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AI surfaces summaries of actions, status, and process details to drive work prioritization in Primavera Unifier

The importance of AI in the construction industry

The construction sector faces intense pressures: complex, multi-stakeholder projects, thin margins, tight timelines, increasing complexity and a skilled worker shortage. Owners, contractors, and project managers are turning to technology to boost productivity, manage risks, and deliver better outcomes. Among digital solutions, Artificial Intelligence (AI) stands out as a force multiplier: automating routine tasks; surfacing actionable insights; and enabling faster, smarter decisions. As construction projects become larger and more complex, AI delivers tangible advantages: enhanced efficiency, improved collaboration, proactive risk management, and stronger compliance.

Opportunity and potential benefits

- AI's application in construction is wide-ranging:
- Automate classifying, tracking, and extracting key insights from project information.
- Predict schedule bottlenecks, recommend mitigation steps, and optimize resource allocations.
- Reduce manual tasks, accelerate review cycles, and improve quality of reviews.
- Surface early warnings based on multiple data sources (without the need for human observation reporting), capture more potential safety risks and identify them earlier in the process, detect and track compliance issues and resolution.

Organizations embracing AI can reduce cost overruns, minimize delays, and improve project predictability–all while freeing valuable human capital to focus on higher-value work.

Oracle's Leadership in AI-Powered Construction

Oracle Construction and Engineering is at the forefront of this transformation. By leveraging Oracle Cloud Infrastructure's enterprise-grade AI capabilities and security, Oracle solutions—including Primavera Unifier—are empowering construction teams and owners to realize the full promise of safe, predictable, and successful project delivery and asset management. Keep reading to learn about AI-driven Workflow summarization and AI-driven Business Process summarization within Primavera Unifier.

Why Oracle?

1. Security, scalability, and performance trusted by the world's largest organizations.
2. Seamless integration of modern AI with established construction management workflows.
3. Consistent innovation and ongoing enhancements at scale.

Primavera Unifier users benefit from Oracle's commitment to robust product development and continuous improvement, receiving regular updates that instill AI advancements from Oracle Cloud Infrastructure directly into their existing project management environment, under a single licensing and security model.

Primavera Unifier AI-Driven Workflow Summarization

Construction projects generate a vast volume of communication—emails, contracts, RFIs, and approvals. Sifting through workflows and extracting key details can exhaust valuable time and attention. Primavera Unifier's AI-Driven Workflow Summarization generates concise, permission-aware summaries of workflow actions and changes—based on audit trails, field edits, comments, and attachments for each step. Users can quickly see what happened and what's next - without manually reviewing every workflow step. Take a tour of AI-driven workflow summarization.

AI-Driven Workflow summarization benefits

- Accelerates review cycles.
- Reduces errors from missed information.
- Enables faster decision-making.
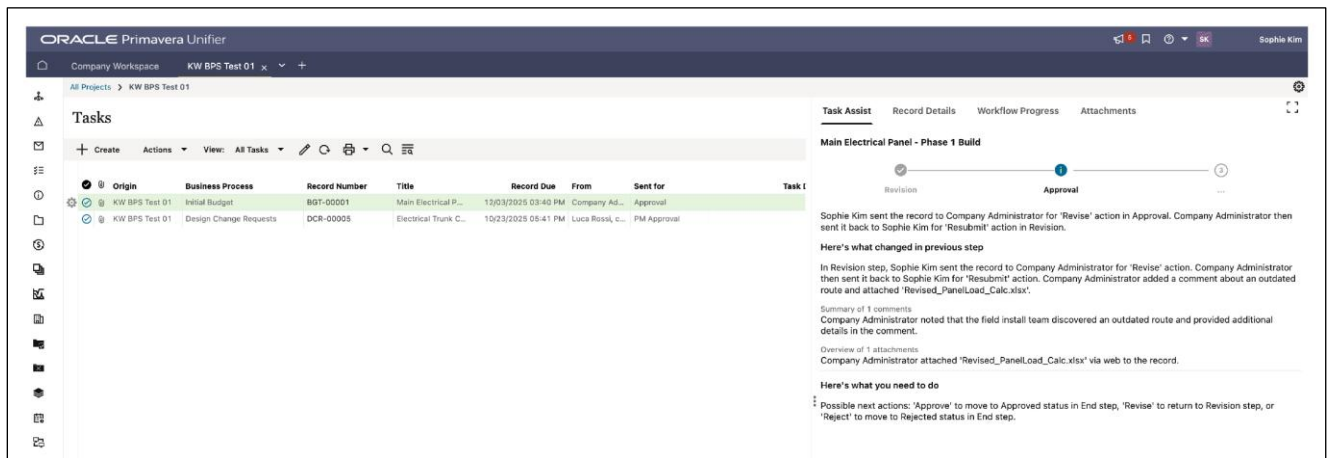- Strengthens audit readiness.

