

Solution Sheet

Esri GIS Integration

GIS capabilities increase worker productivity and improve location-based customer service

Scalable and user-friendly GIS capabilities

Esri GIS integration is a core feature of the KloudGin platform. The map interface on web and mobile works as an integral part of any workflow, streamlining operations for geospatial assets built on any data model, above ground or facility-based.

KloudGin's Esri integration is designed to meet the demanding requirements for scalable and user-friendly spatial capabilities across the organization. This becomes critically important to companies that have assets and infrastructure dispersed over wide geographic areas. The integration gives organizations real-time location data, enabling precise decision-making, resource optimization, and asset maintenance. It helps boost productivity, reduce downtime, and improve performance and the customer experience by eliminating siloed data and processes and providing a single source of truth.



As a certified Gold Partner in Esri's global network of location intelligence and one of the only EAM solutions in the marketplace certified with Esri's GIS System Ready designation, KloudGin enables organizations to integrate cutting-edge geospatial technology with their workflows and enhance operational efficiency.

Key Benefits



Enhanced Asset Reliability

Tightly integrated map-based workflows ensure crews can identify and perform work on the right asset and understand what's happening around them.



Increased Efficiency

Streamlined workflows and accurate asset information improve operational efficiency by eliminating silos and providing a single view into key operational systems.



Data-Powered Decision Making

Real-time location data empowers smarter decisions and resource allocation by synergizing asset information, location, and operational data.



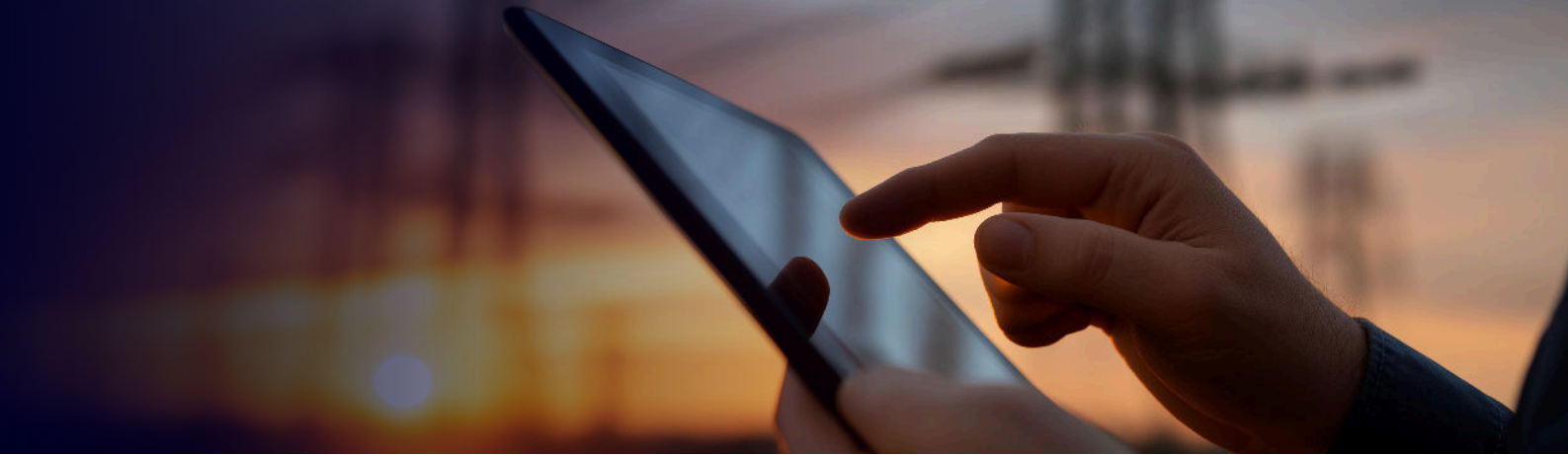
Seamless Collaboration

Redlining and asset grouping features enhance collaboration among field crews. From diagnosis to work execution in the back office to the field, teams can collaborate and communicate in real time from a single application.

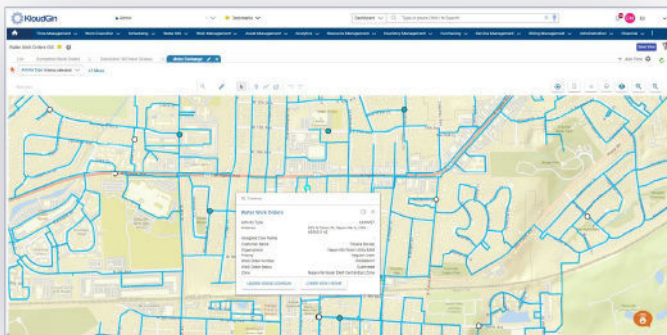


Improved Customer Service

KloudGin's integration fosters exceptional customer service through precise asset insights and data automation.



