

Deswik Suite v5.1

New features



Deswik.CAD

New tools for increased efficiency

- User interface and toolbar improvements.
- New user-defined cursor tool with multiple drawing rules for faster distance and angle queries.
- Pivot table reporting.
- Process Maps and Process Maps Layers for streamlining repetitive tasks, standardisation and quality control across various mine sites.
- Custom Object to represent Survey Stations.
- New formulae: Distance3D, Distance2D and Engineering formulas.
- New integrations:
 - Export – Comet, Minex Triangulations, Ventsim, Surpac (more types supported)
 - Import – Minescape triangulations, Database improvements, STL (for 3D printing), Surpac Binary, Ventsim, Minescape design improvements.

Pit Shell Design

- Create pit or dump shell solids wizard: new options to speed up the clean-up process required when generating pit shell slices.
- New “Select Base Polyline” function. If the polyline does not exist in the pit design layer, it prompts you to copy it across to the pit design layer, hence reducing the number of clicks.
- Projection Rules: new option “Segment Azimuth model”.
- Fillet corners on offset/projection: gives you the option to smooth/fillet corners when executing offset or projection.

Enhanced design capability

- Block model slicing improvements: display size & centroid of block model cell.
- Period Maps: Direction Attribute allowing a mining (or dumping) direction to be assigned to blocks for visualisation.
- New Arrow tool.
- Road Design: new “Delete Entities” check box to clean out specified layers before the process is run.
- Spoil Balance: ability to set “Dig volume is below elevation” and calculate the amount of post strip when the volume being mined is above the elevation.

Geological block modeling enhancements

- New fields statistics function to perform statistical calculations on a table with grouping.
- Creating Shell Surfaces from block model.
- Drillhole Planning.

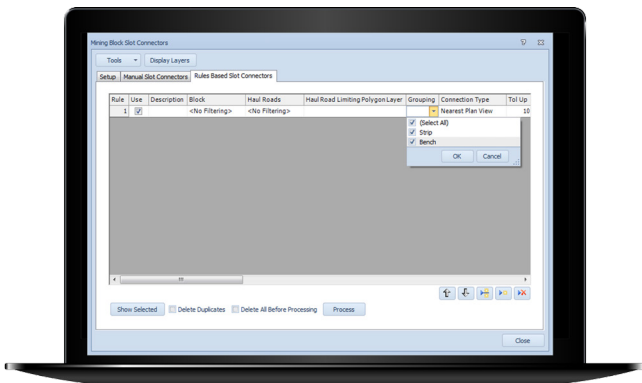
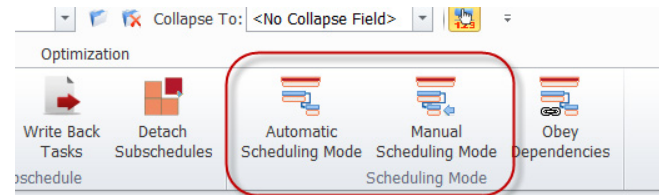


New option in pit design tool: Fillet corners on offset/projection



Deswik.Sched

- Manual Gantt scheduling will make short term scheduling a lot easier. Manually slide the tasks to happen when you want and fill in the rest with the resource leveller.
- Task incremental actuals: This new enhancement allows tracking of actuals incrementally in the Task Information form. For example, track drill footage, mined tons and development footages on a daily basis.
- Calendar import from other schedules allowing maintenance schedules to update scheduling calendars.
- P6 Primavera conversion: the Primavera Export has been replaced with a Wizard which allows mappings between Primavera and Deswik fields to be made. It provides a smooth integration between mine planning and construction teams.
- Task grid column filtering.



Deswik.IS

Survey update improvements

New options to better control how tasks can manually be set as complete, or complete tasks removed from the schedule.



Deswik.LHS

Slot connector grouping

New field in slot connection rules dialog "Grouping" allows you to select fields (which are common to the haul road and the blocks). Only blocks will only be connected to haul roads which have the same values. Instead of needing to create numerous rules filtering out matching roads and solids, you can now use a grouping field. In some landforms this means going from having 100 rules to just 2 slot connector rules.

For the full list of v5.1 enhancements to the Deswik Suite, log on to the client portal at www.deswik.com