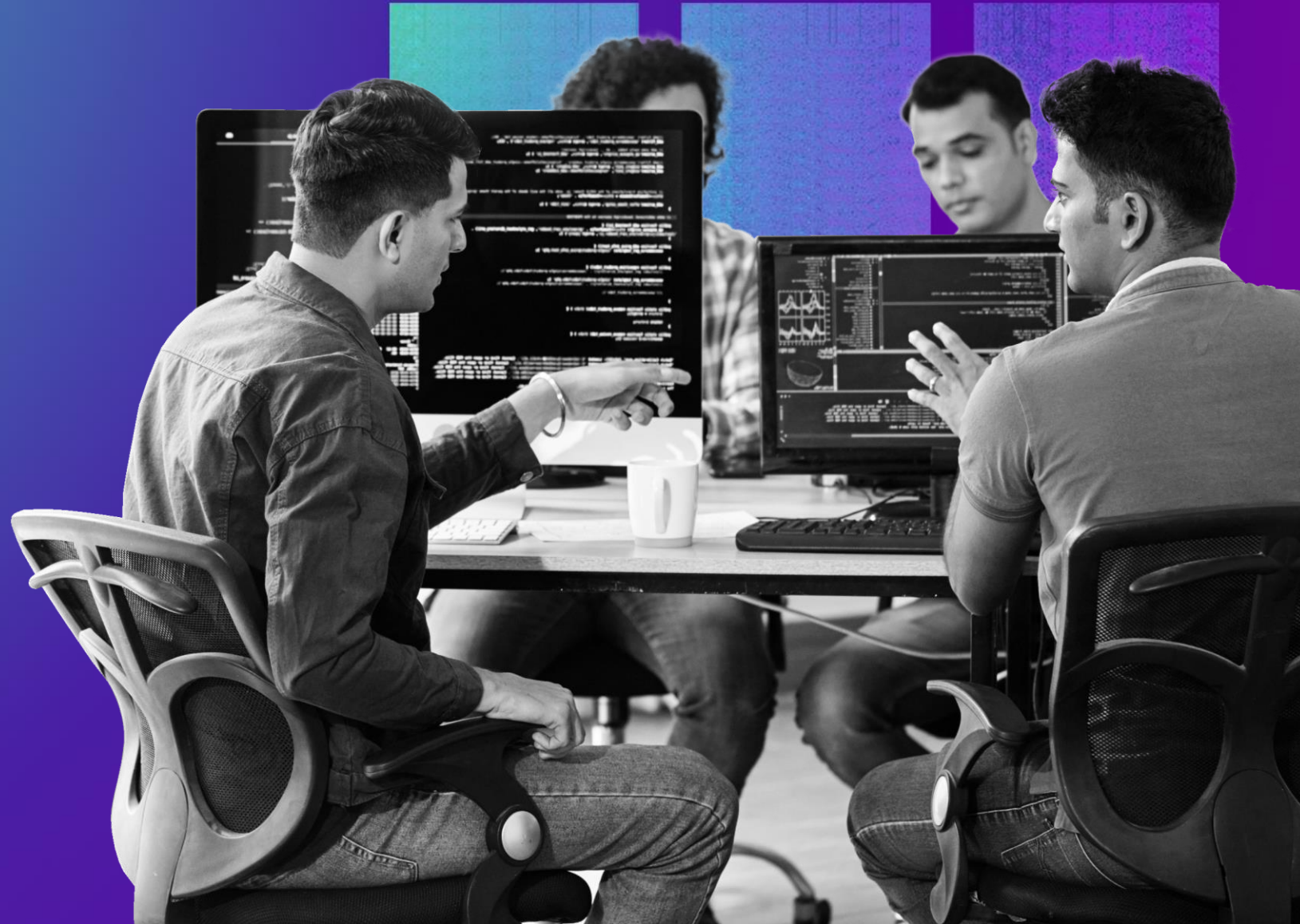**CitiusTech** | Case Study

HEALTHCARE
LIMITLESS

Edge Connectivity Design & Testing

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.
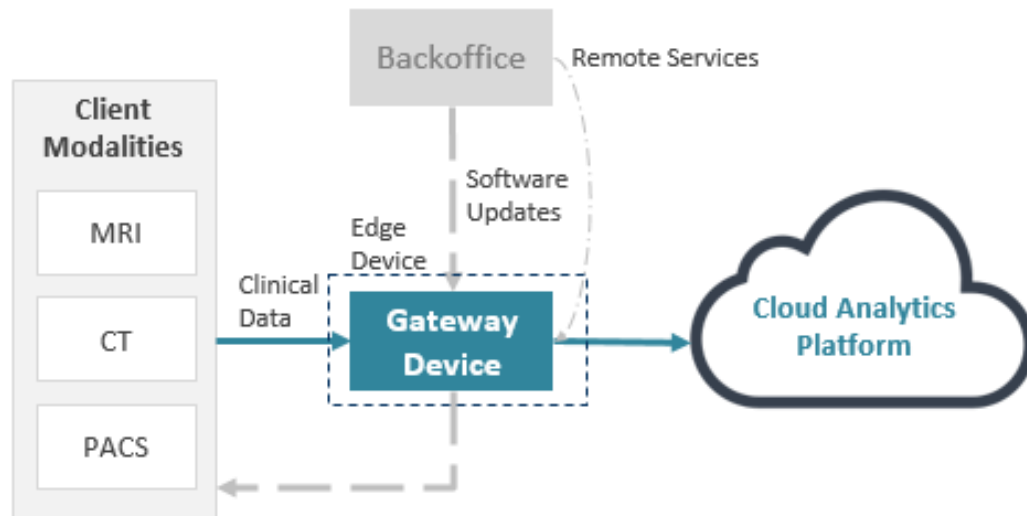
Get in touch: info@citiustech.com

Client Requirements

- Client is a leading provider of medical imaging software and modalities.

- Client needed expertise testing networking capabilities of its Edge devices acting as gateway for client's modalities i.e. PACS, CT etc. to connect to the central cloud analytics platform.

- CT teams provided implementation as well as testing support for gateway device to enable seamless software upgrades & capture of clinical data.

Solution Schematic

CitiusTech Solution

Design: CitiusTech team was involved in design and development of Edge services for modalities and on-prem solutions

Network Testing: CitiusTech team was involved with testing Edge devices using Clinical data. Activities Performed:

- Installing RSVP agents on the Edge Mini device. Installation of Operating System and then RSVP agent. The Agent will work as a UI between Client back office and the Modality. From back office client can now push software onto the modalities using Remote Service

- Pushing Images from PACS to Edge, the Edge device will transfer images to the CT machine

Value Delivered:

- Enabled Client to build a smart ecosystem with upgradable modalities and also build future app store platform

- Accelerated the seamless exchange of images to other caregivers

- Leveraged edge device for updating PACS and modalities