CitiusTech | **Case Study**

HEALTHCARE
LIMITLESS

Workflow Automation for Image Sharing Platform

Our vision is to inspire new possibilities for the health ecosystem with technology and human ingenuity. At CitiusTech, we constantly strive to solve the industry's greatest challenges with technology, creativity, and agility. Together with the world's leading Healthcare and Lifesciences organizations and our partners, we aim to accelerate the transition to a human-first, sustainable, and digital healthcare ecosystem.
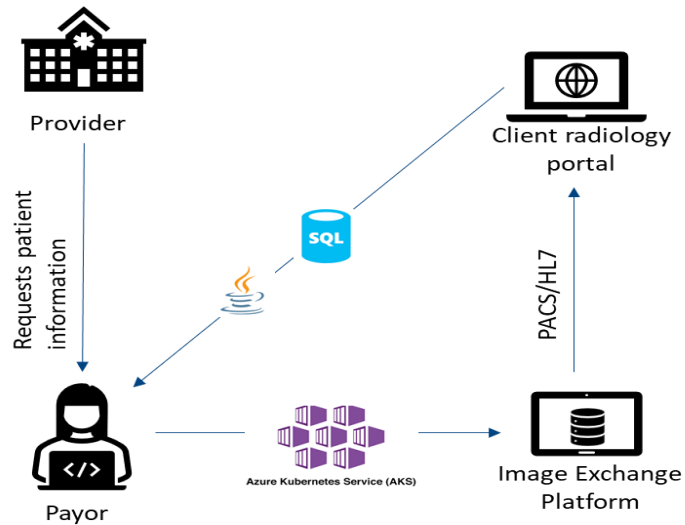
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Client Requirements

- Client is a leading provider of conversational AI and cloud-based ambient clinical intelligence for healthcare providers.

- Client has AI powered, cloud based medical image sharing and exchange platform.
  They partnered with a leading diagnostics intelligence company to enable providers, payors, and employers to work together under a radiology practice network.

- Payors used to manually request health information and client platform fetched the requested data from health facilities for analysis.

- Client wanted to automate this workflow to reduce the turnaround time.

Solution Schematic

CitiusTech Solution

CitiusTech leveraged its RPA, Azure DevOps, Java and SQL capabilities to automate the workflow of requesting and fetching patient data on image exchange platform.

- Provided REST endpoints to send patient data in payor accounts.

- Generated DICOM SR from study data and HL7 Report & created HIPAA Audit Event

- Uploaded Primary and Prior studies to payor account & dispatched them to payor PACS

- Deployed the solution across 10+ end customer sites

- Onboarded 3+ new customers under new payor workflow

Value Delivered:

- Automated the entire workflow and brought faster turnaround for exchange of imaging data

- Improved the ability to deliver AI-powered quality insights on demand, at scale, and within clinical workflows

- Enhanced the security of the entire functionality of image uploading