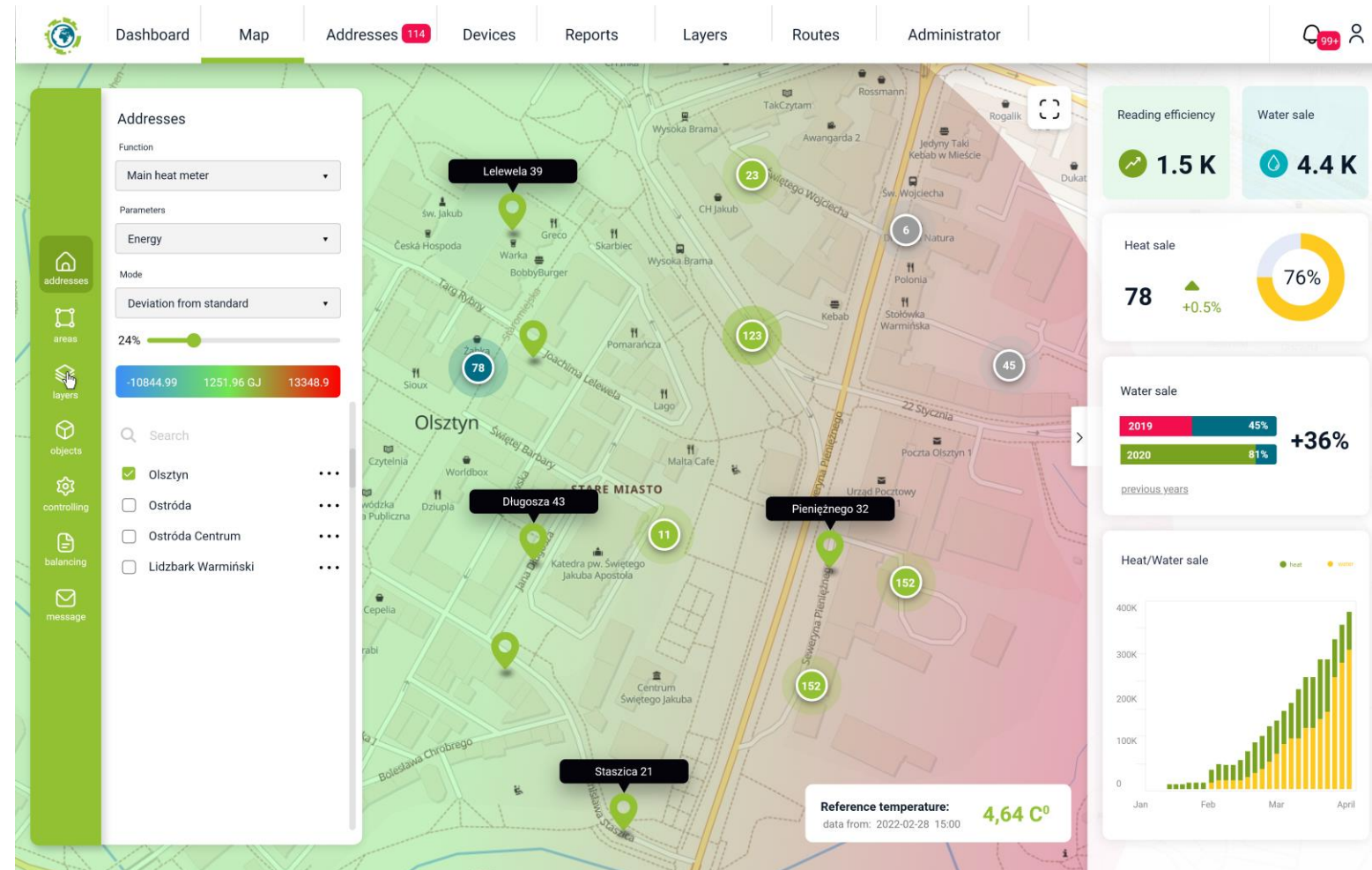
- Automatic grouping

Geodetic layers – presentation on map

- Custom objects

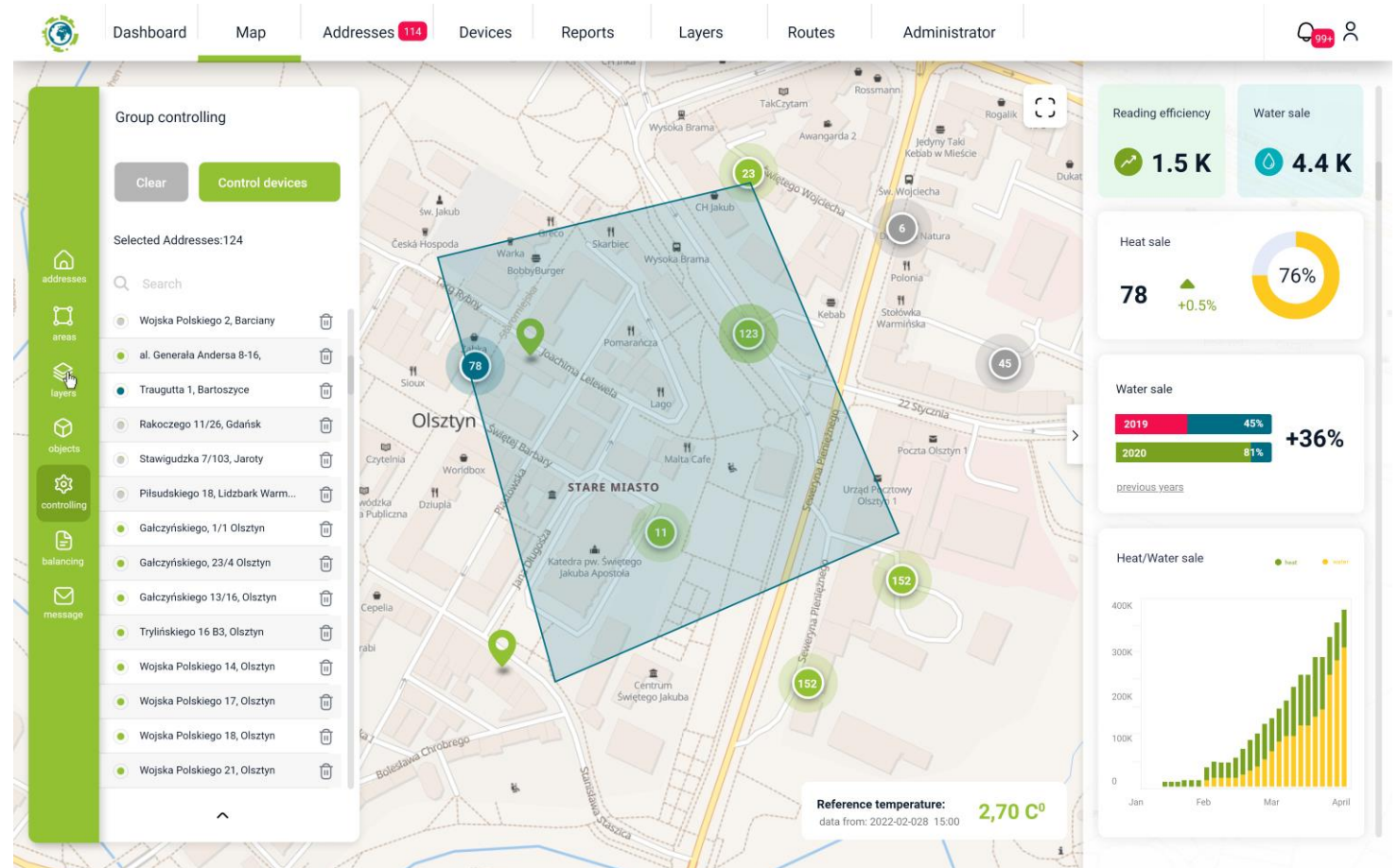- Networks, buildings, plots

