



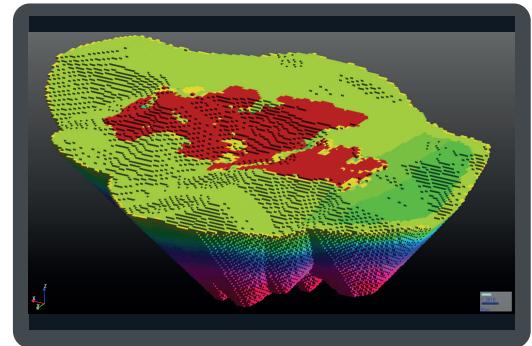
NETMine Plan

NETMine Plan – Scheduling

NETMine Plan – Scheduling is a scheduling software to deliver optimum strategic mine plans that meet all project constraints. NETMine Plan Scheduling allows users to make annual, quarterly, and monthly schedules. It allows you to make better decisions with its easy-to-use interface and efficiently managing resources, balancing production & capacity.

Scheduling Software provides;

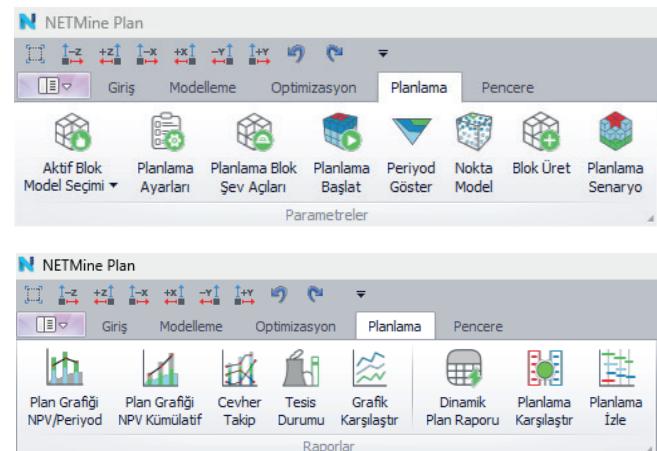
- Ribbon menu structure & easy to use interface,
- Maximize the NPV (Net Present Value) for the projects & operations,
- Create strategic plans for mining, blending and operational activities,
- Optimize the economy of new mining projects,
- Providing the correct information with dynamic reporting tools,
- Improve the efficiency in stocking and rehandling,
- Adjust scheduling periods to the mine practice with advance rate and mining widths,
- Make better decisions in the project with MILP optimization,
- Create the surfaces and blocks automatically with the 3D visualization interface,
- Experience the graphic reporting and export options,
- Make a flexible cash flow analysis and compare the scheduling results with different parameters,
- Evaluate the scheduling results dynamically with scenario interface,
- Generate and export scheduling reports in different formats.



64 Bit Infrastructure and Easy-to-Use Ribbon Menus

Scheduling usage is now much easier by using a ribbon menu and 64-bit structures. The block model result after the optimization process or other block models can be used for scheduling inputs and users can quickly start the scheduling process.

Strategic scheduling can be done by using the "Parameter" section where parameters can be entered and by using "Reports" section can generate user-defined dynamic reports.



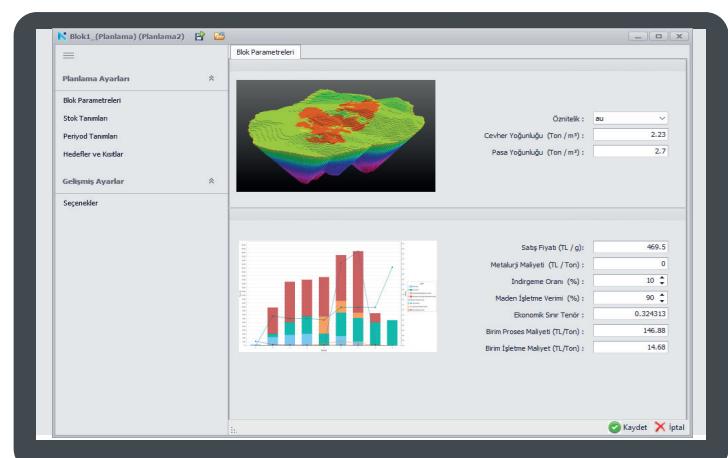
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Advanced Interfaces for Parameter and Multiple Constraint Entry

All planning parameter entries and definitions of operating & financial constraints can be made practically from a single screen.

Scheduling setting screen allows;

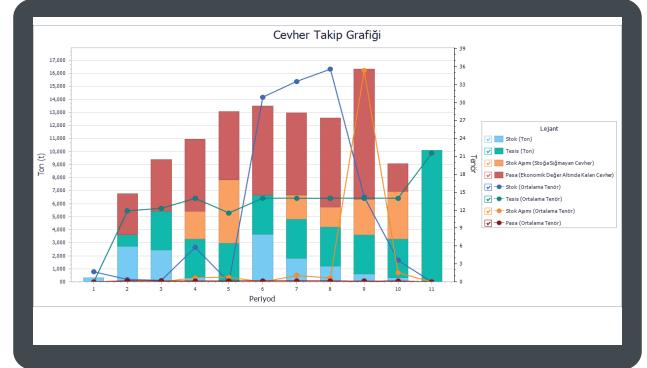
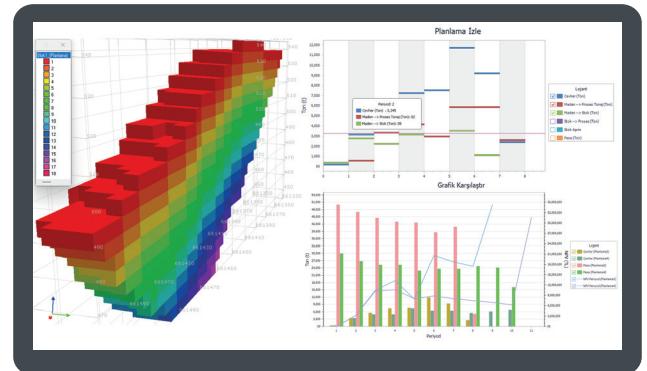
- Block parameter definition entries,
- Stock definitions,
 - Add/Remove Stock
 - Stock Capacity
 - Stock Upper and Lower Grade Limits,
- Yearly, quarterly and monthly periods can be defined,
- Targets & Constraints can be defined,
 - Mining Capacity,
 - Process Capacity,
 - Process Upper and Lower Grade Limits,
- Scheduling parameters can be saved as a *.xml and can be import/export when needed.



