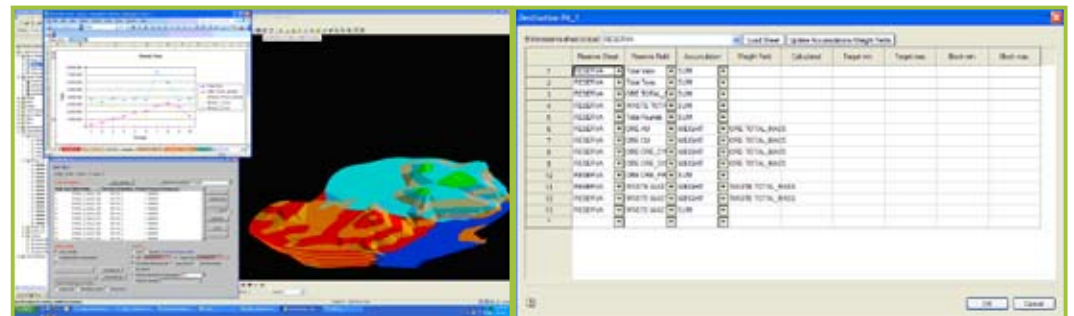


Chronos Scheduler

The functionality found in Chronos Scheduler combines intuitive logic with Maptek Vulcan™ software's powerful graphical user interface.

Customisable datasheets in Microsoft® Excel™ allow output of plans and graphs to paper.



Chronos allows users to view the schedule interactively in various ways including graphically, through the task, and in pre-defined charts in Excel. The user can quickly see results and make required changes as the schedule is developed.

HIGHLIGHTS

- Functionality in Chronos combines intuitive logic with powerful Vulcan GUI
- Chronos allows users to store, manipulate and report mine production information

Chronos works within an object-oriented spreadsheet environment to store, manipulate and report mine production information.

This environment allows dynamic analysis and feedback between the mine design, geological model and schedule. Chronos is easy to use, and has the flexibility to handle each operation's unique requirements.

The Chronos Base Scheduler can be used for short, mid and long term scheduling as well as equipment scheduling.



It allows graphical interactive scheduling of reserves using triangulations and polygons for picking, enables the user to create and edit precedence

relationships, and facilitates the creation of multiple operating calendars for individual items of equipment or resources.

Using Chronos, scheduling decisions throughout the mining operation can be visualised through 'virtual mining' and animation.

Another advantage is that key operations and business model outputs are dynamically calculated within the schedule workbook itself. The downstream implications of each scheduling decision are immediately available and can be taken into account in the scheduling process. Scheduling workbooks are easily customisable to fit any scenario.



The Period Summary Report is automatically generated in Excel for tracking KPIs during and after scheduling

Since all of the scheduling tools are integrated as menu options, formulation of macros or other specialised programs are unnecessary. In addition, key performance indicators can be formulated and monitored concurrently with scheduling.

With Chronos, powerful reporting and schedule updating utilities allow easy investigation of alternative schedule scenarios.