

Mekorot's IXDen AI Platform — Israel's National Water Company Predicts Infrastructure Failures Up to 60 Days Ahead

AI in the Public Sector · Good practice · Israel

Quality score: 60/100

Evidence strength: Descriptive / self-reported

Summary

Israel's state-owned Mekorot uses an AI anomaly-detection platform with IXDen to monitor thousands of water sites, process ~300 million sensor readings daily, and flag failures and cyber threats weeks in advance — though cost-savings estimates are vendor-reported, not audited.

Key dimensions

Dimension	Score
Evidence of impact / measured public value	1/3
Transparency, fairness & accountability	1/3
Transferability / demonstrated replication	2/3
Scalability beyond pilot	3/3
Governance, capability & sustainability	2/3

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-09-12

Mekorot Water Company Ltd. (with IXDen) — accessed 2026-09-12

Jerusalem Post — Mekorot launches national water control center (Mar 2025) — accessed 2026-09-12

NoCamels — AI data protector watches over Israel's water supply (Dec 2023) — accessed 2026-09-12

WaterWorld — IXDen launches dual solution for failure prediction, cybersecurity (Mar 2022) — accessed 2026-09-12

Cite this — Evidoria. Mekorot's IXDen AI Platform — Israel's National Water Company Predicts Infrastructure Failures Up to 60 Days Ahead. Persistent ID: ee656c5f-3e3a-41e5-927f-de8c36a73234.