Remote monitoring isn’t just for the big utilities.

kallipr

End-to-end remote monitoring for council water and sewer networks: hardware, connectivity, software, deployment



kallipr

Built for scale, proven in practice

Certified to **ISO 9001** Quality | **ISO 27001** Information security | **ISO 14001** Environment | **ISO 45001** Health & safety



411 customers worldwide

17 countries

100k+ devices monitoring critical infrastructure

kallipr

Trusted across Australia

From regional councils
to state water utilities



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The council reality

Big networks, small teams, tight budgets

Small teams, large footprint

A handful of operators covering pump stations, treatment plants and remote sites

Ageing assets, rising expectations

Infrastructure past its design life, with licence and reporting obligations growing

Every dollar has to be justified

No room for a big program, and site knowledge often sits with one or two people



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Remote monitoring is easier than you think

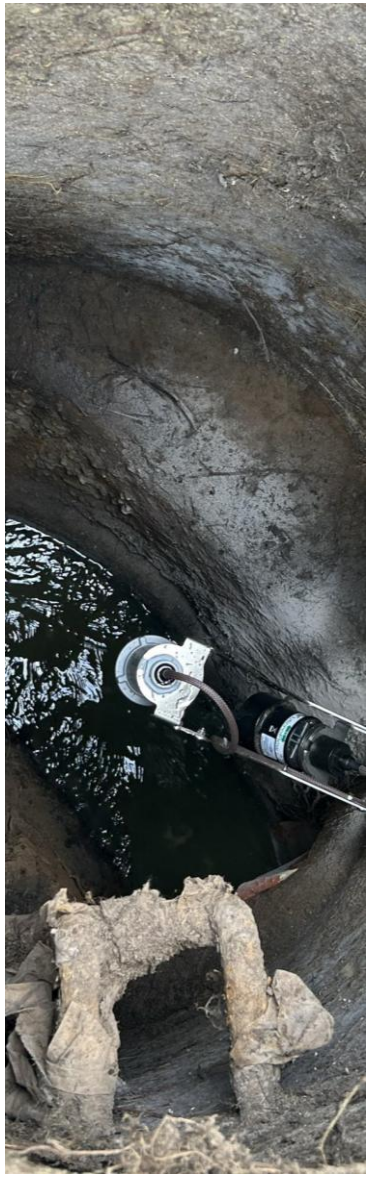
We need SCADA first	→	**Works standalone or with SCADA**
We need a big business case	→	**Start with a handful of sites**
We need specialist installers	→	**Installs take about 30 minutes**
IT won't allow it	→	**Cellular, off your IT network**
It's only for big utilities	→	**Councils are doing it now**
It costs too much	→	**Capex or subscription, per site**
Maintenance will bury us	→	**Multi-year battery, in-field swap**

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Level



Flow



Flood



Climate



Tank



Metering

Start small. Scale when it works.

Pick one problem. Monitor a handful of sites. Use the data to build the case for the next step.

THE COUNCIL PATH



1. Pick one problem

- Overflow hotspot, I&I catchment, STP inflow or a compliance gap



2. Deploy a handful of sites

- Battery-powered devices, installed in about 30 minutes each



3. See data in minutes

- Live dashboards, alarms and reports in Kallipr Kloud



4. Expand when it proves value

- Add sites and applications on the same platform

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What’s included

One supplier, one system, one point of accountability

Rugged device and sensor

Built for pits, wet wells and remote sites, with multi-year battery life

Connectivity included

Cellular data built in, with no changes to council IT or SCADA needed

Kallipr Kloud

Dashboards, alarms to your phone, automated reports and data export



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How councils are doing it

Six projects, started small and delivered fast



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Singleton Council

Sewer level monitoring
NSW

PROJECT SUMMARY

Smoke testing costs up to $200 per property, so the council wanted a more targeted option. Level monitoring now pinpoints I&I, starting in a northern catchment that was under capacity pressure.

INDICATIVE BUDGET

$20k to $25k (AUD)

PROJECT DETAILS

10 sites

Deployed in 2 weeks



Singleton Council employees installing the level sensor monitors

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Coolamon Shire Council

Sewage treatment plant flow monitoring
NSW

PROJECT SUMMARY

Council's analogue system lost software support, leaving no current inflow data for the EPA. Kallipr now measures total STP inflow, showing rainfall-driven I&I and backing the case for a new plant.

INDICATIVE BUDGET

$12k to $15k (AUD)

PROJECT DETAILS

1 site

Deployed in 1 week



Kallipr flow monitors a sewage treatment plant

kallipr

MidCoast Council

Infiltration and inflow (I&I) monitoring
NSW

PROJECT SUMMARY

MidCoast is splitting large catchments into sub-catchments to target I&I. Early trial results show which areas contribute most, cutting the smoke testing and CCTV work needed.

