

# Announcement

## New Product – XECUTE

19 May 2015

RungePincockMinarco Limited (ASX: RUL) [RPM] has today launched XECUTE™, an ultra-short term mine planning solution, which delivers a step change in the traditional methods of mine planning, by providing a purpose built, enterprise grade, Commercial-Off-The-Shelf (COTS) execution planning solution.

XECUTE has been engineered with a “100% visual” user interface enabling users to create and maintain their mine plan through an interactive viewer, rather than using cells in a spreadsheet.

This highly visual approach to mine planning is a true communication medium and facilitates real collaboration between mining specialists including surveyors, geologists, mining engineers, production managers, maintenance managers and shift dispatchers, all within the one easy-to-use visual application.

The multi-user collaboration within XECUTE enables users who have different responsibilities within a mine to understand the impact and interrelationship of their planning requirements on both the actions of others and the mine plan as a whole, now and into the future.

Commenting on the release, Richard Mathews RPM’s CEO and Managing Director said “XECUTE is innovation in the true sense of the word. The idea for this product originated from a mine planning engineer in one of our major customers who looked outside the box to the gaming industry for an intuitive, easy to use but incredibly complete solution to use in the ultra-short term horizon for mine planning.”

“Previously, the ultra-short term horizon was dominated by one off manual spreadsheets and office whiteboards which all failed to have any linkage to the original mine plan, nor did they deliver the mining instructions to the production systems which are needed in order to deliver on that plan.”

“It became very obvious to us, this missing link was a productivity roadblock for every operation globally and as an Industry, we needed to take a fresh and innovative approach to the way in which we deliver planning solutions in this horizon.”

“Innovation is about having an idea which if realised will change the way people do things forever - and then having the courage and fortitude to invest in that idea to bring it to life. In XECUTE we were presented with an innovative idea and after sizeable investment in different technologies we finally made the breakthrough we needed. XECUTE is an enterprise mine planning application which will change the way people think about, build, manage and execute their ultra-short term mine plans.”

XECUTE turns the current process of building and maintaining a mine plan on its head. Ultra-short term mine planning has historically been about taking disparate data and information from different technical mine systems and bringing them together in a manual process to create a visual representation of the mine.

XECUTE revolutionises this process by taking the most up to-date spatial and equipment data associated with the mine, including survey data, wire frames, block models, mine faces, drill and blast patterns, the mining equipment register and maintenance schedules, and combining it with real time mine data to provide a complete 3D representation of the mine.

Due to its highly interactive and graphical nature, XECUTE enables engineers to interface with all of this data whilst observing and assessing the impact in real time of different ultra-short term scenarios or recent operational issues which may have arisen in the mine (poor blast, equipment failure etc.) on their mine plan.

Once the optimal plan is selected the associated operational instructions are immediately distributed to the operational team so that mining interruptions are minimised, equipment is better utilised and the quality/blend of the final product is optimised.

The highly visual interaction within XECUTE, which is inspired by gaming technologies, provides users with features which have never before been available in technical mine planning solutions, including touch screen

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functionality, 4D animation, context menus and a real time multi-user option which is ideal for remote operations.

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**About RungePincockMinarco:**

RungePincockMinarco Limited (ASX: RUL) is the world's largest publicly traded independent group of mining technical experts, with history stretching back to 1968. We have local expertise in all mining regions and are experienced across all commodities and mining methods.

Listed on the Australian Securities Exchange on 27 May 2008, RungePincockMinarco is a global leader in the provision of advisory consulting, technology and professional development solutions to the mining industry. We have global expertise achieved through our work in over 118 countries and our approach to the business of mining is strongly grounded in economic principles.

We operate offices in 18 locations across 12 countries.

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