- Object data

Areas – parameters heat map

- Visualisation of the distribution of any parameter
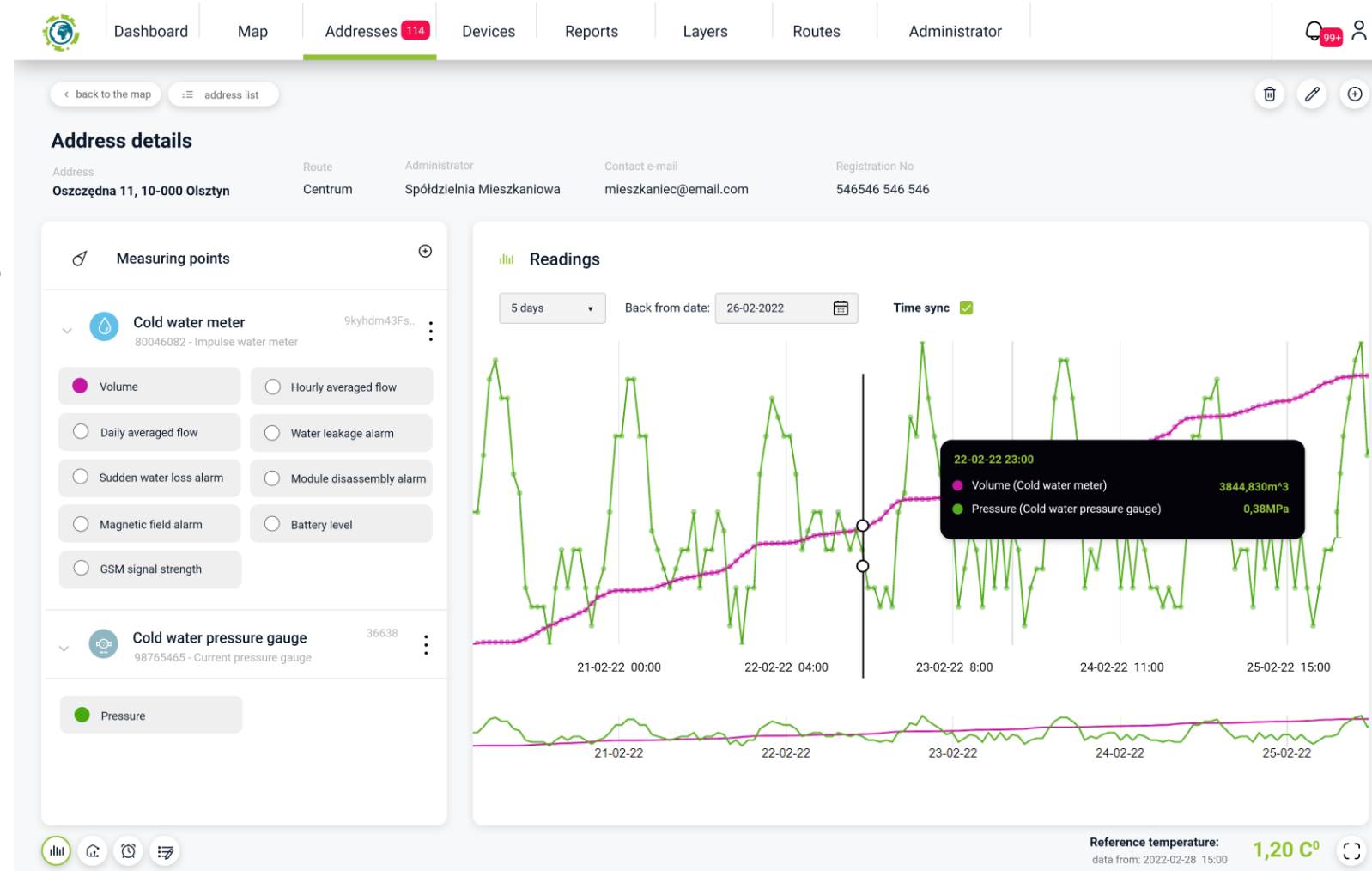
