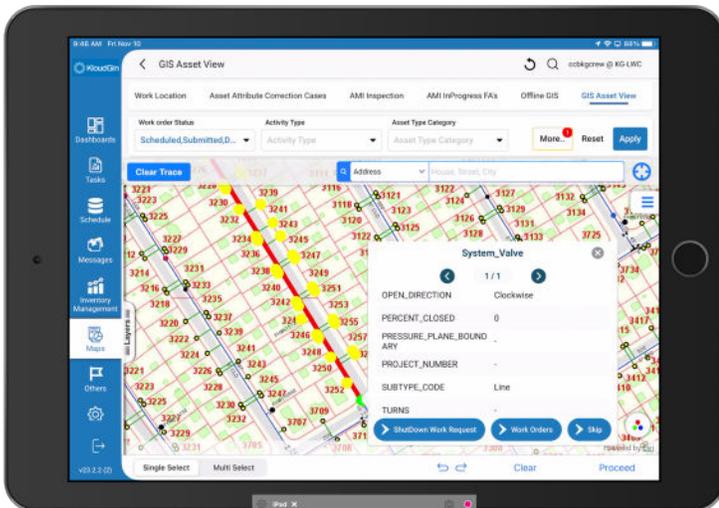




## Solution Sheet

# Valve Tracing

KloudGin's Valve Tracing Solution is a powerful and intuitive tool designed to streamline valve management within water distribution systems. It leverages cutting edge GIS technology to efficiently locate, inspect, and maintain valves, ensuring system reliability and uninterrupted water flow to customers.



Run a trace & create work orders, requests, & log survey results on any connected device.



## Key Benefits

### Enhance Efficiency

Reduce manual efforts and improve workforce productivity using digitized and automated valve maintenance programs.

### Improved Asset Management

Make data-driven decisions that optimize resource allocation and extend asset life cycles using KloudGin's GIS integration.

### Minimize Service Disruptions

Proactively identify potential impacts on customer service with accurate valve tracing to minimize service disruptions.

### Improve Data Accuracy

Empower field crews to correct valve attributes on the spot and ensure that asset data is updated accurately.

### Enhance Customer Satisfaction

Improve customer satisfaction and trust by keeping them informed about planned maintenance activities.

## The KloudGin Difference

### Digitized Processes

Replace error-prone manual processes and paperwork with a user friendly mobile app. KloudGin supports real-time data processing and enables a single system to record and store submitted tests and reports.

### Improved Regulatory Compliance

Ensure compliance with state reporting requirements by connecting backflow device inspectors, GIS, customers, and your back office in real time. Prioritize overdue inspections and review and approve results instantly. Ensure that your data is secure and NIST-compliant, and easily generate compliance reports for state authorities.

### Enhanced Tracking & Reporting

Improve decision support by utilizing your data to unlock advanced, AI powered analytics. Easily generate detailed reports on completed and pending inspections and compliance metrics, helping track your organization's annual progress.

### Powerful GIS and CC&B Integration

Improve collaboration with seamless integrations, including CC&B, to streamline updates to asset information and imports of customer information. Maintain backflow specific customer contacts and mailing addresses within KloudGin's platform as required.

### Multi-Facility Management

Seamlessly manage different types of facilities and associated assessments, installation processes, testing, and repairs. Generate reports on facility type, backflow type and testing history to assess cross-connection risk.

### Connected Notifications & Communications

Generate multiple notices, including violation and enforcement notices, across work orders based on activity types - including Install, Test, Survey, and Install/Replace Inspections. Send customer notifications via email and text alerts directly from the application.

### Connected Work Order Automation

Automatically convert email tickets into work orders and present them on the GIS map for field technicians to track the application.

### Custom Integrations

Streamline operations with custom integrations, including integrations with partner software to facilitate various processes - including local public health department software and municipal permitting department software.



# Key Values & Features

## Comprehensive GIS Integration

Access critical, real-time valve data and a centralized dashboard for valve management using KloudGin's GIS integration to enhance decision-making.

## Valve Tracing Modes

Switch between multiple tracing modes, including valve service, to meet specific operational needs.

## Detailed Trace Results

Access detailed reports of traced valves and hydrants to identify associated assets, shutdown zones, and potential impact on customer service.

## Attribute Corrections

Update and correct valve attributes on site to ensure accurate asset data for future maintenance operations.

## Customer Notifications

Keep customers informed about shutdowns and minimize service disruptions by triggering outbound customer notifications.

A Trusted Partner of the World's  
Most Innovative Utilities

“The KloudGin team has extensive experience and a deep understanding of serving the utility industry. They have enabled us to strengthen our decision making and extend the lifecycle of our assets.”

**Dave Vogel**

Executive Vice President, Louisville Water  
Company



## KloudGin: Building the Utilities of Tomorrow, Together

KloudGin is a cloud-native solution provider delivering the utility and public service's only true "Single Face of Work<sup>®</sup>" platform that unifies Construction Work Management, Enterprise Asset Management, and Field Service Management within one operational ecosystem. Purpose-built as the operational engine for utility and public sector workers, our AI-powered platform eliminates silos between systems and processes, seamlessly connecting all work operations in real time to empower the workforce that keeps essential services running across communities worldwide.

Connect with the KloudGin  
team to learn more.

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