

Press Release

RPMGlobal Releases Enterprise Optimiser (EO).

14th of February 2022

RPMGlobal (RPM) has delivered a brand-new optimisation solution with the release of a multi-site, multi-period optimiser that evaluates capital investment strategies and mine plans of multiple operations to maximise the Net Present Value (NPV) of an entire mining organisation.

EO has been built from the ground up leveraging and building upon algorithms, libraries, and intellectual property within RPM's software suite. It has been designed so that EO can look at a mining organisation in its entirety and inform capital investment decisions while also optimising the strategic mining schedule.

Current offerings generally look to optimise the NPV of individual mining operations, but they fail to recognise that those sites are often connected. Optimising connected mining operations is essential to ensuring the use of shared infrastructure and competing contractual requirements (that impact each operation differently) are taken into consideration. This needs to happen because the best option for one operation does not necessarily provide the best outcome for the organisation as a whole.

RPM's Enterprise Optimiser on the other hand is capable of handling very large, multi-operation models and has the capability to blend products not only at site but also at other points along the route, including the port. It achieves this very quickly, making it possible to study more alternatives to maximise the organisation's NPV and production capacity.

RPM's Chief Executive Officer Richard Mathews says the product solves a challenge that all multi-site organisations have attempted to solve for decades. "Our new Enterprise Optimiser optimises the key objectives of the organisation across individual mine sites and considers both the mining and processing operations at the same time. This is critical in understanding not only how the individual mine plans are related but also where the organisation gets the greatest return for shareholders from their invested capital."

Users can evaluate multiple strategic options across an organisation including potential capital investments. "What makes EO so powerful is the way we combine all of the different factors into a single model that looks at the entire problem across multiple mine sites," said Mathews. "It can assess the final products being exported from one or more ports while considering all of the logistics between the mine and the port."

EO doesn't look to just optimise across a single period or the short-term horizon, but rather to optimise across the entire life of the mine in one go. It does this for each operation simultaneously, including the mine schedule and processing plant. Throughout the process it considers the operational structure of the company so it can maximise the NPV across the whole organisation.

EO is entirely process-driven, removing the need for complex scripting while providing ease of use and visualisation of the optimised schedule. This process driven approach makes it very simple to configure reserve models and then model key factors such as mining rates, costs, and revenues. The user can define complex sequencing rules and constraints while defining objectives and product specifications. EO then allows users to analyse and visualise scheduling outcomes which will determine the optimum NPV.

Built without being limited to any individual commodity, EO can be used across any commodity, mining method and any number of sites. While it is a standalone product and can be used to optimise schedules and reserves from most mining packages, there are certainly integration advantages when paired with RPM's scheduling solutions.

EO is integrated with RPM's Enterprise Planning Framework (EPF) with users having access to features such as the model repository so that they can share and edit models. EPF also has the industry's largest

independent equipment library, corporate governance, and enterprise security amongst its numerous advantages.

Mathews says, "It's pleasing to see a product like this come to life as it genuinely solves a problem that the mining industry has been grappling with manually for years. Like our tagline says, this is advancing mining."

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About RPM:

RPMGlobal Holdings Limited (ASX: RUL) [RPM®] has been advancing the global mining industry through the provision of innovative software solutions and deep domain expertise for more than 50 years. The company brings together its technology, mining advisory and professional development services to support mining clients extract more value at every stage of the mining lifecycle. In partnership with the industry, RPMGlobal has delivered safer, cleaner and more efficient operations in over 125 countries.
