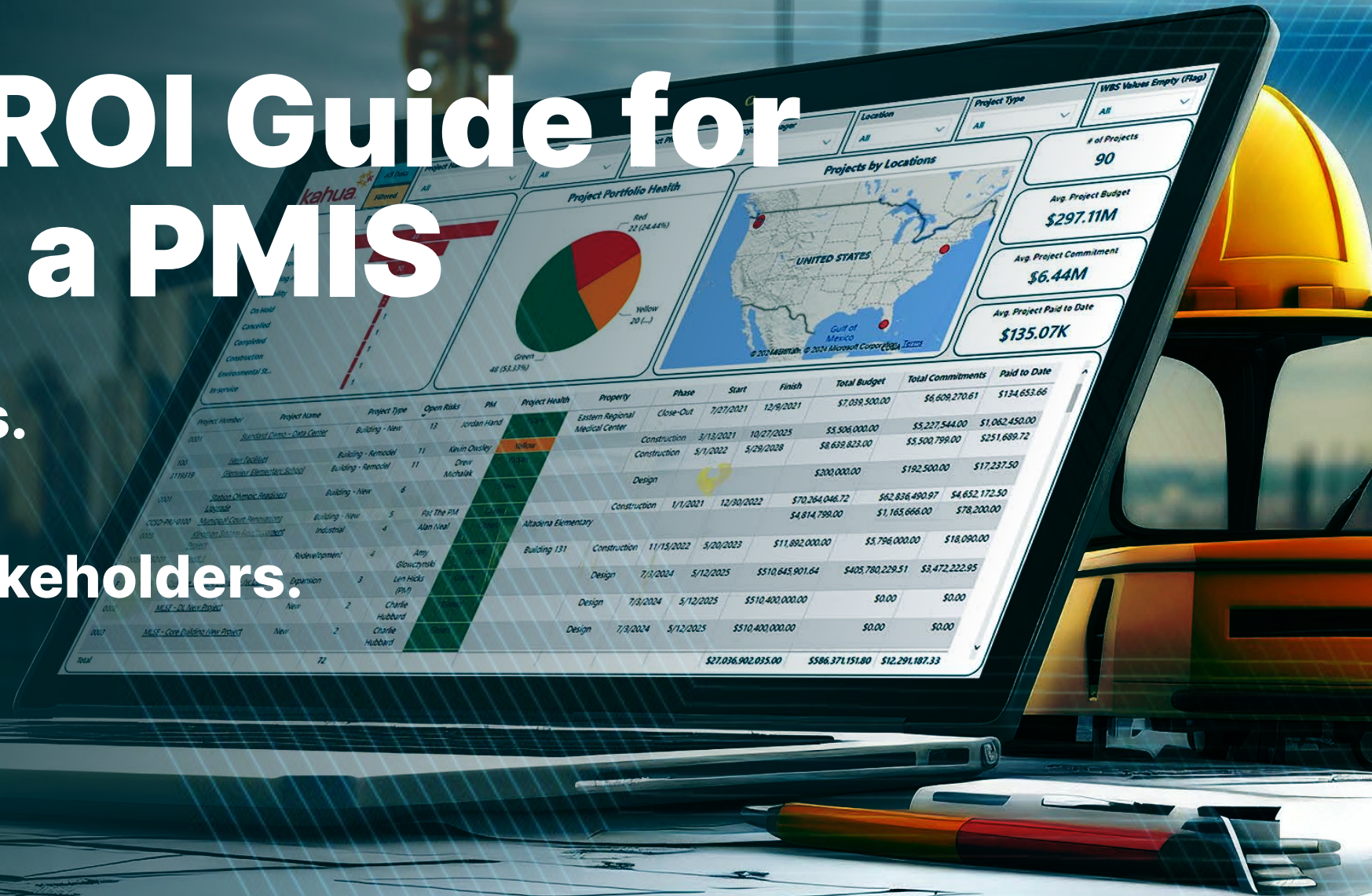


A Practical ROI Guide for Investing in a PMIS



Rising construction costs. Tighter schedules. Greater scrutiny from stakeholders.



