BHP Billiton Mitsubishi Alliance

At The Coal Face >>

BHP Billiton Mitsubishi Alliance (BMA) is Australia’s largest coal miner and exporter, and the world’s largest supplier to the seaborne coking coal market. BMA is a 50/50 alliance between the world’s largest diversified resources company and the world’s largest general trading company.

BMA owns and operates seven Bowen Basin mines in Queensland – Goonyella Riverside, Broadmeadow, Peak Downs, Saraji, Norwich Park, Gregory Crinum, and Blackwater – and the Hay Point terminal near Mackay. They also manage the South Walker Creek and Poitrel mines, owned by BHP Billiton (80 percent) and Mitsui and Co. (20 percent). Growth projects such as Daunia and Caval Ridge will further strengthen BMA’s position in the near future.

Meeting The Challenge >>

BMA realised the need for a solution that could manage the extensive spectrum of environmental data across their operations and reduce data administration overload. The following areas were identified by BMA as being the most significant drivers for the new solution:

- Legislative and regulatory compliance
- Environment auditability and internal compliance
- Cost reduction and dependence on external contractors for environmental data and services
- Increased productivity of environmental reporting
- Environmental incident responsiveness
- Proactive monitoring of risks and trends

Comprehensive Benefits >>

BMA are now able to capture all of the necessary data to ensure that they comply with all legislative requirements. As a consequence, the business can be confident in maintaining their licence to operate.

Protection of the ISO14001 and OHS Standards Accreditation are vital to BMA’s operation. Implementation of this solution allows the business to increase its ‘environmental data standards and performance measurement’ scores.

Data integrity is a strong characteristic of the solution, resulting in a reduction of time spent on rogue data fixes.

The business now finds that data can be analysed far more efficiently. Duplication and rework of reports has decreased due to the reporting capabilities of the solution. BMA are now able to produce ad-hoc, monthly and annual reports for requirements in a variety of sectors including: mining, oil, gas, ports, pollutants, emissions, NPI reporting, NGER, energy, water, biodiversity, waste and all levels of government.

Further Information >>

BMA’s Metallurgical Coal Operations
http://www.bhpbilliton.com/bb/ourBusinesses/metallurgicalCoal/bma/aboutBma.jsp

Automated alerts for exceedances are now allowing BMA to rapidly respond to environmental incidences resulting in a reduction of costs in potential remediation.

Integration with other corporate systems, e.g. SAP and GIS, allows BMA to take a complete approach to utilising all of their available information.

Leading Edge Technology >>

SRA Information Technology develops and supports the award-winning EnviroSys™ solution. EnviroSys™ is an enterprise-wide application which offers users a configurable platform to collate, analyse, present and report environmental based information. It operates on a proactive basis by polling, auto loading and validating data. The web-based solution offers accessibility anywhere, anytime and is adaptable to new monitoring requirements. In addition to this, EnviroSys™ provides for real-time analysis, dash boarding, scheduled reporting capabilities, integration of spatial and temporal data sets and informs when events are triggered. EnviroSys™ solutions are configured ‘out of the box’ to cater for requirements in a variety of sectors including: mining, oil, gas, ports, pollutants, emissions, NPI reporting, NGER, energy, water, biodiversity, waste and all levels of government.

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