INDICATIVE BUDGET

$8k to $10k (AUD)

PROJECT DETAILS

4 sites

Deployed in 1 week



Kallipr's Spectra level monitor measures level over a channel

kallipr

Orange City Council

Flow and water quality monitoring
NSW

PROJECT SUMMARY

The airport is tracking PFOS entering its catchment. A Spectra flow meter runs alongside water quality sampling, so flow and sample concentrations together give the total PFOS mass.

INDICATIVE BUDGET

$3k to $5k (AUD)

PROJECT DETAILS

1 site

Deployed in 1 week





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City of Moreton Bay

Temperature monitoring for bat habitats
QLD

kallipr

PROJECT SUMMARY

Flying foxes are vulnerable to heat stress during extreme heat events. Council monitors temperatures at a flying fox colony so it can see when dangerous conditions are building.

INDICATIVE BUDGET

$13k to $16k (AUD)

PROJECT DETAILS

4 sites

Deployed in 2 weeks



Tenterfield Shire Council

Sewer flow, level and pump monitoring
NSW

PROJECT SUMMARY

Kallipr collects sewer flow, level and pump on/off data, which Council analyses in its own AVEVA PI platform. The data can flag blockages, test pump capacity and match inflows to pump runs.

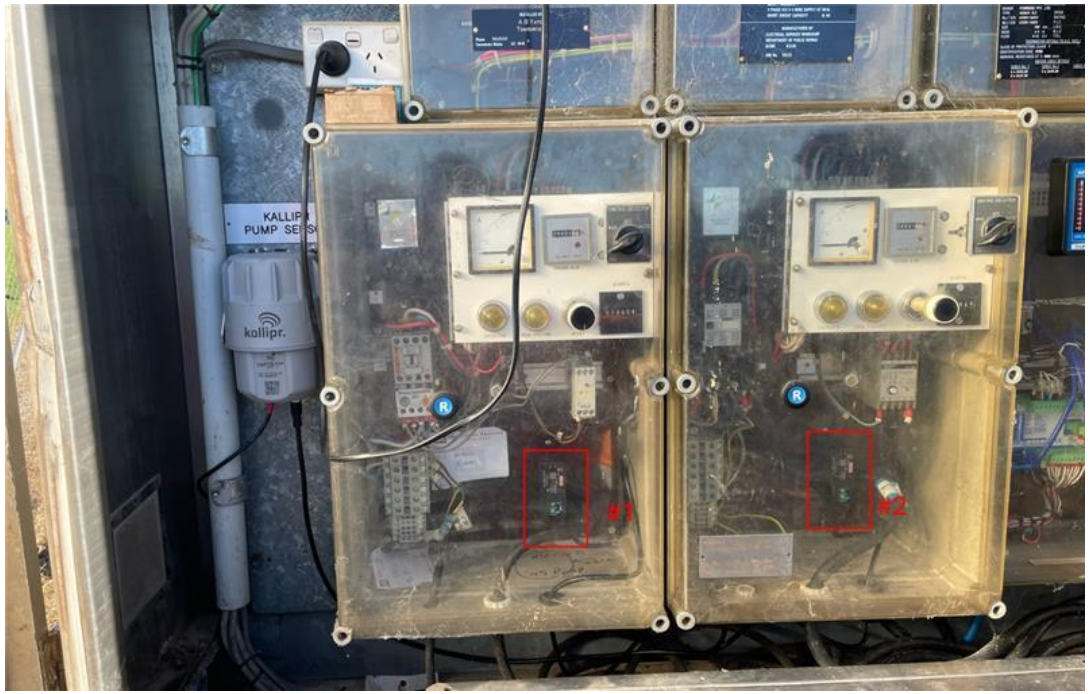
INDICATIVE BUDGET

$60 to $75k (AUD) inc. install

PROJECT DETAILS

5 sites

Deployed in 4 weeks



Captis S2 sensor measuring pump performance

kallipr

Six councils.
Small budgets.
Fast results.

Singleton	→	**Sewer level | $20k to $25k**
Coolamon	→	**STP flow | $12k to $15k**
MidCoast	→	**I&I | $8k to $10k**
Orange	→	**Flow, water quality | $3k to $5k**
Moreton Bay	→	**Temperature | $13k to $16k**
Tenterfield	→	**Flow, level, pumps | $60k to $75k**

kallipr

Built for councils of every size

“We’re very pleased with the Kallipr solution, which has restored reliable flow monitoring after years without usable data and is now providing valuable insights to help us manage our sewer network and plan for the future.”

Scott, Works Engineer, Coolamon Shire Council



End-to-end platform

- One system and one point of accountability



Built for harsh environments

- Designed and proven in the worst locations



Proven at any scale

- From a single pump station to 5,000-sensor networks



Australian designed and supported

- Brisbane-based engineering and support, on Australian networks

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