CitiusTech: Healthcare ISVs and Technology Companies

Accelerating product innovation and reducing total cost of ownership

Application Development • Technology Transformation • Health Cloud • Data Management
BI / Analytics • Data Science • Consulting

CitiusTech

CitiusTech has one of the largest technology teams servicing the US healthcare technology and medical devices market

CitiusTech focuses on strong long-term partnerships and proven healthcare technology expertise to drive innovation cost effectively

INTEGRATED CLOUDSUITE

CitiusTech's Integrated Cloud Suite is a specialized solution to help companies maximize returns on their cloud investments. Key features include:

- Process / service automation
- Integrated dashboards
- Back-up / data retention
- Cloud agnostic monitoring
- 24x7 service desk

Healthcare technology companies need to focus on innovation to drive down costs and accelerate go-to-market

The healthcare IT industry faces significant cost pressures, a changing regulatory environment and growing customer expectations. To keep pace with evolving market needs, healthcare technology companies need to enhance their existing enterprise applications (e.g. EHRs & RCMs), and look for new ways to reduce time-to-market. They also need to build next generation capabilities using emerging technologies like Big Data, mobile health, cloud computing, AI, Machine Learning and predictive analytics.
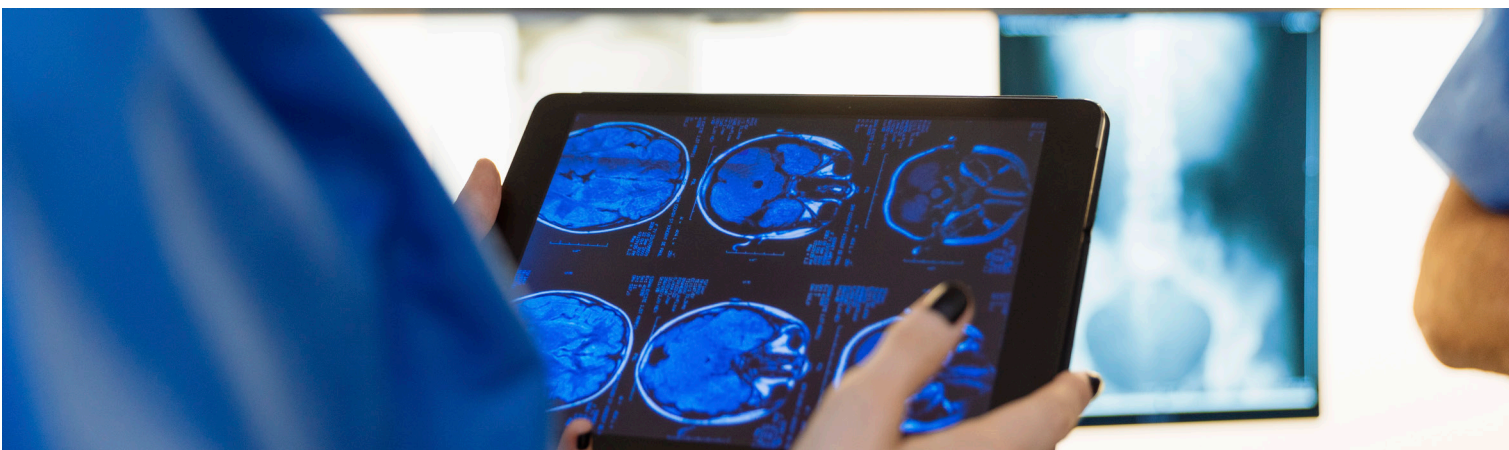
To meet market needs, organizations face the challenge of building and retaining a strong pool of emerging technology capabilities. They also end up leveraging a diverse set of niche technology partners, which greatly limits their ability to collaborate and create a unified vision for innovation.

