




Transforming Biopharmaceuticals by modernizing legacy systems

Leveraging BrillioOne.ai for app modernization
and infrastructure migration





With a global workforce distributed across the United States, Asia, and Europe, this company operates at the forefront of clinical-stage biopharmaceuticals. Specializing in Next-Generation technology, global development, and strategic manufacturing, it has established itself as a prominent enterprise. It focuses primarily on discovering, manufacturing, and commercializing innovative cell therapies to address diseases previously deemed incurable.

The company's dedication to advancing best-in-class cell therapies for patients in dire need is underpinned by a visionary strategy. By integrating technology with medicine, they not only innovate but also pave the way for groundbreaking advancements in the field, enhancing patient care and outcomes.

Aligning Legacy Systems to Modern Infrastructure

In the face of a rapidly evolving technological landscape marked by swift advancements, disruptions, and intense competition, the company encountered challenges in aligning its legacy infrastructure with contemporary standards. Central among these roadblocks was the imperative to establish a redundant infrastructure capable of managing the numerous discoveries in cell therapies.

Furthermore, the absence of a comprehensive monitoring management system aggravated the situation, hindering efficient operations. The entirety of the company's infrastructure

and dependencies were encapsulated within a basic setup comprising routers and affiliated devices.

In tackling these challenges, the company recognized the need for a partner to spearhead its modernization efforts. With a proven track record of orchestrating successful infrastructure management and migrations within the industry, coupled with the domain expertise and technical depth for navigating complex transformations, Brillio emerged as the perfect partner to lead the endeavor.

Adding to this challenge was the subpar implementation of legacy systems, marked by an expanse of outdated components.

Streamlining Legacy Application Modernization and Empowering Content Management

To initiate the implementation phase, BrillioOne.ai - Brillio's advanced proprietary framework, was leveraged to seamlessly determine the best course of action and migration strategies for modernizing the legacy applications.

With a focus on the R&D application, the technical expertise team from Brillio examined the legacy systems and diligently managed the complexities involved in migrating old applications to the cloud. This process not only enhanced the usability and accessibility of the applications but also streamlined their functionality for improved performance.

Through the combined efforts of Brillio and the client's team, a robust platform was swiftly developed for generating and managing website content. Furthermore, a well-managed and controlled environment was established, fostering enhanced performance and optimization for application users.

Given the paramount importance of meeting delivery timelines, implementation processes were expedited by harnessing various platforms

and accelerators, while adhering rigorously to Brillio's agile methodologies.

Furthermore, a robust and adaptable compliance control system was implemented to ensure the company's adherence to the stringent regulatory standards of the pharmaceutical industry.

This implementation also prioritized scalability, providing the company with the assurance of optimal computing capabilities to meet both short-term and long-term business needs effectively.

Several pivotal components were also included in the operations support framework, including the administration and management of Directory Service, the creation of Group Policy Objects (GPO), and the oversight of directory distribution and replication.

Additionally, the resolution of user authentication and authorization issues was addressed, alongside the implementation of security mechanisms aligned with customer security guidelines.

Brillio's concentrated effort resulted in timely deliveries, improved user experiences, and significantly streamlined workflows, ultimately translating into substantial cost savings for the client.

Leveraging a Self-Reliant System for Efficient Operations

With a robust infrastructure firmly established, the client has achieved remarkable scalability in advancing the discovery of cell therapies, both effectively and efficiently. The enhanced environment empowers business users to effortlessly manage and implement new updates, fostering agility and adaptability.

Continuous monitoring mechanisms empower the client with the agility to swiftly respond to evolving business needs, facilitating on-demand decision-making. Moreover, the self-reliant system and zero-dependency ecosystem ensure streamlined business activities, underpinning the client's autonomy and streamlining operational efficiency.



ABOUT BRILLIO

Brillio is one of the fastest growing digital technology service providers and the partner of choice for many Fortune 1000 companies seeking to turn disruption into a competitive advantage through innovative digital adoption. We help clients harness the transformative potential of the four superpowers of technology: cloud computing, Internet of Things (IoT), artificial intelligence (AI) and mobility. Born digital in 2014, we apply our expertise in customer experience solutions, data analytics and AI, digital infrastructure and security, and platform and product engineering to help clients quickly innovate for growth, create digital products, build service platforms, and drive smarter, data-driven performance. With 17 locations across the U.S., the UK, Romania, Canada, Mexico, and India, our growing global workforce of nearly 6,000 Brillians blends the latest technology and design thinking with digital fluency to solve complex business problems and drive competitive differentiation for our clients. Brillio has been certified by Great Place to Work since 2021.



<https://www.brillio.com/>

Contact Us: info@brillio.com