

Comprehensive Open Pit Design & Scheduling

STUDIO OP

WHO USES STUDIO OP:

✔ Mine Planning Engineers



STUDIO OP

Studio OP is a complete design and scheduling package for the medium to short term planning of open pit mines. With its visualisation and interactive environment, **Studio OP** makes designing pits and waste dumps, preparing reserves and producing schedules an absolute breeze. The system includes optimisation routines to achieve desired financial outcomes or meet product blend specifications with minimal manual intervention.



Unique rule based Auto Pit Design for super fast analysis of alternative pit layouts.



High fidelity control over geotechnical constraints.



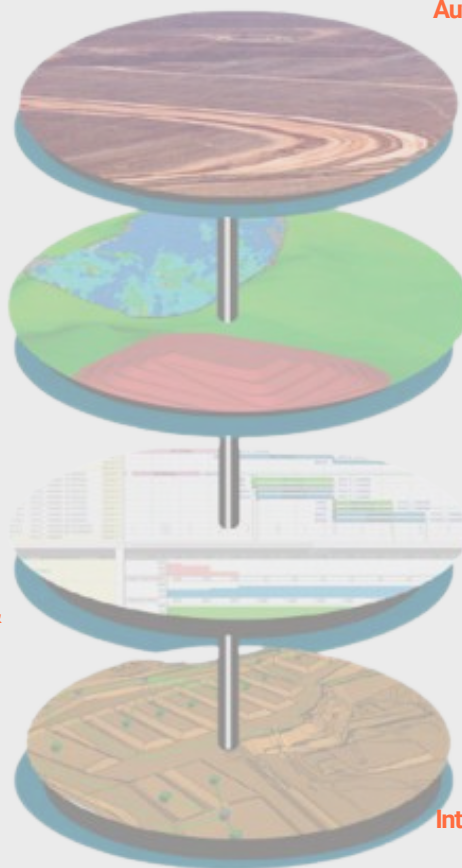
Volumetric & quantitative evaluation of pit & dump designs.



Multi-window visualisation & animation aids interpretation & communication of plans.



Sophisticated 3D mining block design constrained with by benches, mining surfaces and/or geological strata.



Auto scheduler for optimal schedules with practical loader movements.



Machine allocation & interactive scheduling.



Schedule & blend material from multiple sources whilst honouring operating constraints, haulage limitations & production targets.



Detailed haulage network definition & cycle time computation.



Option to run Auto Scheduler optimisation on the cloud.



Integration with Enhanced Production Scheduler (EPS) for very detailed operational scheduling.



CONTACT US



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