- Visualisation of deviations from norm

Group control

- Choice of devices from the map
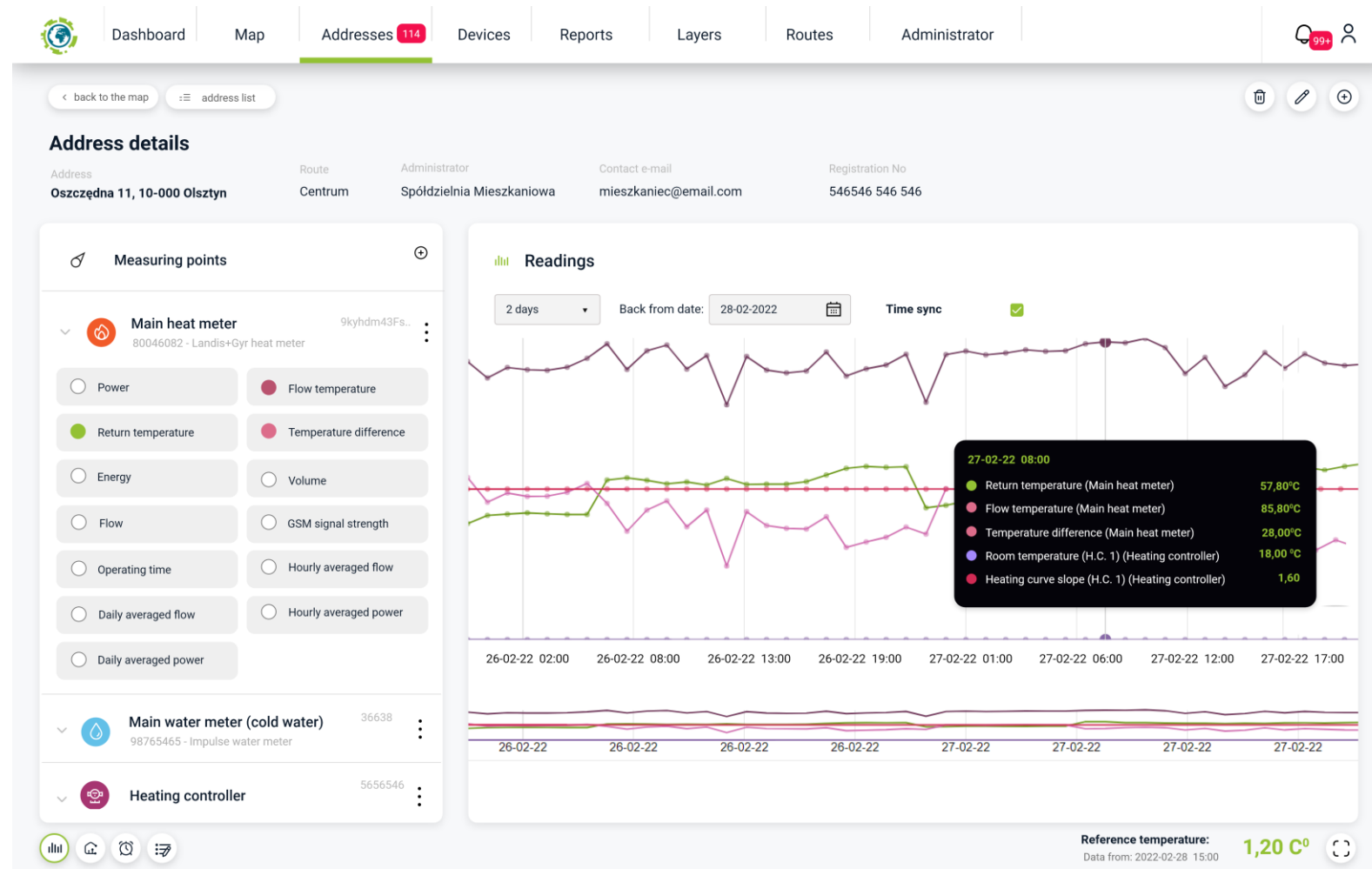
- Common parameters of different manufacturers

