



# **DRIVING RISK OUT OF CONSTRUCTION**

TRANSFORMING YOUR  
BUSINESS WITH A LOW-CODE  
WORKFLOW PLATFORM



s a construction professional, you understand the ongoing challenges that you face every day. From managing tight schedules and budgets to ensuring safety and quality standards are met, the pressure is always on.

But what happens when risks arise? Risks to timelines, budgets, safety, quality, and customer satisfaction can derail projects and ultimately impact the bottom line.

Your most important skill is catching these risks before they become a reality, but staying informed can be a challenge with outdated processes that obscure potential risks.

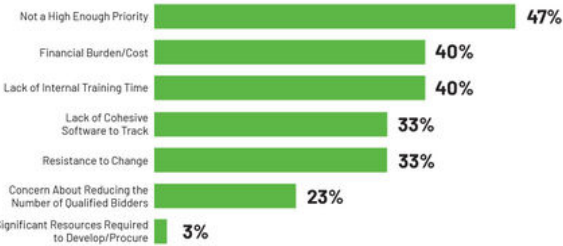
## Challenges with Manual Processes

Paper-based data collection is riddled with incomplete, inconsistent, and inaccurate information. Plus, analyzing and acting on this information is non-existent at worst, and simply delayed at best.

Though many construction firms have embraced operational workflow solutions, many contractors haven't put digital documentation as a high enough priority or think it could be a significant cost and time burden to their business.<sup>1</sup>

### Reasons Owners Do Not Contractually Specify That Contractors Use Digital Documentation and Practices More Frequently

*According to Owners Who Rarely/Never Require Contractors to Use Digital Documentation or Practices*



Further complicating your job, the data you do have is likely in disparate, non-integrated systems. According to 2019 data from Dodge Data and Analytics, 34% of contractors were still using spreadsheets and 25% are still using paper forms.

Additional data shows that most owners using digital solutions could be using up to five or more software solutions. It potentially takes hours, days, or weeks for you to run reports, gather information for claims, and analyze your job-site operations.<sup>2</sup>

## Compounding Risks: Delays, Safety, & Quality

Manual paper processes and disparate systems used to support job-site and office work are fraught with challenges – compounding risks to safety, on-time performance, and quality standards required in today’s competitive construction industry.

### Project Delays

Some of the most frequent delays in design reviews, estimate gathering, and procurement can cost tens of thousands of dollars per day. Manual, paper-based processes and disparate systems used for tracking job-site work make it difficult to meet key performance indicators (KPIs) and goals in a responsive, efficient, and uniform manner.

Frequency and Impact of Issues Associated With Specific Preconstruction Processes

	Frequency Index: Activities Identified as Root Causes for Errors/Delays	Impact Index: Degree of Negative Impact of Errors/Delays Caused by Processes
Project Intake/Request	38	75
Design Review	48	78
Estimates	42	75
Bid/Procurement	42	74
Permitting	37	69
Submittals	41	65

Think of all the time wasted because of errors and delays at the corporate office and the job-site and the negative impact that can have on your business. With a lack of actionable, timely data to drive decision-making, your ability to plan and schedule on-site work, ensure the availability of equipment and materials, and quickly address and course-correct issues is greatly hindered. The result is setbacks and adjustments that lead to damages, poor bid performance rates, and more.



## Safety Impediments

Safety is a top priority. Yet, according to OSHA, construction industry violations are among the most frequently cited. You likely have well-intentioned safety protocols to document at-risk behavior.<sup>3</sup> Yet, so many of those processes are manual. Pen, paper, and clipboards are commonly used to capture safety observation data on the job-site. Additionally, work orders must be requested via email or other manual methods to address a safety violation, which might take days or weeks to resolve.

Back at the trailer or office, this data is manually re-entered into a spreadsheet or other siloed system. This rework is not only a drain on productivity, it's error-prone, impedes your ability to identify and get out in front of trends, and slows your response time. Overall, this inefficient workflow increases your exposure to risks related to safety-related incidents, fines, and insurance premiums.



