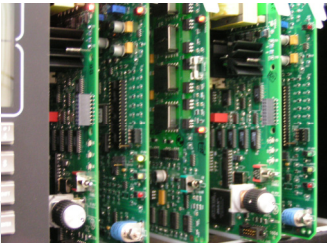


PROJECT PROFILE

<i>Name:</i>	BHP RAPID GROWTH PROJECT 2 RAIL SIGNALLING UPGRADE AND EXPANSION
<i>Owner:</i>	BHP Billiton Iron Ore
<i>Client:</i>	Mine and Ports Development Joint Venture (MPDJV)
<i>Project Description:</i>	Installation, testing and commissioning of railway signalling
<i>Site Location:</i>	North West, Western Australia
<i>Year Completed:</i>	2006

The scope of the works included:



- Installation, testing and commissioning of railway signalling alterations at Goldsworthy Junction, Boodarie and Finucane Island
- Installation testing and commissioning of 3 new passing loops at Tappa, Turner and Woodstock
- Installation, testing and commissioning of alterations to railway signalling at Ore Body 18
- Provision of after hour call out technicians in the event of any failure involved with the altered signalling systems
- Ongoing maintenance of the newly installed signalling equipment prior to handover

All works were undertaken in a fully operational heavy haul railway environment, which required extensive planning and interfacing with the operational group of BHP Billiton Iron Ore.

<i>Key Project Personnel:</i>	Mike Douglas – Project Manager John Rogers – Tester in Charge Nguyen Khuu – Project Engineer John Cole – Off-site Construction Manager
<i>Special Project Achievements</i>	Achieved all major commissioning milestones with no disruption to revenue generating rail operations. No major incidents were recorded on this project.
<i>Quality Standards Applicable</i>	Project Specific Quality Plan in line with BHP Billiton specifications
<i>Specific OH & S Requirements</i>	ISO 9001; Project Quality Management Plan