

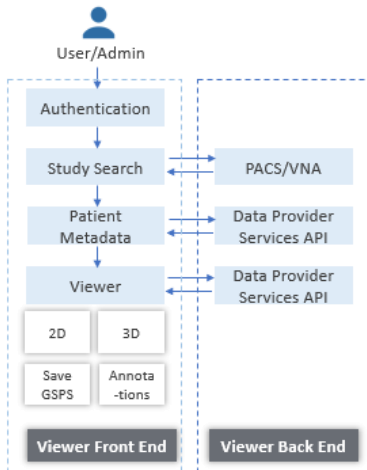
Case Study: ZFP Viewer for Leading Imaging Vendor

Client Requirements

Client is a leading healthcare medical device and imaging solutions vendor and wanted to build a web-based, multi-modality viewer that can be accessed from desktop and mobile devices.

CitiusTech was chosen as the preferred partner for this innovative engagement given its expertise in medical imaging and proven record of successful engagements with the client.

CitiusTech worked on various features in terms of development, enhancements, testing, maintenance support over the course of the engagement.



Solution Schematic

CitiusTech Services:

- Built a responsive UI with standard 2D viewer features including hanging protocol support & presentation state
- Enabled support for 3D rendering (MIP/ MPR) and customized views and rendering of non-DICOM documents
- Provided support to support DICOM images and share DICOM data to external archives
- Developed a reporting functionality which supports voice to text reporting
- The developed application also supports customizations for patient or study-based view
- The application enabled support for VNA integration
- The application supported a patient timeline to display studies chronologically

Value Delivered:

- Ensured Image rendering of the study is done in <3 seconds as KPI
- The 2D Viewer helped save up to 19% of radiologist's time by rendering faster images
- Enhanced the workflow through 32% reduction in duplicated tests with anytime access to data
- Image rendering using cloud solution made clinicians access the images faster and simpler