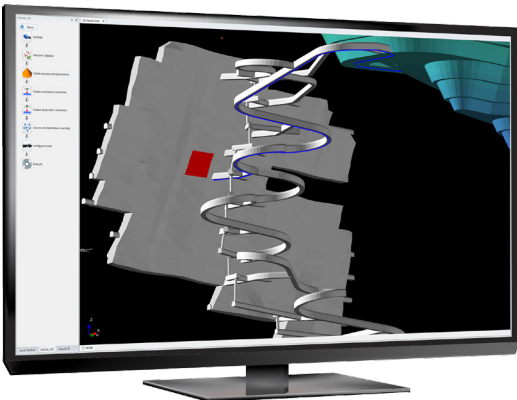




UNDERGROUND HAULAGE



Easily model your underground haulage network and schedule your operations



**Create and visualize an underground haulage network from your 3D mine model and integrate results directly with your schedule.**

Deswik.LHS for Underground lets you quickly and easily calculate the haulage metrics of your schedule and present the results in the form of 3D animations and combined reports from Deswik.Sched.

The entire process is presented in a compact, process-driven user interface to guide you through generating the input data, including creating and validating a haulage network, configuring source to destination rules, and configuring haulage assumptions.

- Step-by-step process to translate existing mine design and schedule into a haulage network:
  - Align haul network creation with the mining schedule - the haul network is released as the tunnel is mined.
  - Generate the haulage path automatically, on the fly, using an optimized path finding algorithm, which calculates the haulage route for each scheduled material movement task.
  - Report tonnes, truck cycle times and truck hours for each haulage route.
- Integrate haulage modeling results with the schedule to determine trucking requirements.
- Make more accurate cycle time calculations from rimpull curves instead of using speed or gradient assumptions.



**Simple solution**

Easy-to-use software requiring no expert knowledge of haulage modeling or setup.



**Integrated decisions**

Integrate haulage modeling results with your schedule to determine trucking requirements



**Intuitive user interface**

Process-driven user interface tailored for underground mining



**Fast**

Entire life of asset schedules can be run in a matter of minutes, using detailed rimpull calculations for haulage.