



OPTIMINE® DRILL PLAN VISUALIZER

PRODUCT SHEET

OPTIMIZE YOUR MINING PROCESS

OptiMine® is an analytics and process optimization suite that offers a collection of digital solutions and accompanying Sandvik services targeted to improve the efficiency of your mining operations. Suitable for all underground mining applications and the entire mobile fleet, including other OEM equipment, the solution provides transparency of your underground operations and enables joint development of your mining process efficiency supported by our experts.

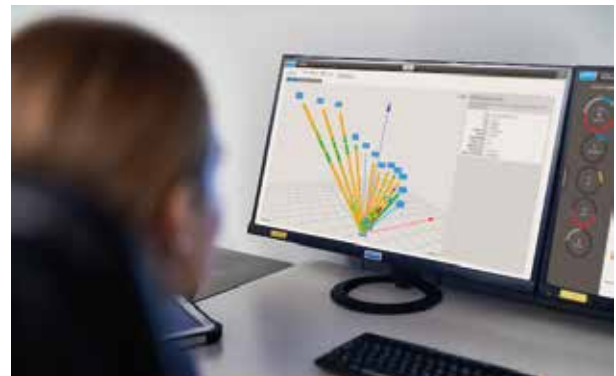
OptiMine® Analytics and process optimization solutions can be combined as needed to build up the required functionality. Built on an open architecture, the solution can be seamlessly integrated to your mine's digital ecosystem.

VISUALIZE DRILL PLANS

OptiMine® Drill Plan Visualizer is an easy to use visualization tool for longhole drilling and rock support. In the OptiMine® Drill Plan Visualizer, drill plans and drilling results are visualized in a user friendly and informative way, giving customers the necessary tools to compare drilling results to longhole drilling plans.

Printed drilling plans and bolting scenarios can easily be converted into IREDES format for upload on the drill. With a user friendly, web based user interface, information on the planned and actual drilling is available anywhere, anytime and with any device.

Transfer the drill plans to the drill, and actual, real-time drilling data is immediately available in the production control system. And, as per other OptiMine® modules, the Drill Plan Visualizer data is available for other mine IT systems.



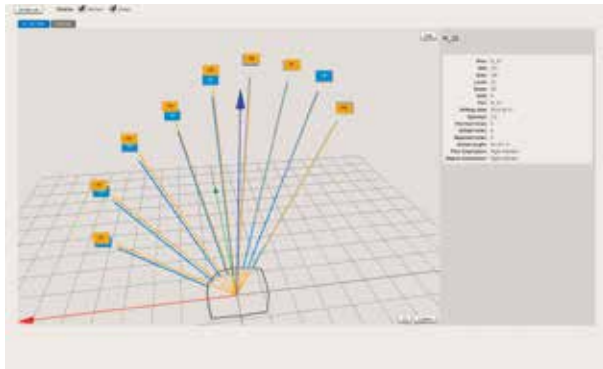
For longhole drilling, OptiMine® Drill Plan Visualizer shows existing plans and actual drilling results in a 3D format, including measurement while drilling (MWD) data, when available.

MWD data is also available in 2D graphs for more detailed, alternative analysis of the drilling results. The tool's intuitive user interface ensures that the uploading of new drilling plans is convenient and quick.

Measurement while drilling (MWD) provides real-time insight into the rock mass while drilling, which enables informed, proactive operational decisions and aids in reducing costs and improving productivity.

MWD enables optimized blast design and drill plan adjustments. Optimize your drilling and blasting using immediate data.

OptiMine® Drill Plan Visualizer is also an optimal tool in underground rock support, demonstrated by the bolting scenario reporting tool for rock support drills. Drill Plan Visualizer handles drill plans and results in IREDES format. The plans can also be exported into pdf-format, allowing effective information sharing.



IMPROVE YOUR DRILLING PROCESS

OptiMine® Drill Plan Visualizer provides the following functionalities:

- Upload drill plans easily and check plans to avoid mistakes
- Utilize "as drilled" results to optimize your mining operations
- Make decisions faster and improve planning of drilling operations
- Identify rock properties with 2D MWD data visualization
- Share information between different parties



BACKED BY SANDVIK

The transparency of equipment performance and health is essential in mining process optimization, and can be gained through a convenient information management system. As a global leading supplier of digital mining and automation solutions, Sandvik offers the right technology for your mining needs both today and tomorrow.

OptiMine® is the most comprehensive analytics and process optimization solution for mining operations. With OptiMine®, you can truly take the lid off of your underground mining operations, decrease costs, as well as increase productivity and safety.



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