



NATURAL RESOURCES MINING EXECUTION MANAGEMENT

FLIEL PROFITS WITH GREATER VISIBILITY FROM THE ROCK FACE TO CUSTOMER DELIVERY





ARE YOU SATISFIED WITH YOUR **ABILITY TO DRIVE PRODUCTIVITY AND EFFICIENCY ACROSS** THE ENTIRE MINING **VALUE CHAIN?**

Meet today's fluctuating commodity prices and soaring costs head on. Uncover opportunities in virtually every area of mining and logistics to adapt to market demand and commodity prices, while increasing efficiency and controlling costs. With the Mining Execution Management Industry Solution Experience you have the tools to find them.

From the mine site, through to delivery to your customers, Dassault Systèmes technology helps you improve your business by optimizing the processes that drive them to control costs and increase efficiency.

$\begin{array}{c} \text{CREATE} \\ \text{OPPORTUNITY} \end{array} \longrightarrow \text{OPTIMIZE VALUE} \end{array} \longrightarrow \text{MINE} \end{array} \longrightarrow \text{PROCESS} \longrightarrow \text{REALIZE VALUE}$
IDENTIFY + EVALUATE + DEVELOP + DESIGN + DRILL & + LOAD & HAUL + CRUSH + BENEFICIATE + RAIL + STORAGE + SHIP- INBOUND + OUTBOUND
GEOLOGY & MINE PLANNING
SCHEDULING
SIMULATION
GOVERNANCE & WORKFLOW MANAGEMENT
PRODUCTION MANAGEMENT
3D VISUALIZATION & COLLABORATION
OPERATIONAL INTELLIGENCE
SAFETY
ENVIRONMENTAL COMPLIANCE

THE MINING EXECUTION MANAGEMENT INDUSTRY SOLUTION EXPERIENCE

Dassault Systèmes gives you access to unique technologies and expertise you cannot get anywhere else. With us you can maximize economic return by unlocking the hidden intelligence needed to turn your organization into a productivity powerhouse.

Our experience in working with not only mining companies, but with some of the world's most innovative companies such as BMW, Boeing, Toyota, Samsung and many others allows us to offer you technologies that have been proven to enable truly transformational change.

At Dassault Systèmes, we provide you with the tools and capabilities which link each area of the mineral resource lifecycle together through data centralization and workflow governance. This enables you to derive value-adding decisionmaking analytics that go across the entire value chain to find ways of making processes more effective in ways you may have not considered or thought possible.

Request the white paper "Looking to Technologies Used by Other Industries to Drive Productivity and Efficiency in Mining" at **3DS.COM/GEOVIA/MINING-MEM**

MINING VALUE CHAIN BENEFITS

- Transformative 3D collaboration and visualization of models, operations, processing, and logistics enables senior mining staff to guide and assist operations from a central location.
- Holistic view of the mining value chain provides superior ability to react to changes in demand, commodity prices, and mining output.
- Advanced simulation across the mining value chain helps maximize ore recovery and economic return by identifying ways to boost productivity and efficiency from the rock face to customer delivery.
- One version of the truth across the mining value chain increases confidence in reporting and decision-making.
- Establish workflow governance and data utilization procedures to comply with reporting standards.

OPERATIONS BENEFITS

- Control costs and increase efficiency in high cost areas such as waste removal and haulage and more efficient utilization of equipment.
- Consistently produce according to plan by reconciling planned versus actual production.
- A clearer understanding of ore bodies increases confidence in the resource and reserve numbers and decreased dilution.
- Ability to develop more efficient and economically advantageous production schedules.
- Improved safety through visual communication and simulation of designs and operational processes.

Dassault Systèmes, the **3D**EXPERIENCE Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes' collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 170,000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit www.3ds.com.

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