

CitiusTech Healthcare Imaging Solutions



CitiusTech Healthcare Imaging: Overview

With the increasing use of imaging diagnostics and its relevance to early diagnosis, there has been a spur in consumption of imaging studies.

The rising incidents of chronic diseases (such as cardiac, oncological and neurological conditions) are driving the adoption of next-gen imaging solutions to enable early detection of clinical conditions. Healthcare organizations need to focus on evolving technology and modernization of imaging operations.

CitiusTech addresses key industry challenges around image acquisition, image quality enhancement, protocol and dose optimization, hybrid visualization and AI solutions that supplement image analysis. We work with medical imaging market leaders and accentuate their value chain with next-gen imaging solutions and services. We work across diverse imaging workflows – RIS, PACS, modalities and viewers. Our offerings include professional services, product development, sustained engineering, technology modernization, AI/ML and specialized services.

Domain Experience

- *Auto workload assignments*
- *Image acquisition*
- *Workflow management*
- *Image review and reporting*
- *Cloud integration*

Specialized Offerings

- *Interoperability*
- *Mammography*
- *Oncology*
- *Cardiology*

400+

*FTEs with strong background
in medical imaging*

Multiple specialized offerings

*like Interoperability, Mammography,
Oncology, Cardiology etc.*

30+

*Active projects across
the imaging practice*

Product Development

Development of web-based zero footprint viewers, image collaboration apps, enterprise repositories, mobile apps & more

Serviceability

Hospital implementation, configuration, and upgrades for imaging HIT devices - RIS/PACS/VNA systems and software

Customer Value

- Improved radiologist productivity
- Improved patient experience
- Reduced operational cost
- Standardization and efficiency improvement for imaging workflows
- Faster and more accurate clinical decisions

Interoperability

Integration of RIS/PACS/VNA systems leveraging DICOM, HL7, IHE profiles and customized mapping

Imaging Cloud & Data Mgmt.

Development of cloud imaging platform with, universal and secure role-based access, to support mobile apps & analytics

Imaging Workflow

Operationalization and feedback loops for models in radiology settings, integration with MRI/CT/X-Ray workflows

AI in Medical Imaging

Machine learning algorithms for worklist prioritization, protocol management, radiation doses, disease progression, precision medicine etc.



CitiusTech: Key Services

About CitiusTech

CitiusTech (www.citiustech.com) is a leading provider of healthcare technology services, solutions and platforms to over 130 organizations across the payer, provider, medical technology and life sciences markets. With over 5,000 technology professionals worldwide, CitiusTech powers healthcare digital transformation through next-generation technologies, solutions and accelerators. Key focus areas include healthcare interoperability & data management, quality & performance analytics, value-based care, omni-channel member experience, connected health, virtual care coordination & delivery, personalized medicine and population health management. CitiusTech has two subsidiaries, FluidEdge Consulting (www.fluidedgeconsulting.com) and SDLC Partners (www.sdldapartners.com), with deep expertise in healthcare consulting and payer technologies, respectively. CitiusTech's cutting-edge technology expertise, deep healthcare domain expertise and a strong focus on digital transformation enables healthcare organizations to reinvent themselves to deliver better outcomes, accelerate growth, drive efficiencies, and ultimately make a meaningful impact to patients.

Princeton | Rochester | Dallas | Boston | Philadelphia | Pittsburgh | Clarksville | Ontario | Mumbai | Airoli | Pune | Bengaluru | Chennai | Hyderabad | Gurgaon | London | Dubai | Singapore