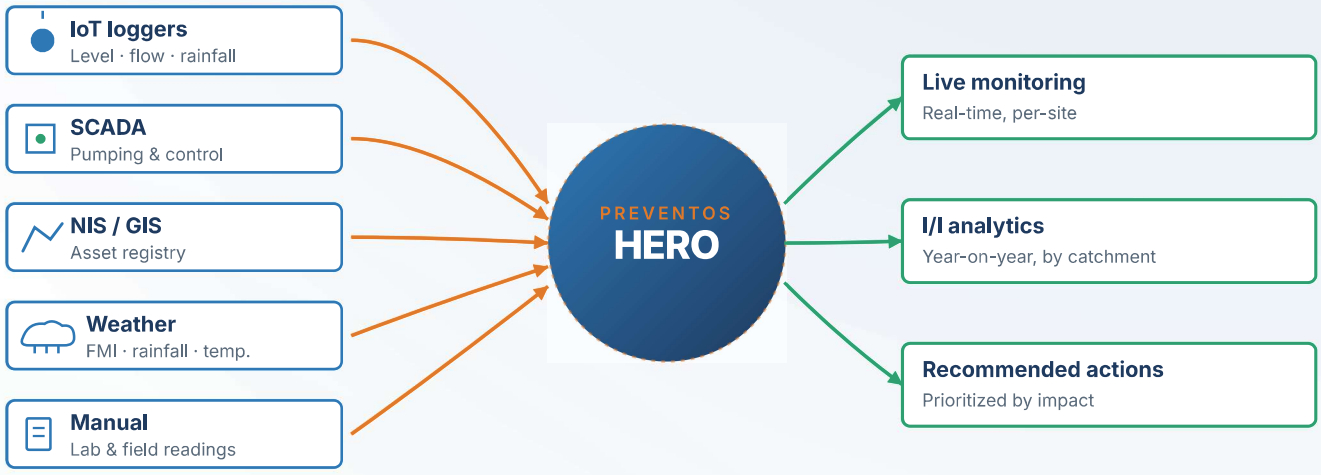
The data integrator and analyst for your sewer network.

Real-time IoT, SCADA, NIS, and weather data — unified, analysed, and turned into prioritized actions for network engineers and asset managers.



For municipal water utilities, consulting engineers, and asset managers — from major utilities to small water cooperatives.

WHY HERO EXISTS

Stop running your sewer network from four different screens.

Most water utilities today operate with their flow data in one system, asset and pipe data in another, SCADA in a third, and weather information in a spreadsheet. Decisions about where to send a CCTV crew, which catchment to renovate, or how to defend an investment plan get made on whichever subset of data happens to be in front of you. **Preventos Hero collapses that fragmentation into a single cloud platform.** The integration backbone is part of the product — not a side project for your IT team.

01 · INTEGRATE

One backbone for every data source.

IoT level and flow loggers, SCADA, NIS / asset registries, weather feeds, manual readings — Hero ingests and analyses them in one cloud GUI. No siloed systems. No spreadsheets between teams.

02 · ANALYSE

From data to defensible decisions.

Every infiltration & inflow number comes with data-quality scoring and weather-corrected context, so it holds up in a budget meeting and in front of a regulator.

03 · ACT

The dashboard tells you what to do next.

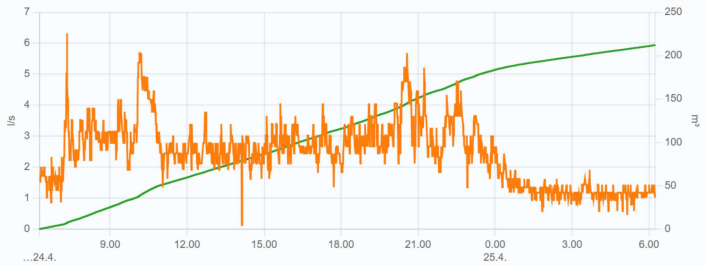
Hero is moving from problem-spotting to action-suggesting — prioritized, area-targeted steps like SCADA QA, CCTV / smoke testing in a specific catchment, or follow-up IoT level surveys.

WHAT'S INSIDE

Real-time measurement and long-term analysis. Same screen.

