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PRESS RELEASE
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IMMEDIATE

BMT's NEW FLIGHT ENABLED DETECTOR 2.0

POST BLAST ORE LOCATION DATA COLLECTED SWIFTLY AND SAFELY

A leader in post-blast ore location and recovery, Blast Movement Technologies, part of Hexagon, today released FED 2.0. This specially fitted UAV offers a safer, more expedient solution to post-blast monitoring with improved detection depths of up to 12 metres. By adhering to strict 'stand-off' guidelines, FED 2.0 enables the swift retrieval of BMM (Blast Movement Monitor) location data post blast, without the need to walk the muck-pile.

BMT released its first UAV detector in November 2019, establishing an alternate, semi-automated solution to retrieve BMM sensor data. Like its predecessor, FED 2.0 is based on the DJI Matrice M600Pro flying platform, but now features an automated Winch mechanism to lower the detector closer to the surface and away from the main UAV body. This not only ensures greater detection depths but also lessens the interference from the motor and blades.

The Winch was developed in partnership with Australia-based, unmanned systems specialist, Insitu Pacific, a subsidiary of The Boeing Company. Insitu ensured that the new winch technology works seamlessly with the existing FED ground control software, as well as introducing several other user experience improvements.

FED 2.0 features an automated flight control and customizable flight plan. It has a built-in GNSS receiver to enhance positioning information and a vertical and horizontal collision detection system. It can also resume the mission after low battery replacement from the point where it was suspended. The on-board computer allows for immediate processing of incoming data, ensuring access to the movement data while resolving safety and environmental considerations.

"With many mines focussed on recovering more ore quickly and safely, our FED 2.0 continues our journey towards an autonomous future," said BMT CEO, Jacques Janse. "This safety aspect, along with the increased detection depths, opens up the ability to use our BMM system in more mines."

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About Blast Movement Technologies, part of Hexagon

BMT's blast movement monitoring (BMM) system, designed and manufactured in Brisbane, Australia, helps resource companies improve profitability. Our unique solution accurately measures 3-dimensional blast movement to increase ore yield and minimise loss, dilution and misclassification that occurs post-blast.

About Hexagon

Hexagon is a global leader in sensor, software and autonomous technologies. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications.

Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Hexagon's Mining division solves surface and underground mine challenges with proven technologies for planning, operations and safety.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 20,000 employees in 50 countries and net sales of approximately 3.9bn EUR. Learn more at [hexagon.com](https://www.hexagon.com) and follow us @HexagonAB.