



SYSTEMS INTEGRATION :: HIGH AVAILABILITY :: MANAGED SERVICES :: IT STAFFING

Case Study

.Net with SQL 2005 Backend Intranet Application

Challenge:

The client wanted a user-friendly web based application that centralized data collection and allowed numerous search criteria to improve the legal department's ability to find and resolve case files.

Requirements for the Scope of Work:

- Develop a visually rich, easy-to-use Web-based application.
- Incorporates with existing systems.
- Robust and reliable.

Benefits of Treadstone's solution:

- Complete, turn-key solution, fully client managed.
- Solution designed to scale to client's needs.
- Centralized data collection.
- Increased internal efficiency.
- Improved TCO

Our client, who is the world's leading provider of solid expandable technology for the energy industry, was in need of a solution that would provide the legal department the flexibility to act autonomously when collecting and gathering data through a secure web interface while providing access in a secure environment. Treadstone Consulting's Systems Architects were tasked with building a Web services application to speed the discovery process; and ensure the new infrastructure properly incorporated existing systems, and could also scale easily in the future for robust and reliable operation.

Our first task was to assess the requirements of the users, management, and of the network. A solution to the situation required the creation of a centralized user end database and secure web interface. Microsoft SQL Server 2005 was chosen as the database solution because of its enhanced security, reliability and manageability, SQL Server Reporting Service and advanced data mining capability. The interface into the database was developed using Microsoft .NET technology because it provided faster time to market, flexibility and scalability, reduced vulnerability to application security threats and ease of maintenance.

The new web interface was then implemented and the staff began putting the system through its paces. The final solution allowed users access to a visually rich and practical Web based application that collected and gathered data based on numerous search criteria. As a result, Treadstone enhanced the client's ability to analyze, find and define data, enhanced internal efficiency, and improved total cost of ownership from centralizing collection efforts and reduced redundancy.