



## Solution Sheet

# Construction Management

## Helping you build the grid of the future

Today's utilities must ensure they are equipped with the right tools and processes to successfully address the challenges they face as they build the grid of the future. Outdated, paper-based methods pose significant roadblocks for utilities, particularly when it comes to construction management.

To tackle the present-day construction management challenges, utilities must adopt modern tools and systems. With aging infrastructure, regulatory changes, and a distributed workforce, an unwavering focus on improved productivity, worker empowerment, and cost reduction are crucial. By embracing modern solutions purpose-built for today's modern workforce, utilities can streamline operations and ensure long-term success in a constantly evolving industry.

At KloudGin, we understand that transitioning from traditional paper-based construction management to digital methods can be a challenge for utilities. Many software solutions are expensive, complex, and involve time-consuming integration. KloudGin's Construction Management is a multifaceted solution that helps utility organizations quickly and easily transform their construction management operations. By digitizing the as-built process, KloudGin enables crews to capture materials for each construction location, record asset specification data, and create detailed as-built drawings on GIS maps in real-time. As a result, KloudGin helps accelerate the work order closeout process from months to just a few weeks - and at a fraction of the cost.

## The KloudGin Difference

### Simplified Work Management

With KloudGin, you can link multiple redline markups to a single work order and assign them to a specific construction location. Redline markups can also be directly associated with work order assets and viewed directly from the relevant work order asset or construction location.

### Expedited Material Reconciliation

Record material items, including serialized assets installed in a construction location and their comprehensive specification data. KloudGin's Construction Management solution automatically summarizes planned, issued, and installed items and expedites material reconciliation before the work order closeout.

### Enhanced Activity Type Settings

Easily manage your team's access to construction location information and the material reconciliation screen by configuring the work order activity type to 'Construction Work Management.'

# Transform your construction management

## Asset Specification Surveys

Pre-configure item surveys to capture asset specification data during asset installation to ensure important data isn't lost and to expedite the GIS updating process.

## Cost Optimization & High ROI

By providing the ability to create detailed redline drawings, KloudGin simplifies map editing for GIS administrators, improving speed to review and helping achieve lower costs compared to most digital as-built solutions.

## Streamlined Processes

Eliminate common errors caused by manual, paper-based processes that impact data quality, function, and availability.

## Backlog Elimination

Provide contractors and their crews the ability to mark up GIS maps in real-time, so map-editing backlogs can be significantly reduced and important data can be kept up to date.

## Fast Work Order Review and Closeout

With KloudGin's Construction Management, your teams can reduce the work order review and closeout process time for complex jobs from months to weeks or even less for smaller construction activities.

## Quick Material Validation

During the work order material reconciliation process, users can easily and efficiently validate installed materials and asset inventory issues which can be reconciled by correcting inventory transactions or utilizing the work order material scrapping process.

A Trusted Partner of the World's  
Most Innovative Utilities

“Implementing KloudGin for our organization has been instrumental in streamlining and optimizing our business processes, helping us transition from outdated technology that was limiting our scalability, ease of updates, and integration with newer technologies.”

**Jared Buskek**

VP Finance, Chief Information Officer and  
Treasurer, Madison Gas & Electric



Connect with the KloudGin team to learn more.

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## KloudGin: Powering the World's Most Innovative Utilities

KloudGin is the only cloud provider to combine Enterprise Asset & Field Service Management and AI-powered algorithms into a single solution which connects the back office, customers, mobile employees, and assets. Built for the workers who use it most, KloudGin eliminates traditional information and process silos to enable clients to unify systems, resources, and processes in real time so they can transform the customer experience and improve worker productivity.

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