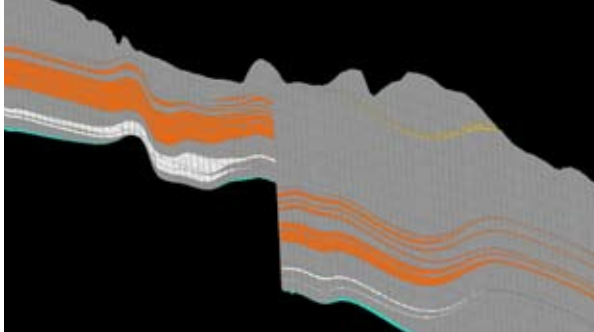


Integrated stratigraphic modelling

- From database to geological model in 5 intuitive steps
- Accurately models multi-seam deposits - split, mask, clip & manipulate options
- Honours all data - structure, quality, complex normal & reverse faults, geology, thin horizons, complex 3D pit cutbacks & mining blocks
- Stores 'unlimited' variables within blocks for reserving against any shape or solid
- Enhanced file management & security

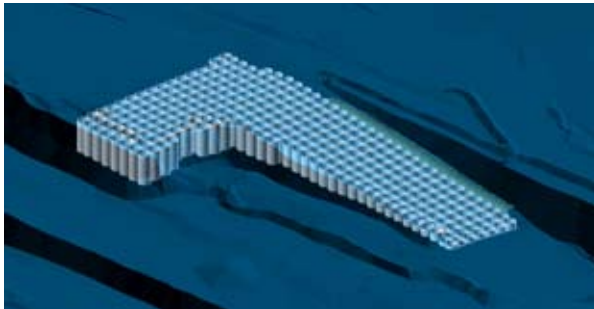


UG design with safety in mind

- Drillhole warning identifies and alerts to instabilities
- Proximity alert - check your design for existing voids
- Cost benefit analysis - better decisions based on estimated revenue of mining projects
- Global gradient tool - automatically updates design

Easy open pit blast pattern design

- Double stitching adds holes to perimeter of blast
- Recalculate blastholes to reflect changes in surface
- New hole editing options & customisable data tips



Drillhole compositing user interface

- All options together in one place
- Composite holes from bottom-top, top-bottom
- Enable breakdown by multiple tables

Block model coalescing

- Saves time, space and number of blocks
- Eliminates unnecessary detail - clearer screen display
- Reduces file size and improves performance

Grade control

- Load patterns by limiting polygon
- Block estimation scripts to minimise ore/waste calculation errors
- Populate fields using intuitive wizard
- Improved data export and reporting options

Pit optimisation

- Identify contaminants in optimisation process
- Assign dollar values back to mining blocks to save re-running scripts
- Apply a discount for benches to calculate NPV

Safety

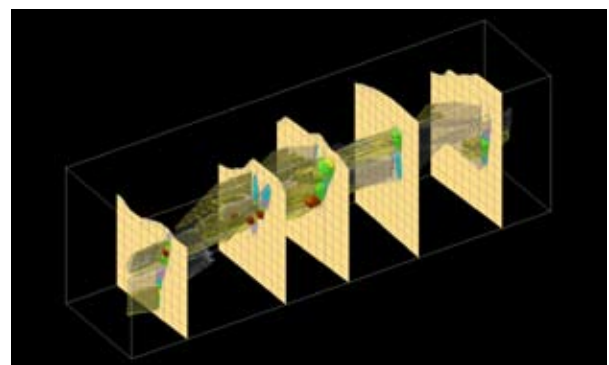
- Limit the amount mined by bench or face restriction
- Set lag between start & finish of consecutive phases

Ease of use

- Visually analyse grades throughout the mine design
- Set up and run automatic processes
- Automate crosscuts to suit haulage equipment
- Thumbnail previews - grid, triangulation & CAD data
- One panel legend editor with simple click and drag
- Floating panel for creating models
- New field file format simplifies survey connectivity
- Improved inter-operability with I-Site products

Quality

- Plot histograms against drillholes to view multiple grades and values
- Auto expand/extend triangulations in block models
- Animation of block movements in dragline design
- Terzaghi correction of geotechnical data



Make the right decisions - achieve more with Vulcan 8



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Maptek has been developing 3D software and hardware for almost 30 years. Our leading edge products help mining companies increase efficiency and profitability. Maptek Vulcan™ is one of the world's longest standing 3D mine planning and modelling packages. Maptek I-Site™ provides easy-to-use, high technology surveying solutions. Maptek MineSuite™ targets fleet management and production monitoring. Maptek products are installed at some 800 sites worldwide, and supported by our global network of 12 offices.



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VULCAN 8 LETS YOU DO MORE WITH MORE

Make the right decisions the first time - more accurate data, better results, safer mines and greater productivity.

Vulcan 8 - helping you work smarter and faster