In a business where every miscommunication has a price tag, selecting a Project Management Information System (PMIS) is no small decision. Yet too often, owners “check a box” on technology without fully realizing its long-term, bottom-line impact.

This guide cuts through the noise by mapping out five ROI pillars—from time savings and data accuracy to strategic agility—so you can see exactly how a modern PMIS like Kahua does far more than replace spreadsheets or disparate systems.

A PMIS speeds up workflows, safeguards against risk, and aligns every stakeholder to deliver on schedule and on budget.

See where and how a PMIS drives measurable returns, so you can tackle today’s toughest construction challenges with clarity and confidence.

Let’s explore each ROI pillar in detail.

The Five Pillars of PMIS ROI

- 1 Time and Cost Efficiency**
- 2 Data and Accuracy**
- 3 Stakeholder Alignment and Collaboration**
- 4 Risk Mitigation and Process Control**
- 5 Scalability and Strategic Agility**

1.

Time and Cost Efficiency



Companies that leverage digital tools are boosting operational efficiency and profitability in construction.”

– 2025 North American
Engineering and Construction
Industry Overview (FMI)

Before you quantify potential savings from a PMIS, pinpoint where most time and money are slipping through the cracks:

- 1 How many hours per day do your teams spend chasing answers from emails, meetings, and phone calls?
- 2 Are highly compensated personnel—like engineers or project managers—bogged down by low-value tasks?
- 3 Have you quantified the true cost of lost productivity, rework, errors, and administrative inefficiencies?
- 4 How often do budget overruns or schedule delays stem from avoidable miscommunication?
- 5 Are you duplicating effort across multiple tools and spreadsheets, or does your team share a single source of truth?

These are the most common culprits behind wasted time and rising costs. Here's how a PMIS can address them.

- **Reduction in Process Cycle Time**

Budget Management, Capital Planning, RFIs, Change Orders/Approvals, Schedules

By automating and streamlining these processes and more, owners reduce administrative overhead and free up internal staff to focus on higher-value tasks.

- **Avoiding Rework**

Real-time updates, standardized workflows, and clear approvals help prevent costly mistakes or duplication of efforts.

- **Technology Consolidation**

Replace multiple, fragmented point solutions with a single, unified platform to lower overall IT costs, speed up project workflows and reduce time searching data siloes.

- **Single System for Financial Management**

By centralizing cost tracking, budgeting, and payment processes, owners minimize manual data entry and improve the accuracy of financial forecasts.

- **Reduction of Duplicate Data Entry - When Time Is Money, Duplication Is a Waste.**

Eliminating duplicate data entry directly reduces labor hours, freeing up highly paid professionals to focus on higher-value tasks. By centralizing information in a single platform, teams avoid rework and manual updates across systems.



Data and Accuracy



In 2020 the construction industry lost \$1.8 trillion due to poor data management, with 14% of construction rework attributed to bad data.”

– *Beyond the Buzz: Harnessing the Power of Data Analytics in Construction (FMI, 2023)*

Before you can unlock the power of reliable, real-time information, it's crucial to spot where your current workflows might be vulnerable to errors, duplication, or blind spots. Consider the following questions:

- 1** Are your teams re-entering the same project data in multiple places, risking version mismatches and duplication?
- 2** How often do stakeholders discover they're working off outdated drawings or spreadsheets?
- 3** Do you have immediate visibility into all project documents—for both internal audits and external compliance needs?
- 4** Can you confidently produce supporting documentation for bonds, grants or FEMA reimbursements on short notice?
- 5** If leadership requested a cross-portfolio status update, could you pull accurate, up-to-date metrics quickly?

Analyze current gaps to see essential data integrity and real-time reporting.
A centralized PMIS can meet this critical need.

- **Data Integrity**

A unified platform eliminates duplicate data entry and ensures everyone is working off the most current version of project documents—the very definition of a “single source of truth.”

- **Reduction of Duplicate Data Entry**

Duplicate data entry increases the risk of inconsistencies, errors, and miscommunication—issues that are often invisible until they cause delays, change orders, or compliance failures.

