

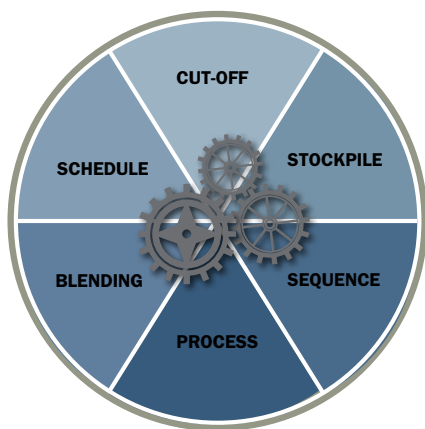


SIMULTANEOUS OPTIMISATION MODULE

Unlock hidden NPV

The Gemcom Whittle™ Simultaneous Optimisation module is the latest advancement in strategic mine planning. It allows you to unlock significant additional NPV, as much as 25%, from your projects by simultaneously optimising multiple optimisation mechanisms. By optimising the mine schedule, cut-off grade, stockpiles, and blending in a single step, the Simultaneous Optimisation module leverages the interdependencies between these mechanisms to release additional NPV. This new value is generated by combining multiple optimisation mechanisms to bring forward positive cash flows.

The Simultaneous Optimisation module makes individual optimisation mechanisms more accessible. By facilitating the optimisation over four optimisation mechanisms in a single step, the Simultaneous Optimisation module reduces the complexity of configuring each of these optimisation mechanisms independently. Further, it ensures that all optimisation mechanisms are utilised and that maximum value from the product is derived.



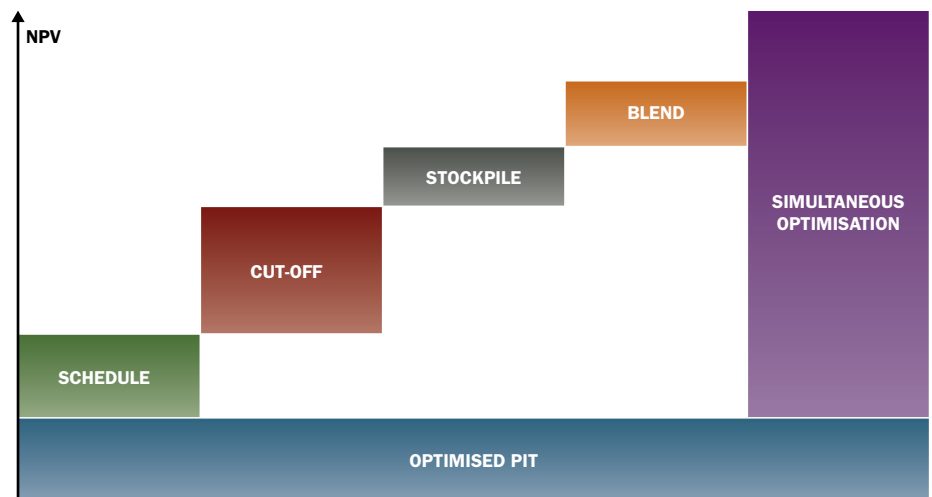
Simultaneous Optimisation leverages the interdependencies between the various optimisation mechanisms to increase overall NPV.

Benefits

- Increase NPV beyond multiple sequential optimisation mechanisms.
- Simultaneously optimise the optimisation mechanisms for cut-off, blending, stockpiling, and sequencing to create the ultimate mine schedule.
- Make individual optimisation mechanisms more accessible in a single step.
- Model existing Whittle constraints, costs, prices, recoveries, and scheduling rules.
- Use familiar Whittle workflows with powerful new algorithms.
- Analyse and report using standard Whittle outputs.

Gemcom Whittle is the world's most trusted strategic mine planning software used to determine and optimise the economics of open pit mining projects.

The Simultaneous Optimisation module provides a new method to improve project NPV as part of a standard Whittle workflow. By taking a step beyond traditional sequential optimisation mechanisms, Whittle and the Simultaneous Optimisation module can unlock hidden value in mine projects.



Simultaneous Optimisation achieves greater overall NPV in a single step than multiple optimisation mechanisms applied sequentially.

For more information email whittle@gemcomsoftware.com or visit www.gemcomsoftware.com/whittle.

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