THINGSLOG
The Smart Monitoring Solution for WATER, GAS and ELECTRICITY Consumption
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Remote Consumption Monitoring of:

Water

We offer a unified solution for water consumption monitoring, leak detection and more…

Gas

We offer a solution for gas consumption monitoring, notifications and more…

Electricity

We allow you to monitor your electricity bill, be notified on unusual consumption and more…

Pressure

We offer a unified solution for pressure metering.

How it Works

1 Installation

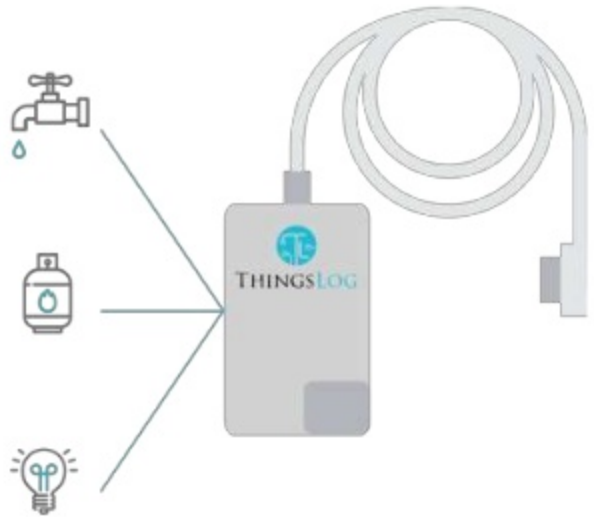
Our consumption metering devices are at- tached to the existing water, gas, or elec- tricity meters. They run on batteries and last from 5 to 10 years.

2 Collect Consumption Data

Data is sent via GSM, NB-IoT, or LoRaWAN to our analytics platform.