Advanced Reporting Tools

By using reporting tools where all planning results can be compared and user-defined report contents can be customized, up-to-date scheduling results can be evaluated.

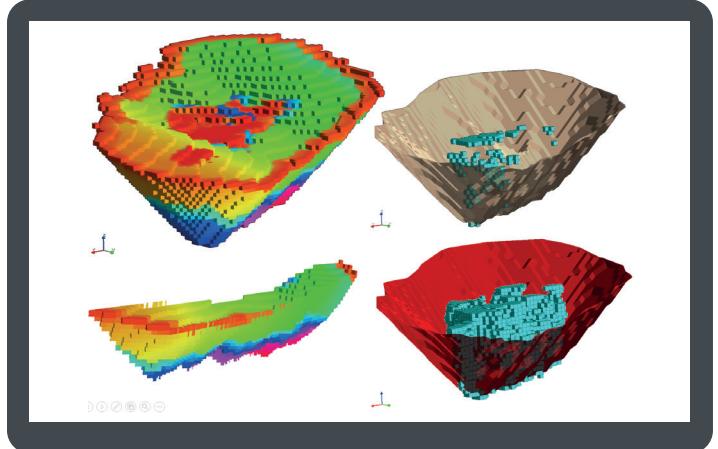
- Ore tonnage, waste tonnage, facility tonnage, and its period based grade values can be displayed with the Dynamic Plan Report and scheduling output report can be customized.
- Waste-Ore Tonnages and NPV values according to the scheduling periods can be displayed & tracked with the "Scheduling Report".
- The grade and tonnage status of ores sent to process and stocks can be traced with the "Ore Tracking Chart".
- The process status can be checked along with the amount of ore sent to the processing facility with the "Process Status" chart.
- The most suitable scheduling plan can be selected by comparing all scheduling results graphically on the dynamic screen with the "Compare Graphics" chart.
- Schedule results created can be exported as *.csv and provide a comparative result with the "Compare Scheduling" chart.
- Ore/Waste distributions and ore process/stock capacities can be displayed according to the scheduling periods with the "View the Schedule" chart.



Evaluate Scheduling Results Dynamically with the "Scenario" Feature

This is the section that displays the scheduling results as scenarios. This feature can be used to display the resulting surfaces and blocks for each scheduling period. This feature allows users to;

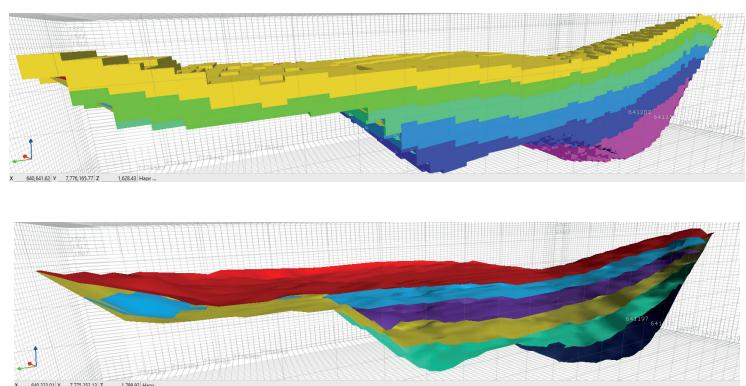
- Create the final surfaces according to each scheduling periods,
- Displays the selected ore blocks that has been sent to the process, waste or stock.
- Displays the block distributions with a slider for better management and evaluations.



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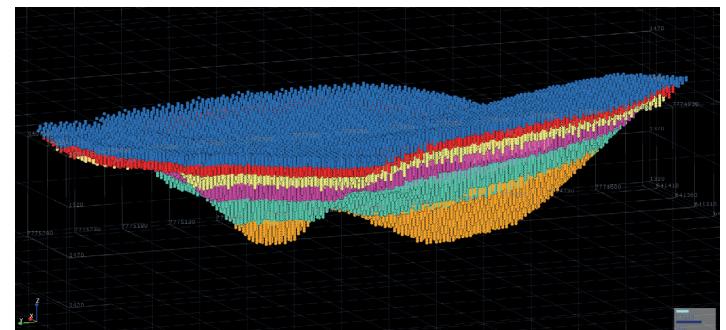
Creating Economical Surfaces According to the Scheduling Periods

Surfaces can be produced from the first moment that the production has been started on a period basis and total tonnage along with the number of blocks of these surfaces can be displayed. The stripping ratio can be calculated easily with this feature. All scheduling progresses can be tracked according to the elevations by assigning thematic colors to the surfaces produced.



Evaluating the Scheduling Results Quickly with Point Model Feature

Thanks to the "Point Model" feature that represents the blocks of the scheduling results, desired blocks can be displayed quickly by reducing processor and CPU usage, so it also contributes to the performance while other processes running in the background.



Notes

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