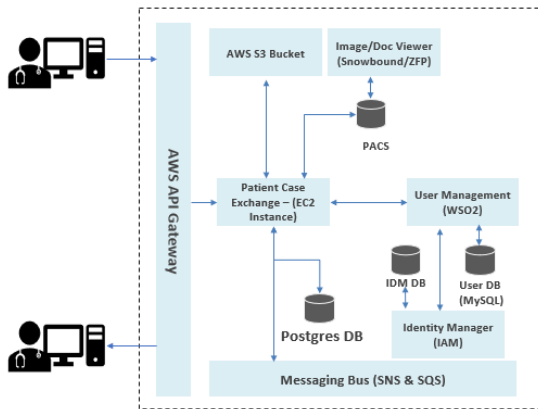# Case Study: Case Exchange & Image Archive Platform

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 Services:

- 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)

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