

## BLASTMAP™ III

### Blast Design Software



#### PRODUCT DESCRIPTION

Complete blast planning, design and analysis software. Powerful, easy to use, flexible, accurate.

BLASTMAP™ III is a software tool for designing blast timing for use with AXXIS™. It is a powerful and modern software that allows design of the blasts from hole layouts to charge quantities, deck charging and blast timing.

## PRODUCT FEATURES

#### FEATURES

- Import survey data of the block geometry, holes and surface
- Virtually create a blast and pattern with hole diameters, adding explosive and rock types
- View a 360° rendering in 3D of a blast
- Charge and timing designs based on actual hole positions
- Calculate costs and quantities based on actual drilling information
- Use the import wizard to import any text or xls data file from 3rd party software
- Export design information to a csv file. This allows for 3rd party software such as drill navigation software for drilling according to the design
- Optimised for use with AXXIS™ electronic delay detonators
- Import/export AXXIS™ electronic detonator IDs and design timing
- Support for non-electric and electronic timing designs
- Multiple deck capability for designing specialised blasts, such as multi-seam or stratified rock, including vibration control
- Analyse blast timing using various timing simulation options
- Wave interference modelling for optimising timing for either vibration control or optimal fragmentation
- Powerful contouring capabilities for blast timing, surface and floor elevations, vibration maps and energy distribution in a blast (multi-screen display capability)
- Through-seam charge design capability including decked timing for different horizons
- Mine planning - ability to import pit surfaces and triangulate hole collar elevations
- Reporting capabilities for blast design and communicating critical design elements such as costs, quantities and energy

#### MINIMUM SOFTWARE REQUIREMENTS

- Operating system: Windows XP, Vista, Windows 7, Windows 8
- Microsoft Dot Net Framework 4.0

#### MINIMUM HARDWARE REQUIREMENTS

- Ram: 4 Gb
- Disk space: 500 Mb
- Processor: Dual Core 2.00 GHz
- Operating system type: 32 bit

#### RECOMMENDED HARDWARE REQUIREMENTS

- Ram: 8 Gb
- Disk space: 500 Mb
- Processor: Core i7 2.00 GHz
- Operating system type: 64 bit

