EFFICIENTLY EXECUTE YOUR MINE PLAN
KEEP YOUR OPERATIONAL ACTIVITIES IN LINE WITH YOUR LONG-TERM GOALS

Enhanced operations planning through collaborative weekly & shift scheduling

Deswik.OPS is a web-based, operations scheduling, production data management and collaboration tool suitable for any mining type and commodity. Integrating with the organization’s longer-term schedules, Deswik.OPS enables short-term planners to rapidly create detailed, activity-based shift plans directly from the short-term schedule.

Deswik.OPS manages the progress of mining activities within the site and meets the daily requirements of:

- Short-term engineers
- Production engineers
- Shift bosses
- Control room personnel
- Site superintendents

Deswik.OPS is highly configurable and integrates with third-party production data capture systems and the Deswik suite of mine planning tools, Deswik.Sched (Gantt Chart Scheduling) and Deswik.MDM (Mining Data Management).
An Integrated Platform

Manage your operations’ activities from a single location

- Deswik.OPS is a highly configurable, web-based system.
- It provides a centralized interface enabling inputs from multiple departments (e.g. geotechnical, drill and blast).
- Third-party external systems can be configured to integrate with Deswik.OPS (e.g. asset and fleet management tools, corporate reporting solutions).
- Deswik.OPS tightly integrates with the Deswik Suite of mine planning tools.

Benefits

Keep your operational plan in line with your long-term goals

- Get the big picture view: Deswik.OPS provides a single user interface to review the combination of mine planning and production data captured from multiple sources, including automatic import from third-party fleet management systems.
- The direct integration with the short-term planners’ schedule lets you easily implement and manage your operational plan.
- Understand and efficiently manage your equipment utilization.
- Review your mine progress: plan, control and measure each individual activity in the mining process.
- Understand the impact of delays upon your schedule and take corrective actions.
- Monitor performance against the plan.
- Provides the operations management team full visibility of factors that directly influence decision-making.
- Improved communication and collaboration across the various departments.
- Increase your teams’ productivity: fast, auditable data capture.
Operations Planning

Create a shift-based weekly plan and dynamically manage shift progress

- Quickly build detailed, activity-based weekly and shift plans directly from the short-term plan, and manage the integration between longer term schedules and the operations plan.
- Convert longer term tasks into detailed activity cycles.
- Record in-shift movements and better understand the constraints within the mine for the shift being managed.
- Monitor equipment availability and utilization, and dynamically adjust the shift plan based on the impact of delays upon your schedule.
- Dynamically change a plan at the shift level and add new activities as required during the shift.
- Track and manage resource and material assignment, movements and delays.
- Rapidly build detailed activities to allow for Short Interval Control during a shift while monitoring any deviations from the longer term goals of the organization.
- Monitor progress against the plan: the shift view provides a clear picture of what is happening throughout a shift for the control room operator. Check the progress of previous shift.
- Display multiple baselines or future plans to ensure the active operations schedule follows the longer term plans.

Schedule Integration

Manage the integration between the operations schedule and the longer term schedules

- Direct integration with the short-term planners’ schedule lets you rapidly build your operations schedule. For example, you can import the first 1-3 weeks of the 12-week plan from Deswik.Sched or a third-party system.
- Use process and site-specific activity cycles along with business rules to expand your schedule into an operations schedule.
- Deswik.OPS builds on the strong foundations provided by the powerful Deswik.Sched engine to manage dependencies and business rules.
- Scheduling information and production data can be exported back to the short-term plan to update the tasks’ percentage of completion.
Track and Monitor Activity Progress

Capture production data to track progress against plans

- Throughout a shift, capture real-time data regarding shift operations, and map all collected data to activities in the schedule.
- Automatically import production data for each activity from a third-party system, or manually enter it for equipment not managed by a Fleet Management System.
- Captured production data can be used to auto-update the shift progress.
- Stores all imported or entered production data to allow reporting of planned vs actual.
- All collected data is mapped to planned activities to display progress against the plan.
- Minimize data collection at shift end by recording specific information at the end of each activity.
- Rapid, intuitive reporting.
- Build and manage your own reports with the intuitive and interactive report builder, or draw information from the Deswik.OPS SQL database using third-party reporting tools.

Collaboration

Everyone working towards the same plan

- Deswik.OPS is a web-based collaboration tool that makes a plan from a coming shift and tracks progress against the plan.
- It improves communication across shifts between all site personnel.
- Users can add structured comments about locations, activities, resources, or a shift, and add attachments to increase meaning.
- A range of configurable input views enables planning and production data input from different teams.
- Every decision made is considered, visible, and seen as understood.
- Different plan views are available for different stakeholders: location tracker and whiteboard for the shift supervisors, Gantt chart for the scheduling engineers and control room operators, dashboard reports for the management team.
- The data underlying the operations schedule is kept synchronized between the multiple views.
Our industry leading software solutions include

**Deswik.CAD** - Design & Solids Modeling  A powerful design platform with superior data handling - the next generation of planning tools for mining.

**Deswik.Sched** - Gantt Chart Scheduling  A powerful Gantt chart scheduler specifically designed to handle the challenges of mine planning.

**Deswik.IS** - Interactive Scheduler  Bridging the planning gap between designing and scheduling.

**Deswik.LHS** - Landform & Haulage  Understand material movement like never before with scenario-based modeling and analysis.

**Deswik.Blend** - Material Flow Modeling  Optimize your product value with material flow modeling for both coal and metals.

**Deswik.Agg** - Coal Seam Aggregation  Simplifying complex aggregation processes to create fit for purpose Run-of-Mine reserves.

**Deswik.SO** - Stope Optimizer  Underground stope shape optimization using the industry leading SSO v2.0.

**Deswik.ASD** - Auto Stope Designer  Automatically create mineable stopes for narrow-vein vertical mining methods.

**Deswik.OPDB** - Open Pit Drill & Blast  Fast, efficient drill and blast design for surface mining methods.

**Deswik.UGDB** - Underground Drill & Blast  Fast, efficient drill and blast design for underground mining methods.

**Deswik.SOT** - Schedule Optimization Tool  Realize more value from your resource with an NPV optimized schedule.

**Deswik.MDM** - Mining Data Management  A spatial database and process workflow management tool.

**Deswik.FM** - File Manager  Proactively manage data versioning with an integrated document management system.

**Deswik Advanced Modules**  Advanced functionality tailored to the specialized demands of the specific mining sectors.