

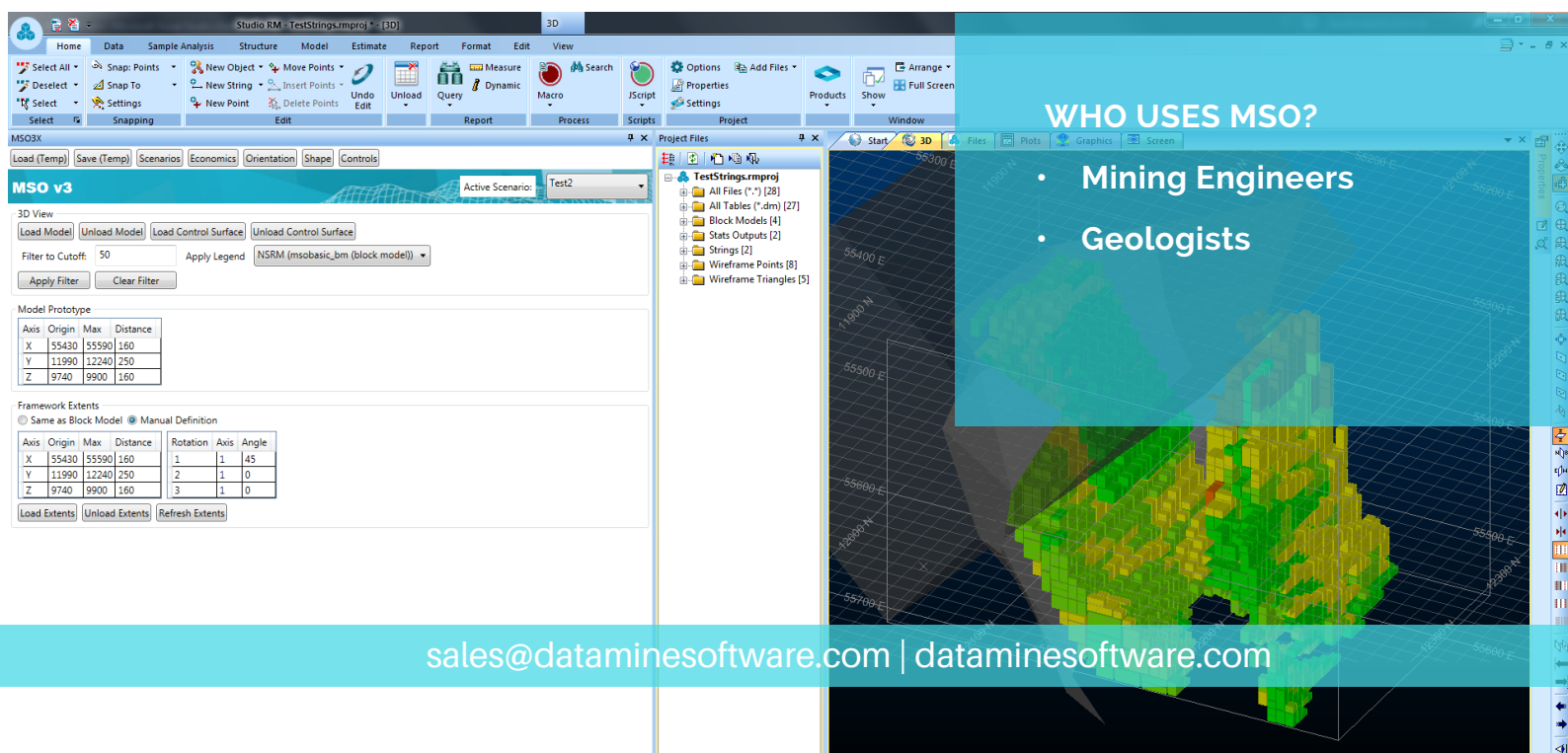
MSO (MINEABLE SHAPE OPTIMIZER)

Automatically
generate
optimized stopes

OVERVIEW

MSO (Mineable Shape Optimizer) automatically produces optimized stope designs to maximize the value of recovered ore within the given orebody geometry and design constraints.

The system supports a wide variety of underground mining methods and can quickly generate individual stope designs within a resource model.



KEY BENEFITS

- **Advanced Optimization Algorithm**
Mimics the design decisions that a mining engineer would make to rapidly produce optimal stope shapes. Compare Multiple Alternatives: Due to its speed and ease of use, MSO allows the user to quickly produce and compare multiple alternative stope designs and arrangements.
- **Simplify Orebody Analysis**
Got a new deposit? Calculating mineable reserves on an old deposit? MSO has the speed and flexibility to allow you to quickly produce the results you're after from realistic grade-tonnage curves to auditable reserves calculations.

FEATURE HIGHLIGHTS

- **Flexible stope framework options**
support both sub-vertical and flatdipping deposits.
- **Adjust stope physical constraints**, such as hangingwall and footwall dip angles, width, pillars between parallel stopes and more.
- **Evaluate the impact** of varying levels of dilution on the economics of your stopes.
- **Optimal stope shapes** can be sequenced and scheduled directly in Studio 5D Planner.

BOOK A DEMO

To book a free demo of
Datamine's MSO, contact your
local Datamine office.

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