

Solution Sheet

Construction Project Management

One unified platform for customer, capital, and asset-driven utility projects.

Capital investment is accelerating. Delivery capacity isn't.

Utilities and municipalities are having to renew aging infrastructure, absorb growth and new demand, strengthen resilience, and meet regulatory commitments — all at once, and all with the same constrained engineering, construction and project management resources.

Across electric, gas, water, wastewater and municipal infrastructure, the same challenge comes up: organizations rarely lack systems — the challenge is connecting those systems, teams, and workflows into one current view of project delivery.

- **Project information is fragmented across the enterprise:** ERP, GIS, project tools, contractor systems, field applications, spreadsheets and email each hold part of the picture.
- **Project managers become the human integration layer:** They spend valuable time coordinating schedules, collecting status, reconciling information across teams and preparing leadership reports instead of managing delivery.
- **Traditional project tools sit apart from the work itself:** Planning and scheduling happen in one system, while engineering, permitting, materials, construction and field execution happen somewhere else.

The result: utilities have more project data than ever, and one trusted, current view of cost, schedule, progress and risk still takes significant manual effort to assemble.

Built for the Full Utility Project Portfolio

KloudGin Construction Project Management covers the core ways utilities and municipalities initiate and deliver construction work.



Customer-Driven Projects

New services, upgrades, extensions, relocations, subdivisions, developer projects, municipal requests, EV/DER connections and other externally initiated work.



Capital & Program Projects

System expansion, modernization, replacement programs, resilience, regulatory commitments, substations, mains, feeders, facilities and other planned investments.



Asset-Driven Projects

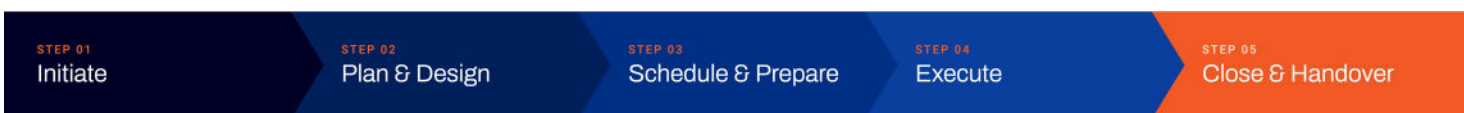
Projects triggered by asset condition, risk, inspections, failures, maintenance history, compliance requirements or end-of-life replacement.

Whatever the nature of the project, KloudGin connects planning, design, construction, field execution, cost, GIS, materials, and asset handover on one platform.



Different Triggers. One Connected Delivery Lifecycle.

Whether work begins with a customer request, a capital program or an aging asset need, the core delivery lifecycle is consistent:



KloudGin connects project, work, field and asset information across every stage, so no team needs to re-enter the same information another team has already captured.

What KloudGin Construction Project Management Does

KloudGin CPM connects project planning directly to utility construction execution, bringing projects, schedules, GIS, compatible units, materials, contractors, field progress, cost, and operational assets together in one system. It sits within KloudGin's Single Face of Work® platform, where construction, asset, and field service work already share one record — so a capital project doesn't hand off at commissioning. It becomes an operational asset in the same place the crews maintaining it already work.

Connect planning and execution

Bring portfolios, projects, milestones, budgets, locations, work packages and field execution into one connected delivery model.

Turn approved plans into executable work

Translate project scope and Compatible Units directly into governed work packages for crews and contractors.

See variance while there is still time to act

Bring field progress, quantities, materials, issues and changes into current status, cost and schedule forecasts so leaders can identify drift early.

Govern milestones and stage gates across disciplines

Coordinate engineering, land, permitting, procurement and construction milestones, require approvals before progression and maintain a clear audit trail.

See delivery capacity across programs

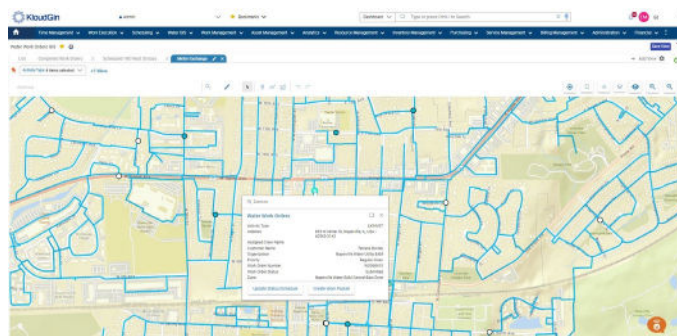
Understand demand across engineering, construction and contractor resources so bottlenecks can be identified before they become project delays.

Maintain one digital thread

Preserve traceability from design and estimate through construction, as-built, asset creation and handover.

Complement existing enterprise systems

Integrate with ERP, GIS, engineering and detailed scheduling platforms while KloudGin connects day-to-day project, construction and field execution.





Connecting the Critical Handoffs in Utility Project Delivery

Utility project delivery breaks down at the handoffs: planning to field execution, GIS to project teams, owners to contractors, materials to assets, and construction to operations. KloudGin CPM connects these gaps through a unified project, work, GIS and asset model, preserving context and traceability from project intent through operational infrastructure.

01

Planning → Execution

Turn approved project plans, milestones, locations and scope directly into executable work.

02

GIS → Project

Make network, asset and location context part of planning, permitting, construction and closeout.

03

Owner → Contractor

Connect utilities, engineering partners, contractors and inspectors through governed project and work information.

04

Field → Forecast

Turn quantities, materials, progress, issues and changes into current project status and forecast.

05

Material/CUs → Assets

Use CUs as the common definition of work across design scope, labor, materials, cost, field execution, installation, reconciliation and asset creation.

06

Construction → Operations

Carry validated as-builts, inspections, tests, warranties and asset data directly into operations.

KloudGin gives leaders one connected view of what is planned, what is ready, what is being built, what it's costing, what is at risk, and what ultimately becomes part of the operational asset base.



Connect with the KloudGin team to learn more.

1-877-256-8303 | KloudGin.com

One CPM Platform Across Utility & Municipal Infrastructure

KloudGin is a cloud-native solution provider delivering the utility and public sector's only true "Single Face of Work®" 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-native 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.

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