

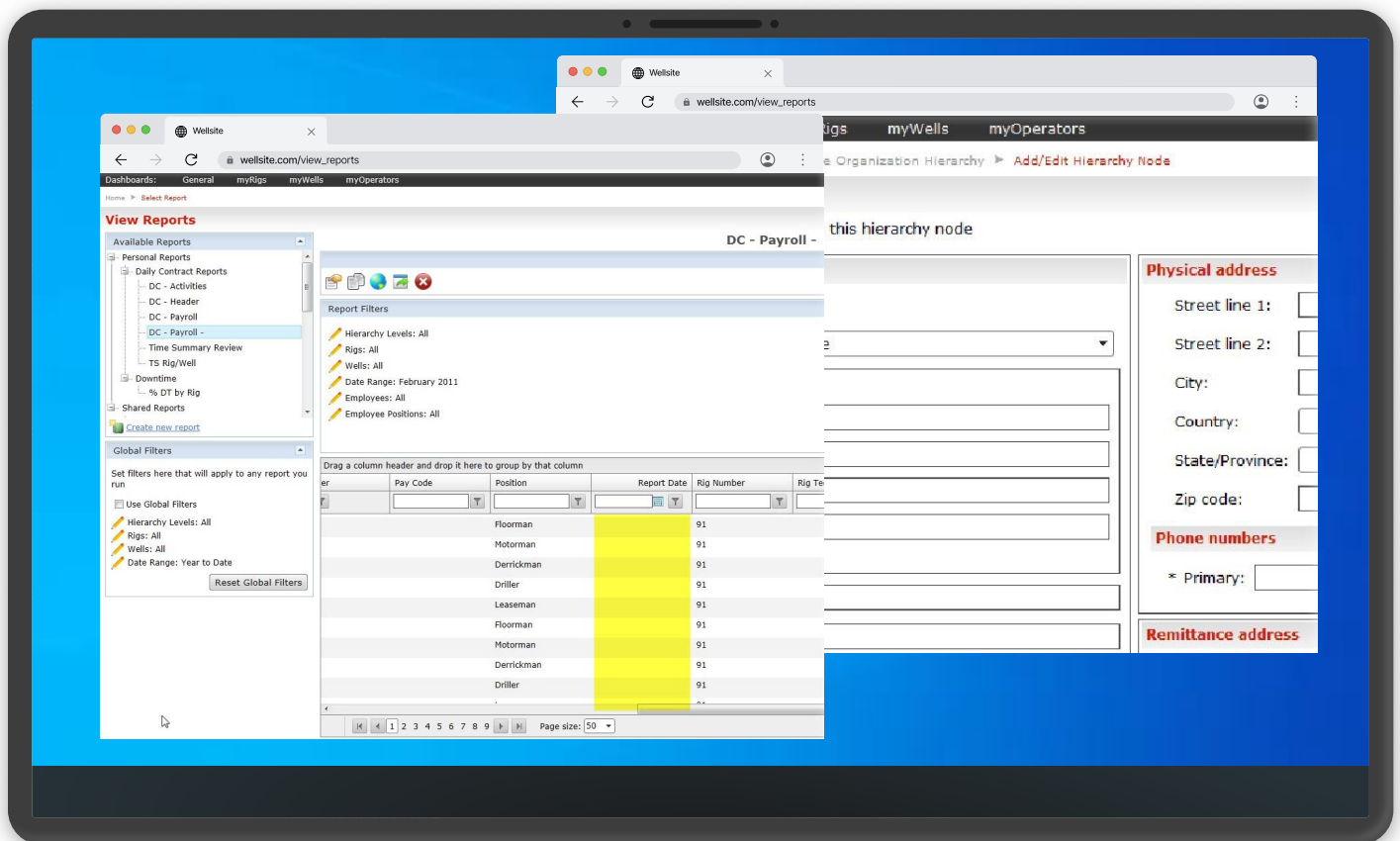


WELLSITE TRACKING & REPORTING SYSTEM

Datasheet

Project objective

Develop a reporting application to electronically receive and import summary report data from each rig, automatically updating a central server at the office. The data should be accessible to users for viewing and management based on their security permissions.



Result

A secure, highly customizable web-based application enables real-time reporting and consolidation of rig-related data. The client's product line has been enhanced by a robust performance tracking platform that enables remote monitoring and continual optimization of oilfield operations.

Scope of work

- ❖ Non-disruptive integration of the app with the client's existing data storage system. Programmatic user interface implementation
- ❖ Browser-based access implementation. User rights and permissions settings implementation
- ❖ Creation of customizable user dashboards. Main UI, screens and controls implementation maintaining a corporate style
- ❖ Creation of customizable user reporting framework. Integration of canned and ad-hoc reports and filters
- ❖ Periodic report updates implementation
- ❖ Performance optimization through profiling

Activities

- ❖ Process and requirements analysis
- ❖ Architecture design
- ❖ UI development
- ❖ Data schema optimization
- ❖ Web-based tool deployment
- ❖ Application functional and automated testing
- ❖ Implementation and integration of reports filters

About the project

Technologies

- ❖ ASP.NET
- ❖ C#
- ❖ MS SQL
- ❖ ASP
- ❖ Telerik
- ❖ Dundas BI
- ❖ SIP/SDP
- ❖ RTP
- ❖ UDP
- ❖ TCP/IP
- ❖ SSL

Project size

- ❖ 2 Business Analysts
- ❖ 10 Software Engineers
- ❖ 3 Quality Engineers
- ❖ 1 Technical Writer

Duration



Platform

- ❖ Web