



CLIENT SPOTLIGHT Briotix Health



Briotix Health reduces portal hosting expenses by an impressive 65% and experiences zero downtime

CHALLENGE

Briotix Health works with clients to provide reliable, consistent testing and deliver effective, science-based and practical injury prevention services and technology to ensure employees are physically able to safely perform their jobs, building a better, safer workplace. Briotix partnered with 3Cloud for both an App Innovation and Data & Analytics engagements.

The first challenge Briotix faced was with their legacy classic ASP application, OscarLink. This application required a major upgrade due to the impending expiration of support for the Windows operating system on which it relied. OscarLink serves as a vital web-based communication platform, facilitating real-time information exchange and the seamless management of Briotix's Workforce Solution. It plays a pivotal role in scheduling and overseeing various pre- and post-employment screening activities, incorporating custom machinery for these processes.

In response to this imperative, Briotix initiated a comprehensive overhaul and redesign of OscarLink. This ambitious project aimed to harness the invaluable insights accumulated over 15+ years of using the legacy system, ensuring that the new solution would leverage this wealth of experience to the fullest.

On the Data & Analytics side, Briotix performs employee tests for their clients via machines loaded with sensors to accurately assess a potential candidate's capability and fitness. Briotix owns the software that operates these machines but had limited insight into the data they contained. Currently, the only insight they had into their data was through a pre-defined and rigid results report from the software output.

Briotix wanted more insight into their data so they could help their clients understand trends and patterns with their prospective employees and thereby provide more accurate and fair testing across the board.

↓ SCROLL TO VIEW THE SOLUTION & RESULTS



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SOLUTION

Briotix engaged with 3Cloud to develop an ASP.NET Core application, securely hosted on Azure and seamlessly integrated with Azure Blob Storage and Azure Functions which will ensure effortless deployment and robust functionality. The portal underwent a comprehensive overhaul, emerging with a fresh, modern aesthetic and a user-centric design that enhances the scheduling and screening review processes.

Power BI was used for administrative reporting, granting stakeholders access to critical insights and enabling data-driven decisions. In response to complex healthcare regulations, we engineered a versatile solution where a single codebase efficiently caters to both Canadian and U.S. business operations. To simplify scheduling for Briotix users, 3Cloud built a custom scheduling solution complete with an intuitive calendar view, ensuring an efficient and user-friendly experience.

To solve Briotix's data challenges, 3Cloud worked with an internal team at Briotix/BTE to create an end-to-end solution for business users – starting with extracting the data from the machines and ending with attractive, intuitive, interactive reports that could help inform their decision making. The Briotix team extracted, transformed and loaded data into a SQL Server Analysis Services tabular model. The 3Cloud team then harnessed this data to craft Power BI reports that exceeded user expectations, demonstrating their creativity and innovation.

Furthermore, 3Cloud exhibited agility and responsiveness in addressing the business's specific needs and requests, ensuring that the reports continually adapted to meet evolving requirements.

↓ SCROLL TO VIEW THE RESULTS



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RESULTS

Since its launch in early 2020, the portal has maintained zero unplanned downtime, except for scheduled Windows releases. 3Cloud created a robust CI/CD pipeline for both the U.S. and Canada, ensuring a standardized and dependable deployment process. This encompassed the seamless automation and configuration of Power BI reports. Our enhancements to the scheduling system have effectively removed common issues that plagued the previous application, such as double bookings and bookings occurring outside of clinic hours.

In addition, the revamped user interface (UI) and user experience (UX) have considerably streamlined the on-boarding and training of new clients and staff, promoting a smoother and more intuitive interaction with the platform. Most impactful, the utilization of Azure hosting has translated into substantial cost savings, reducing Briotix's monthly hosting expenses by a significant 65%.

By implementing Power BI reports, business users and administrators now have access to interactive reports that empower Briotix with actionable insights from their data to help their clients to provide more accurate testing of their employees.

BRIOTIX HEALTH PROFILE

A professional service company providing testing to ensure company's employees are physically capable to perform their jobs safely.

Annual Revenue: \$50M

Employees: 200

Innovation Focus: App Innovation, Data & Analytics