Energy-wise operation

WaterScope IoT shows you the hidden possibilities

waterscope

We are experts in the IoT

Markets now:

Direct sales: H

Distributors: RO, A, TR, PL, SK

Key suppliers:

Vodafone Global (Mobile Adat)

Deutche Telekom

DHI Hungary

MOM

Hawle Hungary

Atlas Scientific

Endrich

Siemens

We support the network: Unlocking Sustainability with IoT

Water loss

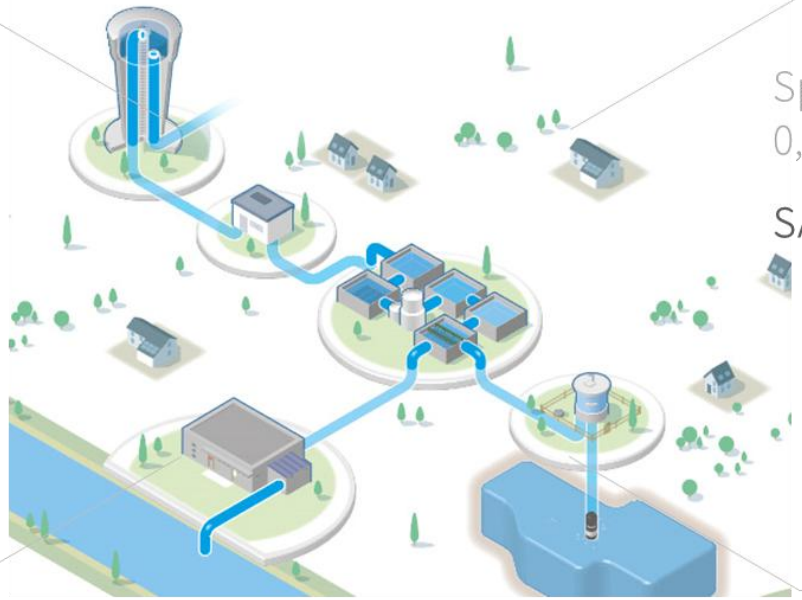
World Bank data: 20-35 % water loss

REDUCTION: 3-20%

Energy consumption

Specific energy consumption: 0,4-1,5kWh/m3

SAVINGS: 5-15%



Distribution network monitoring

High cost of pipe breaking

Quick reaction to network failures

SAVINGS: 5-25%

Operation optimization

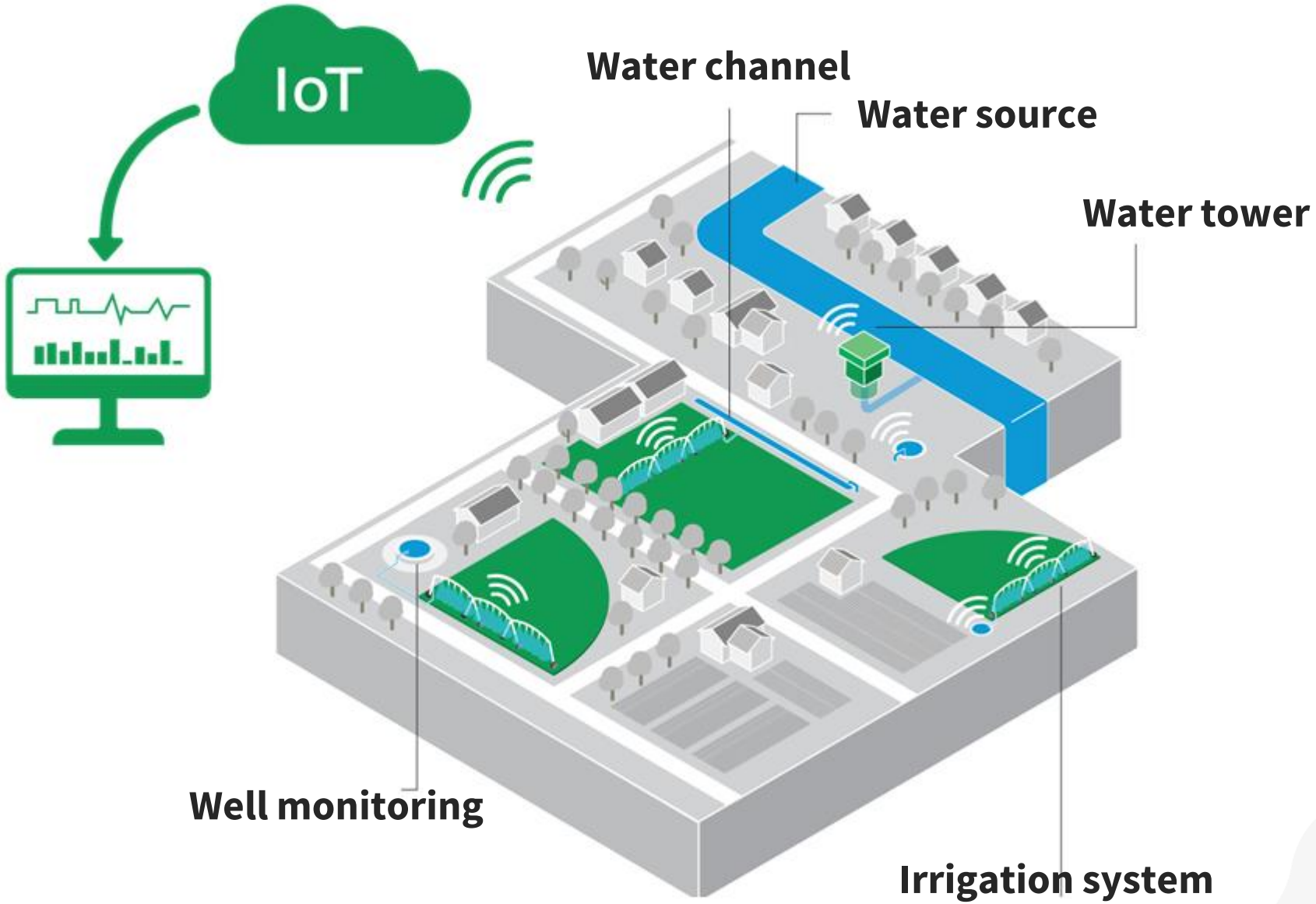
Lack of resources

High cost of maintenance

SAVINGS: 10-30 %

WaterScope IoT shows the hidden possibilities

This year is expected to be the driest summer in 150 years



We are pioneers in digitalization of waternetwork

Measurements

–

With our intelligent tools, consumption and pressure measurements can be taken and the data can be processed in a comprehensible way.

Responsibility

–

It is important that operational managers can make quick decisions.

Contacts

–

Our team has long-standing relationships with water network operators and wastewater utilities.

IoT innovation

–

Smart devices open up new horizons in operations, as we can measure where experts previously worked "blind".

