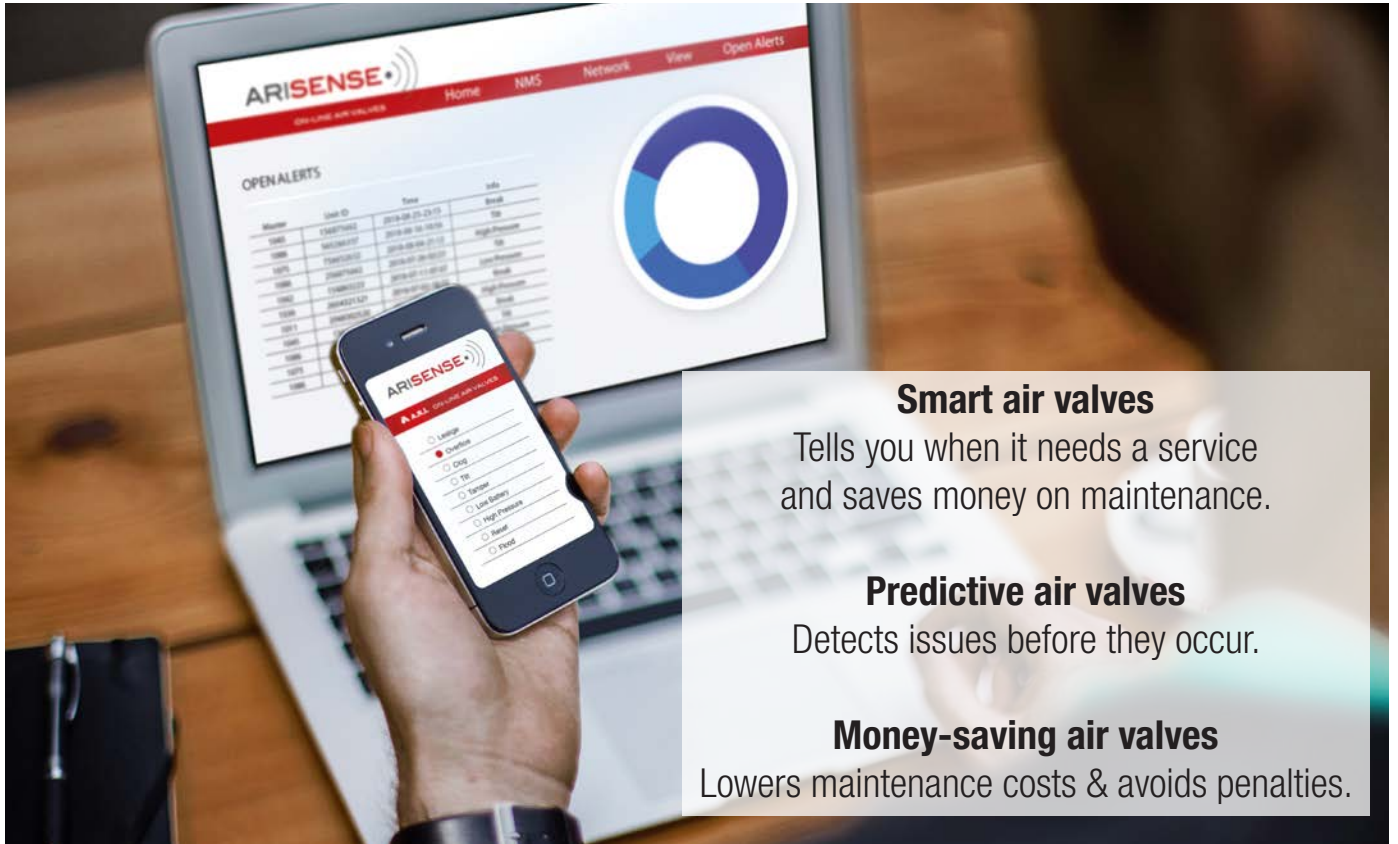


WASTE WATER NETWORKS

ARISENSE

AIR VALVE MONITORING SYSTEM



Smart air valves

Tells you when it needs a service and saves money on maintenance.

Predictive air valves

Detects issues before they occur.

Money-saving air valves

Lowers maintenance costs & avoids penalties.

MONITOR AIR VALVES ANYTIME, ANYWHERE!

AVK and ARISENSE provides unprecedented “remote” visibility into your air valves and pipes, reducing operational costs and preventing fines caused by leakage, overflow, clogging, tilting, tamper, high pressure and flooding.

ARISENSE employs a combination of sensors integrated within the air valve itself that continuously monitors its function and performance and transmit data to you.

ARISENSE is a data transmitting system that collects and transmits the air valve status and accessories data to a central web server.

The system provides a comprehensive view of the air valves installed on the system pipelines.

It detects abnormal issues before they occur, notifies the need for service, significantly reduces maintenance costs and prevents fines caused by leakage, spillage, clogging, tilting, vandalism, high pressure and flooding.

ARISENSE employs a combination of sensors integrated within the air valve housing that continuously monitor the valve functioning and performance and transmits the data to the web server.

● **Gain 24/7 “remote” visibility** into the functioning of your air valves.

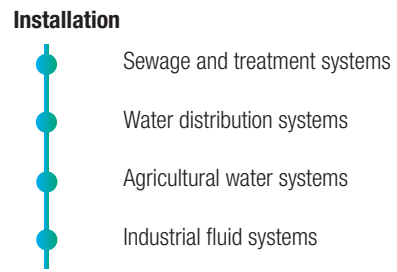
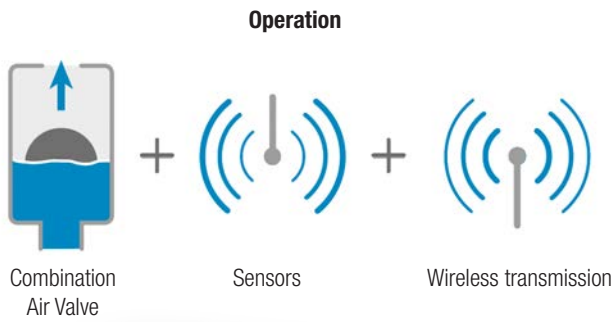
● **Receive instant alerts** about leakage, overflow, clogging, tilt, tamper, high pressure or flooding.

● **Detect potential failures or faults** and identify air valves in need of immediate maintenance.

● **Cost-effective maintenance** plan your inspections and servicing according to real needs.

● **Get Pressure data** that helps protect your pipeline system against leaks & blockage.

● **Reliable & advanced Air Valve** that builds on the A.R.I. Air Valve expertise and technology you trust.



Features and Benefits

- Fast and stable IoT connectivity. ● Transmits data from air valve sensors via wireless communication to a secure cloud and to your app.
- Early detection of leaks or blockages in air valves or pipes across your network. ● Avoids costly penalties, reduces water loss and minimizes environmental impact.
- 24/7 monitoring of pressure flow within pipelines and air valves. ● Enables more effective management of your water system.
- Easy installation. ● Smart air valves with built-in IoT can be installed by regular employees in the field.
- Monitor your network easily. ● Full picture of the state of your air valves and key pipelines from the dashboard on your smartphone or tablet.
- Instant alerts of a leak or blockage directly to your smartphone. ● Take immediate action wherever you are.
- Intelligent air valves with built-in sensors. ● Continuous monitoring, health-checks and alerts.
- Early warning alerts in rural or remote wastewater systems. ● Avoids environmental damage and water loss not normally detected using current practices.
- Very low energy needs extend battery life. ● Prolongs battery replacement time.
- SCADA SYSEM connection compatibility. ● Transmits data directly to your in-house system.