As a specialized HIT partner, CitiusTech helps companies address complex technology challenges

CitiusTech has one of the largest engineering teams in the US healthcare technology, medical imaging and medical devices markets. Through a comprehensive portfolio of technology offerings, we have successfully built long-term technology partnerships with 10 of the world's 20 leading healthcare technology companies. Our specialized healthcare IT teams perform end-to-end application development, help drive technology transformation initiatives (Cloud, DevOps and mobile health) and build enterprise BI / analytics solutions.

Clinical Systems	Financial Systems	Medical Imaging	Cloud Applications

Product Engineering	Healthcare Cloud Services	QA & Test Automation
Data Integration & Interoperability	EDW, Big Data & BI / Analytics	Healthcare Managed Services

500+ Healthcare software engineers

700+ Healthcare QA & automation professionals

300+ Medical imaging professionals

100+ Certified Cloud professionals

35+ Healthcare technology clients

40+ Application transformation projects

25+ Application re-engineering engagements

15+ Managed Services engagements

CitiusTech: Offerings for Healthcare Technology Companies

Healthcare Technology Services

Product Engineering	• Architecture, design, development, testing and support for enterprise applications and platforms • Using **emerging technologies** (UX, AI, NLP) • Platform and full stack development
Healthcare Cloud Services	• Healthcare application development / rearchitecture on AWS, Azure, IBM & Google • **Integrated Cloud Suite** to drive, **optimize and enhance ROI** from cloud deployments
QA & Test Automation	• Unit testing, multi-platform testing, Shift Left testing security and compliance testing, cloud testing and interoperability testing services • Test automation (QTP, Selenium, Rational Robot) • Load and performance testing
Data Integration & Interoperability	• Clinical interfaces and custom HIT applications e.g. EMR, HIS, HIEs, eRx, Imaging, Labs • **24x7 network monitoring** and L1 / L2 support
Data Warehousing, Big Data & BI / Analytics	• Design **EDW and Big Data** platform (structured and unstructured data) to aggregate disparate health data and **generate actionable insights** • Expertise across major BI / analytics stacks
Healthcare Managed Services	• **End-to-end support** and management of legacy healthcare applications and cloud applications • **L1 to L4 support** for on-premise and cloud

Platforms

BI-Clinical	• **NCQA-certified** platform for quality initiatives (HEDIS®, MACRA, etc.), revenue optimization (HCC), regulatory compliance, risk management
H-Scale	• Healthcare **data integration and management platform** to address key information needs such as data acquisition, real-time processing, MDM, data security and advanced analytics.
Medictiv	• Suite of analytics and statistical tools in healthcare for **AI, NLP, predictive analytics, Machine Learning and Deep Learning**

Healthcare Technology: Success Stories

Provider of renal EHR: EHR application development and integrated kidney care analytics using IBM Data Model

Leading provider of patient engagement solutions: Development of patient engagement and care coordination solutions which help health systems deliver collaborative, data-driven care, enhance care quality, lower costs, and improve population health management

Provider of pre-authorization and risk management solutions: Application development, validation and analytics for pre-authorization workflows

Leading provider of revenue cycle management solutions: Application development and sustenance engineering for revenue cycle products and analytics solutions

Provider of clinical analytics platform: Development and enhancement of population health management solution based on Big Data, and integration with BI-Clinical

Leading RIS / PACS Company: Design, development and testing of enterprise Vendor Neutral Archive (VNA)

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About CitiusTech

CitiusTech is a specialist provider of healthcare technology services and solutions to healthcare technology companies, providers, payers and life sciences organizations. With over 2,900 professionals worldwide, CitiusTech enables healthcare organizations to drive *clinical value chain* - excellence, across integration & interoperability, data management (EDW, Big Data), performance management (BI / analytics), predictive analytics & data science and digital engagement (mobile, IoT). CitiusTech helps customers accelerate innovation in healthcare through specialized solutions, healthcare technology platforms, proficiencies and accelerators. 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 organizations worldwide.

Princeton | Rochester | Dallas | London | Dubai | Mumbai | Bengaluru | Singapore

CitiusTech