Auto Pit Design
- Automatically generate multiple pit designs from optimization outputs using a scenario-based approach.
- Visualize and compare designs to select go-forward cases.
  - Supports multiple ramp rules, exclusion zones, and geotechnical domains for wall angle and berm width rules
  - Integrated workflow from pit optimization to pit design, reserving and scheduling
  - Integrated manual pit design tools for more detailed interim designs
  - Options to rank designs using various criteria including volume deviation from optimal shell
  - Semi-automated options to fine tune and smooth automated designs

Phase Selection
- Simply create phases designs using optimized revenue shells.
- Generate best/worse case NPV reports to compare phase designs based on value.

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**Transform optimized pit shells into final pit designs**

**Deswik.SPD**
Strategic Pit Design

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**Scenario-Based**
Create and run multiple scenarios to quickly explore options

**Compare Options**
Simply compare designs and select go-forward cases using configurable metrics

**Flexible Settings**
Both automated and semi-automated modes are supported to allow manual adjustment and control

**Integrated Systems**
Integrated with Deswik’s manual pit design, reserving and tactical and strategic scheduling modules

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