PRODUCT DESCRIPTION

Ideal for underground blasting operations, BLASTAR™ applies the vast potential of augmented reality to improve accuracy and reduce time taken to mark, drill and load blasting patterns.

Through improved operational transparency, BLASTAR™ technology minimizes duplication of blast preparation activities across crews allowing for increased accuracy in marking, drilling and loading, including the placement of explosive mass and detonator timing allocation.

Data obtained through BLASTAR™ is uploaded and readily available in the cloud for real-time access of pre-blast information. The analysis of pre-blast data from drilling and loading allows for identification of underperforming crews to improve overall mine performance.

DESIGN FEATURES

- Rugged AR Core smart device for seamless AR operating experience
- 12-hour battery life
- 1.5m drop rating
- Pre-approved blast design guide repository for selected round designs
- Unique blast ID and job card issued per face

BENEFITS

- Eliminates the time previously required to mark the face
- Improves accuracy of marking, drilling and charging the blast face
- Eliminates duplication of work between drilling and blasting crews
- Allows for better stock management through precise explosive mass and timing sequence per blast hole
- Monitoring of crew performance to compare planned vs actual metrics
- Improve predictability of blast results
- Improve dimensional compliance and hanging wall control
- Display and simulate blast timing and connecting sequence prior to blast