- **Easily Accessible Data for Audits, Grants, and FEMA Reimbursements**

A consistent, accurate record of project information provides a clear audit trail and makes it simpler to respond to compliance or emergency funding requirements.

- **Program-Wide Visibility**

Executive-level dashboards, cross-project analytics, and portfolio-wide reporting give owners the real-time insights needed for swift, data-driven decisions—whether you’re overseeing a single capital project or hundreds across regions.



3.



Investments in technology should shift from the 'shiny objects' like drones or monitoring software to technology that streamlines and accelerates engineering, procurement, and construction."

– Delivering on Construction Productivity is No Longer Optional. (McKinsey & Co., 2024)

Stakeholder Alignment and Collaboration

Whether it's owners, GCs, or subcontractors, keeping everyone on the same page is critical to delivering on time and under budget. Consider these questions.

- 1** How often do teams chase project updates through phone calls, chats, texts or emails scattered across personal inboxes?
- 2** Are critical decisions made outside your PMIS environment, making it harder to reference them months later?
- 3** Do essential stakeholders or subcontractors sometimes get excluded from important discussions?
- 4** Are slow or siloed communications delaying approvals on RFIs, submittals, or change orders?
- 5** Is there a single, central repository for every conversation, file, or document across your entire project lifecycle?

3

Working through these questions underscores how fragmented communication can quickly derail a project. Below are a few ways a PMIS can overcome these challenges and power seamless stakeholder alignment.

- **Collaboration Efficiency**

A shared PMIS environment fosters seamless communication between owners, general contractors, subcontractors, as well as project team members, leading to fewer misunderstandings, quicker responses, and higher team productivity.

- **Real-Time Collaboration**

Instead of juggling phone calls or emails, team members can connect instantly within a single platform, linking conversations directly to relevant records (e.g., an RFI or drawing). By centralizing messages and attachments, important details are never lost in personal inboxes and can be retrieved anytime.

- **Permanent Record and Transparency**

By centralizing all project conversations and attachments, a PMIS offers lasting transparency. Instead of hunting through inboxes, teams can track decisions, see when they were made, and understand why—months or even years down the line.



4.



When it comes to improving ROI on capability projects PMIS, BIM and advanced data analytics are considered to have the greatest potential.”

– *Global Construction Survey (KPMG, 2023)*

Risk Mitigation and Process Control

From unforeseen design issues to compliance requirements (including data security), construction projects carry an inherent level of risk. A well-structured PMIS can help owners anticipate problems before they escalate into budget overruns or legal disputes. Consider the following questions:

- 1 How quickly can you identify and address potential claims or disputes across your portfolio?
- 2 Are your processes—such as contract approvals, RFIs, and change orders—standardized to minimize the chance of unauthorized modifications?
- 3 Do you have a clear, auditable record of every decision point and design change, should legal scrutiny arise?
- 4 Are compliance and data security requirements integrated into your daily workflows, or are they being tracked in separate spreadsheets or systems?
- 5 Does your close-out process fully capture warranty, maintenance, and as-built data to support long-term facility operations?

Exploring these points shows how standardized processes and automated documentation reduce both project risk and administrative chaos. Below are key areas where a PMIS can help tighten controls:

- **Close-Out Process (Asset-Centric Project Management and Asset History)**

Documenting every stage of a project—including as-built conditions, warranties, and maintenance data—reduces end-of-project chaos, helps defend against claims, and ensures a smoother turnover to facilities teams.

- **Standardized Workflows and Defensible Recordkeeping**

Automating approvals for contracts, invoices, or change orders ensures no unauthorized steps creep in. Each record is date- and user-stamped, providing a robust audit trail that safeguards owners in the event of disputes.

- **Built-In Regulatory and Compliance Checks**

Whether it's code requirements, environmental regulations, or specialized certifications, a PMIS can embed compliance checkpoints directly into workflows—helping owners and project teams stay ahead of potential penalties or rework costs.