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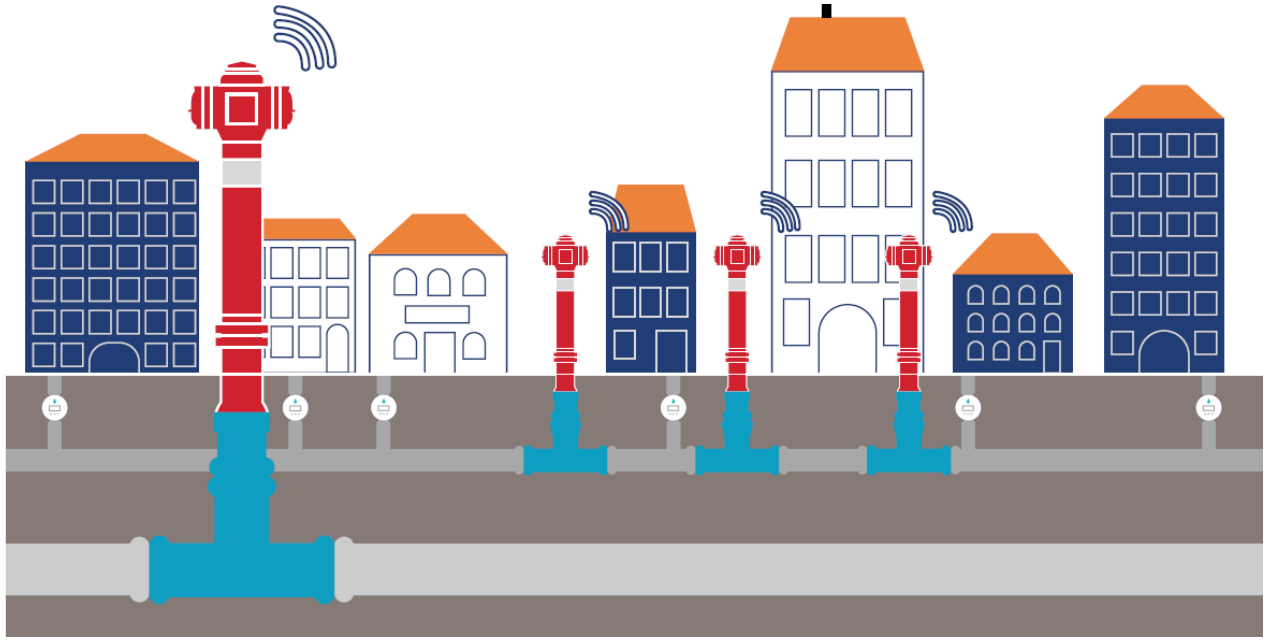
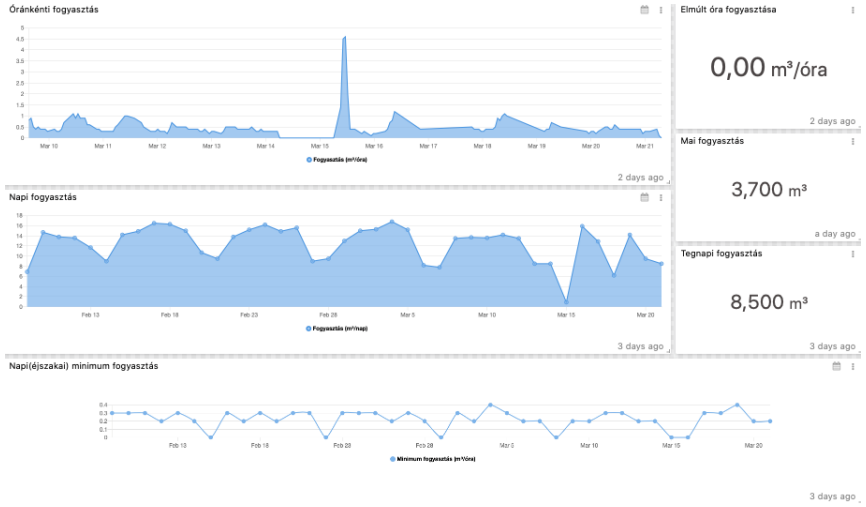
Our solutions

Standard solutions:

Pressure
Water flow
Liquid level
Temperature
Electrical current and voltage
Turbidity
pH
ORP (redox potential)
Conductivity



Monitoring solutions



Monitoring solution:

