



# Water and Wastewater Efficiency Specialists

Unlocking the full potential of pumps, blowers and turbines



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**#missionwater**

# ABOUT RIVENTA

**We're an award-winning team delivering optimisation know-how across pumps, blowers and turbines within water distribution, wastewater collection and heavy industry.**

**Our solutions and technology have been designed to work across an array of applications, unlocking the full potential of your systems and networks, and ultimately minimising whole-life costs.**

**# net zero water**

# MAXIMISE ASSET DATA AND MAKE GAINS

ENERGY

**26%**

SAVING

**Minimise energy  
consumption**

by continuously  
improving operational  
performance

RESILIENCE

**20%**

IMPROVEMENT

**Maximise reliability**

by managing your risks  
through planned  
maintenance

PAYBACK

**<1yr**

DELIVERED

**Minimise whole  
life costs**

by implementing  
recommendations  
based on accurate data

**SEE HOW WE ACHIEVE SUCH  
AMAZING RESULTS INSIDE**



# OUR ADVANCE

## Better understand your pumps

Our pump testing service is a cost-effective starting point for asset management. By measuring the key parameters in addition to pump efficiency, such as flow rate, head and electrical power, current pump performance characteristics can be compared to 'as new' and 'post-refurbishment' conditions. We can also test blowers and turbines.

### PUMP TESTING SERVICE



### NETWORK OPTIMISATION



## Observe, improve and better control your networks

We optimise networks using your existing SCADA data, with any data gaps resolved using real-time and highly accurate hydraulic measurements gained from on-site testing and monitoring. We can optimise a single service reservoir over 24-hours, scaling to entire water distribution networks consisting of multiple pumping stations, storage and demands.

ENERGY EFFICIENT

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SUPPORTING CA

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REAL-TIME  
ELEMENTS

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WASTEWATER  
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ION PLANTS  
HEMICAL  
PAPER

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ALISE, REPORT

ARBON NET ZERO



TEMPORARY  
PUMP  
MONITORING



INSTALLED  
PUMP  
MONITORING

## Know what's happening across your systems

Our System Optimisation Service utilises secure on-site asset monitoring equipment to provide real-time data, enabling you to start seeing what's happening in across your system by capturing data over 14-days. Our easy-to-install kit can provide an ongoing efficiency and optimisation program for two or more systems per month.

## Know what's happening in your stations

We manage, visualise and report on your pump assets and operational efficiency, providing real-time data and visualisations. Each project focuses on the whole-life management of your assets and drives efficiency gains through dynamic optimisation using our easy-to-install pump monitoring kit. Essential for pumps 250kW or larger.

# SECTORS WE WORK IN

## **MUNICIPAL WATER**

Borehole / Distribution / Intake

## **MUNICIPAL – WASTE WATER**

Pumps / Blowers

## **POWER GENERATION**

Boiler Feed Pumps /  
HydroTurbines

## **DESALINATION PLANTS**

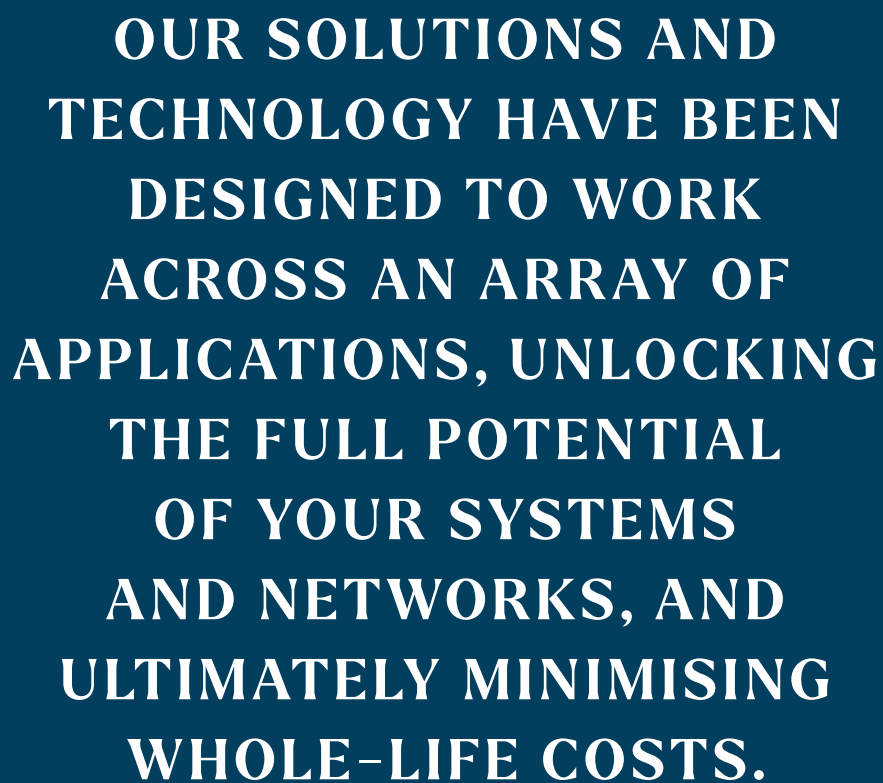
Desalination / Abstraction

## **PETROCHEMICAL**

Cooling Water Pumps / Quench Pumps /  
Steam Turbines / Large Process Pump

## **PETROCHEMICAL**

Fan Pumps / Water Supply /  
Large Process Pumps / Aeration



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AND NETWORKS, AND  
ULTIMATELY MINIMISING  
WHOLE-LIFE COSTS.**

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