

# MINESIGHT® BASIS GEOSTATISTICS

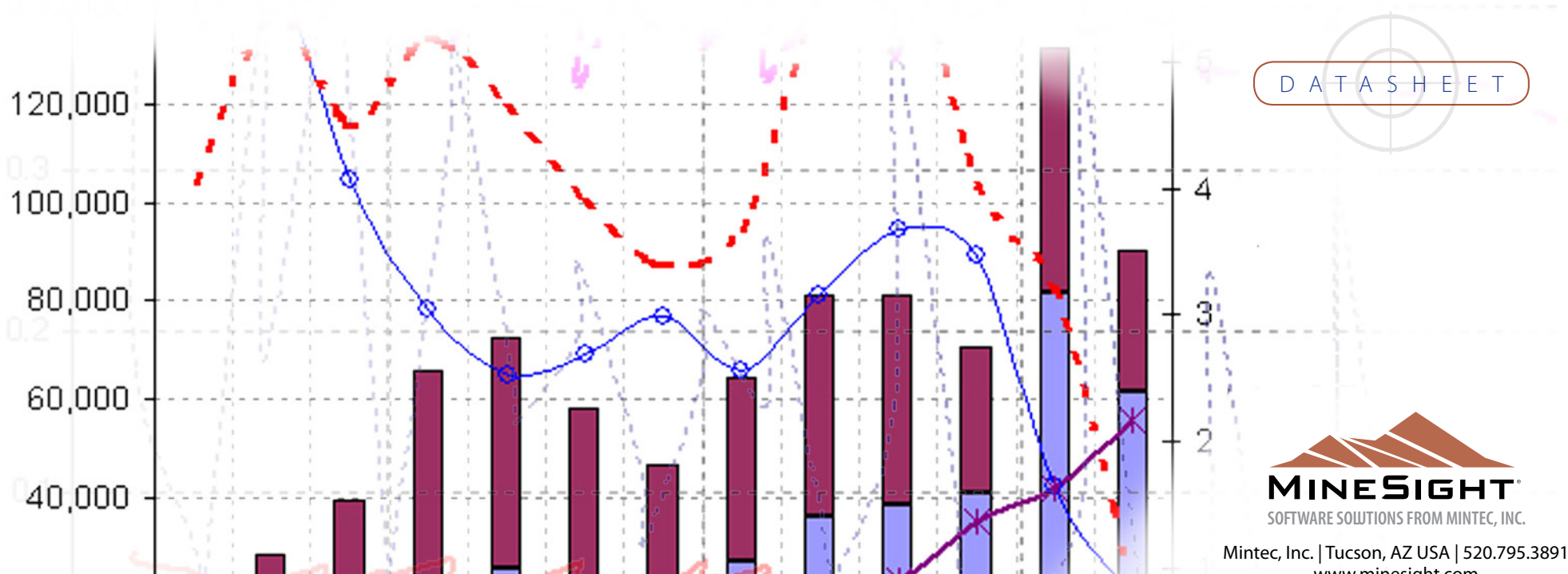
## MINESIGHT BASIS PROGRAMS FOR GEOSTATISTICAL ANALYSIS AND INTERPOLATION

### OVERVIEW

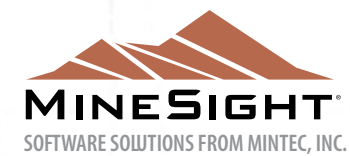
Geostatistical routines in MineSight Basis are available for interpolation and simulation of model values. From Ordinary Kriging through to Uniform Conditioning, there is a wide set of advanced interpolation tools.

### KEY FEATURES

- > Filtering and selection of data
- > Respect geology codes/matching
- > Interpolate gridded surfaces, stratigraphic models, or 3D block models
- > Multi-threaded kriging
- > Ordinary Kriging
- > Simple Kriging
- > Co-kriging
- > Lognormal Kriging
- > Multiple indicator Kriging
- > Outlier Restrictive Kriging
- > Indicator cutoff determination
- > Calculate block variance
- > Contour points for trend analysis
- > Visualize search ellipse in 3D
- > Conditional Simulation
- > Post-processing of simulation results
- > Uniform Conditioning



DATASHEET



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