



Global Chemical Company

Full Lifecycle Web Reporting and Graphing KPI Application

Objective

The project was part of the most important, strategic marketing effort to fully automate open re-circulating cooling water systems for customers. The project includes the integration of chemical, equipment, service and knowledge-based solutions. Three software components make-up the program: Controller Configuration Software, System Optimization Software, and the web reporting and analytical application. Management required the application provide 24/7 communication of controller performance to both itself and customers, needed assurance that cooling water best practices were being followed and needed to be able to determine if the cooling system is in control of product selection and optimum mechanical and operating conditions.

Other key objectives included supporting brand position while providing a vehicle for advertising and promotion, reducing service time for sales and customers and developing the technology on a platform that was flexible, maintainable and scalable.

Solution

CBIG led the planning, design, development and implementation of a web based, operational and analytical reporting system. This system imports performance measures from cooling tower controllers, loads the raw data into a database and provides a series of reports, graphs and file downloads for both internal and external customers. Eighty-eight (88) parameter measures of water chemistry are available to sales, research, marketing and the customers anywhere via a custom web portal interface. This system provides users performance measurement tracking and operation efficiency tuning and optimization capabilities of their cooling systems as gauged against industry normative data for best practices. The overall technology is unique to the industry, a complete competitive advantage to the client.

Customer Profile

The client is a Chicago based provider of integrated water treatment and process improvement services, chemicals and equipment programs for industrial and institutional applications.

Business Situation

The client desired the ability to create a performance measurement reporting application that utilized the best practices of web design and technology, while supporting the expected growth of the product via a robust and proven data and technical architecture foundations.

Technology

SQL Server 2000
 Microsoft .Net
 VB 6
 Component One
 Active X and Java
 Macromedia Flash

CBIG Corporate Overview

Business intelligence and data warehousing are all we do. CBIG offers a full range of services and software targeted at your Business Intelligence environment. Whether you are implementing a data warehouse, a data mart, or need help realizing value from a project already completed, we can help. At the heart of our practice is TruCourse™, our integrated methodology, and FrogPoint™, our BI program management software.