

How Minitab Engage Drives Efficiency in Mining Operations

Mining operations are complex, requiring coordination across geological surveys, drilling, extraction, and processing. Minitab Engage helps mining companies streamline workflows, reduce unplanned downtime, and improve decision-making with built-in tools designed to enhance collaboration and standardize processes.

Structured Problem-Solving for Mining Success

Minitab Engage provides configurable roadmaps aligned with methodologies like DMAIC and PDCA, helping mining teams tackle challenges such as ore recovery optimization, equipment maintenance, and environmental compliance. By following a structured approach, teams can reduce process variability, minimize waste, and enhance productivity at every stage. Proactively identifying potential equipment failures and inefficiencies ensures that corrective actions are taken before downtime occurs.



Keep Projects Moving with Automated Reviews

From site assessment to mineral processing, mining projects require careful execution at each phase. Engage's automated notifications and phase reviews ensure that critical tasks—such as drilling assessments, blast planning, and safety inspections—are completed before advancing, reducing the risk of costly delays or compliance issues. By integrating maintenance schedules and condition-monitoring alerts, Engage helps prevent unexpected equipment failures that can bring operations to a halt.



All-in-One Platform for Mining Data and Tools

Engage integrates essential tools like process maps, Value Stream Maps, FMEA, and cause-and-effect diagrams in a single platform. This eliminates reliance on disconnected spreadsheets and software, allowing seamless data sharing across departments, from geological modeling to equipment maintenance scheduling.



Real-Time Collaboration Across Mining Teams

With operations spanning multiple remote sites, mining teams need a central hub for tracking projects and communicating efficiently. Engage enables real-time updates on projects such as Collision Avoidance Systems, ore blending strategies, or tailings management, ensuring that teams work with the most up-to-date information. Instant access to operational data means that downtime-related issues—whether caused by supply chain disruptions or equipment malfunctions—can be addressed immediately.



Leverage Institutional Knowledge for Smarter Decisions

Engage serves as a centralized repository for past projects, best practices, and performance insights. Whether optimizing leach cycles in gold extraction or improving conveyor belt efficiency, teams can reference prior work to implement data-driven improvements and reduce trial-and-error.



Increased Project Management Efficiency

Engage simplifies project management in mining by automating administrative tasks:

- **Faster project setup** with templates for common mining processes like drill pattern optimization and equipment reliability studies.
- **Automated dashboards** providing real-time insights into key metrics
- **Structured roadmaps** ensuring safety protocols, regulatory compliance, and production targets are met.
- **Real-time reporting** eliminating the need for manual data entry and report generation, saving valuable time in decision-making.



Minitab Engage helps mining teams execute projects with greater efficiency, reducing operational bottlenecks, and ensuring every step is optimized for success.

Talk to Minitab to learn more.

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