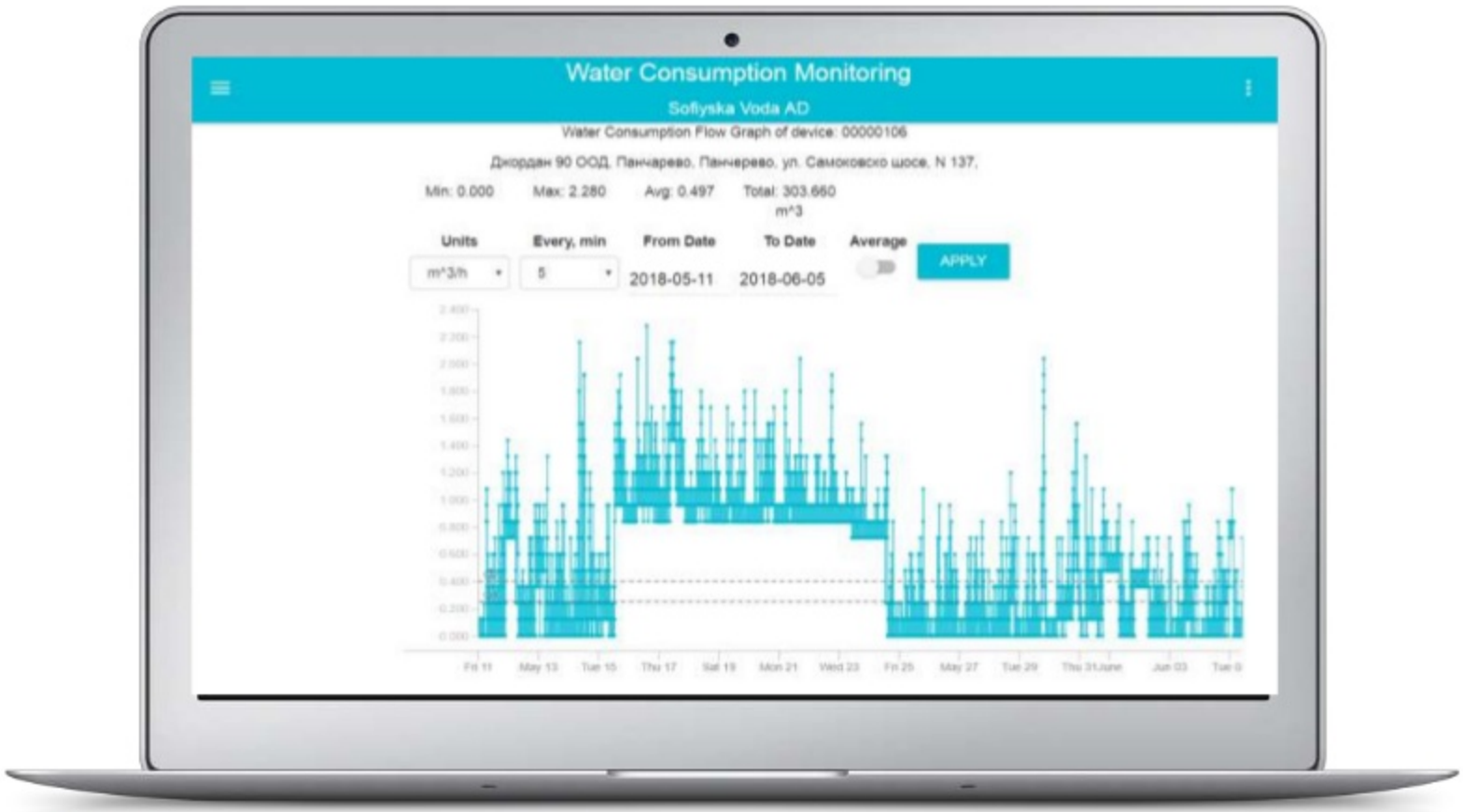
3 Review Consumption Data

We provide you with a smarter way to re- view and assess your consumption data, identify problems or optimization oppor- tunities, and take timely action. We want to help you run your business efficiently.



Singe data logger is able to monitor simultaneously water, gas and electricity.

Monitoring consumption platform



Benefits

- ✓ Monthly consumption monitoring
- ✓ Cost savings on your monthly bill
- ✓ High consumption detection
- ✓ Timely leak detection
- ✓ Fraud prevention
- ✓ Detection of wrongly sized meters
- ✓ Detection of malfunctioned metering devices
- ✓ Metering of locations with difficult access

Industries and Domains We Support

Utility Companies

Gather frequent data reporting which creates a good base for data analysis.

Read more ›

Large Manufacturing

Boost your business by saving from electricity / water and gas bills.

Read more ›

Hotels & Restaurants

Real-time detection of any leakages within your hotel / restaurant.

Read more ›

Public Sector

Detect problems real-time, act on time and save thousands of dollars.

Read more ›

Property Managers & Landlords

Detect problems and leakages real-time, fix the problem immediately.

