

# Advanced Acoustic Solutions for Water Conservation & Non-Revenue Water (NRW)

Reduce NRW rates and proactively prevent water infrastructure issues with the industry's most innovative water network monitoring platform.



## Monitor. Locate. Prioritize.

- Ultra-accurate leak detection and location for all pipe materials/diameters
- Best-in-Class acoustic correlating sensors, cloud-based software, AI & Big-Data analysis
- Sensors available for above ground or below ground installation
- All-in-one mobile kit for listening & surveying

## The smart way to boost your water network resilience



AQSense-Edge

### Fixed Leak Detection (AQS-SYS)

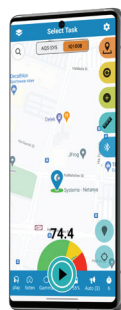
Catch leaks early on distribution and transmission lines with automated continuous water pipe monitoring.

- Cat-M/NB-IoT correlating sensors and cloud-based software
- Accurate GIS presentation of leaks to a 9.8 ft. location
- Actionable insights to improve network performance and asset management.



### Pipe Condition Assessment (PCA)

Pipe replacement based on needs: Use our decision-support tool to analyze historical trends, present leaks and repairs along with leak development. Pipes in poor condition are marked in red for renewal.



### iQuarius™ Mobile Leak Detection via Smartphone

Quick, easy, and efficient way to survey large areas, listen to the pipe, record acoustic samples and locate leaks.

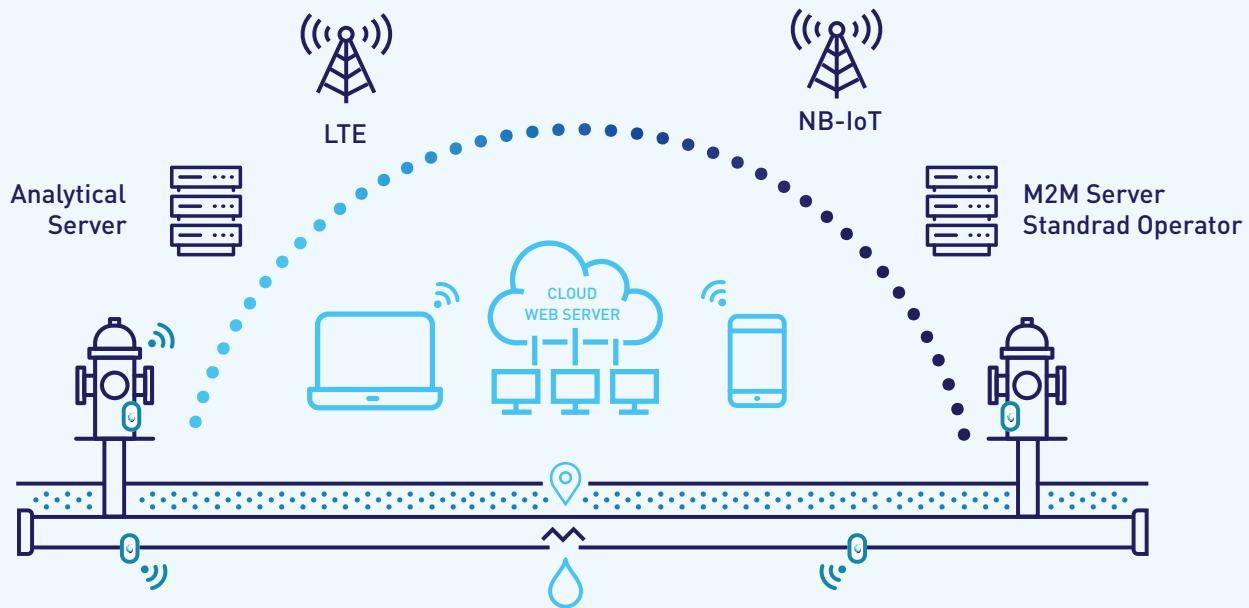
- Sample 100s of data points per shift.
- Automatic GIS presentation of points of interest (POIs).
- Uploads and saves all information to the cloud.
- See the mobile samples alongside the fixed system in the UI
- Android and IOS support

### First-class service, including technical, operational support and data analysis

Get an incredible user-friendly UI/UX combined with “person-in-the-loop” service.



## Get ongoing data of your pipelines and prevent pipe bursts by proactive continuous monitoring



Sensors are installed along the pipeline on fire hydrants & valves and take samples each night. The data is sent via cellular networks to the AQS server that analyzes the data and performs correlation between every couple of sensors.



# The smart way to boost your water network resilience

## Partners for your digital water future

Aquarius Spectrum is a leading provider of advanced acoustic water leak detection and pipe condition assessment solutions. By harnessing AI, big data and advanced acoustic sensors, we transform the resilience of water networks and contribute to water conservation.

Our best-in-class leak monitoring platform helps water utilities in five continents, reduce Non-Revenue Water (NRW), prevent pipe bursts, and optimize maintenance and operational costs. Using the smallest number of sensors required for 1 mile of pipe, we enable full coverage of the municipal water network, saving customers millions of dollars in pipe maintenance and replacement investments.



Digital water transformation



Sustainable Water Supply



Resilient Water Networks

## Trusted by Global Leading Water Utilities



Learn how Aquarius Spectrum can start saving you water and costs today.



1 HaMahshev St., Netanya 4250711, Israel PO Box 8814  
Tel: +972.74.7136644 | Email: [info@aq-s-systems.com](mailto:info@aq-s-systems.com)  
[www.aqs-systems.com](http://www.aqs-systems.com)