## Quality Issues

According to a recent KPMG construction industry survey, 48% of companies rank quality as a top performance measure. However, 47% of these companies say their project reporting involves separate systems that require manual reconciliation and updates.<sup>4</sup>

For your business to survive, quality is non-negotiable. Unfortunately, the typical workflow for ensuring that craft work, materials, and equipment are up to spec is managed with pen and paper. That data then must be keyed into various spreadsheets and systems through laborious data entry, often after hours. Because of the many manual touchpoints, this process is error-prone and results in a lack of visibility – hindering your ability to ensure quality measures are being met or addressed quickly. The results of this include higher defect rates and rework costs.

“Of companies that rank quality as a top performance measure, 47% say their project reporting involves separate systems that require manual reconciliation and updates.”  
-KPMG

3- [Osha Commonly Used Statistics](#)

4- [Make it or Break it: Reimagining governance, people, and technology in the construction industry](#), KPMG



# TRACKVIA, THE LEADING OPERATIONAL WORKFLOW PLATFORM

## Getting Ahead of Risks

Today, leading construction firms like yours are embracing web and mobile technologies such as TrackVia, an operational workflow platform, to quickly and easily build custom apps that address their manual processes and integrate with their disparate systems. TrackVia enables organizations to acquire, act, and analyze data in an integrated, fluid manner. With TrackVia, you can quickly identify and take action on the hidden risks that lead to safety incidents, project delays, and quality issues.

*For Coldwell Solar, approvals that once took 2-3 weeks with paper and spreadsheets, now take 2-3 hours when managed with TrackVia.*

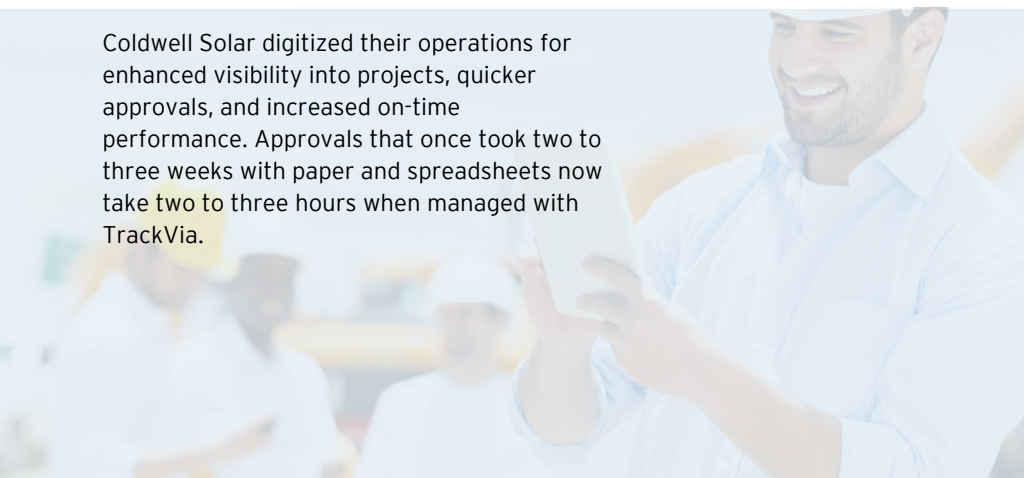
## Improve On-Time Performance

TrackVia increases your visibility and responsiveness to risks of delays as they arise. For example, with reporting based on real-time data, you can track the progress of work by employee or team in order to plan future work more accurately.

*Check out the Coldwell Solar use case.*

» **Coldwell Solar**

Coldwell Solar digitized their operations for enhanced visibility into projects, quicker approvals, and increased on-time performance. Approvals that once took two to three weeks with paper and spreadsheets now take two to three hours when managed with TrackVia.





## Reduce Safety Incidents

*Within 6 months, KSI reduced at-risk behavior by 50%!*

*Read more about KS Industries*

» [KS Industries](#)

Imagine being on-site and using your mobile phone to quickly document a safety hazard with a combination of notes, photos, and geolocation. Automatically, your entry triggers work orders to resolve the issue and is included in viewable reports across the business – all in real-time!


