

# Anglo American's Metallurgical Coal Business—Mining Case Study

*Case study on real-time planning and tracking for the mining industry*

- **The Client (Anglo American's Metallurgical Coal Business)**

Anglo American is one of Australia's leading metallurgical coal businesses with a commitment to operational excellence. Over the years, Anglo American had built a mass of interlinking spreadsheets to manage their mining projects, resources and staff.

Anglo American found themselves outgrowing their spreadsheet solutions and reaching limitations.

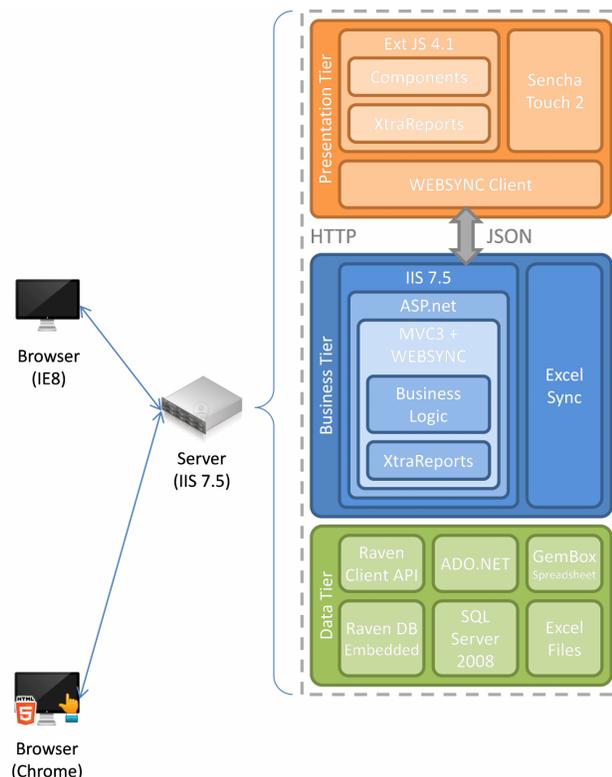
The solution needed to facilitate access by many users from different geographical locations, as well as to handle rapid schedule changes, progress tracking and integrated business intelligence.

- **The Solution**

Applications Developer put their architecture and development team through its paces, to build a state-of-the-art solution which could handle MOP-driven, real-time planning, KPI and task completion tracking, resource management, and compliance monitoring

The result was a .NET system architecture with multiple interfaces through a web and touch screen front end.

Leveraging the best technologies and proven, three-tier architecture ensured



that the operations planning, reporting and performance management requirements were met. Moreover, this approach ensures that Anglo American's future requirements will not constrict their progress toward being the safest, top producing and most profitable business.

Applications Developer's solution is in a category of its own due to its concurrent and real-time capabilities—facilities which remain accessible via simple and intuitive, drag-n-drop and touch screens that permit Managers, Schedulers, Planners and Deputies alike to work in ways never before possible.

## • **The Results**

The existing system was replaced with the Applications Developer's solution. Soon after go-live, Anglo American saw these results

- They were able to plan the mining activities very accurately and to know where and what was happening with all resources
- During active mining activity, Planners and Managers could rapidly reschedule and manage tasks, which before was not possible
- The live monitoring allowed for instant feedback to Planners, allowing accurate strategic planning.

## • **The Benefits**

- Ability to produce real-time reports on progress and status for management
- Facility to create and measure analytics for tracking progress against Key Performance Indicators
- Improved efficiency to plan and output
- Capacity to manage Frontline Supervisor and Crew Performance.

Want to know how we can help you?



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