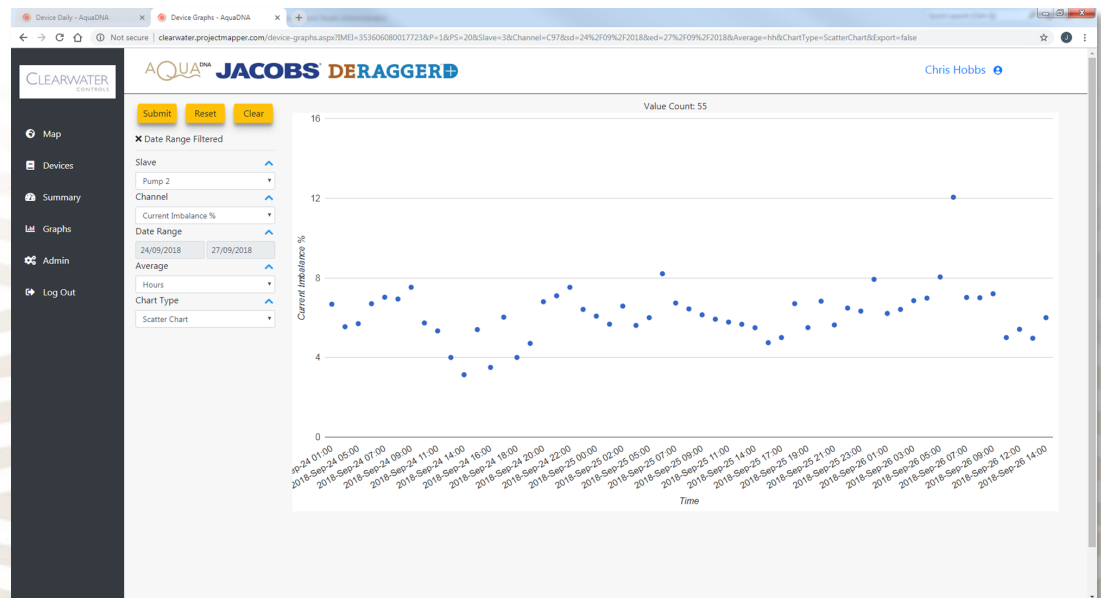# AQUADNA™

DYNAMIC NETWORK ANALYSIS

→ **BRINGS DATA TOGETHER**

   → **INTO REMOTE DASHBOARD**

      → **TO PROVIDE ACTIONABLE INSIGHTS**

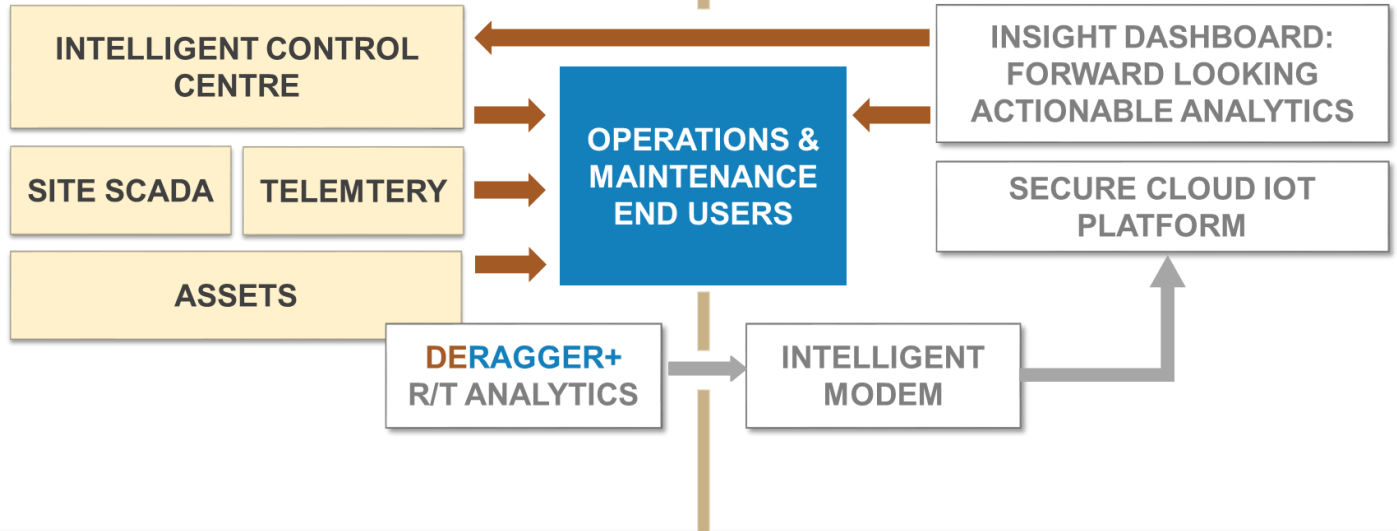   → **THAT COMPLEMENTS YOUR SCADA.**

EXISTING LAYER:

- High enterprise wide embedded investment, monitors asset status, delivers fundamental asset control functions.
- High reliability, rigorous but costly change control, limited to system heartbeat.

