CitiusTech | Case Study

HEALTHCARE
LIMITLESS

Universal Viewer Modernization

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.
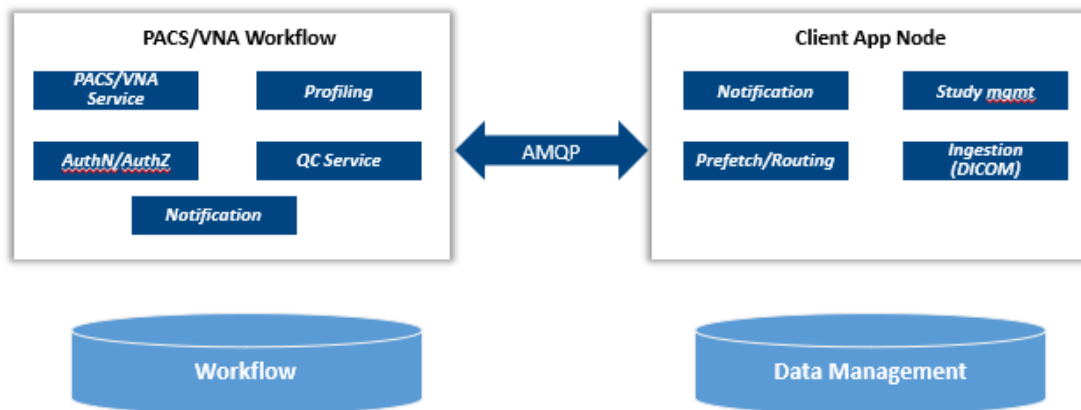
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Client Requirements

- Client is a top healthcare technology provider and wanted to maintain their viewer product by reducing the need for old or outdated technology.

- Client developed a feature called Direct Streaming, which allowed them to stream images directly from another imaging archive

- In order to make this work, they had to clear the technical debt of the viewer to integrate with the imaging archive

- CitiusTech was chosen for this engagement given its in-depth expertise of the product & its engineering capabilities

Solution Schematic

CitiusTech Solution

- Enhanced existing processes to utilize a common streaming infrastructure as a foundation for the viewer

- Added the ability to fetch various types of information simultaneously, such as orders and medical data.

- Simplified the management of system configurations across different components using a single tool, improving ease of use and reducing duplicated setups.

- Eliminated the need for external systems to locate images by using embedded image information.

- Enabled the system to display images directly from an external storage source.

Value Delivered:

- Developed features for the components to communicate through services to ensure their usage on the cloud

- Eliminated offline workflows & ensured image streaming is available only through cloud

- Simplified the platform and improved their maintainability