- **Secure Cloud Platform and Access Controls**

Protecting project data is non-negotiable. A modern PMIS employs enterprise-grade security—such as encryption, role-based access, and compliance certifications—to reduce risks like data breaches and unauthorized changes. Centralized controls also provide full visibility over who's accessing information, enabling owners to respond quickly to any emerging threats. For government and federal agencies FedRAMP and GovRAMP authorized systems are a must, and for GC's and Subs working on Federal projects, these controls support CMMC compliance.



Scalability and Strategic Agility

As your business evolves—whether through increased project volume, emerging market opportunities, or shifting regulatory requirements—you need a PMIS that can keep pace. Ask yourself:

- 1 Are you confident your current systems can handle a significant jump in project volume or capital budgets?
- 2 Do new or changing compliance requirements force you to adopt separate workarounds, rather than update a single, flexible platform?

- 3 Is your team juggling multiple outdated or non-integrated solutions, hindering real-time visibility across your entire portfolio?
- 4 Does your current toolset adapt easily to new project delivery methods or internal process refinements?
- 5 Are you able to quickly configure or customize apps and workflows without heavy IT resources or lengthy development cycles?



The low degree of standardization and industrialization among teams, activities, and ways of working across projects has limited the scaling up of improvement initiatives ...”

– *Delivering on Construction Productivity is No Longer Optional. (McKinsey & Co., 2024)*

Answering these questions reveals how essential it is to have a future-proof, extensible PMIS solution that scales with your organization's changing demands. Below are a few ways Kahua can help:

- **Scalability, Speed, and Agility**

A robust PMIS can flex as your organization grows or as the market shifts, whether that means taking on more projects, scaling to larger budgets, or adapting to new compliance requirements. This shift should not take on heavy development costs or time, a low code platform can pivot with changes with ease.

- **Portfolio Health and Global View**

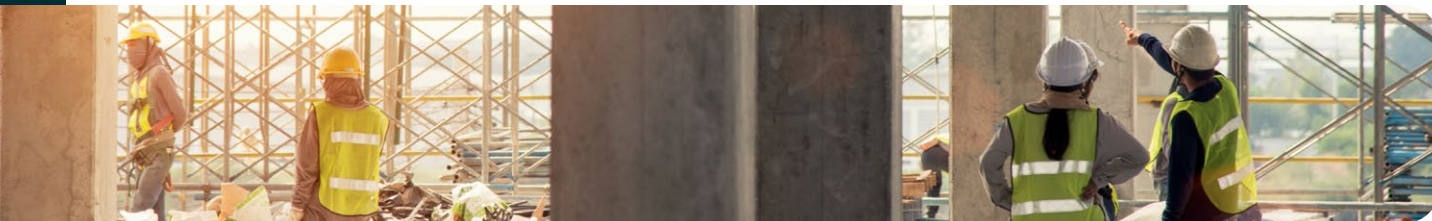
Gain an at-a-glance perspective on all active and upcoming projects, giving you real-time metrics to reallocate resources or reprioritize initiatives—especially when quick decisions can capitalize on new opportunities or mitigate sudden disruptions.

- **Low-Code /No-Code Configurability**

Kahua's platform approach makes it easier to tailor project workflows, create new apps, or modify existing ones without extensive development. This accelerates the adoption of in-house best practices and ensures the system continually adapts to your evolving processes.

- **Consolidation of Legacy Systems**

Instead of juggling multiple outdated or single-purpose tools, you can sunset existing legacy systems and unify data within Kahua. By centralizing everything under a single, flexible platform, you reduce IT overhead, streamline updates, and maintain consistent standards across your entire portfolio.



By assessing these five ROI pillars, owners gain a clear blueprint for how a PMIS delivers tangible value—from trimming costs to speeding approvals, from tightening collaboration to scaling across an entire portfolio.

The cost of doing nothing — failing to invest in a modern PMIS — doesn't keep costs flat. It silently drives them up. Disconnected teams, manual processes, and redundant data entry result in delays, rework, and risk exposure that can cost owners millions over the lifecycle of a capital program. Without a centralized system, organizations struggle to adapt to new compliance requirements, manage contractors effectively, and deliver projects on time and within budget. Inaction today means increased inefficiencies, missed opportunities, and avoidable costs tomorrow.

**Contact Us to Work
Together on Your ROI**

