CitiusTech | Case Study

HEALTHCARE
LIMITLESS

Case Exchange & Image Archive 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.
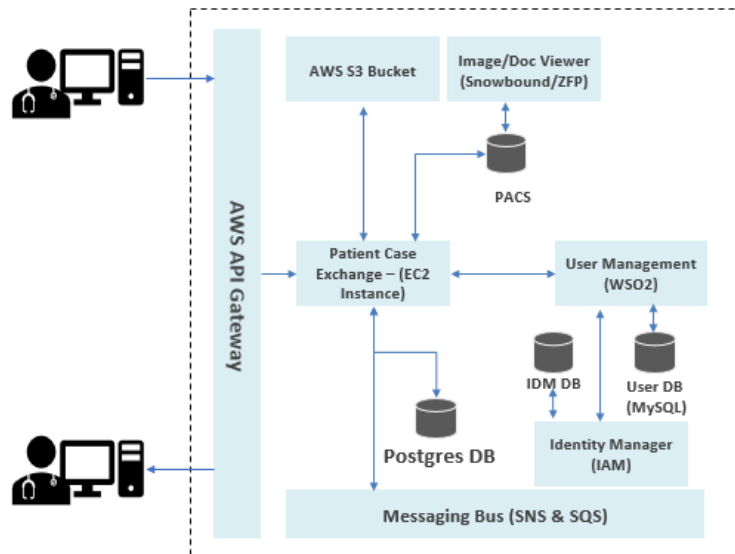
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Client Requirements

- Client is one of the largest provider of medical imaging systems and scanners.

- In order to increase care collaboration & enable faster diagnosis of the patient, client needed to dynamically share cases & connect with the physician, radiologist and other disciplinary team and wanted to build a seamless solution for case exchange between them

- CitiusTech was selected for this engagement given its cloud expertise and deep working knowledge of the client's ecosystem

Solution Schematic

CitiusTech Solution

- Enabled case exchange for everyone in the clinical network including the patient

- Developed deduplication functionality for imaging studies to get longitudinal imaging records

- Enabled Uploading of images from edge device to cloud and downloading the images from cloud to edge

- Auto routing functionality for the scans was developed to the available radiologist

- Developed Case locking feature for concurrent users

Value Delivered:

- CitiusTech's strong cloud deployment capabilities helped minimize the solution turn- around time

- Enabled loosely affiliated healthcare providers to share relevant images and associated information quickly and accurately

- Enhanced quality of diagnosis and care by delivering providers the information they need at the right time from anywhere

- Expedited access to patient case during time critical processes (e.g. Emergency room, Operation theatre)