Supported device models

- Heat meters
- Electricity meters
- Heat allocation meters
- Weather regulators
- Smart-home devices
- Pumping stations and industrial facilities
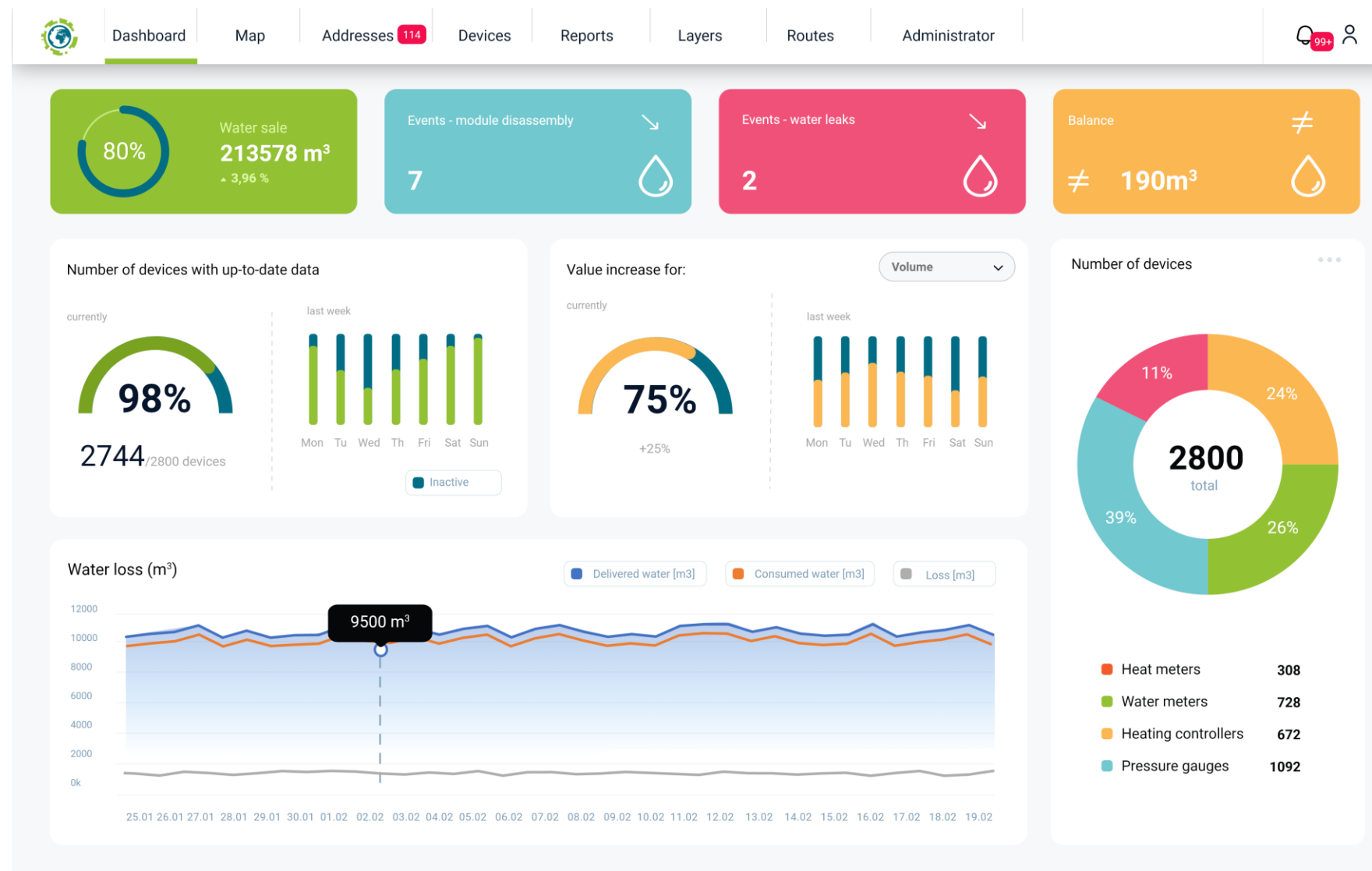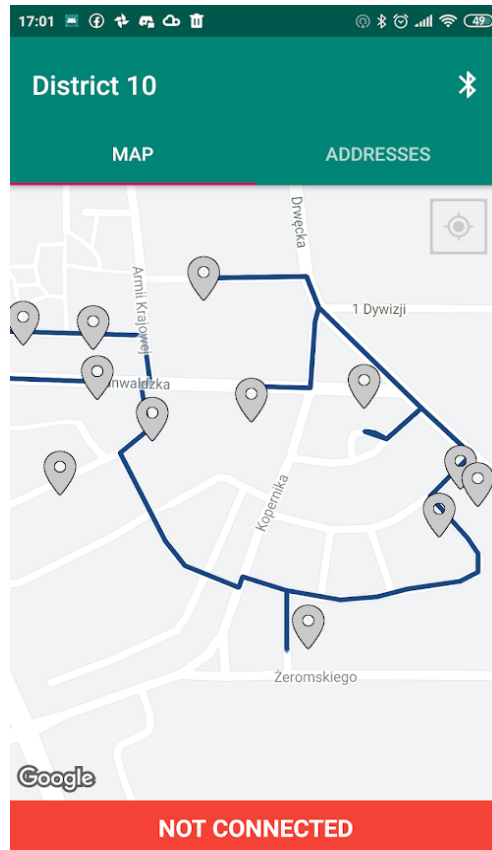- And others

