

Enabling & Enhancing Clinical Trials



A Better Pathway to Clinical Trial Success

Digital technologies offer the promise of more successful and accelerated clinical trials by streamlining workflows and automating time-consuming processes, thereby improving collaboration across clinical operations, and data value along with efficiency.

Overcoming challenges like trial design, patient recruitment & retention, interoperability, measuring clinical end-points, and successfully tracking adverse events requires a life sciences and technology partner with clinical trial experience to go with solutions that meet critical needs.

CitiusTech designs and develops best-in-class, outcomes-based digital solutions that leverage next-generation technologies like AI-enabled patient consent and recruitment functionality, electronic clinical data capture and exchange, and remote patient monitoring.

Tapping into advanced technologies, like AI, NLP, intelligent automation and robotic process automation (RPA), our core strength comes from solving clinical trial challenges. Our track record is complemented with proven expertise in clinical research across many therapeutic areas, risk-based quality monitoring, as well as implementing enterprise data strategies to improve clinical trial efficiencies.

Key Offerings

Clinical Trial Solution & Enablement

Best-in-class, outcomes-based digital solutions leveraging next-generation technologies:

- AI-enabled patient consent and recruitment solutions
- Electronic clinical data capture and exchange
- Remote patient monitoring leveraging intelligent automation, robotic process automation, and natural language processing

Key Capabilities

- IOMT Integration
- Patient Recruitment
- Pharmacovigilance & Regulatory Affairs

Real-world Clinical Trial Success

We've developed a myriad of clinical trial solutions for customers in the areas of:

- Patient recruitment
- Wearable physiology monitoring
- Digital therapeutics using AWS-connected patient therapy devices
- Advanced analytics platform for personalized and predictive recommendations
- Crowdsourcing platform
- Clinical lab investigators platform
- Trial projection suite application for clinical trials
- Enhancing patient retention rate in virtual clinical trials

Realized Customer Value

- Lowered study cost by 25% using advanced technologies
- Decreased the traditional dropout rate of patients by implementing a virtual trial approach
- Discovered that 70% of patients prefer RPM for clinical trial engagement and higher efficient outcomes
- Achieved a 97% retention rate via virtual trials

About CitiusTech

With 6,500+ healthcare technology professionals worldwide, CitiusTech helps leading healthcare and life sciences organizations reinvent themselves by accelerating digital innovation, leveraging next-gen technologies, and driving data convergence across the healthcare ecosystem. We provide strategic consulting, digital engineering, data, analytics & AI, specialized platforms and end-to-end solutions to over 130 organizations across the payer, provider, medtech and life sciences industries. Our key focus areas include healthcare interoperability data management, quality performance analytics, value-based care, omni channel member experience, connected health, virtual care delivery, real-world data solutions, clinical development, personalized medicine and population health management.

Our cutting-edge technology expertise, deep healthcare domain expertise and a strong focus on digital transformation enables healthcare and life sciences organizations to deliver better outcomes, accelerate growth, drive efficiencies, and ultimately make a meaningful impact to patients.

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