



Shaping Healthcare Possibilities

Development and Tech Modernization for a leading engineering partner for MedTech ISV

11+ Years of Relationship

45+ Total FTEs on Current Projects

Business Challenge

Client is a leading data, software and technology partner for the health and government social services enabling Enterprise imaging, analytics, CDSS, RWE etc. services. Client has been working with the client for E2E development, QA across interoperability, data science, tech modernization etc.

Client required a trusted digital healthcare partner with a deep expertise in healthcare technology who could provide value added services for their initiatives.



CASE STUDY

APPROACH OVERVIEW

- CitiusTech worked with the client for the development, testing & localization support for their flagship viewer and sharing application.
- Provided our expertise in interoperability by providing HL7 interfaces using Mirth for cardiology workflow support.
- Enabled their UV to support 3D print workflow with the capability to create/edit 3D model.
- Provide NLP expertise to mine relevant data from unstructured data, reports and medical records.
- Enabled Bidirectional support for PACS Gateway Image Exchange on their cardiology PACS.

ICONNECT ACCESS

Application working on 8.4.1, 9.0 release features (28 FTEs across 5 scrum teams)

- Move Universal Viewer to .Net Core (targeted for 9.0).
- Update 3D code to use Fovia WebAPI (targeted for 9.0).
- Bug fixes and enhancements.
- Design and development of a Virtual layer for configuration and storage as part of iCA containerization
- Continued support on Manual, Automation and Regression\Patch Testing, in-sprint automation.
- Localization support for 6 languages.
- Staffed a team for Cloud and DevOps effort.



CARDIO & CADSTREAM



Cardio Product - Development and testing of Cardio Workstation features in iConnectAccess (11 FTEs)

- R-Wave Playback, R-Wave sync, R-Wave trim, Stage and View
- Currently working on Measurement features in the Cardio application
- Continued support on automation test scripting and testing

CADstream - Project development and V&V, regulatory doc updates, Patch testing, Performance testing, and defect fixing (4 FTE)

KEY ACTIVITIES

- Interoperability
- Product engineering
- Data Science
- Quality assurance
- Tech remediation
- Imaging Viewer
- Localization support

CURRENT AREAS OF ENGAGEMENT

Product Engineering

V&V Testing

Automation Testing

Performance Testing

Support

DevOps & Cloud

TECH STACK

- Mirth
- HL7
- PACS
- HTML4/HTML5
- Javascript
- Selenium
- .NET
- 30+ proprietary tools & tech

VALUE DELIVERED

11+

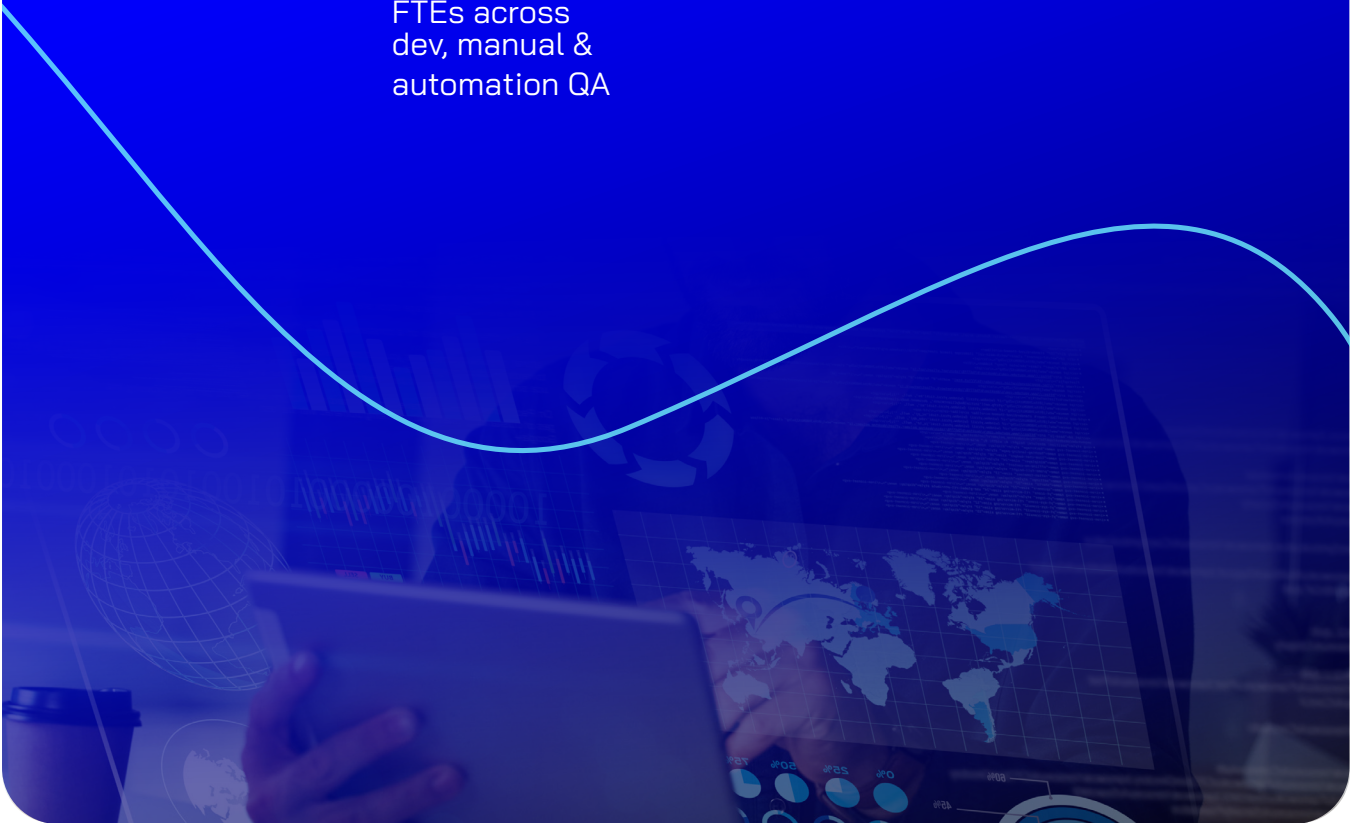
Years of
relationship

8+

Flagship products
supported

45+

FTEs across
dev, manual &
automation QA





Shaping Healthcare Possibilities

CitiusTech is a global IT services, consulting, and business solutions enterprise 100% focused on the healthcare and life sciences industry. We enable 140+ enterprises to build a human-first ecosystem that is efficient, effective, and equitable with deep domain expertise and next-gen technology.

With over 8,500 healthcare technology professionals worldwide, CitiusTech powers healthcare digital innovation, business transformation and industry-wide convergence through next-generation technologies, solutions, and products.

www.citiustech.com

Shaping Healthcare Possibilities

