

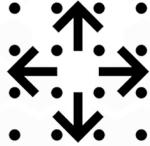
## Mine to Mill Optimization

Development of analysis methodology, blast KPI performance and plant optimization.



## Pattern Expansion

Blast pattern optimization, powder factor control and cost minimization.



## Dilution Control

Dilution control techniques, movement prediction module and geology contacts tracking.



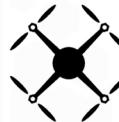
## Vibration Analysis

Attenuation law generation, signature hole analysis, and vibration monitoring.



## Drone Photogrammetry

Terrain modeling, stock volume calculation and topography analysis.



## Fragmentation Analysis

Fragmentation analysis, fragmentation prediction model and rock factor calibration.

