



DLC Reporting Integration

PROJECT LOCATION

4 mine sites - Pilbara, Western Australia

PROJECT CLIENT

Pilbara Iron Rail Division (Rio Tinto Iron Ore)

PROJECT SUMMARY

Rio Tinto's Pilbara Iron Rail Division (PIRD) engaged Calibre Controls to facilitate and implement improved operations reporting from their train load-out operations to users on the Rio Tinto corporate network. Direct Locomotive Control (DLC) systems in these operational areas were integrated with the production reporting portal. The project was completed in mid-2007.

BUSINESS IMPROVEMENTS

- Real time and historical data from train load-out operations available through the OSI PI data historian
- Better real time insight into the operational issues, thus identifying more opportunities for increase in operational efficiencies
- Transparency of operations data to the business community hence better informed decisions
- Ability to further investigate the validity and causes of downtime attributed to train load-out through the Citect Ampla Downtime Accounting module
- Replaced previous inefficient method of gaining remote access to Citect SCADA systems

PROJECT SCOPE OF WORK

- Incremental modifications in the data historian and delay accounting system
- Enhancement of the corporate production portal – ISS BabelFish
- PLC & SCADA programming in the train load-out control systems to facilitate reporting
- Testing and user acceptance of the system
- Change management processes
- Provision of relevant training to the operations personnel

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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