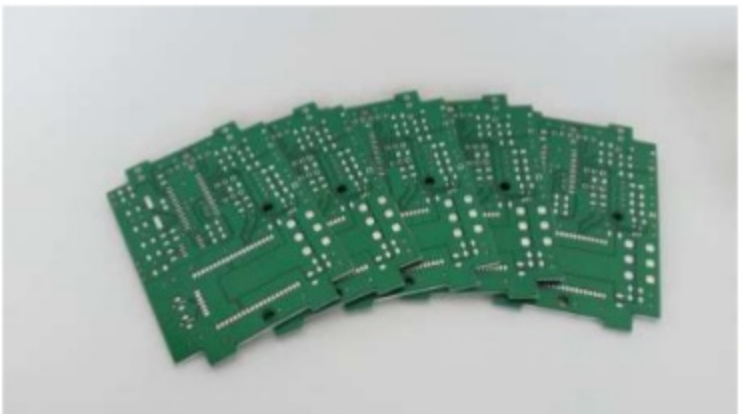
Read more ›

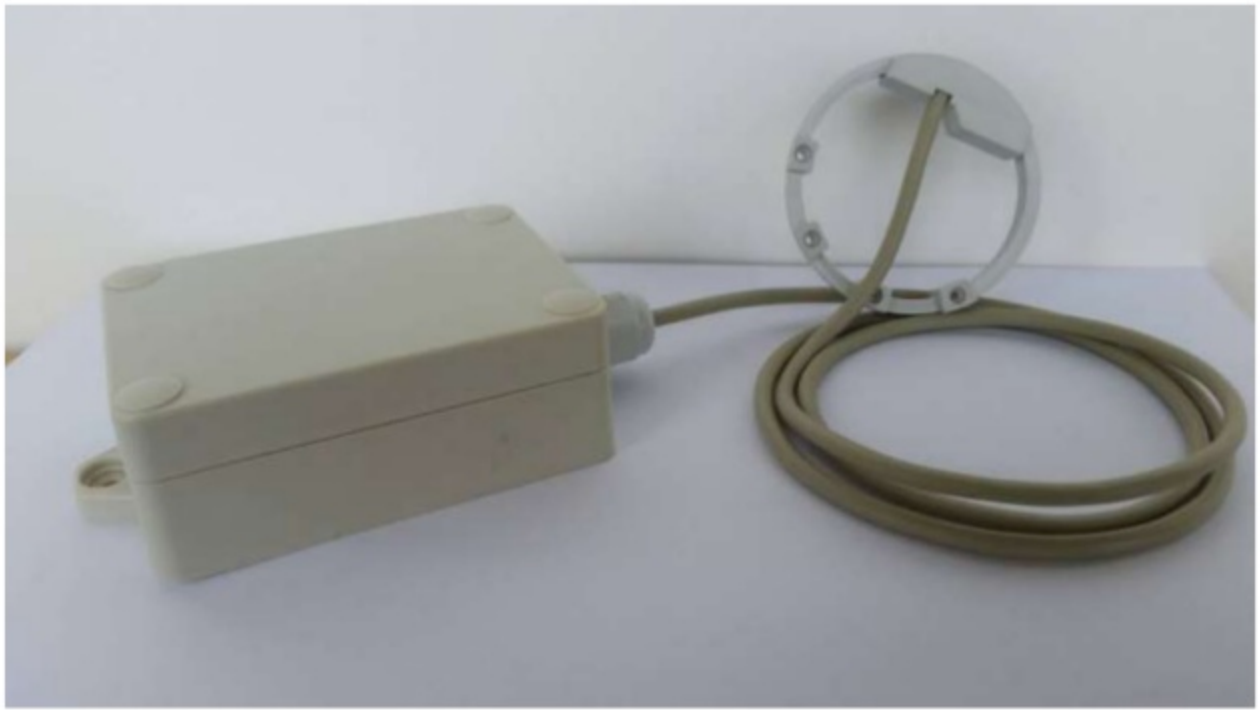
Telecom Operators

Enable better flexibility as well as more sustainable business model.

Read more ›

Low power mobile data logger?





