

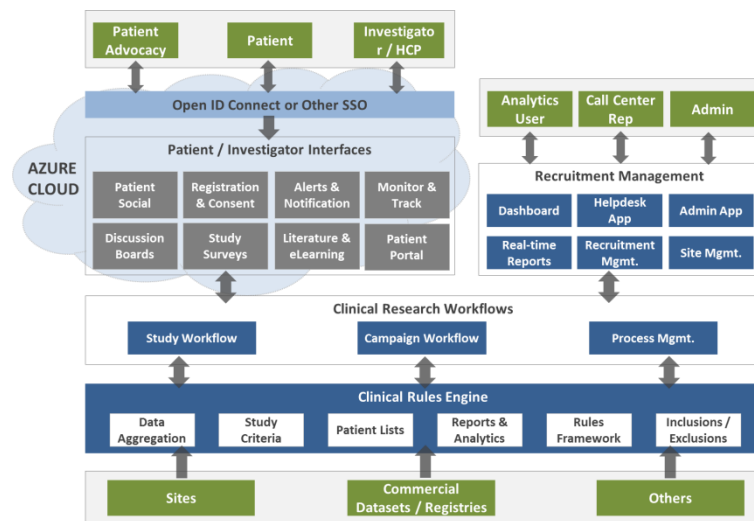
## Case Study

# Cloud-based Solution for Clinical Trials

## Client Requirements

The client is a leading clinical trials solution provider. To reach out to a large patient population across the globe for screening, recruitment and education, client had requirement of a cloud-hosted portals for patients, Investigators, sponsors, PRM and feasibility personnel. As the development partner for this solution, CitiusTech was engaged in architecting, development and deployment of cloud-based solution.

## Solution Schematic



## CitiusTech Solution:

- Architected, designed and developed cloud-based portal, hosted on Azure platform
- Built automation, continuous integration and deployment of entire application for different environments on Azure
- Ensured encryption of data at rest and motion, HIPAA compliance, audit logs - 21 CFR
- Provided claim-based authentication, RBAC, application and infra security
- Provisioned for auto-horizontal scaling, fault tolerance, high availability, disaster recovery

## Value Delivered

- Leveraged CitiusTech's strong cloud expertise for full application lifecycle mgmt. on Azure
- Secured platform by server hardening, setting up address space and subnets, configuring ACL, setting up patching process
- Optimized performance by code and query optimization

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## About CitiusTech

CitiusTech is a provider of healthcare technology services and solutions to medical technology companies, providers, payers and life sciences organizations, with over 2,500 professionals worldwide and serving over 75 healthcare organizations globally. CitiusTech's services and solutions include healthcare software development, healthcare interoperability, regulatory compliance, BI/analytics, consumer engagement, care coordination and population health management. CitiusTech helps customers accelerate innovation in healthcare through a number of solutions and accelerators for clinical quality reporting, healthcare big data, cloud computing, mobile health and predictive analytics. With cutting-edge technology expertise, world-class service quality and a global resource base, CitiusTech consistently delivers best-in-class solutions and an unmatched cost advantage to healthcare clients worldwide.

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