



## Success Story

### UK Based Mining Company

#### Benefits

Profit Point's Oracle based Planning and Distribution Solution replaced the existing bulk transportation and carrier vessel scheduling processes and allowed this mining company to improve their planning and distribution processes.

- Less time crunching numbers and doing manual data manipulation
- More time doing analytical work and what-if scenarios
- Better overall visibility of the processes to let more people to see the results
- Integration of the underlining costs for developing alternative scenarios
- Automation and mechanizing of data input and output
- Better summary reporting and visual analysis
- Quicker understanding the impact of management's production decisions.

#### Background

Profit Point was selected by the Planning and Distribution business unit of Rio Tinto Borax, one of Rio Tinto Group's industrial minerals subsidiaries, who operates the largest open pit mine in California, to improve the structure and performance of their existing supply chain processes. The production scheduling and planning process is strategic to Borax's operations and planning activities. The goal of the production scheduling and planning process is to serve all demand in a low-cost, efficient manner. The resulting plans and multiple what-if scenarios are shared with management and operations to make decisions about vessel arrival dates, inventory targets, etc. The final schedules drive the production rates and operating characteristics at the plants and the transportation schedules to replenish inventory levels at various locations for each product. Borax wanted to replace the current process with added features to allow better process control for faster, more consistent turnaround of analysis.

#### Our Solution

Profit Point designed, built and delivered a customized bulk transportation and carrier vessel scheduling solution to replace the current process. This system was built to Borax specifications based on the existing functionality of the current system and desired functional and business characteristics of a new scheduling system. The system improved and replaced the existing approach with added features to allow better process control for faster, more consistent turnaround of analysis and used a combination of Oracle, MS Access, MS Excel and related development tools.