

Case Study

Denver Technology 

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Sarbanes-Oxley Project BP Kwinana

Client Profile

BP Refinery (Kwinana) Pty Ltd is one of Australia's largest and most complex petrochemical refinery sites, producing a range of products for both domestic and international markets.

Denver Technology's long and successful relationship with BP Kwinana spans more than 18 years. During this time, Denver has provided a diverse range of services to meet BP Kwinana's changing business requirements using world's best practice.

Denver's ability to consistently deliver a competitive advantage through industry experience, expertise and innovation culminated in the company being awarded a comprehensive outsourcing contract for IT support services covering infrastructure management, project management, Oracle database administration, applications support, and assistance with ongoing maintenance of business-critical process control networks.

For further information about BP, please visit www.bp.com.au.

Business Situation

The Sarbanes-Oxley Act was passed by the US government to restore investor confidence and ensure corporate accountability in the wake of the Enron and Worldcom frauds. Under this Act, companies publicly trading in the US are required to adhere to strict internal controls that ensure changes to financial IT systems and applications are properly managed and controlled.

Being part of the international BP group, BP Kwinana had to comply with a corporate-wide process to measure performance against criteria established by BP global auditors in line with Sarbanes-Oxley requirements. These criteria included a series of controls around security, change management, backup and recoveries and segregation of duties. Gaps in BP Kwinana's compliance had to be identified, remediated and tested within very tight timelines set by BP globally.

Challenge

As the manager of the BP Sarbanes-Oxley project, Denver was charged with the timely execution of each phase of the project. Denver's responsibility included policy development to ensure that information systems within the refinery met compliance and communication requirements. Once the new policies were in place, a series of key controls had to be assessed and the results reported to senior management.

The timelines were highly compressed. Throughout the project, Denver was required to liaise with a number of local and international stakeholders who defined specific requirements and required ongoing status reports.

Solution

To meet BP Kwinana's goals and government mandates Denver developed systems and policies for:

- Change control
- Testing
- Segregation of access
- Database auditing
- Security
- Account management
- Backup procedures
- User lifecycle management



Solution cont'd

These new policies needed to fit into the existing work environment and be useable by BP's staff, contractors and infrastructure. This required a detailed understanding of the current process, the requirements for the compliant process and an understanding of the existing infrastructure and team members.

Benefits Achieved

Denver completed all phases ahead of schedule. Once all of BP Kwinana's processes were Sarbanes-Oxley compliant, a self-assessment was conducted to audit the new and existing policies and processes for compliance. Denver conducted the audit, documented the results and communicated them to BP management, again meeting BP's timelines. Finally all business processes impacted by Sarbanes-Oxley were documented.

"We needed to modify our systems so they complied with BP's strict global guidelines driven by new US legislation – all within a very tight timeframe. Denver Technology completed every stage of the project with time to spare."

Tim Verne
Knowledge Management Leader
BP Refinery (Kwinana) Pty Ltd



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