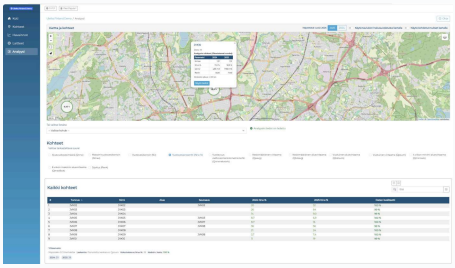
LIVE Site-level monitoring

Water level, flow rate, and cumulative volume on a single dual-axis chart, drawn from up to **1,440 measurements per day** per site. Min / max / average for any window. Mouse-wheel zoom, drag pan, one-click CSV export.



ANALYSIS Catchment-level I/I analytics

Side-by-side comparison of every site across years on one map. Pick from the full I/I metric catalogue — *Qnrw, Qmin4wk, Qmax8wk, Nv, Nrw-%* — with per-site **data-quality scoring** so you know which numbers to trust. Weather data joins automatically from national meteorological services.



QUALITY Data quality, scored per site

Every analysis result is annotated with a per-site data-quality score. Numbers you put in front of a regulator or a budget committee come with an explicit confidence level — no quiet assumptions, no surprises.

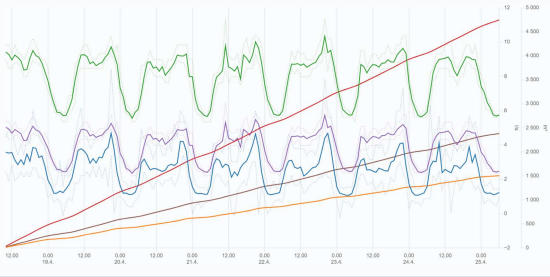
#	Tunnus	Nimi	Alue	Seuraava	2024 Qnrw	2025 Qnrw	Datan kvaliteetti
1	JVK02	JVK02		JVK03	6 236	19 335	100 %
2	JVK03	JVK03			3 302	8 261	99 %
3	JVK04	JVK04			13 394	17 171	99 %
4	JVK05	JVK05		JVK03	3 106	4 905	100 %
5	JVK06	JVK06		JVK07	2 093	8 294	100 %
6	JVK07	JVK07		JVK08	4 970	18 241	99 %
7	JVK08	JVK08			28 926	60 156	100 %
8	JVK09	JVK09		JVK08	160	685	100 %
9	JVK10	JVK10			433	1 768	99 %

INSIDE HERO — COMPARISON & ARCHITECTURE

Compare across the network. Cloud-native by design.

MULTI-SITE Cross-site comparison

Overlay several sites' time series on the same chart to spot patterns across the network. Useful for identifying which catchments respond fastest to rain events, and where new instrumentation is most needed.



Cloud-native by design

- **True SaaS delivery.** A completely new application, rebuilt from the ground up — every customer environment runs the same up-to-date version, automatically. No upgrade projects.
- **Microsoft / Entra ID single sign-on.** Personal authentication, full audit trail, IT-team-friendly.
- **Multi-tenant isolation.** Each utility has its own environment, with the same release cadence and the same analytical engine.

TRUSTED BY FINNISH WATER UTILITIES

In daily use across Finland — built to scale from large utilities to small cooperatives.

15+

ACTIVE UTILITY ENVIRONMENTS

Customers include **Vaasan Vesi, Kuopion Vesi**, and **Kuopion kaupunki,** plus other Finnish utilities. The same Preventos Hero environment is equally suited to small water cooperatives — from city networks to single-village systems.

Supported integrations

IOT LOGGERS & METERS
Technolog (UK), Badger Meter, Detectronic, and custom data sources via API.

OPERATIONAL SYSTEMS
SCADA, NIS / asset registries, customer cloud platforms.

WEATHER & ENVIRONMENT
National meteorological services — precipitation, air temperature, snow depth — automatic via API.

MANUAL DATA
Direct entry and CSV upload for spot measurements and lab results.

NOW IN PILOT · LOOKING FOR PILOT UTILITIES

Hero already integrates with SCADA. **Asset-management optimization** is the next module — built on the **US-EPA 10-step asset-management procedure** and ready for pilot testing. It closes the loop from monitoring → analysis → action → asset planning. We are now selecting pilot utilities for the integrated rollout. If you want to be first, talk to us.

BOOK A WALKTHROUGH

30-minute live tour

Tailored to your role and your network. **Demo access included.**

Pasi Pajula
pasi.pajula@preventos.fi
+358 45 7870 2969

BE A PILOT UTILITY

Asset-management module

We're now selecting utilities for the integrated rollout — be among the first to put monitoring, analysis, action and asset planning on one platform. Email **pasi.pajula@preventos.fi** to register interest.