Key Values & Features



Embedded Work Orders

Eliminate the need for additional applications with the advanced ability to embed work orders with insightful maps. This helps:

- Provide operational awareness across all work and asset operations
- Track, update, and collaborate over work orders live on the map
- Make better repair/replacement decisions
- Access critical and relevant information to accomplish tasks on the go

Assisted Scheduling

Full integration with an intelligent scheduling engine helps dispatchers and planners visualize the relationship between asset locations, their resources, and work activities, enhancing decision-making and maximizing efficiency.

Map Searches

Users can jump straight to the right spot on the GIS map by searching an address, asset ID, landmark, work order location, and more.

Map-Based Self-Assign Scheduling

Authorized field users can leverage the map to see nearby work orders and self-assign work.

Online and Offline Transition

KloudGen offers uninterrupted functionality of its GIS maps by allowing field workers and contractors to smoothly transition between connected and disconnected modes.

Redlining

Users can communicate design modifications and add notes in real time using the redlining feature on the map, providing context to field activities and better representing real-world observations.

Simple Authentication

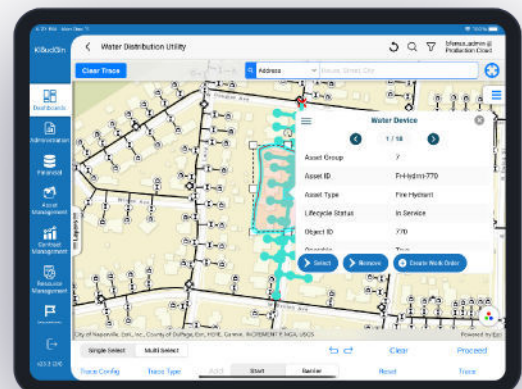
Companies can leverage the single sign-on feature while accessing ArcGIS in KloudGen for a seamless experience.

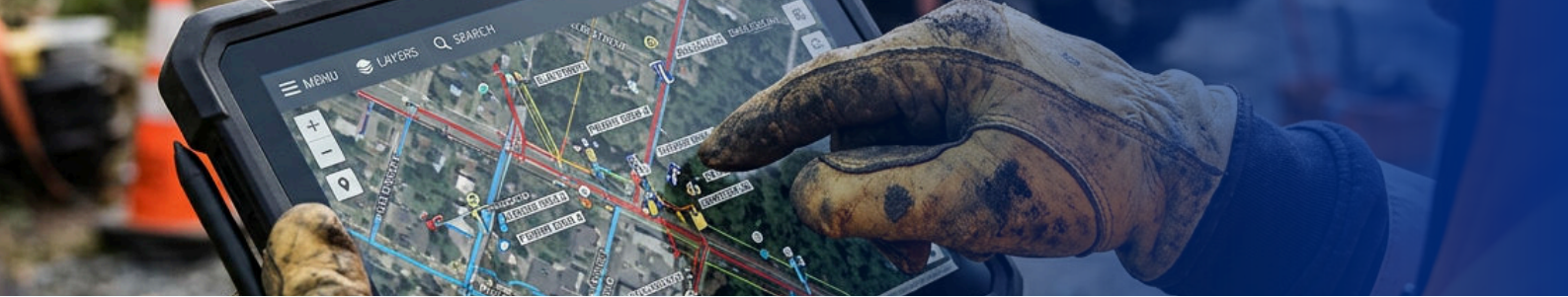
As-Built Integration

Access the as-built files on GIS maps to get a clear, updated picture of the asset and make better operational decisions.

Network Tracing

Users can run upstream and downstream traces on the utility network from the field, whether online or offline.





Mobile Integration

Our user-friendly mobile interface helps streamline workflows on the map. Contractors and field technicians can:

01

Locate assets tied to a work order

02

Add one or more assets to a work order or request

03

View, manage, and create work orders from the maps

04

Update asset status or attribute information

05

Create asset groups and preventative maintenance schedules based on field observations

06

View a comprehensive asset and work history

07

Add or modify redlining/annotations on the map

08

View as-built drawings, documents, photos and images associated with the asset

09

View maps in offline mode

Support for the Utility Network

Your Utility Network already knows how your system connects. KloudGin works directly with that data model, so the investment you've made in it reaches field crews from day one, with no separate configuration to build or maintain.

The trace types you've set up in the Utility Network, from valve isolation to phase-based traces, run in the field and connect straight to the work.

“KloudGin's combined field service and asset management solutions provide customers a single face of work, paving the way for smarter asset and personnel deployment and strategic management decisions.”

Dawn Caravallo
Manager, Esri Partner Network



Connect with the KloudGin team to learn more.

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KloudGin: Powering the World's Most Innovative Utilities

KloudGin is a cloud-native solution provider delivering the utility and public service's only true “Single Face of Work®” platform that unifies Construction Project Portfolio 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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