

JobSight360 Launches AI Crew Simulator, Ushering in Predictive Construction Estimating

"JobSight360's AI-powered Crew Simulator transforms estimating with predictive modeling, optimized labor planning, and real-time bid risk intelligence."

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[JobSight360](#), a next-generation construction intelligence platform, today announced the launch of its [Crew Simulator](#) Engine, marking a major milestone in the company's mission to modernize how heavy civil and industrial contractors estimate and manage construction bids.

More than a product release, the simulator represents a strategic leap: the first in a series of AI-driven modules designed to reduce risk, improve labor planning, and eliminate the costly guesswork that plagues high-stakes construction projects.

"This is a foundational piece of our platform strategy," said Kevin Cabral, founder of JobSight360. "We're not building tools—we're building a system that learns, adapts, and empowers field-smart decisions across every phase of the project lifecycle."

Solving a \$100 Billion Problem

Each year, North American contractors lose over \$100B to inaccurate bids, poor labor utilization, and schedule delays. Estimators are forced to work with disconnected spreadsheets, tribal knowledge, or software that ignores the complexity of real-world labor dynamics.

JobSight360's Crew Simulator Engine tackles this head-on with:



JOBSIGHT360

Together We Build

- AI-Backed Simulation Models that generate thousands of valid crew configurations and score them by cost, duration, and labor efficiency.
- Productivity-Based Crew Structuring, factoring in role-level productivity, span-of-control limits, and estimator-defined constraints.
- Human-in-the-Loop Optimization where estimators maintain control, reviewing top-ranked layouts instead of relying on black-box suggestions.
- Live KPIs that visualize man-hours, wage costs, utilization trends, and scheduling impacts—before a bid is ever submitted.

This is the first release in a roadmap that includes:

- Bayesian Risk Modeling
- MTBF/MTBI Prediction: From Equipment Downtime to Human-Caused Disruptions that include Safety, Environmental and Quality
- Daily Field-to-Estimate Feedback Loops
- Scenario-Based Cash Flow Planning

Positioned for Scale

JobSight360 is built for contractors handling \$10M+ project scopes in sectors like pipeline, industrial, and energy. The platform runs as a dedicated, secure SaaS instance per customer—ready for SOC 2 and ISO 27001 compliance.

With the Crew Simulator now live and pilot feedback underway, the company is actively engaging early-stage investors to accelerate product development and market entry.

“We’ve proven our ability to deliver complex, domain-specific simulation technology. Now we’re focused on scaling—fast.”

About JobSight360

JobSight360 is a predictive construction platform designed for real-world complexity. From estimation through execution, it helps contractors plan labor, manage risk, and outperform in the field. The platform now includes a complete document control and field data capture system, enabling real-time feedback into its simulators and risk engines.

Its modular architecture supports future expansion into safety, quality, fleet reliability, and predictive analytics—positioning JobSight360 as the operating system for modern construction firms.

With estimation, document control, and simulation fully integrated, JobSight360 is laying the foundation for the industry’s first closed-loop construction intelligence platform.

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