

# BUSINESS OPTIMISATION, FINANCIAL MODELLING AND COST REDUCTION

Add value to your operation, add confidence  
to your investment decision



Exploration Management  
Due Diligence and Technical Reviews  
Project, Concept and Feasibility Studies  
Environmental Planning and Approvals  
Infrastructure and Project Management  
Operations Planning, Design and Scheduling  
Resource Evaluation and Geological Modelling  
Business Optimisation, Financial Modelling and Cost Reduction

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**Xenith has proven it's reliability in delivering real business and risk analysis solutions for the resources sector, from concept through to definitive feasibility studies, day to day equipment maintenance costing to life of mine planning.**

Our Brisbane based team of Business Analysts and Principal Risk consultants have worked across Coal, Iron Ore, Aluminium, Oil & Gas from the Bowen Basin, Hunter Valley and Pilbara, to South Africa, Mozambique, Namibia, Iceland, Canada and USA.

## Expertise

Our team offers expertise in:

- Strategic Review
- Operational Reviews
- Due Diligence
- Investment Evaluations
- Risk Assessment
- Financial Modelling
- Cost Estimation
- Cost Reduction
- Equipment Selection
- Contract Shadow Bids
- Model Audits

## Technology

Our team has expertise in the following software:

- Designing & developing Financial models using Xeras
- Investment evaluations using Crystal Ball and @Risk
- Integration of planning tools with SAP and other ERP systems
- Designing & developing operational plans with Hyperion Planning

Software is either accessed in-house or made available by our clients.

## CASE STUDY: Xenith successfully implemented a Xeras budget model for a diversified miner to enable preparation of the 2015 budget

The project enabled a consistent and reliable budget solution for all sites. Our aim of the project was to provide a master model that would be 80% standard across all sites, with the remaining 20% being site specific modifications. The model was designed to enable data to be imported to the client's ERP system and catered for sites already using SAP and other sites on original legacy systems.

To overcome the geographic dispersion of sites the project was initially focused on four Hunter Valley operations and a single Queensland mine. The various mining approaches of the individual mines, from open cut truck/ excavator to underground bord/pillar and longwall were catered for as a single solution.

To further enhance the budget model was the development of a specific Xeras budget model for equipment maintenance, Xeras model for preparation plant maintenance and a life of mine Xeras model to enable strategic evaluation of mines.



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