Readings synchronization

- Data presentation at a common time
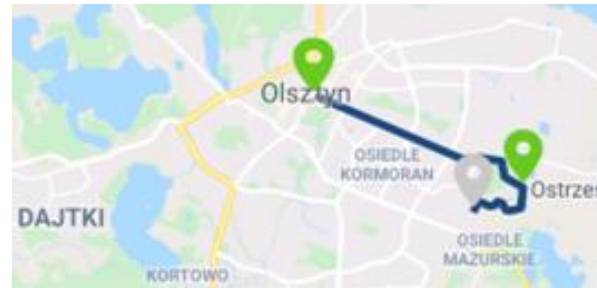
- Formulas - virtual parameters with your own logic

Data presentation

GlobeOMS Routify

Route optimisation

Visualisation on the map

Readings, alerts

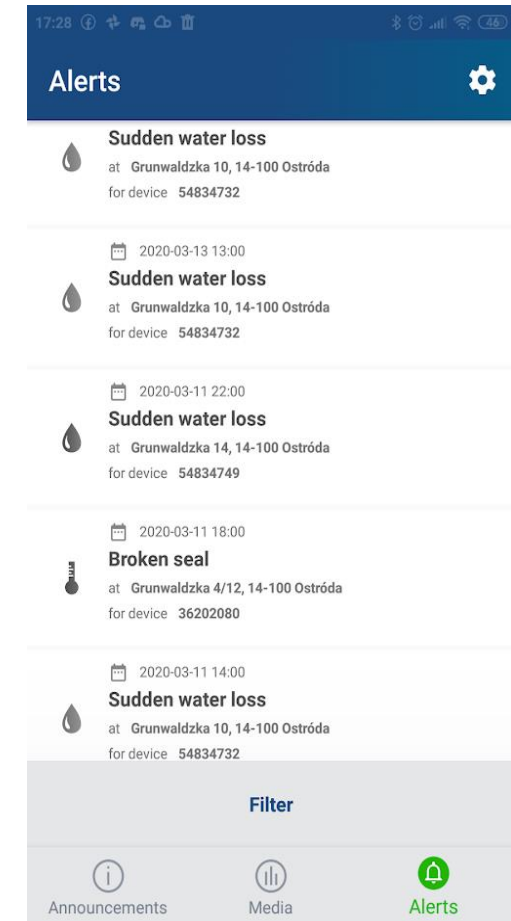Routes, addresses, devices
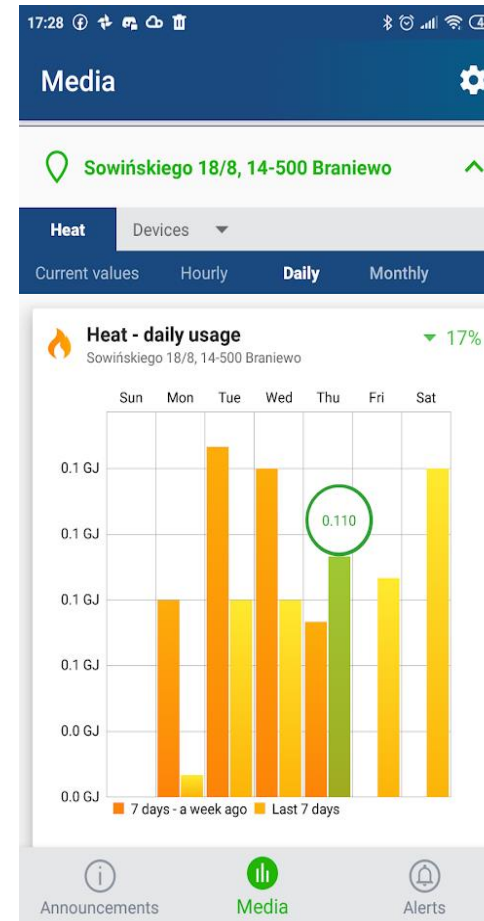
GlobeOMS Mobile

