



Pioneering drill and blast improvements

Maptek™ Vulcan™ and BlastLogic™ systems are being used effectively in Mongolia to streamline planning and optimise blasting operations.

Blast LLC, one of the pioneers in the blasting industry in Mongolia, employs Maptek™ Vulcan™ Drill and Blast options alongside the Maptek™ BlastLogic™ system to optimise blasting operations.

The Vulcan drill and blast tool enables precise design and execution of drill and blast plans, customised to fit specific geological conditions. This improves fragmentation and overall efficiency.

Additionally, BlastLogic offers advanced data management and real-time analytics, allowing for better decision-making and enhanced safety protocols. Together, these technologies streamline processes, ensuring cost-effective and high-quality outcomes for every project.

Further use of the BlastLogic application will improve workflow streamlining and data analytics regarding metrics, vibration and fly rock data.

Support and collaboration

Blast LLC appreciated the support of the Maptek team in offering timely updates and guidance on utilising their software effectively.



Maptek provided comprehensive training and resources through regional reseller IT Experts LLC, which was instrumental in optimising processes and workflows. A proactive approach in addressing needs and providing tailored solutions greatly enhanced operational efficiency.

Key benefits

One of the standout benefits of working with Maptek was the significant improvement in accuracy and efficiency of drilling and blasting operations.

The integration of Vulcan and BlastLogic not only streamlined the workflow but also provided precise data analytics, resulting in better decision-making and resource management. This has led to reduced operational costs and increased safety standards.

Future outlook

Looking ahead, Blast LLC plans to further integrate Maptek technology into their operations, particularly as they expand into new pit developments and undertake geotechnical studies.

Additional Maptek solutions are under consideration, to comply with new regulatory standards and to upgrade systems. Continued partnership will be crucial as projects scale and Blast LLC seeks to enhance technological capabilities.

*Thanks to
Blast LLC
IT Experts LLC*