



Xact (for Underground Coal - UGC)

Description

Xact for Underground Coal is designed to manage short-term planning and scheduling functions in one simple package. With a tool-set that includes efficient graphical scheduling capability, multiple stockpiling options and powerful charting abilities, Xact enhances the ability to react quickly, decisively and minimise plan reworking.

The inclusion of Runge's proven underground panel layout CAD tools makes Xact for UGC the perfect package for underground coal planners and schedulers alike.

Xact for UGC helps to manage the detailed day-today mining activities that are essential to complement the medium to longer term strategic planning of a mining operation.

Application

Designed as a short-term scheduling tool kit, Xact provides a central repository for short-term scheduling data and logic.

Xact for Underground Coal can be used with XPAC, or as a stand-alone package and imports data from either XPAC and or 3rd party providers for cost effective coal mining, manning and equipment management

Users of Xact for UGC may construct, analyse and update short-term production schedules regularly using databases, Gantt charts, plots and reports.

Xact for UGC incorporates validation logic to manage non-productive tasks, maintenance schedules and outbye activities.

Benefits

The key benefits of using Xact for UGC include:

- Provision of a framework for a unified, systemised short-term scheduling process lessening rework
- Innovative software design and functionality addresses many of the limitations of spreadsheet based scheduling
- Customisable Task Templates provide quick and easy scheduling of repetitious tasks and processes such as longwall moves and panel advances
- Schedule construction and analysis by 'drag and drop' interactive Gantt charts and reporting tools provide an ideal environment in which to rapidly update and assess short-term schedules
- Inevitable prioritisation issues between production and maintenance activities are highlighted and analysed in Xact with rapid scenario analysis being available by the reporting tools
- The ability to consider delays as either scheduled in time or scheduled as part of a sequence allows detailed scheduling of tasks such as building stoppings or extending conveyors
- Custom charts allows underground operations to identify and control when personnel is over or under allocated
- Xact is evolving as a value-adding application mining and industrial applications and has a well-defined, client-driven development strategy.



About Runge

Runge Limited (Runge) is a leader in the provision of technology products, consulting services, and training courses to the global mining industry, delivering solutions and services across a range of commodities.

With expertise across a range of mining disciplines, our approach to the *business of mining* is strongly grounded in economic principles and delivering mine planning solutions that are tightly coupled with our technological support and training. Through these solutions, mining professionals gain access to technology and knowledge that allows them to optimise their business planning process. We provide expertise from corporate advisory and strategic planning through due diligence and related financial services to resource and reserves management.

Runge currently owns and operates 18 offices in 10 countries throughout the world. Our team includes Pincock Allen & Holt, Minarco-MineConsult, MRM Mining Services Pty Ltd and GeoGAS.

Runge provides people and technologies from across our global offices. We have integrated processes which ensure consistency of quality deliverables for our customers around the world. For any given project we enlist the best combination of technology and people to suit the location, commodity, scope and specialist skill requirements.

Please visit Xact online at www.xact.net.au or alternatively contact Ross Healy; ph: +61 (7) 3100 7200 or email: rhealy@runge.com.au