



# Decentralizing Global Clinical Trials in Life Sciences

Empowering patient engagement and  
streamlining processes flow through  
user-centric platform development





The company is a leading global provider of analytics, technology solutions, and clinical research services to the life sciences industry. It delivers insights that accelerate clinical development and commercialization of medical treatments, improving healthcare outcomes and enabling stakeholders to identify disease patterns and correlations, leading to precise treatment paths and therapies.

However, amidst the rapid pace of digitization, the company encountered challenges in conducting physical clinical trials, as patients must visit clinical sites for assessment, consent, and potential enrollment.

# User-Friendly Platform to Improve Patient Engagement and Clinical Trials

---

In its endeavor to enhance participant enrollment for clinical trials, the company grappled with several roadblocks. These include manual data capture, subsequent data management, and the imperative to expedite trial timelines.

Additionally, the company faced challenges with the globalization of clinical trials, site selection, clinical trial management, and mobility constraints.

To address these issues, the enterprise partnered with Brillio to catalyze enrollment and streamline trial processes.

An intuitive platform was proposed for development, aiming to provide access to all involved in clinical trials. The envisioned platform

represented a pivotal step toward bringing clinical trials into the digital age. With a focus on bolstering participant retention and optimizing user experience, it was designed to seamlessly integrate into the trial process. The platform streamlined tasks, delivered crucial reminders, and facilitated access to support staff, simplifying and expediting clinical trial participation within a single, user-friendly interface.

The platform's main objective was to facilitate the efficient delivery of remote (decentralized) global clinical trials, focusing on high quality and minimal effort while prioritizing protocol compliance and ensuring patient safety.

The platform would enhance participant retention, facilitating smoother execution of trials in the digital realm.

# Elevating Patient Integration Through a Seamless Process Flow

---

A seamless process flow was designed involving key stakeholders such as PIs (doctors), Study Configurators (SCRs), patient guides, and study teams. This process unfolded across four straightforward user journey stages. Initially, in the configuration stage, a study was established, detailing attributes such as the study team composition, assignment rules, study centers, and visit schedules. Subsequently, during the onboarding stage, patients, along with PIs, SCRs,

and other necessary team members, were seamlessly integrated into the study framework. Progressing to the tracking stage, interactions between patients and PIs were closely monitored, encompassing the patient's health status and study progress. Finally, upon completion of the tracking phase for the clinical study, patient engagement is to be concluded, or patients may be transitioned to other studies based on specific requirements or suitability.

The structured approach ensured a streamlined and effective execution of clinical trials while maintaining stringent standards of quality and patient well-being.



# Streamlining Clinical Trial Processes Through Enhanced Protocol Workflow

---

Following the implementation, the platform has incorporated essential features that greatly enhance engagement and visibility throughout the clinical trial process. Users could seamlessly interact with the study support team via chat, stay informed by viewing study timelines and upcoming events, record e-diary entries, conduct telemedicine visits, access crucial trial documents, and benefit from round-the-clock support services.

By developing seamless integrations, data flowed effortlessly between different platforms, facilitating a cohesive and interconnected environment. Whether interfacing with electronic data capture systems, laboratory databases, or electronic health records, the platform served as a central hub for data aggregation and exchange.

The platform prioritizes user-centric design and boasts an optimized user experience focused on ease of use and accessibility. The interface has been refined to be intuitive and user-friendly, enabling seamless navigation and interactions.

Moreover, recognizing the diverse needs of participants and stakeholders involved in clinical trials, the platform offered a tailored protocol workflow that caters to individual preferences and requirements, enabling users to customize their engagement experience.



## ABOUT BRILLIO

At Brillio, our customers are at the heart of everything we do. We were founded on the philosophy that to be great at something, you need to be unreasonably focused. That's why we are relentless about delivering the technology-enabled solutions our customers need to thrive in today's digital economy. Simply put, we help our customers accelerate what matters to their business by leveraging our expertise in agile engineering to bring human-centric products to market at warp speed. Born in the digital age, we embrace the four superpowers of technology, enabling our customers to not only improve their current performance but to rethink their business in entirely new ways. Headquartered in Silicon Valley, Brillio has exceptional employees worldwide and is trusted by hundreds of Fortune 2000 organizations across the globe.



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

Contact Us: [info@brillio.com](mailto:info@brillio.com)