CASE STUDY: BLAST MOVEMENT TECHNOLOGIES


For outstanding international success in the production or primary processing of extractive and value-added minerals or energy products, mining equipment, technology and services (METS) to the minerals and energy industries.

Established in 2005, Blast Movement Technologies helps mines locate valuable ore zones after open-pit blasting, optimising the ore retrieved.

The company was founded by a University of Queensland researcher who, along with three colleagues, invented a system to measure rock movements during the blasting process. The company is now the global leader in blast movement monitoring technology and holds 11 patents.

The Blast Movement Monitoring system comprises transponders, a specialised portable detector and proprietary software. Transponders are placed in the rock prior to blasting and located immediately after. The software calculates the movement vectors to determine the ore's post-blast location. This data is archived and over time, it builds a valuable information source for geologists and companies looking to continuously improve the profitability of their mines.

Blast Movement Technologies has over 65 customers in mining operations of varying sizes, commodities, and geographies that are currently using the company's solution to make better decisions regarding ore and waste movement.

An export-focused organisation since its establishment, Blast Movement Technologies has achieved 50 per cent sales growth year-on-year. Despite the global downturn in the mining industry, in 2014–15, the company’s export revenue increased by 63 per cent, with the number of new customers increasing by 26 per cent.

Since the 53rd Australian Export Awards, Blast Movement Technologies has expanded its business in Africa and has appointed an agent in South America to service the markets of Chile, Peru, Brazil, Colombia and Argentina.

Australian Export Awards’ national judges commended the company as an excellent example of research commercialisation, noting its entry into North America's mining services industry as a major achievement.

Blast Movement Technologies found the experience of entering the Australian Export Awards raised the company's profile with different levels of government and industry, which proved useful as it entered the South American market.

Winning the Minerals, Energy and Related Services Award had a positive effect on the company. ‘The award win boosted staff motivation and morale,’ said Jacques Janse, Chief Executive Officer, Blast Movement Technologies.

This is the second year in a row Blast Movement Technologies has won the Minerals, Energy and Related Services Award.

For more information about Blast Movement Technologies visit: www.bmt.com.au