



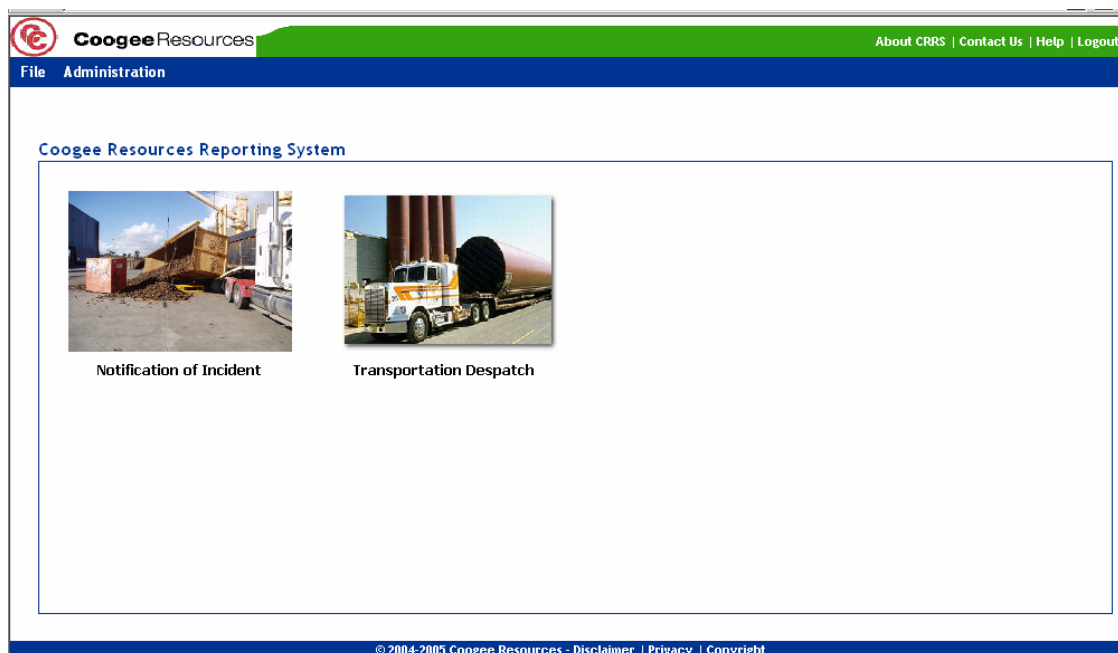
Client

Coogee Resources produces a wide range of Industrial, Agricultural and Mineral Processing chemicals for supply to both the Australian and International markets.

Coogee has introduced an Integrated Risk Management System (IRMS) across all of its chemical operations which has been designed to exceed regulatory and community expectations. In August 2002, the company launched a national safety awareness program under the title “LEAD - Time Out” which continues to be expanded and developed. Coogee’s main focus and commitment is to excellence in all areas of health, safety and the environment. Coogee is also a member of the global “Responsible Care” program.

Coogee strives for excellence in safety performance. Its operations in all areas involve the handling of many hazardous and dangerous goods. For this reason, continuous improvement of safety systems and performance is reinforced at all levels.

Project	Quality Office System
Project Duration	April 2005 to August 2005
Outcome	A web enabled system which allows users to manage the information pertaining to incidents that occur during the normal course of Coogee Resource business
Key Points	<ul style="list-style-type: none"> – Project Management – Web enabled system allowing users at remote sites to access the system via Satellite based WAN



The Need

Coogee Resources required a system which would enable staff at all levels to maintain and access information pertaining to incidents that occur during the normal course of business. An incident can be likened to an accident that has occurred. The handling of an incident is covered by Coogee quality processes that are overseen by the relevant Coogee managers. Various layers of sign off and reporting are required.

As Coogee employees are based both on-shore and off-shore, the system needed to work in a mixed LAN / WAN environment. The WAN environment however is bandwidth limited and so the delivered solution had to minimise bandwidth utilisation for selected user accounts.

Full and detailed reporting to meet internal and legislative requirements was required.

An integrated emailing system was also required to notify selected managers when an incident occurred or if defined actions in response to an incident were overdue.

The Solution

Ross Logic developed a web based system which would allow users located anywhere on the Coogee LAN / WAN to access the Quality Office System. Users could be selectively "limited" in the amount of information they could download to reduce WAN bandwidth utilisation.

The system was developed using Microsoft Technology (ASP.NET / VB.NET) along with the industry standard Crystal Reports for all reporting requirements. A Windows Service, developed using VB.NET, was used for all automatic emailing requirements.

The system was designed to require the user to enter in all mandatory fields so that an incident details report could be generated there and then and which met the minimum information requirements set down by Coogee and legislation. Once an incident occurred and the information entered selected management would be informed of the event immediately via email.

A single software installation at Coogee HQ in West Perth was all that was required to implement the system. No extra software was required to be installed on Client PC's. The delivered solution also included a Spell Checker, again with no additional software install requirements.

The solution was developed using the full Ross Logic Project Management Methodology. This included:

- A Project Planning phase, during which all project tasks were planned for and documented;
 - A Project Requirements Capture and Design Phase during which the requirements of Quality Office were captured and documented and which allowed a subsequent detailed technical design to be created;
 - The Development and System Testing Phase saw developers use the detailed technical design to actually develop the Quality Office system;
 - The system was installed at Coogee during the Implementation Phase.
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The Result

The solution was developed on schedule and to budget. During User Acceptance Testing, minor revisions were requested and made as time had been allocated for this task in the project schedule. All features worked as required and there was a minimum of time required for training and to bring users up to speed on the new system.

For Coogee Resources, the main benefits of implementing the Quality Office System were:

- The system is accessible by all authorised users who have access to the Coogee LAN / WAN;
- Network login was used to remove the need for users to manually log in to the Quality Office System;
- The system is web based using world class ASP.NET / VB.NET technology developed over many projects by Ross Logic;
- The system requires users to enter in mandatory fields so that full reporting is possible from the moment the incident is saved;
- Automatic emails and reminder emails means that management is always aware of the status of new and outstanding incidents
- Full reporting was provided using Crystal Reports. The reports were as specified and matched the existing format that was in use by Coogee prior to Quality Office being installed
- Coogee is now in possession of a current technology information management solution which will enable them to continue to lead the way in safety in their industry.