



CLIENT SPOTLIGHT Frontier GeoTek



Frontier GeoTek

Frontier GeoTek partners with 3Cloud to modernize essential web applications on Azure, reducing hosting expenses by an impressive 30%

CHALLENGE

Frontier GeoTek (FGI) is a pioneering spatial analytics firm that harnesses the power of Geographic Information Systems (GIS) to craft innovative solutions for their clientele. Serving as a trusted partner to some of the nation's foremost telecommunications giants, FGI stands at the forefront of their industry.

Within their extensive portfolio, FGI manages several critical web applications, all of which were originally developed in outdated PHP by a former employee. Unfortunately, many of these applications were left incomplete or required substantial enhancements. In the absence of an in-house development team, this posed a significant challenge. Consequently, FGI struggled with recurrent server and application crashes, causing disruptions to their clients, and necessitating round-the-clock support.

Recognizing the imperative need for a transformative shift, FGI sought comprehensive technical counsel in Systems Development Life Cycle (SDLC) processes and industry best practices.

SOLUTION

3Cloud conducted a comprehensive audit of all of Frontier GeoTek's existing applications and resources, unearthing opportunities for cost optimization and enhancing resilience. Our dedicated team collaborated closely with FGI to embark on a gradual journey of transitioning legacy PHP/jQuery functionality to the cutting-edge technologies of C# .NET Core and Vue.js.

Furthermore, 3Cloud orchestrated the seamless migration of these applications from their previous local hosting environments to a robust Azure platform. We augmented this migration with the integration of automated build and deployment processes, reinforced by rigorous automated testing through CI/CD pipelines.

↓ SCROLL TO VIEW THE RESULTS



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Throughout this transformative journey, 3Cloud adhered to Agile methodologies, empowering FGI with the ability to accurately estimate project timelines and consistently meet deadlines across all our collaborative projects.

RESULTS

Through a strategic alliance with 3Cloud, FGI not only fulfilled their existing commitments but also embarked on new development ventures. This partnership has ushered in a new era of precision, offering FGI a heightened ability to accurately forecast and adhere to development project timelines.

The development process, underpinned by modern technology, has brought about enhanced project visibility. It allows FGI to gauge both the current and future status of their projects with clarity. With the seamless integration of automated testing through CI/CD pipelines, FGI has gained confidence and reliability in their deployment procedures.

FGI's dedicated support teams have witnessed a remarkable reduction in support incidents, leading to a more streamlined and efficient operational environment. Notably, the migration from localized hosting to the Azure platform has resulted in substantial hosting cost reductions of approximately 30%. Moreover, the adoption of Azure's advanced features and multi-region deployment has strengthened the redundancy and durability of FGI's applications, ensuring uninterrupted service delivery.

FONTIER GEOTEK PROFILE

A professional service company providing spatial analytics and GIS solutions.

Annual Revenue: \$10M

Employees: 50

Innovation Focus: App Innovation