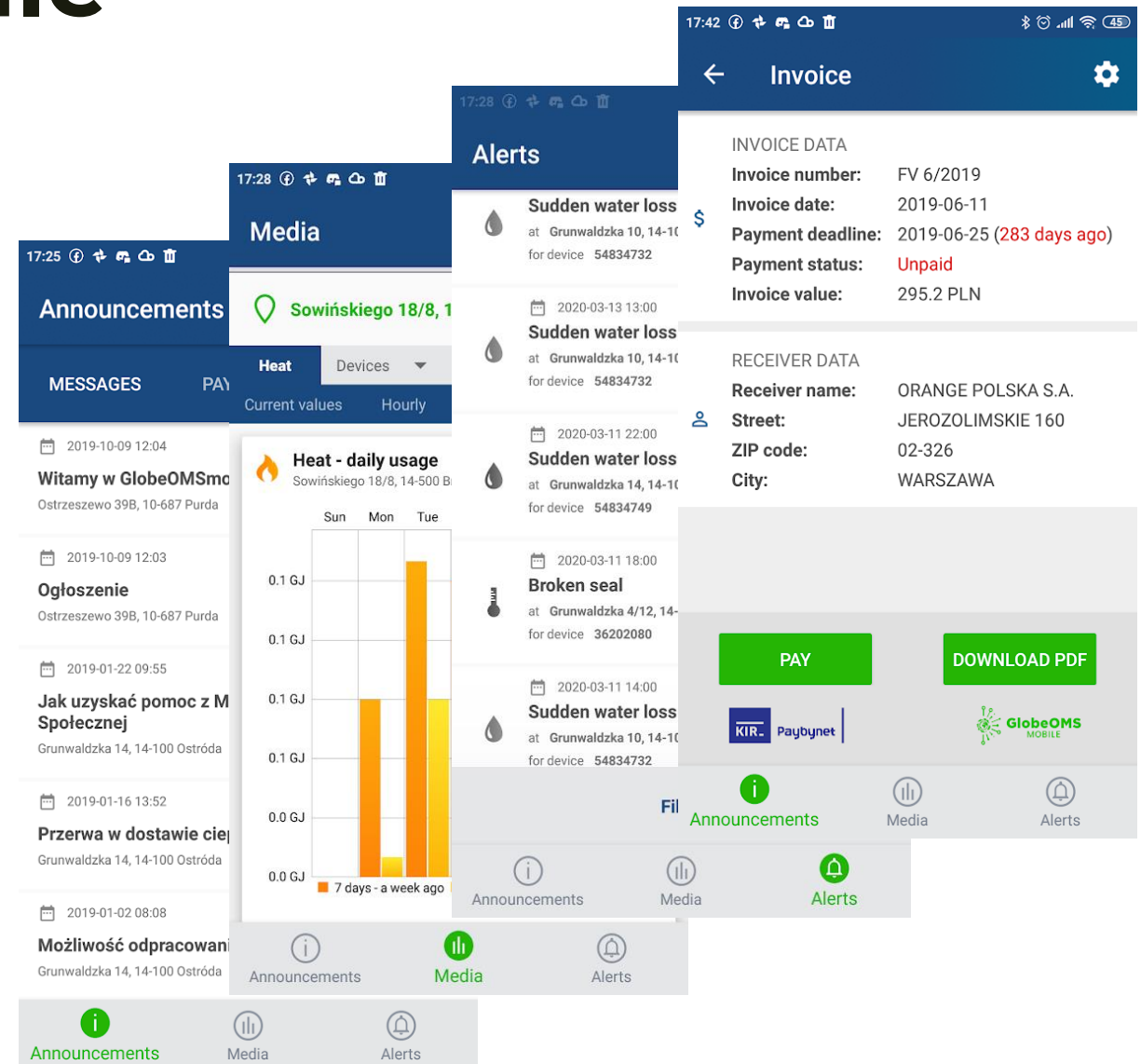- Mobile applications
