



Solution Sheet

Gas Leak Survey

Digitize and simplify compliance-driven inspection workflows

Gas utilities face an increasingly complex regulatory environment, where annual leak survey inspections are essential for public safety, compliance, and operational integrity. Yet many organizations still rely on manual processes, spreadsheets, and disconnected systems that hinder efficiency, create documentation gaps, and increase the risk of costly regulatory violations.

KloudGin's Gas Leak Survey solution transforms this critical, compliance-driven process into a connected, data-rich workflow that ensures accuracy, visibility, and accountability from the field to back office. Leveraging KloudGin's unified field service and asset management platform, utilities gain a single source of truth for all inspection data, ensuring accuracy, accountability, and full regulatory confidence.

Streamline inspection compliance

Utilities spend thousands of hours tracking inspection schedules, reconciling records, and preparing for audits, often across multiple systems that don't talk to each other. KloudGin simplifies compliance by automating the entire inspection lifecycle.

Regulatory timelines are built directly into the system, ensuring inspections are scheduled and completed on time, with alerts preventing deadlines from being missed. Every survey result is digitally documented, validated, and stored in a centralized record, ready for instant retrieval. Instead of weeks of manual report compilation, utilities can generate audit-ready documentation in minutes - reducing administrative effort and eliminating compliance uncertainty.

Key Benefits

Improve Efficiency

Digitized inspection planning, routing, and documentation streamline leak survey operations, reducing administrative overhead and increasing field productivity.

Enhance Safety

Real-time data capture, automated leak classification, and faster repair initiation improve response times and strengthen overall pipeline safety.

Ensure Compliance

Automated scheduling, built-in regulatory tracking, and complete audit-ready documentation help utilities stay compliant with DOT and PHMSA regulations.

Gain Operational Visibility

Integrated dashboards and analytics provide real-time insight into inspection progress, asset condition, and emerging risk areas.

Elevate the Customer Experience

Real-time updates, faster resolution times, and reliable service delivery lead to higher customer satisfaction and stronger community relationships.



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Empower field crews with modern mobile tools

Field inspections often take place in remote environments where connectivity is limited and accuracy is critical. KloudGin equips field technicians with a purpose-built, mobile-first app that works online or offline, giving them all the information, maps, and tools they need to complete inspections efficiently.

Data from methane detection devices flows directly into the system in real time, while embedded Esri GIS tracking ensures every segment is covered. Field crews can capture notes, photos, and videos hands-free, without rework or duplication. The result is less time spent on paperwork, fewer data errors, and more time focused on keeping infrastructure safe.

Connect inspections directly to your asset record

Most utilities lose valuable insight when inspection data lives outside the asset system. KloudGin closes that gap by linking every survey result directly to the associated asset in real time. When a leak is detected, the platform automatically grades its severity, generates a repair work order, and updates the pipeline's condition history.

This connection between field findings and asset management ensures nothing falls through the cracks and helps utilities transition seamlessly from inspection to action - reducing response times and improving long-term asset performance.

Gain operational visibility and insight

Managing hundreds or thousands of annual inspections can quickly overwhelm teams without visibility into progress or results. KloudGin brings all inspection data into a single view, giving managers real-time insight into what's been completed, what's pending, and where risks are emerging. Dashboards highlight trends across leak types, locations, and environmental conditions, helping utilities prioritize resources and plan proactively. When audits or internal reviews arise, every record is already in place - accurate, accessible, and backed by analytics that demonstrate continuous compliance.

Faster audits. Fewer errors. Stronger compliance.

By replacing paper forms and disconnected systems and processes with one integrated platform, KloudGin enables utilities to achieve 40–50% higher field productivity, reduce audit preparation time by up to 80%, and improve documentation accuracy by over 90%. The result is a more confident, compliant, and data-driven organization - ready to meet evolving safety and regulatory demands with speed and precision.

KloudGin unifies field and asset workflows across all inspection types, enabling gas utilities to manage leak surveys, repairs, and maintenance in one connected environment. From planning to reporting, KloudGin ensures data accuracy, workflow efficiency, and full regulatory compliance, helping utilities meet their inspection obligations with confidence.



Connect with the KloudGin team to learn more.

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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[®]" 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.

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