

Blackwater MES Solution Design

PROJECT LOCATION

Blackwater, Queensland, Australia

PROJECT CLIENT

BMA Coal

PROJECT SUMMARY

Throughout 2007, BMA defined, designed and implemented a number of Manufacturing Execution System (MES) solution components in a phased manner in their Blackwater coal handling and preparation plant. Part of the architecture includes applications to manage production reporting, delay accounting, train load out operations, quality and KPI managing. Calibre Controls was engaged to define business requirements, system architecture, functional design and detailed design specifications of the above elements. Entire project management functions required for this complex solution delivery were efficiently handled by Calibre Controls.

BUSINESS IMPROVEMENTS

A well designed and integrated architecture based upon proven commercial applications is a crucial element for the business success of coal handling operations. The following business benefits are expected through implementing the recommended solution in a consistent and well managed manner:

- Better visibility and managing of the coal handling and preparation operations
- Opportunities to identify the hidden potential of the operating assets
- Achieving higher operational responsiveness
- Well informed business decisions
- Transparency in managing the resources, systems and processes

PROJECT SCOPE OF WORK

Business requirements definition for production reporting, delay accounting, quality functions, transportation management and interfacing needs

- Evaluate system suitability; define functional and detailed design specifications
- Overall project management for the delivery and implementation of these complex technical systems

ABOUT CALIBRE CONTROLS

Calibre Controls is an industrial automation specialist, providing clients with 'intelligent production' control and information management solutions for optimal plant throughput and 'increased asset utilisation'.

For further information, please contact Calibre Controls on +61 8 9488 7200 or info@calibrecontrols.com.au



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