

6 Ways Data, Insights, and AI Improve Construction Outcomes

At the Oracle Customer Edge Summit 2026, panelists from Burns & McDonnell, Turner & Townsend, and Oracle shared insights on using AI in construction today. They agree: Start with real pain points, connect data, and define wins around productivity, trust, and better decisions.

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AI imperatives: construction and engineering

Reduce risk in AI adoption

Resistance is real. Leaders worry about security, privacy, and what AI means for their organizations and their data. AI adoption must be thoughtful, strategic, and controlled.



Oracle AI for construction and engineering

Use managed, proven enterprise AI

Oracle’s enterprise AI combines construction and engineering expertise with Oracle’s enterprise infrastructure, data governance, security, and privacy. It augments your teams, making data analysis accessible, supporting specialists, and aiding human-led functions.

Define what AI success means

AI presents vast opportunities. Yet many organizations struggle with where to begin, how to scale, and how to measure success. The right path, priorities, and outcomes are unique to each organization’s goals, operations, and asset management needs.



How to win with AI

Determine your specific priorities and establish clear goals and measurable outcomes for how AI can improve project and asset management, such as greater process efficiency, lower costs, improved safety, and optimized project and asset performance.

Minimize manual work

Look for the tasks people hate but still have to do, such as data re-entry, chasing updates, and routine checks that slow projects down and potentially create inconsistencies.



Automate laborious and repetitive tasks

Leverage AI to automate repetitive tasks, improve process workflows, and focus teams on higher-value work.

Improve back-office productivity

Back-office teams spend too much time pulling together data, managing processes, and ensuring that mandatory compliance requirements are met.



Support training and compliance

AI can help optimize and automate these tasks so professionals can spend time analyzing, making decisions, and providing oversight based on reliable data.

Generate insights for decisions and actions

Construction teams need a clearer, trusted view of project status, resource management, and risk before issues impact costs or schedules.



Predictive insights can improve outcomes

Predictive insights can flag issues and make recommendations before projects are affected.

Leverage analysis to make better decisions

Schedulers and project leaders need faster ways to compare options, identify safety and other risks, and adjust plans—without drowning in manual analysis.



Automate analysis and recommendations

AI can help you build base schedules, suggest alternate approaches, and surface trade-offs so teams can optimize decisions.

CUSTOMER SUCCESS

“Start with the highest value pain point. Data does not have to be perfect, and AI wins should be defined by productivity, better decisions, and less manual work.”

Josh Kanner,
Senior Director, Analytics & AI, Oracle

Explore Oracle AI in Oracle Construction and Engineering solutions

Learn how Primavera Unifier is leveraging Oracle Cloud Infrastructure AI services to automate routine tasks, surface actionable insights, display relevant data, and enable faster, smarter decisions.

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