

Announcement

SOT Enhancements and Functionality for Open Pit Operations

3 May 2021

RPMGlobal Holdings Limited (ASX: RUL) [RPM®] is pleased to announce the scheduled release of a number of significant improvements to its leading Schedule Optimisation Tool (SOT™).

RPM acquired SOT as part of its acquisition of Revolution Mining Software Inc. in late July 2020 to complement its existing suite of innovative design, scheduling and optimisation products.

The latest release of SOT, (SOT4) includes an extensive list of functionality enhancements designed to provide additional value to the end-user, including the introduction of open pit functionality.

SOT has long been regarded as the industry's leading strategic, financial optimisation tool for underground mines that maximises productivity and profitability outcomes by optimising the net present value (NPV) of the mine schedule. SOT4 now provides the same functionality that the underground operations have benefited from for many years to surface mining operations across all commodities.

The upgraded SOT is particularly relevant for open pit operations investigating a transition to an underground environment, with the latest release enabling end-users to identify economic considerations that will provide the optimal point for that transition to occur.

As a result, mine planners can now overcome the ongoing and time consuming process involved in determining when and how to transition from open pit to underground efficiently.

Commenting on the release RPM Chief Executive Officer Richard Mathews said, "SOT is relied upon by underground operations all over the world, and with this new release, open pit operations can now unlock greater levels of productivity and profitability."

"The ability to run multiple scenarios to find the optimal schedule that maximises revenue is critical to ensuring optimal value can be achieved."

The latest upgrade to SOT encompasses a string of other important features, including an assessment of the economic schedule in a post-processing step after the initial schedule optimisation has been completed. SOT identifies each block as 'contributing' or 'not contributing' to the highest-value pit and re-assesses the NPV of the resulting deposit.

There is also advanced blending capability whereby the mine planner can specify a set of blending constraints for each plant that defines a minimum and maximum ratio and allowable variances. The embedded stockpiling capabilities allow the end-user to specify the number of footprints to be used for stockpiles and maximum tonnages of each. SOT then determines the grade range for each stockpile and creates an overflow stockpile when necessary.

Existing users of SOT will receive the upgrade to SOT4 as part of their maintenance or current subscription package.

Mr Mathews concluded by confirming that SOT would continue to be agnostic of the scheduling software that is being used by the operation. "While there is some overlap in the software offerings of the companies that resell or use RPM's SOT solution bundled within their products, it is RPM's underlying philosophy that technological integration and seamless communication between solutions and vendors is critical to the advancement of the mining sector."

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About RPM:

RPMGlobal Holdings Limited (ASX: RUL) [RPM®] was listed on the Australian Securities Exchange on 27 May 2008 and is a global leader in the provision and development of mining software solutions, advisory services and professional development to the mining industry.

With history stretching back to 1968, RPM has been trusted by mining companies of all sizes and commodities to support their growth. Our global expertise has been achieved over the past 50 years through our work in over 125 countries and our approach to the business of mining being strongly grounded in economic principles.

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