Network monitoring

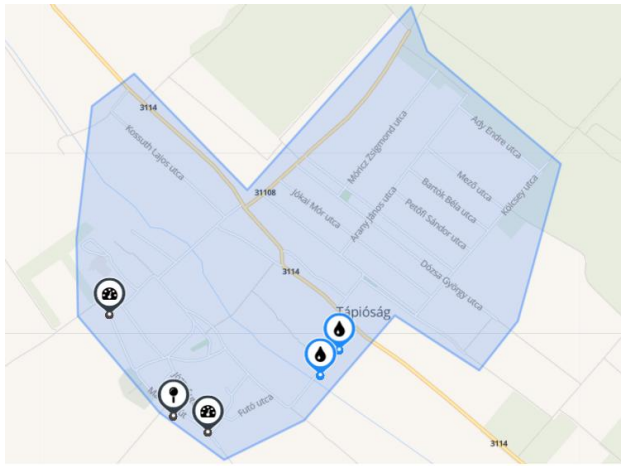
Non revenue reduction project

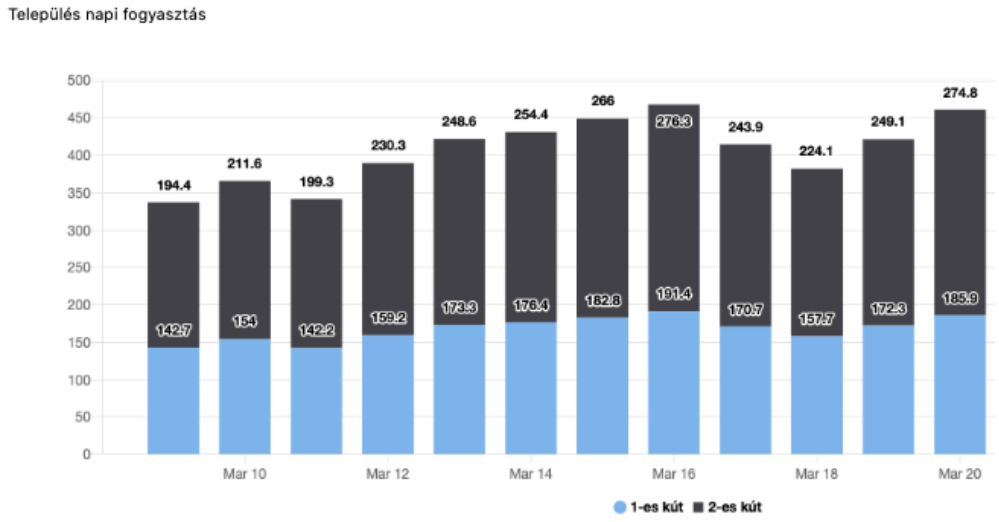
Water quantity monitoring

Well monitoring

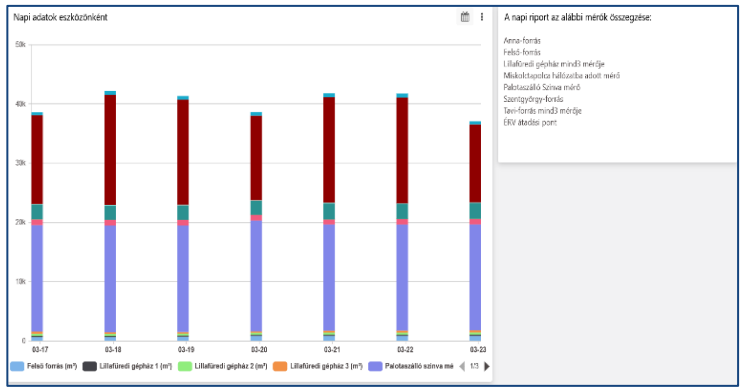
Water tower and reservoir monitoring

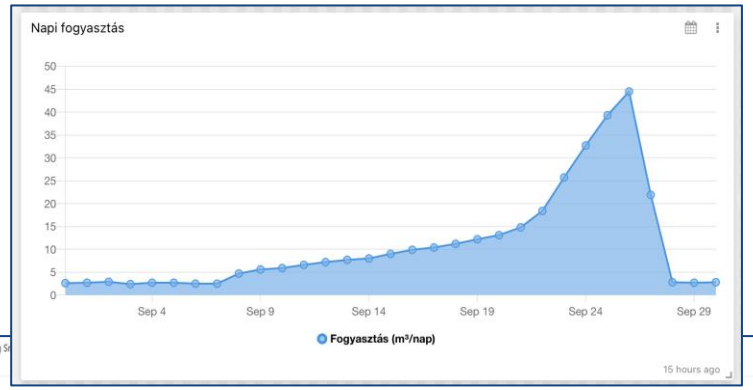
Current metering - General data logging current meter

