

Streamline daily workflow

Maptek BlastLogic™ streamlines daily workflow for managing drill and blast, leading to improved performance and ore recovery. This typical scenario can become a reality for your operation!

A day in the life of ...

Claire, second day on the job in a drill and blasthole dipping crew, quickly uses the Maptek™ BlastLogic™ Tablet to jot down hole depths as the other members of the dip crew yell the figures out to her.

The GPS tracks where she is on the pattern, showing the design holes in close proximity. Data entry is easy, even in the bright sunshine, and the team moves down the bench, completing the work in a single sweep. No paper pages are lost in the mud and no need to decipher illegible handwriting back in the office.

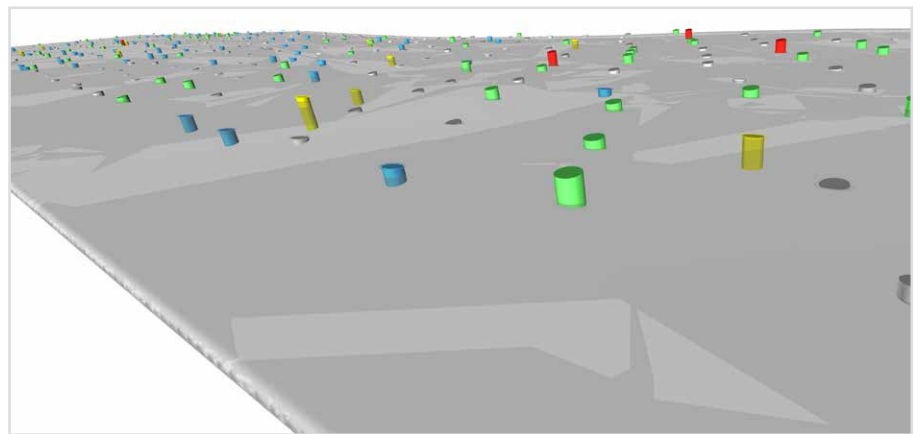
Meanwhile, surveyor Jeff sees Roy's dipping data appear on his BlastLogic application screen as the team progresses. Jeff also verifies the automated data feed from the drill navigation system, matching actual collar locations against design via a graphical view.

He signs off on all the data after inspecting the reported depths interactively in 3D on a large dual screen display. At the touch of a button, a summary report highlighting depth accuracy to plan is produced.

He emails the PDF to his boss. Another copy is printed at A3 size and pinned to the mess board to show the drill crews how they performed in the last shift.

Now that the integrity and accuracy of the drilling is verified, water table measurements from the dip crew are overlaid in 3D onto the pattern visualisation.

At a glance, it is obvious to blast superintendent Rick that wet blast product is going to be required in differing amounts for several of the holes.



Using BlastLogic software, he is able to calculate a custom charge plan for each hole based on the latest measurements of water depth, wet sides and predicted fallback.

He rotates the resulting charge plan in 3D to verify the decking and standoff distances around the mineable unit. Summary totals of products required are quickly compared to the last bench preparation.

They are spending less on product this blast than ever before and hope to continue to improve dig rates.

Rick's supervisor Brian looks at the summary report, signs off on the blast and the green light is given for loading the pattern. Rick generates charge sheets broken down by hole to match the familiar workflow of the explosive truck fleet and briefs the crew.

He shares the charge sheet with truck fleet and blast crews on the BlastLogic Tablet. The load plan is executed and the blast primed.

Rick, Roy and Jeff all want to see this one go off. Roy is confident in his measurements and knows they have been seen by the right people.

Jeff is confident that drilling accuracy is better than ever now that crews are seeing their own performance and are trying to outdo each other.

Rick is confident in his calculations and that his latest adjustments to the charging rules for this bench will see cost, safety and time targets for this blast met.

Mine manager John is seeing dig fleet numbers improve as his operation's drill and blast process is optimised with better capture of historical successes and failures, and more timely availability of current data.

A dispute over metres drilled with the drilling contractor has him asking for a report of the blast just done. Brian has it prepared in a minute using BlastLogic historical searching and analysis. The PDF report arrives in his inbox by the time he returns to his desk with a fresh coffee.