



SCOPIOUS

SOLUTION PAPER

Smarter Water Management: Near Real-time Monitoring with Scopious IoT

Overview

Water and utility networks rely on timely data to detect issues and meet regulatory expectations. Scopious monitors flow, levels, and system conditions across infrastructure—helping operators reduce downtime, optimise performance, and stay aligned with consent and council reporting obligations.

Scopious for Water Management & Utilities

- Monitoring for tank levels, water flow, pressure, temperature, and pH
- Alerts for overflows, pump failure, or abnormal flow rates
- Air and soil sensors for identifying environmental impact zones
- Dashboard with near real-time data access and historical reporting
- Integrates with SCADA, telemetry, and automation systems
- Useful for managing drinking water, irrigation, stormwater, and effluent networks

Needs:

Operators need timely data to detect leaks, blockages, or performance drops—while staying ahead of resource consent conditions, council reporting, and sustainability expectations.

Solution:

Scopious delivers near real-time monitoring of environmental and infrastructure metrics, helping teams act quickly, report accurately, and keep essential services operating smoothly.

Key Benefits:

- Enables faster detection of faults, leaks, or system issues
- Supports compliance with regional council and consent reporting
- Helps optimise infrastructure performance and water use
- Reduces manual checks and maintenance callouts
- Provides trusted data for planning and asset renewal decisions
- Scalable across rural, semi-rural, and municipal networks

**Know your
network.
Prevent
losses.
Respond
faster.**