

Press Release

Aquarius Spectrum Launches iQuarius™ on FATHOM Store

iQuarius™ now available in the first online marketplace for the water industry

Netanya, Israel– June 20, 2016 — Aquarius Spectrum Ltd., a leading provider of cloud technology solutions for monitoring municipal water distribution networks and leak detection, today announced a new partnership with [FATHOM Water Management, Inc.](#) ("FATHOM"). Aquarius Spectrum will offer its iQuarius™ solution through the FATHOM Store, an online marketplace designed to enable simple, fast and risk-free adoption of new technologies for water utilities.

iQuarius™ is a groundbreaking mobile system for water pipe leak detection. It combines an Android app with an acoustic widget, a sensor which creates a powerful system that can perform the following:

1. **Pipe listening** – Allows listening and recording very low frequency sound vibrations. It also provides a graphical presentation of these frequencies.
2. **Acoustic Survey** – A GIS based acoustic logging that measure the vibration intensity in water pipes. The noise is recorded and automatically sent to the server for further analysis.
3. **Acoustic Correlation** – iQuarius™ offers a unique feature which enable to perform correlation between two mobile sensors. Allowing to pinpoint the exact location of a leak.

iQuarius™ is ideal for leak detection service teams that can use it for both leaks surveys and pinpointing. A user-friendly approach enables ease of operation. Results can be analyzed on the iQuarius™ web application. The iQuarius™ app is available on Google Play.

Mr. Oded Fruchtmann, CEO of Aquarius Spectrum: "Aquarius Spectrum develops innovative solutions to fit the water market needs while adjusting to technological developments worldwide. iQuarius™ is the first product of its kind in the world, with functionality that has never seen before in leak detection equipment. iQuarius™ serves both as a complement tool to the company's AQS-SYS fixed monitoring solution and as an independent tool that allows performing easy water leak surveys, correlation and pinpoint. We are delighted with the opportunity to collaborate with FATHOM and believe that the experience and reputation of FATHOM will enable us to expand our customer's circuit."

Mr. Fruchtmann added, "The proven success of AQS-SYS, which is deployed in several cities in Israel and monitors more than 1,000 miles of water-pipes every day, translates to more than 70 million cubic feet. of water saved in 18 months thanks to early alerts of underground water leaks and other failures that were treated and modified as appropriate."

The FATHOM Store is a simple, secure data integration platform that connects water utilities with technologies that help streamline business processes, recover revenue and better engage with customers. FATHOM's expert team thoroughly vets each product submitted for consideration to the Store and selects only the top-performing tools like iQuarius™ for inclusion. Through open application program interfaces (APIs), technology companies can exchange data with FATHOM, as well as utilities, to deliver maximum value.

“Nationwide, more than 56,000 water systems are searching for technologies that can help them make the most efficient use of ever-dwindling resources. Unfortunately, finding, vetting and integrating new technologies demands a level of investment most cannot afford to make – until now,” said Trevor Hill, CEO of FATHOM. “Through the FATHOM Store, we are connecting technology innovators, like Aquarius Spectrum, directly to the utilities that need their support most. By mitigating the time and financial commitment required to modernize water utilities’ processes, we are propelling the Smart Grid for Water into reality.”

The FATHOM Store is available at <https://store.gwfathom.com>.

About Aquarius-Spectrum

Aquarius Spectrum specializes in cloud computing solutions for the monitoring of municipal water distribution networks and the detection of underground leaks from the earliest stages of their development (1.5mm (1/16") holes). Leaks of this size generally cannot be identified by other technologies on the market.

Aquarius-Spectrum's solutions include two product lines based on acoustic sensors and unique software. The first, AQS-SYS, is a fixed solution for daily pipe monitoring and second, iQuarius™, is a lightweight mobile system for leak surveying and pinpointing that connects to a smartphone. The portable acoustic sensors operate via cellular communication and have a built-in GPS system. This gives millisecond-synchronization of readings across multiple sensors and this in turn allows leak detection by correlation between sensors for every sample taken. Synchronous correlation performed in this way ensures high reliability and accurate location of all leaks from 1.5mm upwards.

The AQS-SYS and the iQuarius™ systems are supported by a team of expert engineers who are in daily contact with the customer, providing analysis of findings obtained in the systems and recommendations for action.

Aquarius-Spectrum was established in 2009 as part of the Kinrot technology incubator and is currently a subsidiary of Hutchison Water, a division of CK Hutchison Holdings Limited. To learn more about the company and its offerings – please visit our website:

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About FATHOM

FATHOM is a software-as-a-service company helping water utilities do more with declining resources. With rapidly deployable, risk-free, cloud-based solutions that address all aspects of the meter-to-cash verticals for water utilities, FATHOM increases revenue, decreases costs and delights customers. FATHOM was built by a water utility, for water utilities and delivers a risk-free solution to more than 160 organizations around the world. There is strength in numbers. To learn more, visit www.gwfathom.com

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