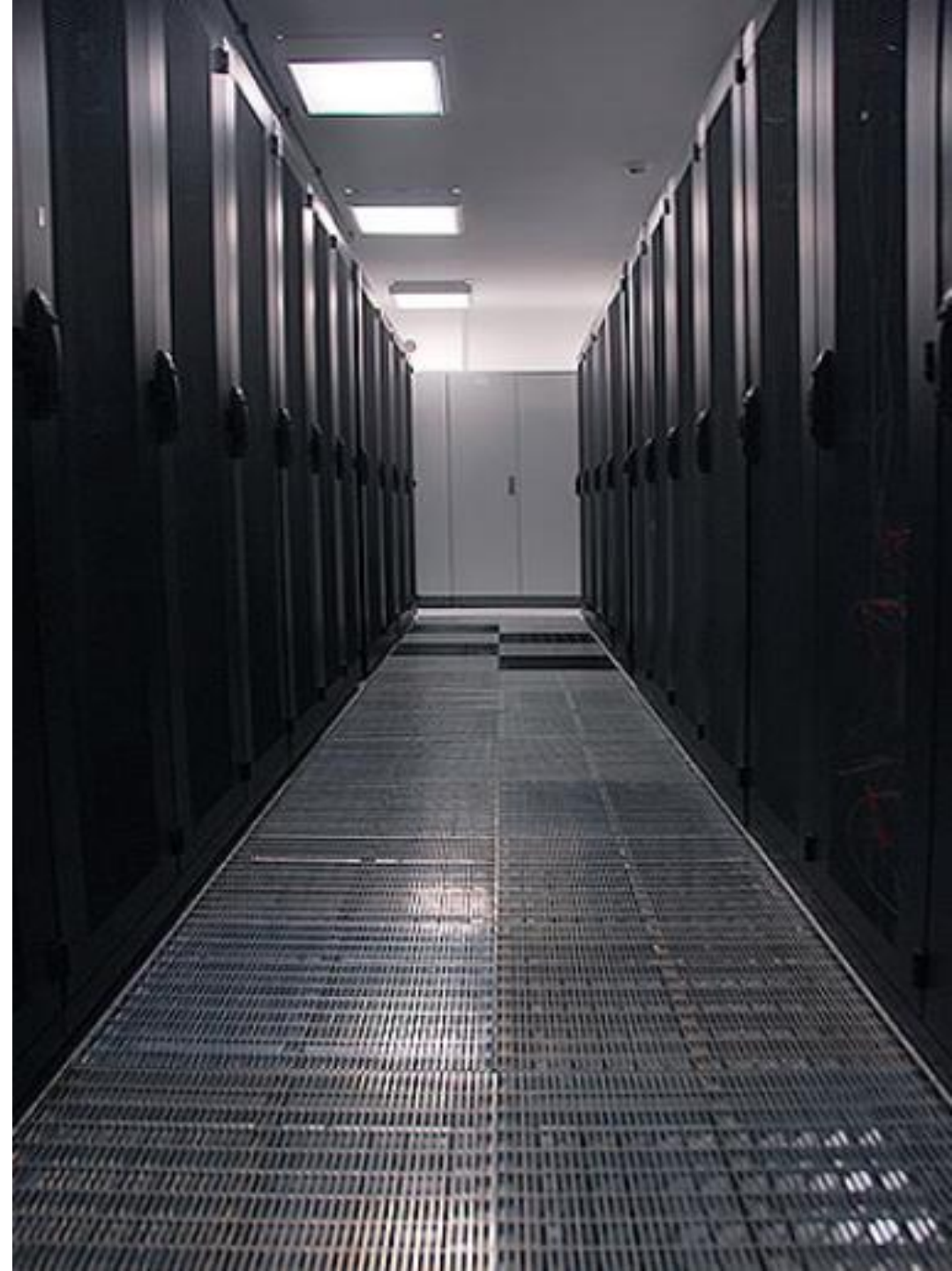 for end users

