



OptiMine® is the most comprehensive suite of digital solutions for analyzing and optimizing mining production and processes underground. It integrates with Newtrax IoT devices, delivering data from all assets, people and equipment – including non-Sandvik equipment – into one source, providing real-time and predictive insights to improve operations. OptiMine® is open and scalable, giving you the flexibility to build at your speed and incorporate a full range of equipment, systems and networks.



Learn more:
rocktechnology.sandvik/optimine

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KNOWLEDGE IS POWER UNLEASH YOUR INSIGHTS

SANDVIK OPTIMINE® SOLUTIONS



With OptiMine®, knowledge is power. You have the power to analyze and adapt your mining operations in real time.

HIGHLIGHTED FUNCTIONS FOR PREDICTING YOUR PROFITS

- Ore Grade Tracking follows up material movements in real time, increasing production quality.
- Location Based Analytics identifies bottlenecks and problem areas in your daily operations, improving your productivity and safety.
- Evacuation Assistant provides an evacuation mode showing safe routes for personnel to the nearest safe places. It helps to execute evacuation timely.
- Interface between OptiMine® and AutoMine® for complete control and analysis of automated mining equipment.

OptiMine® Analytics transforms data from mining operations into actionable predictive insights, helping you optimize the full mining process. OptiMine® Analytics is powered by IBM Watson IoT, a suite of artificial intelligence (AI) services, applications and tools.

OptiMine® Location Tracking provides real-time location data for all your resources, including Sandvik and non-Sandvik equipment, as well as personnel and material flow.

OptiMine® Task Management receives scheduled tasks and allows operators underground to immediately respond and adapt to changes in working environment.

Integrated My Sandvik Productivity provides important equipment health and productivity information in real-time. So you always know the status of your fleet including non-Sandvik equipment.

OptiMine® Mine Visualizer is a powerful 3D model of your mine and the resources in it, capable of running in a control room, underground or anywhere in the world. Either real time or historical information with Playback functionality.

OptiMine® Drill Plan Visualizer allows you to view, analyze and optimize drill plans and drilling results in an easy-to-use 3D model.

OptiMine® Scheduler is a smart graphical scheduling and resource management tool for mine development, production and maintenance activities.



SEE WHAT'S HAPPENING TOMORROW, TODAY

Understanding your data is the way to make the most of your mine's resources. But where do you start?

Sandvik OptiMine® is the most comprehensive process optimization and analytics suite for underground hard rock mining. It helps identify the pain points and bottlenecks in your operations and increase your Overall Equipment Efficiency and productivity.

OptiMine® includes Predictive Analytics, Location Tracking, Task Management, Scheduler, Drill Plan Visualizer, Mine Visualizer and Monitoring with My Sandvik Productivity, all in one smart, modular package.



PREDICT YOUR PERFORMANCE

OptiMine® gives you all the real-time and predictive insights you need to make qualified decisions based on facts. It's the easier, quicker way to make sure you are better informed to maximize operations and run a mine at its full potential.

OPEN FOR BUSINESS

OptiMine® is based on an open system architecture, which allows data integration between mining systems and equipment from different providers. It eliminates bottlenecks, streamlines operations through connectivity and increases safety by providing better awareness of mining assets and people.