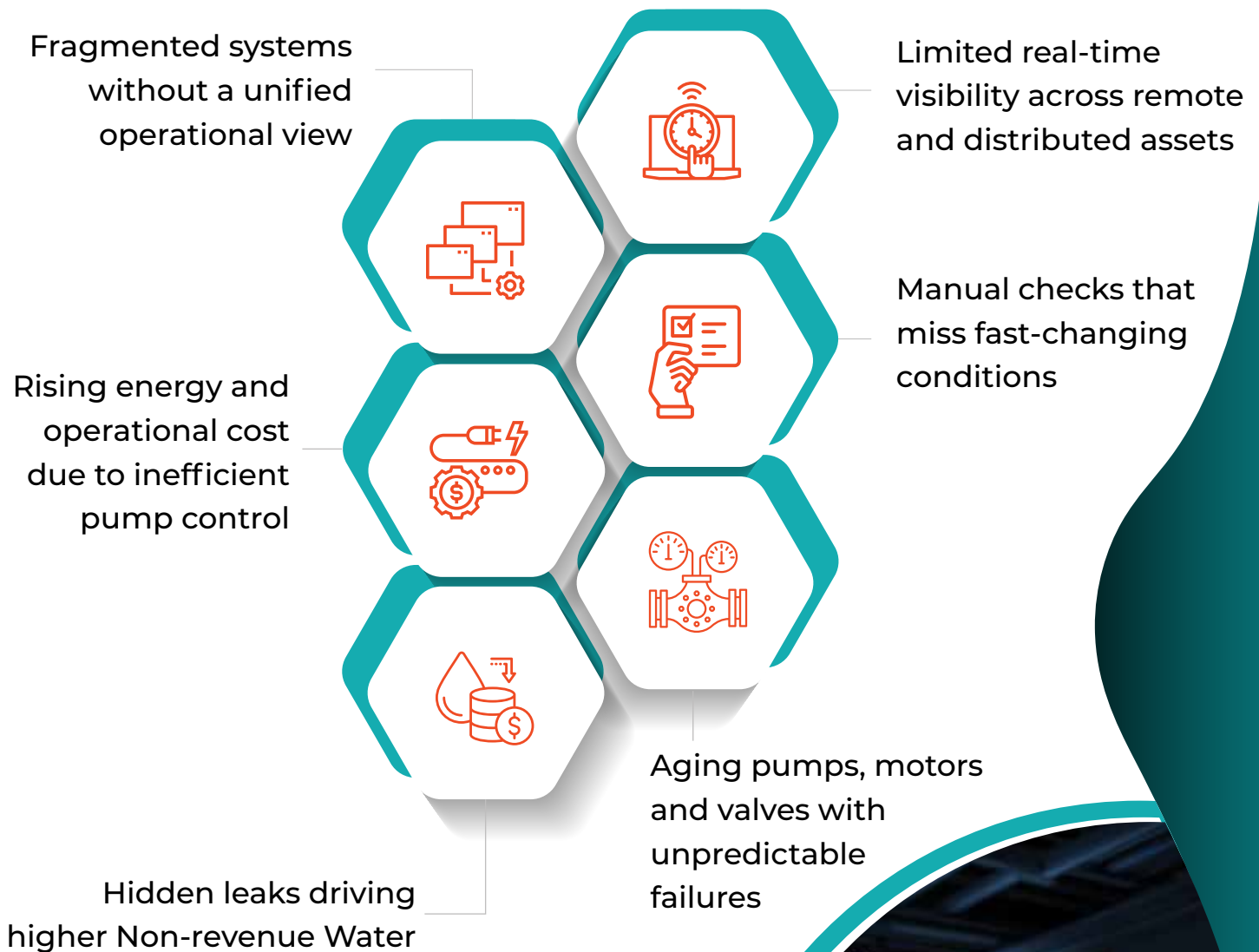centelon
robotics

Smart Water Management with Metiz AquaSPARC

Real-time Monitoring.
Reliable Operational Intelligence.

Utilities today continue to navigate a number of critical operational constraints

Fragmented systems without a unified operational view

Limited real-time visibility across remote and distributed assets

Rising energy and operational cost due to inefficient pump control

Manual checks that miss fast-changing conditions

Hidden leaks driving higher Non-revenue Water

Aging pumps, motors and valves with unpredictable failures

Where Our Platform Helps You Take Control

Metiz AquaSPARC provides an **IoT-enabled, SCADA-integrated** layer of real-time intelligence across your entire water network.

With continuous data, automated controls, and predictive insights, you gain the clarity to detect issues early, optimise operations, and reduce cost.

What Metiz AquaSPARC can deliver for you

Real-Time Monitoring & Trusted Data

You get continuous insight into flow, pressure, level, pH, turbidity, TDS, chlorine & more, across remote and distributed sites.

Smart Automation That Reduces Manual Load

You can automate pumps, valves, dosing, backwash cycles and aeration, ensuring stable operations with fewer interventions.

Predictive Insights for Critical Assets

You know when pumps, motors, blowers or clarifiers need attention - before downtime affects supply.

Unified Decision View

A centralised dashboard that gives you complete visibility and operational clarity.

Secure IoT Gateways Across Your Field Sites

Your remote assets stay connected via LoRa, NB-IoT, LTE-M, Wi-Fi or cellular, ensuring reliable monitoring and alerts.

Business Impact

✓ **Lower NRW** through earlier leak and pressure anomaly detection

✓ **Reduced downtime** with predictive maintenance

✓ **Lower operational & energy costs** through optimised pump control

✓ **Stable water quality** supported by continuous monitoring

✓ **Higher reliability** across the entire water lifecycle

✓ **Improved operational confidence** with trusted real-time data

About Centelon Robotics

Backed by the Centelon Group, our vision is to integrate hardware precision, software logic, and intelligent responsiveness, to create solutions that align with how people live, feel, and work. From humanoid robots to IoT Platforms, Centelon Robotics transforms your world with automation, insight, and adaptive design.

About Centelon Group

Centelon is a Melbourne, VIC-based technology solutions company that has grown from two employees in 2017 to nearly 400, spread across multiple locations. We serve several large and medium enterprises as well as government departments and non-profits in their digital transformation journeys. Over the course of several years, we have built several IP assets that enable us to significantly increase impact for our customers' businesses and improve time to realisation for them