QUARRIES ◆ SURFACE MINES ◆ UNDERGROUND MINES ◆ CONSTRUCTION ◆ TUNNELS

AUSTIN SOFTWARE

ENSURES EFFICIENT BLASTING

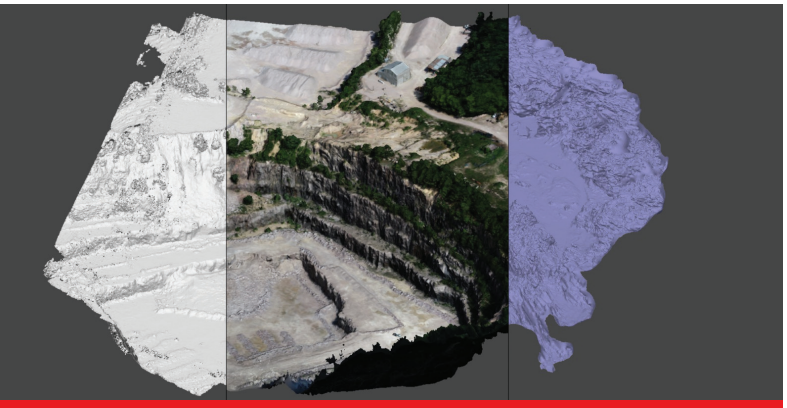
FEATURES

- FRAGMENTATION MODELING
- PPV AND PVS REDUCTION
- CHARGING AND TIMING ANALYSIS
- FLYROCK PREDICTION
- ENERGY DISTRIBUTION
- 3D BLAST MODELING
- MUCKPILE FOOTPRINT PREDICTION
- OVERPRESSURE PREDICTION

AUSTIN POWDER

AUSTIN SOFTWARE

We use the next generation of blasting software to meet your requirements and improve your blast efficiency and production. Our innovative tools and complete blast analysis are everything you need in state-of-the-art software.



SOFTWARE **CAPABILITIES**

- Create a pattern and visualize it in 3D, plan, or section views
- Show heatmap with spatial variability of any hole attribute, e.g. powder factor, charge weight, water depth, hole length, firing time, etc.
- Present as-designed minimum burden heatmap
- Update as-drilled diagram using GPS
- Update hole angles and directions using Boretrak data
- Confirm inter-pattern hole proximities
- Recheck minimum burden after drilling with 3D color mapping
- View flyrock prediction with 3D terrain imaging
- Identify directions of vibration enhancement and check for impacts in 360 degrees
- Confirm overpressure compliance with no limit on the number of receivers
- Confirm muckpile profile and check against the expected throw
- Perform pre-blast initiation animation
- Evaluate unlimited charging and timing scenarios to determine best options for vibration, overpressure, and fragmentation requirements

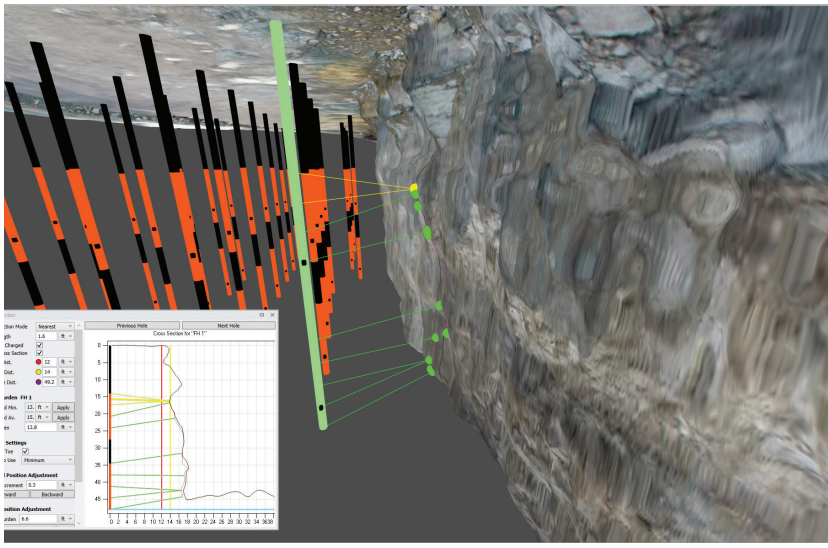
AERIAL **PHOTOGRAMMETRY**

With over 55 FAA certified drone pilots and UAV aircraft, Austin is on the leading edge in providing aerial photogrammetry for a variety of blasting and mining applications.

- 3D Blast Design Modeling
- Face Profiling
- Reserves / Inventory Analysis
- Muckpile Profiling
- Heave / Swell Quantification
- Productivity Analysis
- Blast Video Analysis

ELECTRONIC **BLAST REPORTING**

- Leading Blast Documentation Platform in the Industry
- Unparalleled Integrated Blasting Database
- Customer-Accessible Blast Performance Monitor



USED IN 1833, AND EVER SINCE.

Austin Powder is renowned for its unsurpassed customer service and its broad range of engineered solutions – from bulk trucks to underground units; emulsion technologies to electronic initiation systems; predictive vibration modeling software to optimized blast design. All solutions are developed to advance the safety, reliability, and efficiency of breaking rock.

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