



Case Study

Data Monitoring Solution for Oil & Gas Industry

Our Texas-based client is a leading technology company in the oil and gas analyzer market.

Following a successful launch of their field-deployable optical analyzer, they required advanced software solutions to meet internal and customer needs.



Objective

Our client has invested significant resources to acquire and analyze a large volume of complex spectroscopy data, which was originally difficult to access and interpret.

We provided an integrated application that facilitates user-friendly and visually-rich access to real-time data. The solution also generates additional insights into the various hydrocarbon processes.

Value

Through our effective collaboration at every stage of software development, we exceeded the client's expectations.

The product was configured in such a flexible way that enabled features and functionalities not even envisioned before. The client reports that time on task has decreased by a factor of 10 and new analyses, business channels, and products are now available.



MVP

The MVP was delivered ahead of schedule in three months. The budget was met while expanding scope to include practical and effective tools to manage user configurations.



SaaS

The solution was expanded by adding graphs, charts and maps.

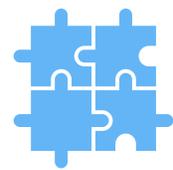
As the product grew, we met precise requirements for scalability, security and data privacy.



Web & Mobile

Our client and their customers are constantly moving in rugged, remote environments.

We built both web and mobile versions to provide access anywhere and anytime.



Product

The application is now an integral component of our client's business.

The next step is commercialization of the product for their customers and expansion into new markets and environments.

Technologies

Java

Angular

MySQL

Leaflet

Swift

iCharts

Git

CI

Project Details

Location: Austin, TX, USA

Duration: 2015 - present

Industry: Oil & Gas

Team size: 6 members