# OPTIMINE®
# MINE 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 non-Sandvik 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. With open interfaces, the solution can be seamlessly integrated to your mine's digital ecosystem.

## VIEW YOUR MINE IN 3D

OptiMine® Mine Visualizer lets you see your mine from any device any time anywhere. Mine visualization enhances your ability to perceive and understand large mining environments.

Mine visualization enables users to more effectively communicate and interpret data around the current situation and future plans for the mining environment.
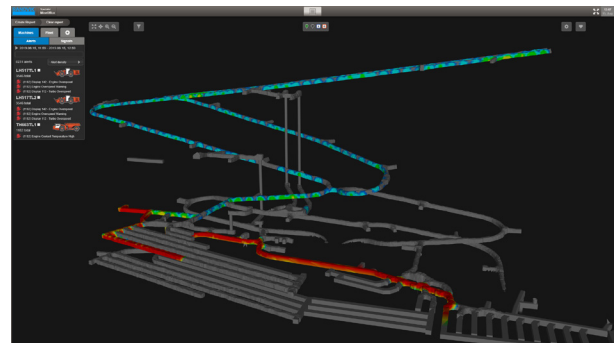
Situational awareness is improved, as information about the mine can easily be studied and understood at a glance. Mine visualization is a priceless tool in operations planning and analyzing problematic areas.

OptiMine® Mine Visulaizer can display mine plans imported from third party planning systems.



## LOCATION BASED ANALYTICS

Analyze and predict events and constraints based on where they occur. Then optimize your operations using real-time facts.



Mine visualization is from Resolute's Syama mine.

Playback functionality allows to view historical recorded data of locations and statuses of all assets and people that were underground during the selected time period.

## EVACUATION ASSISTANT

Evacuation Assistant visualizes an evacuation mode, searching for the nearest safe places underground and providing the visibility of personnel locations. It guides personnel to the nearest rescue chamber depending on their locations and rescue chamber capacities to accommodate people, making sure they were able to reach a rescue chamber safely. It helps to execute evacuation timely and to focus on things that matter

## UNLOCK THE BENEFITS

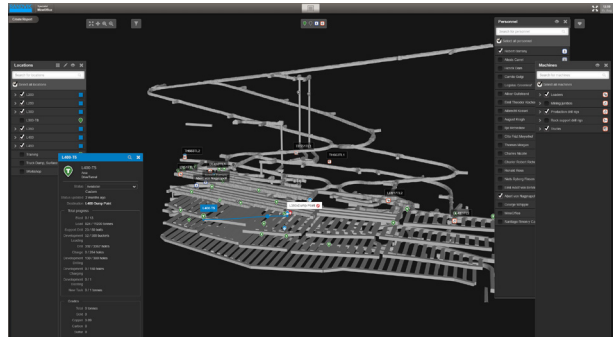Mine Visualizer gives better insight into your mine environment with the following functionalities:

– Track your resources in real time, including non-Sandvik equipment
– Improve situational awareness and productivity
– Make decisions based on accurate, real-time information

Increased access to accurate information means mining companies can make fast, fact-based decisions and ensure safer, more cost-effective mining.

## WHY OPTIMINE® MINE VISUALIZER

OptiMine® Mine Visualizer provides new ways to interpret the mine environment.

– Full integration into other OptiMine® operations management tools, such as scheduling, task management and location tracking.
– User friendly and easy-to-use tools for viewing every inch of your mine.
– Identify and resolve location-based constraints using analytics.



Mine visualization is from Resolute's Syama mine.

## BACKED BY SANDVIK

Transparency is important. Equipment health and performance are essential to mining proccess optimization. As a global leading supplier of digital mining and automation solutions, Sandvik offers a comprehensive suite of technology to meet your needs today and tomorrow.

OptiMine® is the most comprehensive suite of analytics and process optimization tools for mining. 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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