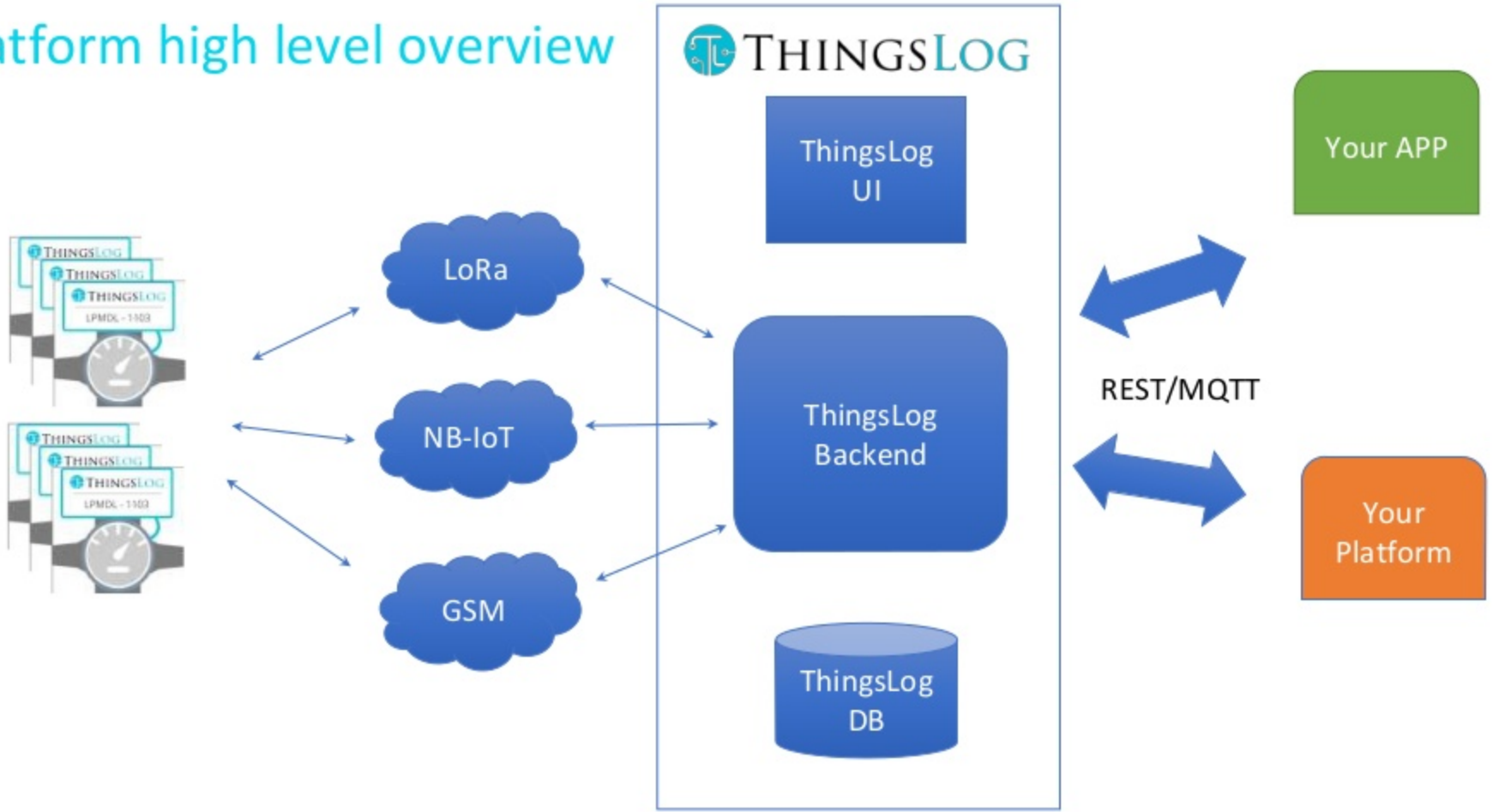
Our loggers

- ✓ **GSM / GPRS data logger**
  - ✓ Able to monitor simultaneously pulse meters and analog sensors
    - ✓ 2 analog input ports 4..20 mA
    - ✓ 2 pulse metering inputs
    - ✓ 2 spare inputs (ON/OFF or a third pulse/analog input port)
  - ✓ Data transmission over the most widely distributed network – 2G/GSM/GPRS
  - ✓ 5 years + battery life
  - ✓ Replaceable battery
  - ✓ With or without EEPROM
  - ✓ Reconfiguration over the air
  - ✓ Integrated alarm channel
  - ✓ 12 bit ADC, 0.5 % accuracy with low power current measurement
  - ✓ 6000 transmissions over the air
  - ✓ Each transmission could be daily counters from per minute metering

- ✓ **NB-IoT data logger**
  - ✓ Same functionally as the GSM data logger
  - ✓ Longer battery life (10000+ transmissions over the air)

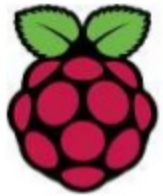
- ✓ **LoRa/LoRaWAN data logger**
  - ✓ 2 input ports (either one pulse and one analog, two pulse or two analog)
  - ✓ Longer battery life (10000+ transmissions over the air)
  - ✓ Not suitable for minute metering

Platform high level overview



ThingsLog low level overview

Development Process



Raspberry Pi

- End to end continuous Integration
  - from cloud
  - through the ThingsLog platform
  - to the embedded data loggers

