



Argon
by **Jacobs**

Smarter Asset Management Through Advanced Analytics



Score

Argon calculates robust condition scores, incorporating pipe material, defect type and extent, severity, and failure mechanisms. Unlike traditional averaging methods, Argon's scoring is engineered for strategic prioritization and planning.

Target with AI

Argon's AI module analyzes asset attributes, location, and defect patterns to flag assets at risk of accelerated degradation – enabling proactive maintenance before problems escalate.

Assess Risk

Calculate risk scores for your assets using data-driven, customized risk matrices or seamlessly integrate your existing scores. Risk is incorporated into prioritization frameworks to strengthening strategic planning and enabling more informed, defensible decision-making.

Determine Next Steps

Condition scores, risk scores, asset attributes and work order history are compiled to determine the most appropriate action for each asset, whether rehabilitation, continued monitoring, or other interventions. This module also optimizes scheduling and generates recommended work order lists.

Cost

Argon estimates the remaining service life of both inspected and uninspected pipes, calculates costs for repair, replacement, rehabilitation, and ongoing maintenance, and identifies the most cost-effective strategy for addressing priority assets.

Budget and Forecast

Argon develops prioritized renewal, inspection, and maintenance forecasts. It also models system performance under various budget scenarios to support long-term planning.

Unified Data View

Argon brings together inspection records, work order history, GIS data, and more giving you a complete picture in one place.

Hands-Free Automation

Set it and forget it. Argon runs nightly, automatically processing data and delivering insights – so you can focus on action, not administration.

Actionable Recommendations

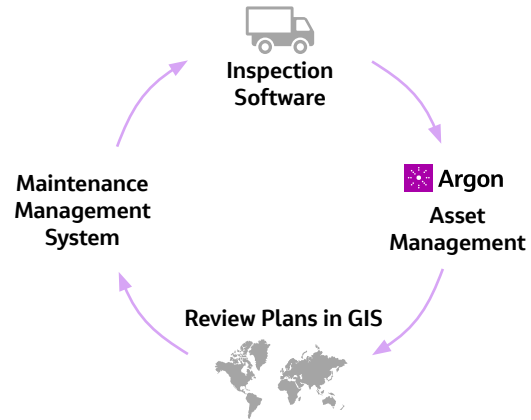
Visualize Argon's recommendations directly in your GIS, then generate work orders using your CMMS tools – closing the loop from insight to execution.

Bring your data together:

Argon works the way you do. Installed on-site, it integrates with your existing CMMS, inspection software, and GIS platforms. Once configured, it runs autonomously, keeping your asset data current and your operations efficient.

Bonus:

Argon compares your inventories, helping you to align them.



Understand your past.
Predict your future.
Act with confidence.

Argon was developed to revolutionize wastewater and stormwater asset management by integrating and transforming vast, complex datasets into actionable insights. Combined with predictive AI, Argon will streamline your decision-making and optimize performance of aging infrastructure.

Proven Performance, Nationwide

For over a decade, Argon has been deployed across large and small utility networks nationwide, delivering continuous, automated asset management. It seamlessly synchronizes data from inspections, GIS, work order history and hydraulics, running nightly to provide fresh, reliable insights—with limited oversight.

Use Argon as:

A short-term analysis tool for specific projects

A module within Jacobs' Dragonfly platform to analyze PACP results

A long-term, on-premise solution for continuous asset management

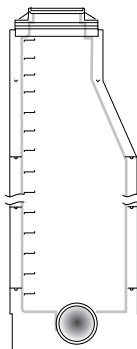
Ready to unlock the full potential of your data?

Argon delivers clarity, continuity, and control - so you can manage smarter, not harder.

Additional Modules in Argon:

Manholes & Special Structures

Argon's steps are available for manholes and special structures. Utilities can efficiently prioritize and pinpoint assets requiring reinspection, cleaning, rehabilitation, or repair. Argon supports MACP inspections.



Argon MACP Inspections

Infiltration & Inflow (I&I) Management

Argon's I/I balancing module compiles observed and potential I&I from multiple inspection types. It then enables users to balance flow using metering data, helping utilities identify problem areas.

