



# Rezatec

Analyzing Earth Data



# GEOSPATIAL AI FOR WATER NETWORK OPERATORS

## OUR SOLUTION

Rezatec's Geospatial Artificial Intelligence (AI) solution for water network operators combines remote sensing and data science to identify the conditions under which network failures occur and to quantify the Likelihood of Failure across the network.

By identifying which sections of the network have a higher likelihood of failure, network operators can concentrate their ground survey teams and IoT sensors on those high-risk areas and optimise their repair and monitoring work therefore reducing cost and time to find leaks.

Additional geospatial datasets can also be incorporated into the analysis to further mitigate high consequence risks and to digitize general knowledge and understanding of the network.

## KEY BENEFITS

- + Better network planning and investment
- + Prioritize areas where Likelihood of Failure (LoF) is highest
- + Optimise your ground survey and IoT sensor deployment
- + Faster time & reduced cost to find leaks
- + Digitise network knowledge and understanding



## CONTACT

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## BUSINESS CHALLENGE

Faced with increasing challenges of reducing leakage and non-revenue water loss, waste and water network operators are looking for innovative methods to plan and optimize strategic investment in their pipelines.

Operationally, this translates as how to optimize the deployment of resources, repair and maintenance and capital expenditure based on the Likelihood of Failure (LoF) across the network.

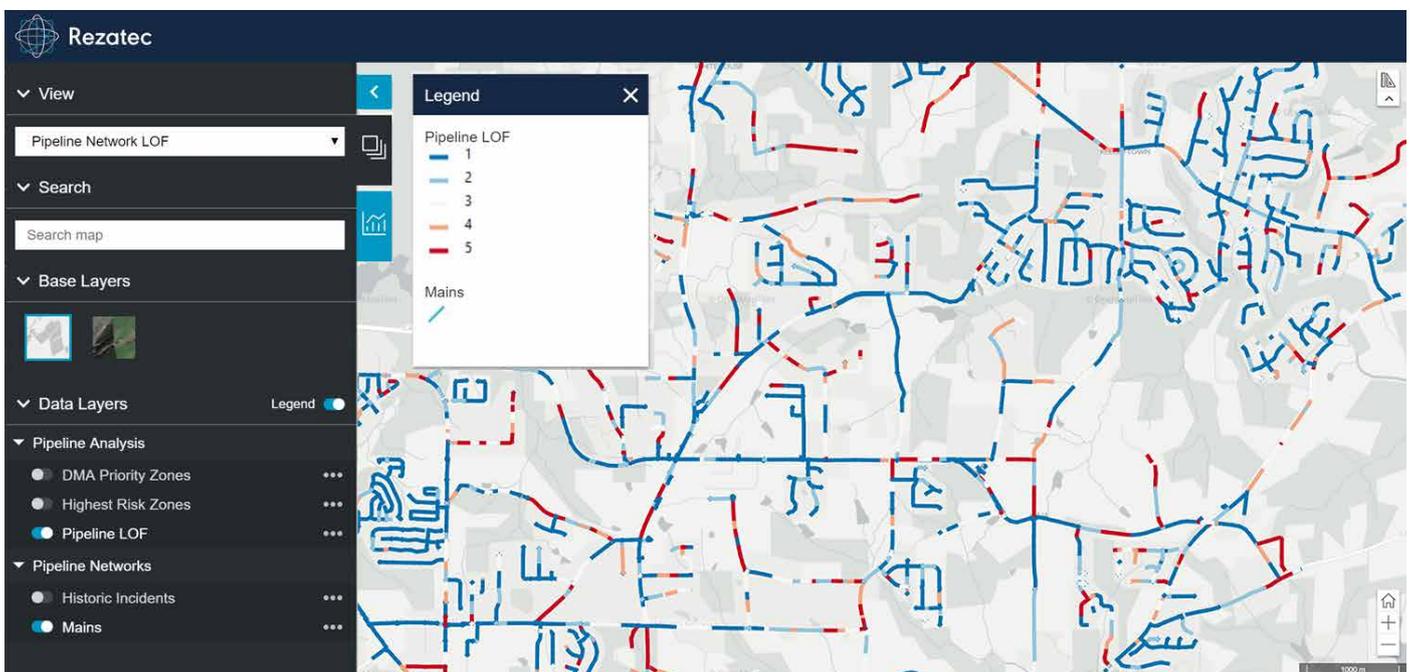


Image: Areas of pipeline where the likelihood of failure is greatest are presented in Rezatec's portal environment shown here.

## REZATEC GEOSPATIAL AI

Rezatec uniquely combines remote sensing analysis with data science to deliver Geospatial AI. Using machine learning driven statistical processing of satellite imagery and selected data inputs Rezatec provides proactive risk management as a data service for your whole network. With subscription-based online access to our geospatial portal, our customers use our expertise and data driven analysis to enable reduced operating costs and optimised asset management across their networks. Rezatec customers cover the globe and are leaders in their respective industries in the water, agriculture, infrastructure and forestry sectors.

**CONTACT US TO  
FIND OUT MORE OR  
BOOK A DEMO**

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