

Website Case Study

Application Development

Challenge

Fortune 100 Energy company with a large, fragmented research database required help to allow researchers and technicians the ability to store and retrieve data in a timely and efficient manner.

Proposed Solution

- Design processes that automatically integrate output from many different types of lab test equipment into our client's customized data warehouse.
- Design and implementation of processes and supporting tool frameworks using the Microsoft Office 365 Office suite to significantly reduce the time and errors associated with generating certification reports for publication from data warehouse databases.
- Design, integration and development of systems used for knowledge transfer in enterprise environments.
- Design and implementation of enterprise-wide application deployment mechanisms
- Design of processes and associated tools to optimize the work necessary to evaluate and develop formulations that meet customer and industry requirements

Outcome

- Data warehouse migration enabled our clients to be able to minimize the transcription errors of manual entry and reduce the time an effort for researchers to gather data from historical test data in their research.
- Optimizing Microsoft Office 365 suite 365 tools enabled report turnaround times, in some cases, to reduce the effort to produce reports from four days to 20 seconds.
- Proactive produced enterprise wide, knowledge transfer capabilities using 3rd party desktop video capture software, Microsoft SharePoint and software, designed by Proactive that allowed for capture of lab procedures, administrative procedures, and research analyst procedures to be made available across the enterprise while maintaining access control of the content to appropriate internal consumers.
- Our mechanisms provided a framework for automatic unattended deployment of applications and their updates to desktops across a customer fleet using user account rights and privileges.
- Process flows and tools were used by our customer's researchers to efficiently identify different formulations of potential product that will fulfill one or more customer or industry

requirements. In one case, our implementation allowed our client to reduce the time to generate reportable data, that meets customer and industry requirements, from ten months to less than one minute