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Hexagon opens dynamic planning window

Mining software leader Hexagon has produced a smart business intelligence display module for vital production data, extending its new flagship HxM Athena offering

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SHAPING SMART CHANGE FOR THE LIFE OF YOUR MINE

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Hexagon Mining's HxM Athena Planning is described by the company as a "performance-indicator bundle" that makes sense of production planning, grade control, fragmentation, drill operations, and plan compliance data. Business president Hélio Samora said HAP wasn't "just another dashboard-driven, business intelligence-business analytics product".

"HxM Athena uses dynamic spatial renderers to address the challenge facing all mines – data from multiple sources with no single correlated source of context or relevance," he explained. "HxM Athena empowers managers to understand what is going on in their operation across multiple areas of the mining value chain."

For example, poor excavator productivity could be related to an operator, the haulage cycle capacity, or a result of poor drill planning and blasting. If an operator was only looking at excavator dig rates, other variables could be overlooked. HxM Athena assembled all the data into a single place, allowing decision makers to see the real cause of issues and make decisions to implement smart change and improve quality and productivity.

Samora said HxM Athena used "robust data integration" to import, validate, analyse and combine data from multiple sources.

"Real-time fleet management telematics are overlaid with geological and geographical models, planning and mine-centric KPIs," he said. "By displaying the information in near real-time in a centralised location, inefficiencies are quickly exposed, allowing you to solve problems and improve productivity."

Samora said future versions of HxM Athena would address safety, production, and machine health, with links to Hexagon Mining's SAFEmine collision avoidance system and Leica Jigsaw Jmineops and Jhealth.

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