

# OPTIMINE® SCHEDULER AND TASK MANAGEMENT

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.

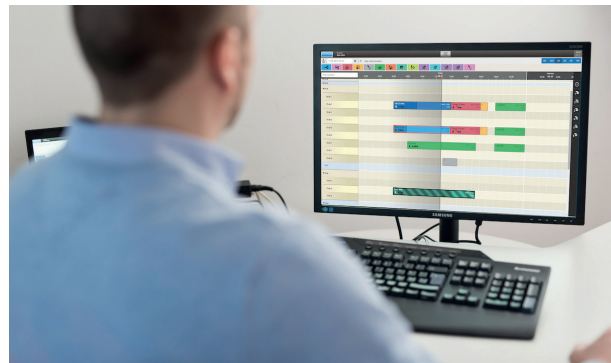
## ALLOCATE RESOURCES EFFECTIVELY

OptiMine® Scheduler is an efficient smart graphical scheduling and resource allocation tool for mine development, production and maintenance activities.

It is an ideal tool to increase your productivity through greater operational visibility and improved task management. OptiMine® Scheduler allows detailed planning, control and follow-up on mining activities in a simple and effective user interface front end.

Smart scheduling functionality allows automatic adjustment of production plans based on actual shift completion results. It substantially streamlines the process for the execution of the mine's production plan most efficiently.

With the intuitive graphical user interface, you can simply drag a task and drop it at a desired location and time in the tool, enabling short term interval control of your mining activities.



With the OptiMine® Scheduler you can increase utilization of your resources:

- Create tasks according to location
- Allocate equipment and operators to a task
- Monitor progress and task status against the plan
- Quickly update the schedule as required throughout the shift.

OptiMine® can easily be integrated with other IT systems. It is also possible to import long-term plans into Scheduler from other mine planning systems and export actual mining results for more detailed analysis.

After the tasks are created and resources are allocated, they will be automatically distributed to operators' tablets via OptiMine® Task Management.

### SHORT TERM INTERVAL CONTROL

Scheduled tasks are received on the OptiMine® Task Management tablets, allowing operators underground to respond and adapt immediately to changes in working environment.

Operators can easily manage their work with the tablet application and management can make immediate corrective actions when needed, ensuring resources are best utilized to optimize the ongoing shift results.



The tablet application provides the following functionalities:

- Receive tasks from OptiMine® Scheduler
- Update and tracking of the tasks
- Report on any delays
- See location information of equipment, people and resources
- Send text messages between operators and control room for effective information sharing.

The tablet application also includes summary views for the shift supervisor, where the status of all tasks and operators are displayed.



### BACKED BY SANDVIK

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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