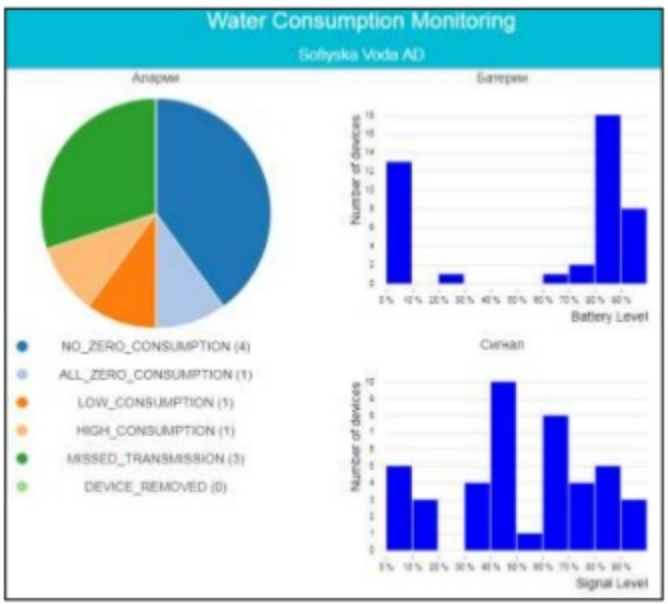
Jenkins

UI outlook

Consumption profile

Dashboard

Alarms/Signal levels/Batteries

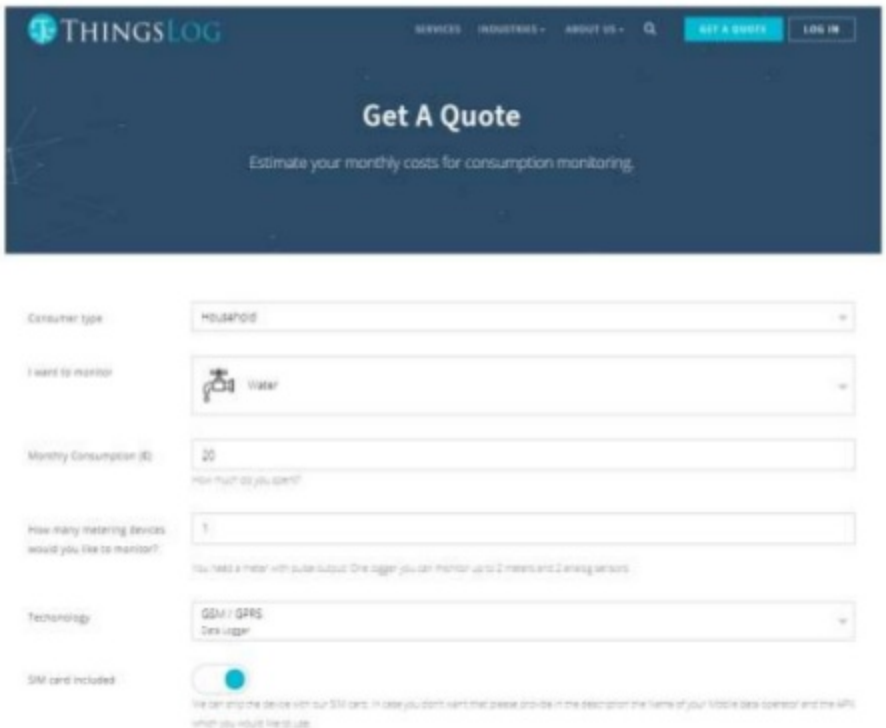


THINGSLOG

ThingsLog Service
Availability & Adoption

How to order Thingslog for your home or business

- Fill our request form in Thingslog.com
- Request from your Telecom operator
- Request from your Utility provider
- Request from your maintenance utility company



Where we have demo, trial and production setups

- Biggest water utility company in Bulgaria
- Mid size natural gas provider
- One of Mobile Telecom provider in Bulgaria for end customer solution – water, gas and electricity
- Over 250 business and households in Sofia city region

Thingslog provide end-to-end solution for your home and business

All in one contract:

- ✓ Water meter, Gas meter and electricity meter
- ✓ Thingslog logger
- ✓ Sim card or LoRa modul
- ✓ Web platform to monitor your consumption
- ✓ Notification service in case of unusual consumption
- ✓ Installation and configuration

You do not need any additional contract or service provider.

Thingslog platform for Public, Utility, Telecom and Insurance companies

Thigslog provide all necessary modules to provide end-to-end solution to your end customers and business clients:

- ✓ Cloud Platform
- ✓ Smart loggers
- ✓ Notification service
- ✓ Backbone radio network
- ✓ White label platform
- ✓ Customization
- ✓ Billing platform

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