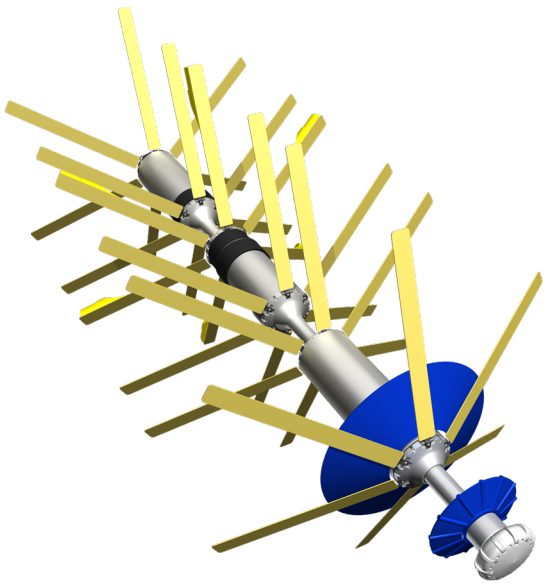
xylem
Let's Solve Water

# PipeDiver®

## INLINE FREE-SWIMMING PIPELINE CONDITION ASSESSMENT PLATFORM



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.

### Why Choose PipeDiver?

- Provides comprehensive pipe wall assessment data for pressurized water and wastewater pipelines
- Accurately pinpoints areas of pipe wall distress
- Effectively inspects metallic and concrete pressure pipe
- Covers long inspection distances in a single deployment
- Pairs with complementary Xylem services to support economic and proactive asset management

# PipeDiver
## BY THE NUMBERS

**1,500+**
Miles of pipeline inspection data

**10+**
Years of experience across the globe

**8,000+**
Damaged pipes identified

## What You Can Expect

Many water and wastewater buried assets are replaced based on age, yet much of this costly spending is wasted replacing assets with significant remaining useful life. PipeDiver is a best-in-class solution that leverages over a decade of inspection experience to simplify and streamline pipe wall data collection. The PipeDiver platform provides pipeline owners with powerful insights that help prioritize investment in the pipes that need it most. With data visibility and interpretation, utilities can proactively manage their assets with greater confidence, reducing the risk of dangerous and expensive failures and unplanned operational expenses.


### Operational Excellence

No other technology can provide the quantification and pinpoint location accuracy of the PipeDiver platform, coupled with its ease of deployment. Its ability to navigate in-line valves as well as sharp bends and tees enables this platform to inspect pipelines with little to no disruption in service. This makes it an ideal tool for inspecting critical large-diameter 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 prior to deploying the tool.

### Delivery Experience

Deployed for utilities around the world for over ten years, Xylem has collected more than 1,500 miles (2400 km) of pipeline inspection data using PipeDiver technology. This operational experience ensures quality project management and professional inspection delivery.

### Actionable Information

The PipeDiver platform contributes to a complete proactive pipeline management program by providing utilities with actionable information for decision making. The tool delivers accurate pipe wall condition data, identifying and locating defects to inform short- and long-term asset management strategy. Data exported to a geographic information system (GIS) enables at-a-glance pipeline visualizations.

## Get More from Xylem

Xylem is a world leader in the inspection of water and wastewater pressure pipelines and leverages a large database of comparable results to calculate remaining useful life and better understand the structural integrity of these assets. Complement the pipe wall condition data collected by PipeDiver with leak detection and long-term asset monitoring. Xylem's **SmartBall®** platform is used in pressurized water and wastewater pipelines to identify leaks and gas pockets. This free-swimming tool can be deployed over long distances to collect information on pipeline condition and alignment without disruption in service. For continuous, remote monitoring of Prestressed Concrete Cylinder Pipe (PCCP), Xylem's **SoundPrint® Acoustic Fiber Optic (AFO)** platform detects and locates wire breaks to prevent pipe failure.

## Related Case Studies

### Flower Mound, Texas, United States

Project highlights

- 3.5 miles (5.6 km) of Steel, Ductile Iron, and Bar Wrapped Pipe inspected within the city's water distribution system
- 14 anomalous Metallic Pipe sections detected with the PipeDiver platform
- 12 joints observed to contain deficiencies requiring repair
- As a result of the data provided, Flower Mound avoided unnecessarily replacing the entire pipeline, which would have required taking on $1 million of new debt

Read the full case study

### Evides Watercompany, the Netherlands

Project highlights

- 1.75 miles (2.84 km) of steel water main inspected with the PipeDiver platform
- Four pipes identified with anomalies
- Electromagnetic data identified one pipe section with 60 percent wall loss
- The utility saved an estimated €1.1 million due to the inspection and targeted repair

Read the full case study

For more information on how we can help you, contact us at: puretech@xyleminc.com

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