

Strategic Mine Schedule Optimization

# MINEMAX SCHEDULER

## WHO USES SCHEDULER:

- ✓ Strategic/Long Term Mine Planning Engineers
- ✓ Enterprise Planning Engineers
- ✓ Consultants and Mine Planning Contractors
- ✓ Financial Analysts and M&A Advisory



# SCHEDULER

**Minemax Scheduler** is a best-in-class mine schedule optimization software that jointly optimizes mine schedules and associated mining, processing and transport infrastructure to deliver optimal strategic mine plans that meet all project constraints. Minemax Scheduler provides a constraint framework that lets you model and optimize your mining operations, potential new projects, mineral processing value chain and business requirements.

With Minemax Scheduler, you can optimize all aspects of your mine schedule at once, including trucking, waste dump sequence, cut-off and cut-over grades, material destinations, leach processing, and CAPEX to achieve maximum value for your business.

## KEY FEATURES AND BENEFITS

### ✓ Solving complex problems with competing options

Leverage the power of Scheduler's flexible scheduling engine to model key strategic decisions.

### ✓ Capital Expenditure Optimization

Simultaneously optimize mine schedules with multiple capex decisions

### ✓ Process plant selection

Determine the type and capacity of your process plants

### ✓ Truck fleet selection

Determine the type and size of your trucks while respecting their limited life span

### ✓ Cut-over and cut-off destination scheduling

Jointly optimize cut-off and cut-over grades with the mine schedule

### ✓ Blending

Constrain attributes and material types to optimize recovery

### ✓ Downstream Modelling of Waste Dumps and Leach Pads

Integrate your mine schedule and waste dumping or time-delayed leach processing

### ✓ User-friendly Reporting

Easy-to-use configurable reporting dashboards and exporting options

### ✓ Stockpiling and reclaiming

Add more value with smart stockpiling and reclaiming

### ✓ Multiple parallel constraints

Create a realistic plan that satisfies all your mining, processing and financial constraints

### ✓ Time-delayed leach processing

Accurately model time-delayed leach recoveries and avoid tedious manual post-processing

### ✓ Batch optimization

Automate your workflow to operate efficiently

## One of Minemax's top tier customers reported an 11% increase in net present value on a multibillion dollar project

**Using a streamlined intuitive workflow, you can quickly and easily:**

- ✓ Maximize and assess the Net Present Value for projects and operations
- ✓ Process large scheduling problems with great accuracy
- ✓ Analyze multiple economic, infrastructure and cut-off grade scenarios
- ✓ Model multiple capital expansion scenarios and optimize the economics of new mining projects
- ✓ Minimize costs by achieving smooth equipment utilization
- ✓ Verify the practicality of the sequence through animating pit development in 3D visualisation

### Minemax Scheduler Professional

*a proven and trusted  
strategic mine schedule  
optimization solution*



## CONTACT US

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