

DATA VISUALIZATION TOOL BRINGS DATA TO LIFE FOR THE BUS AND COACH INDUSTRY & CUSTOM WEB APPLICATION PROVIDES REAL-TIME FLEET MANAGEMENT

PSL built a custom application that gives bus and coach companies the ability to manage services, drivers and vehicles via the web, providing unprecedented response times. The use of Agile methodologies has transformed how the client incorporates market feedback into new features, quickly and efficiently.

“ Our original thought was that we would just outsource the user interface side of it; the web app, essentially, and that we would try and do the real-time aspect of it internally. We have a strong engineering team in-house here, that, for the most part, is really busy dealing with all the existing things we’re doing. It was probably only after we started working with PSL that I came to the realization that, you know what, with a little bit of mentoring these people really are talented. They can pick up the real time stuff, which they had never done before.

—
Director of Technology

Results:

- Custom, SaaS web application
- Responsive fleet management system
- Data visualization tool
- Revamped legacy application
- Iphone app
- Google maps integration

Technologies:



The Challenge:

Managing services, drivers, and vehicles through a responsive web application was a novel concept for the surveillance industry at the time the engagement began. Our client was looking for a qualified vendor that could conceptualize, design and deploy the application at a reasonable cost. The innovativeness of the desired application meant the client needed a vendor capable of rapid deployment and the ability to readily apply market feedback to enhance and improve the product. Without a doubt, the project had to be developed using agile methodologies in order to allow for more frequent iterations and a collaborative engagement.

The client was highly aware that for agile to work, it was critical that both the client product leads and the development team share the same time zone and maintain fluid and open communication. For these reasons, our client limited themselves to seeking partners in Latin America.

After an arduous process that involved over 12 client visits in 5 different countries, PSL was selected as a capable vendor because of the company's strong technical knowledge coupled with experience working with Agile methodologies.



The Solution: -----

Building a custom web application wasn't the only project that PSL managed with the client, in fact, teams were deployed to work on three areas:

1. Legacy application improvements and maintenance.
2. Data visualization tool for fleet managers.
3. Turnkey, Saas web application to manage fleets.

All projects began with the teams establishing clear communication channels and processes. Throughout the engagement, this created a strong foundation for rapid iterations and managed expectations for the client and PSL. Using test driven development practices, the teams developed a robust, custom application that could process data quickly, providing users unprecedented responsiveness when managing fleets. Over time, new features were added based on feedback from actual users.

PSL continues to maintain and improve applications for the company. Most recently, PSL worked on developing a new user interface, making it more intuitive and engaging.



Need a reliable, cost-effective partner to make your software come to life?

Contact PSL at contact@pslcorp.com today.

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