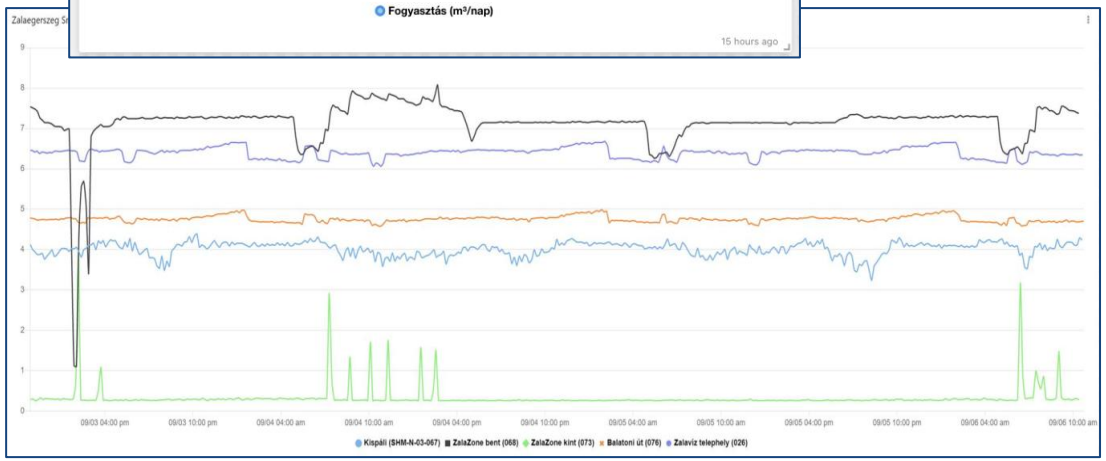




Non revenue water reduction

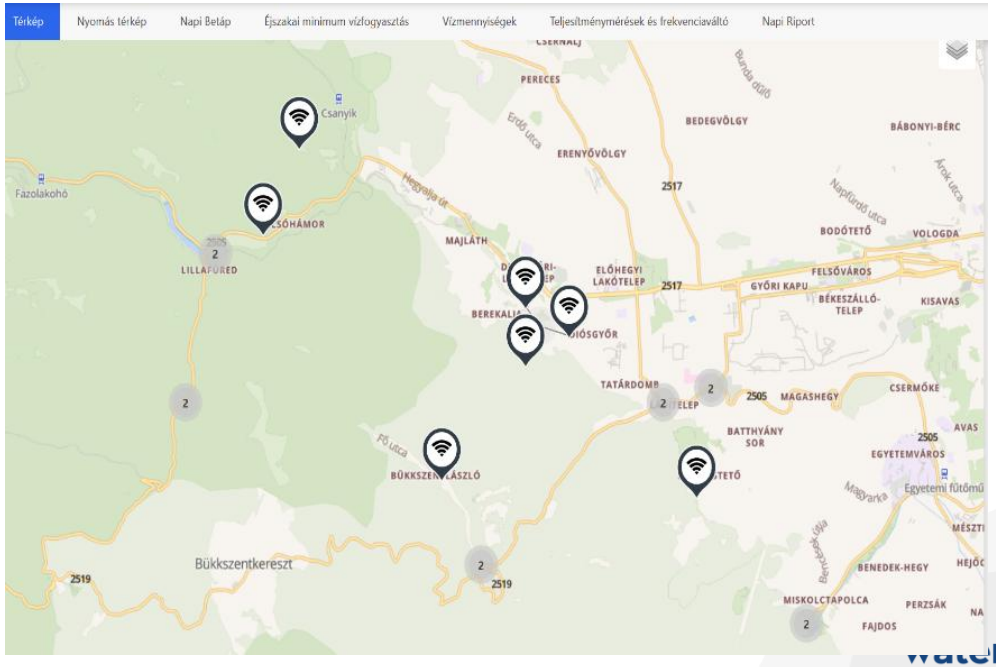




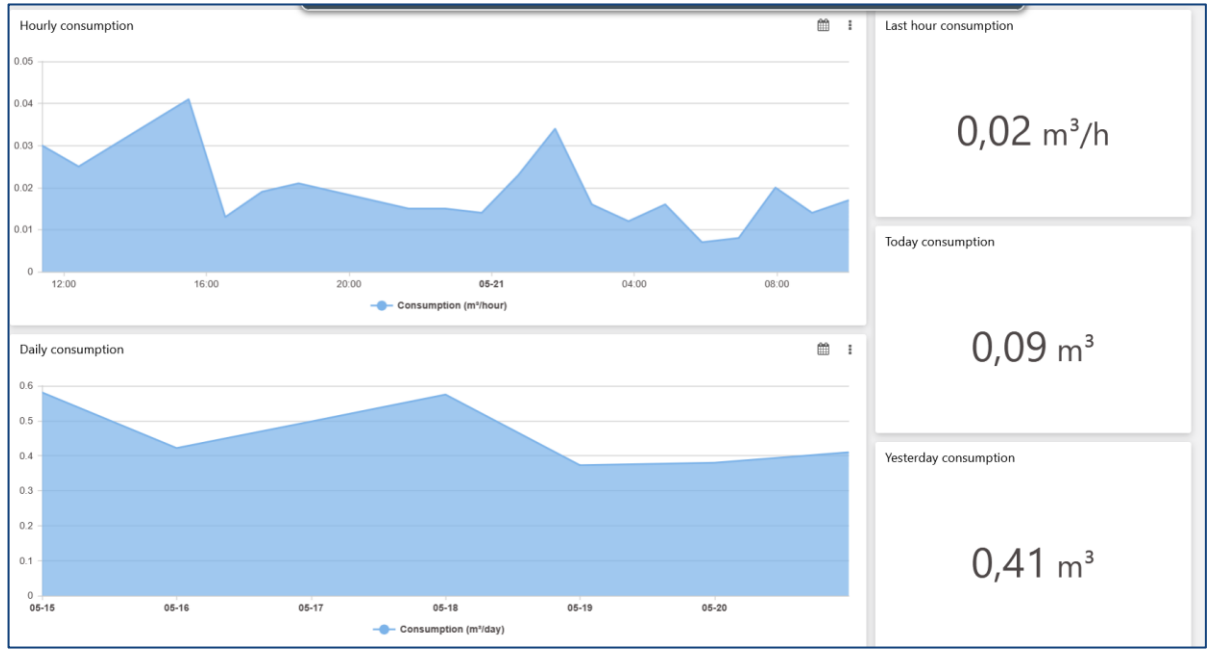


Current projects: 200 + 200 sites

Pressure measurement and retrofit metering solutions services, which may generate additional revenue for the water utility as a service provided to an external party



Measuring at large customers



Current projects: 500 sites

Monitoring of handover points and handover meters

Monitoring of meters and pressure values for industrial customers

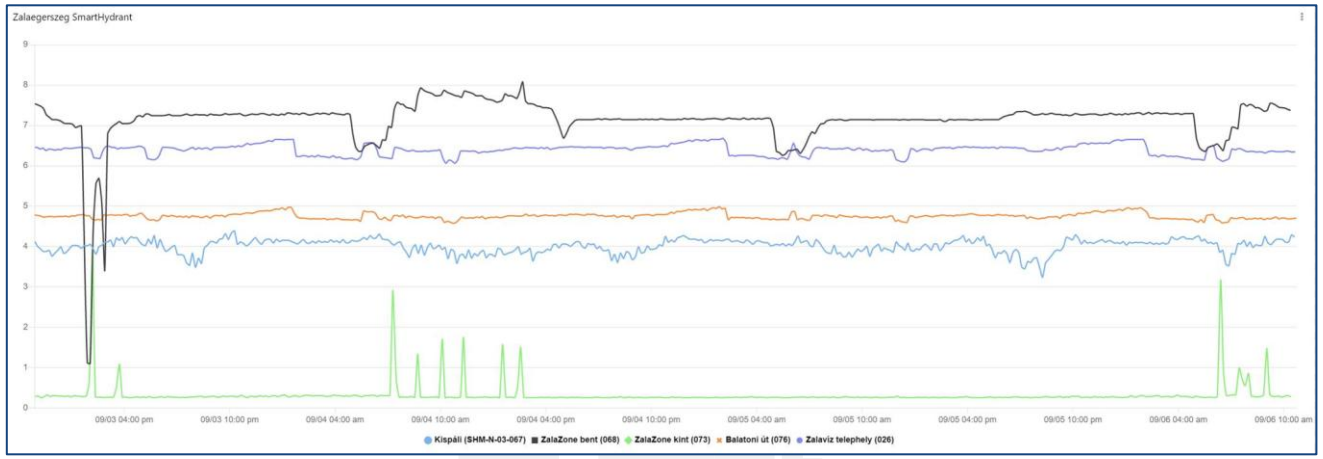
Checking minimum/maximum pressure values in residential areas

Recording of measurement data

Traditional data logger functions with wireless server connection

Relationship between pressure changes and consumption values

Network pressure monitoring



Project:

Zalavíz Waterworks and Zalazone - 10 fire hydrants and 10 pressure monitoring devices

Technology: NB IoT

Inhabitants: 55 500 people

Installed devices: 20 pieces

Spanning from waterworks to telecommunication

We are also looking for a second round or exit, because that is what we need to grow

Our portfolio

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