



Open Pit Scheduling Module

In the world of open pit mining, schedules can make the difference between profit and loss. The Gemcom Minex™ Open Pit Scheduling module takes the guesswork out of scheduling.

The Minex Open Pit Scheduling module is tailor-made for stratified deposit mines and is designed to help you optimise resources and workflows specific to ore extraction and dumping.

Unlike spreadsheets and Gantt charts, this module lets you watch an animated play back of your schedule to identify bottlenecks, resource constraints, and allocation imbalances. Animated playback simulates the movement of blasting rigs, rippers, dozers, shovels, and draglines. As you create schedules, you can perform a reality check and instantly reschedule to improve productivity and cost control.

Minex Open Pit Scheduling can be used to plan capital expenditures and resource utilisation. Open Pit Scheduling supports an unlimited number of what-if scenarios on different strategies for ore extraction,

fleet utilisation, and dumping. Graphic monitoring capabilities let you reconcile period actuals against forecasts.

Features:

- **Interactive automated scheduling.** The Minex 3D environment enables interactive scheduling with point-and-click simplicity. In any scheduling period, choose to view schedules by volume or tonnage.
- **Validation by animation.** Play animated schedules to spot bottlenecks, downtime, uneven resource allocation, and unfeasible workflows.
- **Flexible reporting.** Run predefined and customised reports. Export data to third-party programs for follow-on analyses.

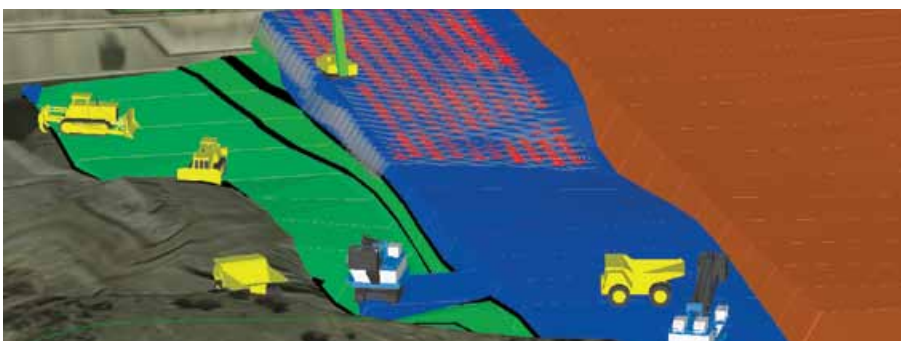
Benefits:

- **More accurate data.** Links geological model, pit design, reserves, and scheduling data seamlessly together. Using data already stored in Minex eliminates errors arising from data

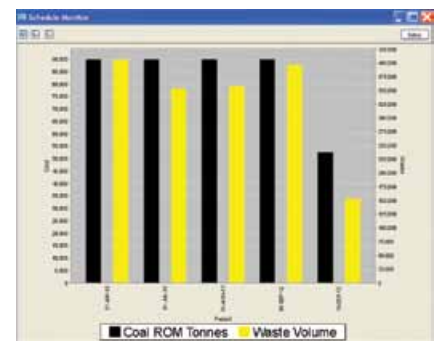
Gemcom Minex provides the best geology and mine planning tools for coal and other stratified deposits, ensuring resources are evaluated accurately and mined efficiently.

migration and ensures investment decisions are based on auditable geological data.

- **Less time on scheduling.** Eliminates the need for spreadsheets and project management tools to generate schedules.
- **More transparent schedules.** Provides intuitive graphics in a mine-planning-centric user interface, ensuring that schedules can be easily communicated and understood at a glance by mine personnel, equipment operators, managers, and other stakeholders.



Detailed Interactive Schedule progressing, with overburden blast design.



Live schedule graphical monitoring.

For more information email minex@gemcomsoftware.com or visit www.gemcomsoftware.com/minex.

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