This scenario and more are the realities of TrackVia customers such as KS Industries (KSI). With their custom-built TrackVia mobile app, KSI collects safety observation data in real-time at the jobsite. Within six months of implementation, they reduced at-risk behavior by 50%. They have also reduced safety incidents by improving the speed and accuracy of their safety operations.

## Improve Quality

The mark of your quality work lives forever. TrackVia helps you improve quality through better data integrity, visibility, and standardization across multiple locations. Acquiring data with a custom workflow app rather than pen and paper reduces the chance of human error and improves the speed and accuracy of quality inspections.

Additionally, the ability to view and analyze reports based on real-time data collected on the job-site speeds up remediation actions. For example, with TrackVia you can send automatic triggers for maintenance work orders while on the job-site to accelerate repairs of work not done to code.

“*field organizations that transform themselves to capitalize on new technologies can generate significant gains in labor costs, productivity, and other performance metrics.*<sup>5</sup>  
-McKinsey



From your mobile device, you can view real-time reports that show when the work orders have been completed. Taking it a step further, you can also require workers to attach pictures or signatures of completed work to the work order, certifying that the fixes were done to your standards.



With TrackVia, a leading construction firm has improved the speed and accuracy of quality inspections by collecting work quality data in real-time. They not only cut their project rework rate in half, but also improved their bid win rate.

*With TrackVia, a leading construction firm cut their project rework rate by 50%*


*Watch the video about their success.*

» [Watch Now](#)

*RP Construction was able to implement a customized and improved, automated workflow in just 8 weeks.*

*Learn more from their use case.*

» [RP Construction](#)



## Grow your business

Before TrackVia, RP Construction Services used a laminated site map and up to three different software systems for their project workflows. Within 8 weeks, they implemented a custom, automated system that could incorporate Google Maps and consolidate their project documentation. They eliminated the errors of paper forms in the field by using TrackVia on mobile devices

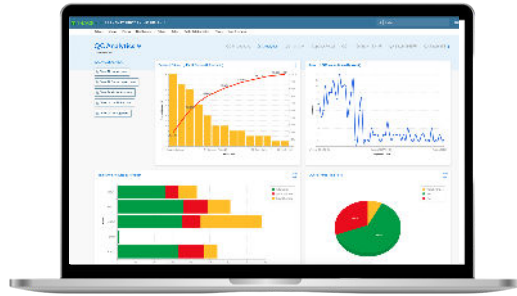
Since the implementation of TrackVia, RP Construction Services has been managing its growth, improving customer satisfaction and gaining real-time insights into the business.



# TrackVia: The Leading Operational Workflow Platform

## Improve Construction Operations

TrackVia provides a technological springboard for speeding up application development and deployment. TrackVia applications are easily and rapidly adjusted, construction companies can ensure that operational technology can always keep pace with evolving markets, customer needs, regulations, and the like.



### SEE WHAT TRACKVIA CAN DO

*TrackVia can quickly and easily digitize field operations and workflows in construction.*

*Learn more about digitizing your business with TrackVia today!*

[DEMO](#)



## Improve Data Accessibility & Quality

TrackVia allows construction managers to give access to data across departments, as well as collect, edit, and view data in a standardized manner. Project and site managers can work with more accurate data, and gain real-time reporting. This leads to data driven decision-making at every level of the business. Furthermore, increased visibility and control within the construction process and with contractors can shift a problem-solving mindset from reactive to proactive.

TrackVia is a fast, easy, and cost-effective way to transform your business. By customizing your own solutions, you can integrate your systems, centralize your data, and digitize your complex processes involving employees in multiple locations. Get ahead of risks before they become realities.





TrackVia®, the leading workflow platform, helps companies build applications that improve on-time performance and reduce costs. TrackVia offers operations leaders the fastest and easiest way to build powerful applications that are business led and IT approved. Companies like KS Industries, Coldwell Solar and RP Construction Services rely on TrackVia to digitize their operations. Learn more at [TrackVia.com](https://TrackVia.com) and book your [product demo](#), or start a [free trial](#) today!