

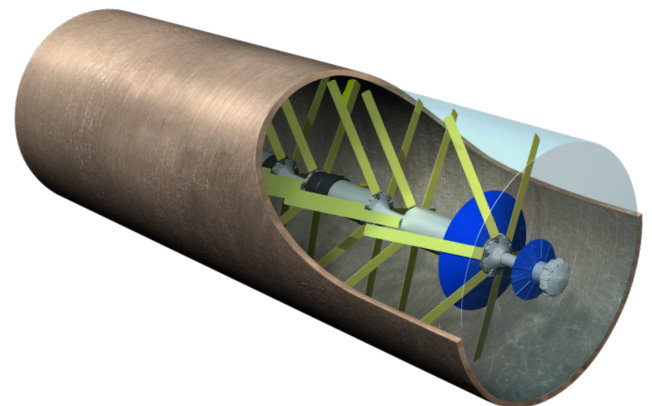


AN INLINE, FREE-SWIMMING TOOL FOR CONDITION ASSESSMENT OF WATER AND WASTEWATER PIPELINES

The PipeDiver® platform is a free-swimming pipeline condition assessment tool that is easy to deploy and operates while the pipeline remains in service. This tool provides utility owners with pipe wall condition data used to make rehabilitation and management decisions on a pipe-by-pipe basis.

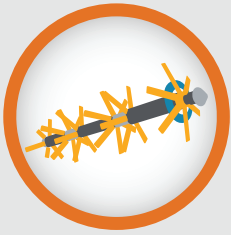
Replacing buried assets based on age is inefficient and expensive when most pipes have significant remaining useful life. Xylem provides the data, technology, and expertise to help utilities prioritize investment in the pipes that need it most.

PipeDiver is a best-in-class solution that leverages over a decade of inspection experience to simplify and streamline pipe wall data collection. Condition data empowers utilities to address problem areas and reduce the risk of dangerous and expensive failures. With actionable insights, utilities can extend the life of critical infrastructure, increase operational confidence, and reduce capital expenditures.



PIPEDIVER BENEFITS

- Pinpoint areas of pipe wall distress in metallic and concrete pipelines
- Understand asset condition on a pipe-by-pipe basis
- Inspect transmission mains and force mains without disrupting service
- Cover long inspection distances in a single deployment
- Pair with complementary Xylem services to support economic and proactive asset management



2,485+
Miles of pipeline
inspection data



ACTIONABLE INFORMATION

The PipeDiver platform provides utilities with a comprehensive understanding of pipe wall condition using high-resolution electromagnetic or ultrasonic data. The tool's sensors accurately locate and quantify wall loss in metallic pipe, broken wire wraps in prestressed concrete pipe, and broken bar wraps and cylinder wall loss in bar-wrapped pipe. Depending on pipeline conditions, the tool's onboard camera can also help locate air pockets, debris, outlets, cracks, and corrosion stains.

Xylem provides map-based results so utilities can visualize and contextualize the data. Dig sheets help utilities accurately locate problematic pipes and make precise repairs. Using pipe wall condition data, we can calculate a pipe's structural response to degradation and forecast future serviceability. These insights inform capital planning and guide a defensible, long-term pipeline management strategy.

OPERATIONAL EXCELLENCE

No other technology can match the PipeDiver platform's resolution and location accuracy when combined with its ease of deployment. The tool can navigate in-line valves as well as sharp bends and tees, enabling it to inspect pipelines with little to no disruption in service. This makes the PipeDiver platform the ideal tool for inspecting critical water and wastewater pipelines that cannot be removed from service due to lack of redundancy or operational constraints. The PipeDiver platform can be launched and extracted through existing appurtenances, reducing the civil work required to deploy the tool.

DELIVERY EXPERIENCE

Xylem has collected over 2,485 miles (4,000 km) of data from PipeDiver inspections around the world over the past decade. This operational experience ensures quality project management and professional inspection delivery.

For more information on data-driven pipeline management, contact us at: puretech@xylem.com



www.xylem.com