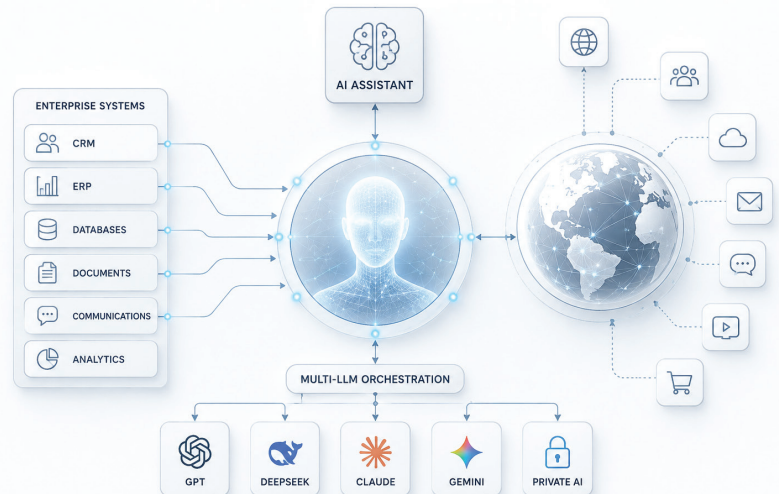


Digital Twin Intelligence for Mining Operations

FROM DIGITAL TWIN TO ACTIONABLE INTELLIGENCE

The **Mine Advisor™ AI Assistant** is an intelligent decision-support layer within the Mine Advisor™ platform. It combines Generative AI, Digital Twin technology, enterprise knowledge, operational mining data, and external intelligence through a single conversational interface. Unlike conventional AI chatbots, it operates within a continuously updated Digital Twin environment that reflects the current state of mining assets, infrastructure, operations, and projects.



THE MINE ADVISOR™ DIFFERENCE

The AI Assistant simultaneously accesses:

- Mine Advisor™ Digital Twin data
- Enterprise documents and knowledge
- Planning and operational systems
- GIS, BIM, sensor, and equipment information
- External market, regulatory, and industry intelligence

By combining trusted internal information with real-time external intelligence, it delivers context-aware insights that support better and faster decisions.

KEY APPLICATIONS

- Production planning and optimization
- Asset and infrastructure management
- Maintenance planning
- Compliance and risk monitoring
- Emergency response
- Enterprise knowledge discovery



OPEN AND FUTURE-READY

The platform is not tied to a single AI model and can incorporate GPT, DeepSeek, Gemini, Claude, private LLMs, and specialized AI agents as business requirements evolve.



BUSINESS VALUE

- Faster decision-making
- Improved operational visibility
- Reduced operational risk
- Better utilization of institutional knowledge
- Enhanced productivity and resource utilization
- Future-proof AI architecture



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A NATURAL EXTENSION OF MINE ADVISOR™

Rather than functioning as a standalone chatbot, the Mine Advisor™ AI Assistant becomes an integrated component of the Mine Advisor™ ecosystem, transforming Digital Twins into intelligent operational environments where data, knowledge, automation, and AI work together.

Turning Mining Digital Twins into Actionable Intelligence