Know your risks
Prioritise OPEX

The challenge

Fragmented data, hard-to-access assets and limited real-time monitoring make water infrastructure failures expensive and difficult to detect.

Our solution

We combine Earth Observation, AI risk models and data fusion to detect water leaks and subsurface cavities across large water networks.

Products

SCAN

Detects anomalies in infrastructure and its surroundings using satellite, geospatial and operational data.

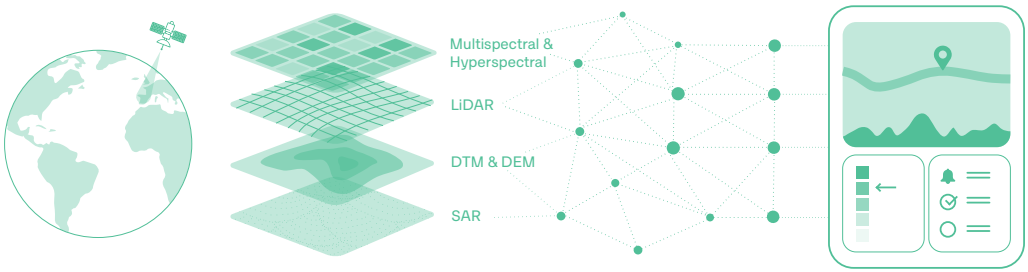
SCORE

Assesses risk based on probability, extent and severity to identify priority sections across the network.

PLAN

Compares interventions by cost, expected risk reduction and available resources to optimise decisions within budget.

How it works



Capture › Data Fusion › ML Detection › Risk Scoring

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MOAI

Spot water leaks from space

GATE

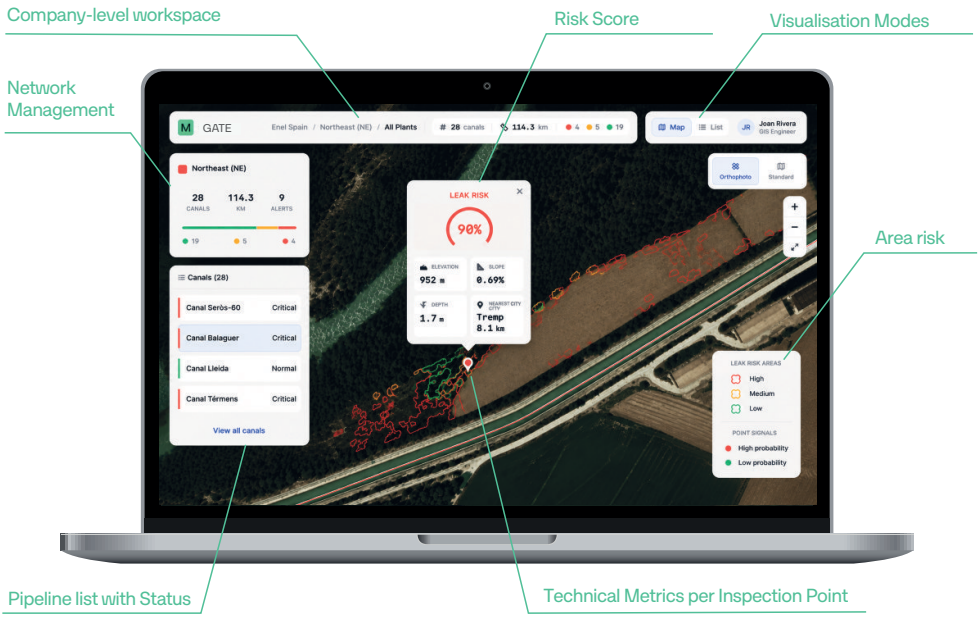
35%
RISK REDUCTION

47%
COST REDUCTION

82%
FASTER DETECTION

The platform

AI-powered platform that combines satellite imagery and GIS mapping to detect and prioritize leaks across water transport infrastructure. Built for large-scale infrastructure operators, it helps field teams act faster and smarter with real-time risk scores and historical analysis.



Contact us for a demo

MOAI