Image 1: Workflow summarization - Task Assist

AI-Driven Business Process Summarization

Hundreds of complex business processes spanning multiple steps, reviews, and participants often create information overload. Primavera Unifier leverages AI to summarize the business processes and elements within those business processes the user selects, surfacing important information in an easy to digest format. This helps ensure stakeholders have immediate access to the information they need to prioritize their work and make timely and informed decisions. Take a tour of AI-driven business process summarization.

AI-Driven Business Process summarization benefits:

- Enables on-the-spot understanding of multiple records.
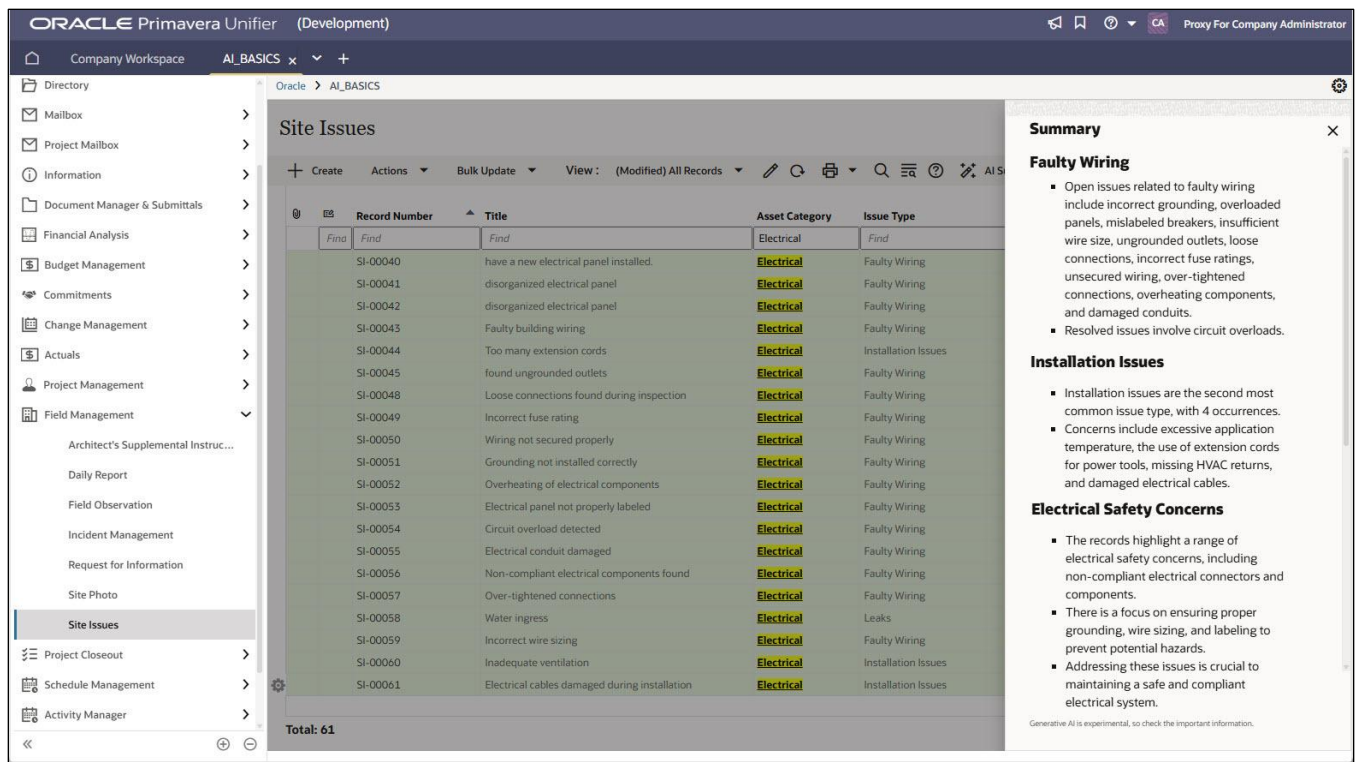- Quickly gives an analysis of multiple records for reporting, or further drill-down.

Image 2: Business process summarization – Electrical site issues summary

Note: These AI capabilities within Unifier are just the beginning. Oracle is actively developing and deploying further AI-driven capabilities across both enterprise and industry solutions. AI within Primavera Unifier will continue to improve project and asset outcomes, efficiency, and compliance—empowering teams to meet tomorrow's construction challenges, today.

Unlock the future of project and asset management with AI-powered Primavera Unifier. Discover how you can accelerate productivity, minimize risk, and gain deep project insight with Oracle's secure, intelligent cloud platform.

To learn more about Primavera Unifier, request a demo

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