Android   iOS

GlobeOMS Mobile

- Announcements

- Media consumption
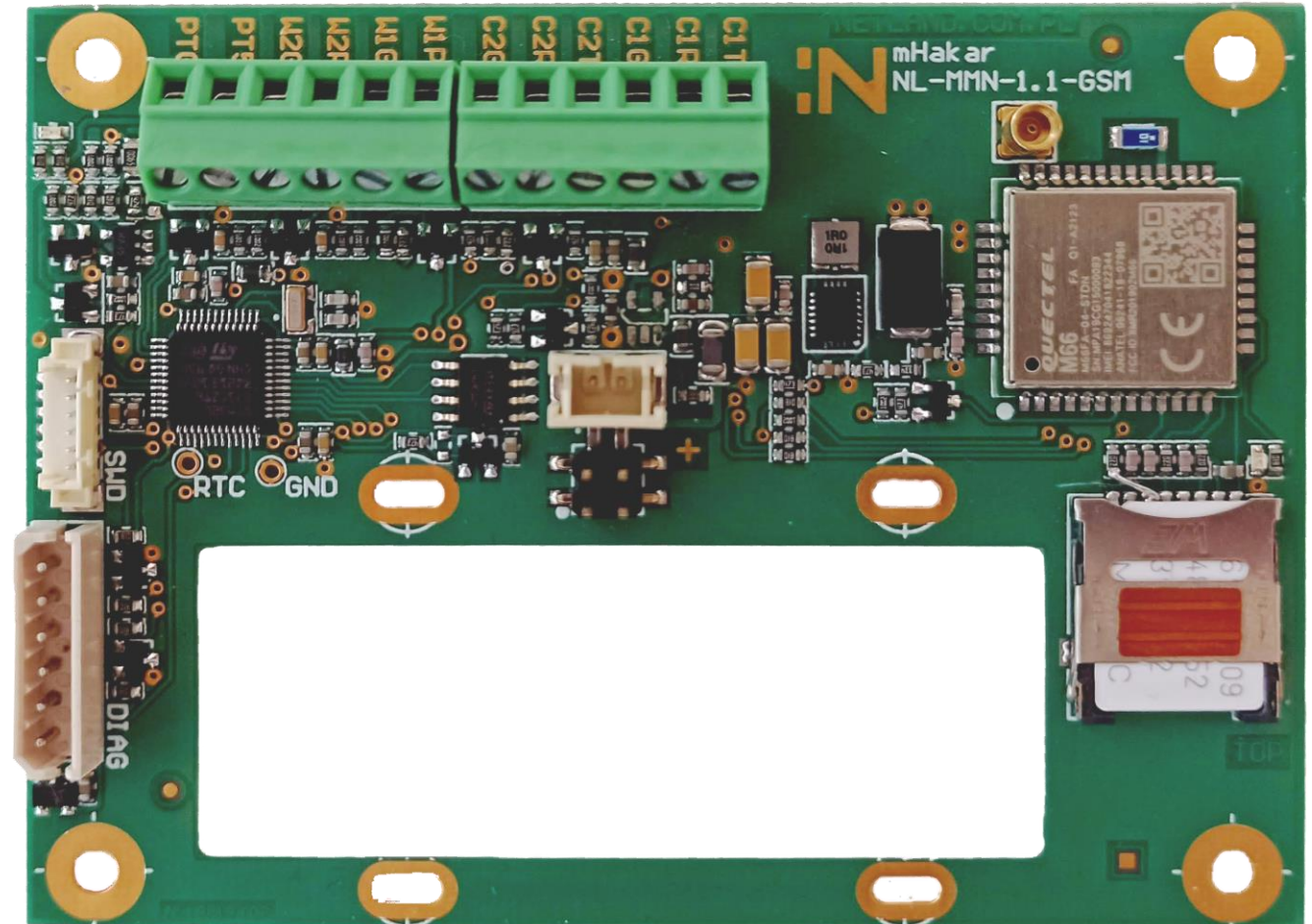
- Alerts

- Invoices, online payments

Security

- Professional Data Center
- PN-EN ISO 27001
- PN-EN ISO 27018
- Secure software development process

Telemetry devices – Hakar MMN

- Battery life: up to **10 years**

- Daily readings via **GSM**

- Data buffer

- Remote access

- Compatible with:

  - heat meters,

  - pulse water meters,

  - analogue sensors,

  - RS485

Telemetry devices – Hakar PLS

- Powered by 230V AC Data buffer
- Live readings (optional NBIoT, Cat.M1, Ethernet, wM-Bus, LoRa, Sigfox)
- Always connected (bidirectional communication)
- Data buffer
- Compatible with many devices and protocols