INSIGHT LAYER:

- Low cost to deploy, high value performance data, predictive, analytics, not in critical asset control loop.
- Agile, flexible, low cost modification, real-time input and insight, predictive advisory output.

INTELLIGENT CONTROL CENTRE

SITE SCADA **TELEMTERY**

ASSETS

OPERATIONS & MAINTENANCE END USERS

DERAGGER+ R/T ANALYTICS → **INTELLIGENT MODEM**

INSIGHT DASHBOARD: FORWARD LOOKING ACTIONABLE ANALYTICS

SECURE CLOUD IOT PLATFORM

REAL-TIME UPDATES:

- *TIME TO SPILL* &
- *AVAILABLE WELL CAPACITY.*

USING INTEGRATED WEATHER DATA:

- ALSO GIVES EXPECTED RAINFALL AT STATIONS.

HIGHLIGHTS PREDICTIVE MAINTAINENCE BY MONITORING:

- FLOW TRENDS,
- WEATHER DATA, &
- HISTORICAL DEGRADATION PATTERNS.

BENEFITS

REAL TIME DATA

UNIMPEDED PUMPS

REDUCED CALL-OUTS

INCREASED PUMP EFFICIENCY

PREVENTION OF BLOCKAGES

OUTCOMES

ACTIONABLE INSIGHTS
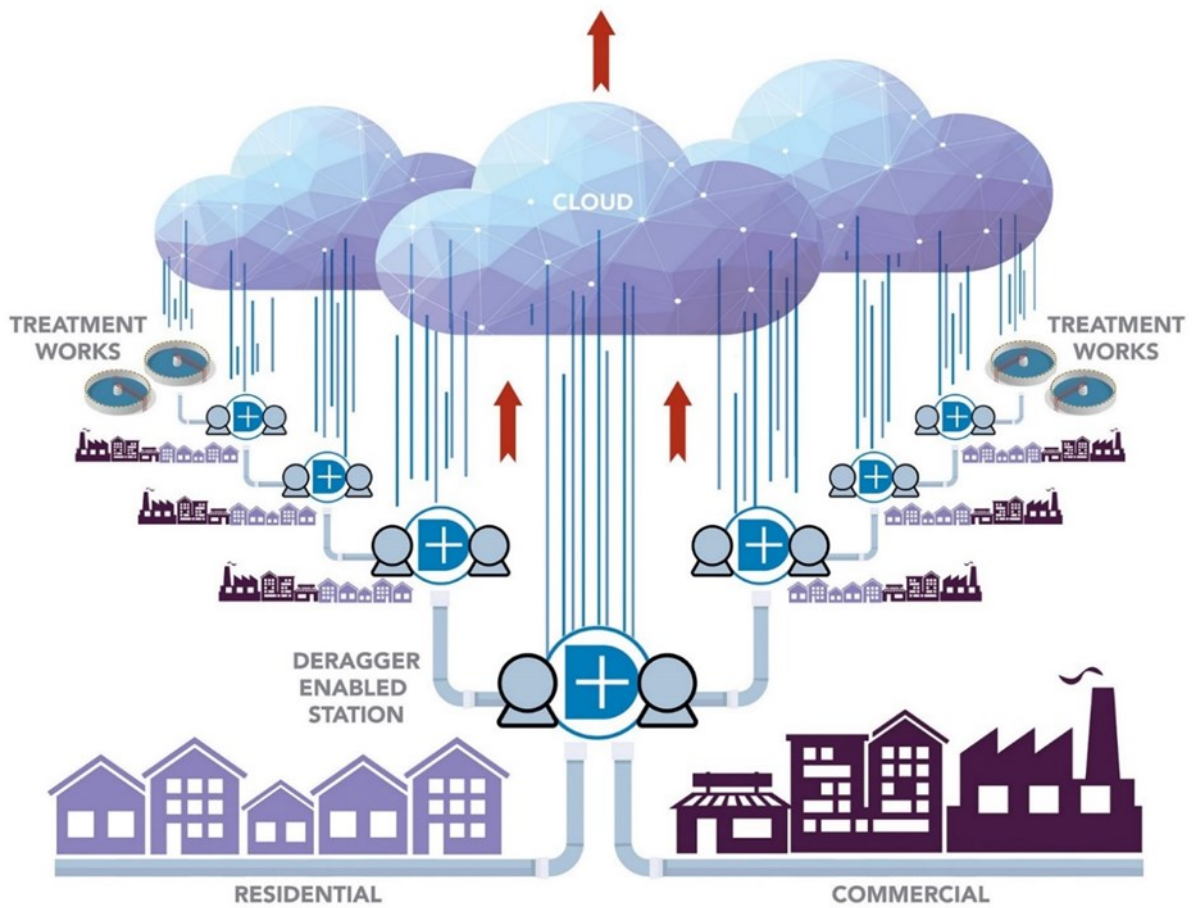
INCREASED PUMP LIFE

REDUCED OPERATIONAL COSTS

REDUCED ENERGY COSTS

REDUCED RISK OF SPILLAGE

AQUA DNA™

INTELLIGENCE BY
DERAGGER+

POWERED BY
JACOBS