

Streamline your projects



Manage smarter with project management and tracking software solutions made for your construction business



**Smart Construction
Field**



**Smart Construction
Office**



Manage your work projects, not paper and spreadsheets

We all know there are significant gains in profitability and peace-of-mind from better and easier construction project management. That's why we developed Smart Construction Office and Smart Construction Field — powerful project management solutions designed specifically for how construction firms work.

Smart Construction Office and Smart Construction Field enable you to:

- Schedule your work with confidence
- Allocate resources and track your production and efficiency
- See near-real time progress reporting across multiple projects

From companywide dashboards to daily site schedules and productivity tracking, Smart Construction Field and Office empower leadership at every level of your organization.

The perfect partnership

Smart Construction Field is a smart device app for field workers to track people power, machines and materials.

Smart Construction Office is a new, advanced, brand-agnostic project management software solution.

Using them together unlocks near-real-time metric reporting/tracking, as Smart Construction Field constantly feeds job site data into Smart Construction Office.

Carmen, your new assistant project manager

One of the many ways Smart Construction Office is different is by actively helping you manage your projects. We call this new AI feature Carmen, and she acts like an assistant project manager, constantly scanning and analyzing every task in every project, evaluating dependencies, finding risks, bottlenecks and inefficiencies, and then recommending solutions to help complete job site tasks and plans.

Carmen works in real time, so as you add and update projects and tasks, she evaluates each new entry against that specific project's parameters — and your other projects — and then offers recommendations to keep your projects on time and on budget.

For example, let's say your team is digging a 1,000-foot trench on a utility job. You've told Smart Construction Office that a team of one excavator operator and two labor hands can dig and lay 100 feet of reinforced concrete pipe per day. If Carmen sees in your Smart Construction Field progress data that a team is only getting 80 feet per day, she alerts you and includes suggestions for getting the job done on time, such as moving another worker onto this team. You have the exact information to remedy the issue, and once the remedy is deployed/updated, Carmen then automatically adjusts all project schedules, costs and budget impacts.

Plus, you're now more accurately tracking your crew's production for more exact project plans and bids.

Designed *with* construction pros *for* construction pros

It is critical that these smart solutions be easy, intuitive and work the way you do. So we staffed our development team with construction management professionals who understand your challenges and processes and tested it extensively with construction operations.

Smart Construction Office benefits

- **Intuitive.** Easy to integrate and manage solutions, customizable to your business
- **Robust and reliable forecasting.** Build well-planned projects that are continuously scanned and audited by our AI technology
- **Simple, powerful insights.** Receive timely information to make important decisions around workforce, equipment and material costs
- **Real-time risk assessments.** Get real-time alerts when Smart Construction Field reports to Office and identifies potential risks/delays; you also get suggestions to keep all tasks/projects on time and on budget
- **Near real-time project and budget status.** Knowing exactly where your project stands mean you can make better-informed decisions quickly.
- **Companywide view.** Manage not just a single job site, but jobs, projects and resources across your whole company
- **Brand agnostic.** No matter what color iron you're running, Smart Construction can connect production and equipment hour tracking
- **Back-office integrations.** Easily connect cost tracking and payroll to major platforms, such as Quickbooks, Sage, Foundation and Viewpoint; you can also import bids and project plans from other software



Transform your paper/manual processes with Smart Construction Field

So much of our industry still runs on paper, which is inefficient and has higher potential of error. Consider all the work your team does compiling and analyzing all that data. Smart Construction Field moves paper processes into the digital age, such as task progress and completion, timecards, equipment inspections, fuel logs, material receipts, safety reports and more. Your field workers enter data with an easy-to-use smartphone app.

Smart Construction Field alone can help you become more efficient by compiling all its data and presenting it to you in your preferred format or dashboard. But when you pair it with Smart Construction Office and its project management and predictive analytic (AI) capabilities, you can see even more benefit.



No matter where you are on your digital technology journey, our Technology Solutions Experts are ready to guide and support your adoption of Smart Construction solutions. Many used to work in operations like yours.

Learn more about Smart Construction Office and Smart Construction Field by contacting your local Komatsu distributor and/or visit:

smartconstruction.mykomatsu.komatsu to book your solution demonstration.



**Smart Construction
Field**

Scan to download the
mobile app



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