

# Migrating Ophthalmology Apps to AWS Cloud

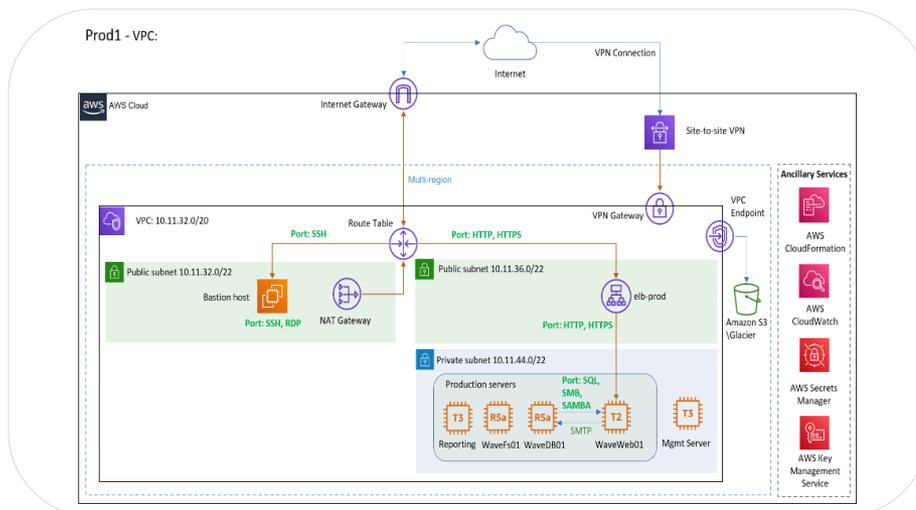


## Client Requirement

Client is the global leader in eye care, it's a largest eye care device company in the world. Objective was to make ophthalmology surgery app as a central hosting platform for its legacy devices as well as allow hosting of third-party devices.

Client engaged with CitiusTech to move existing infrastructure and new development to AWS for scalability and high availability.

## Solution Schematic



## CitiusTech Solution

- Performed deep dive infrastructure discovery and application portfolio analysis
- Team performed complete migration assessment based on factors like **Risk and Mitigation Strategies, Data Migration Strategy, security, performance, Governance Model** etc.
- Used Lift & Shift approach to move core infrastructure using **AWS Import/Export and Server Migration service**
- **AWS Migration Hub** used to track the status of the migration
- Utilized **S3 services** for object Storage(files/folder) when creating or updating
- Leveraged **AWS CloudWatch and Data Dog** for monitoring and log aggregation
- **AWS Guard Duty, Security advisor and AWS Certificate Manager** for secured access of services

## Value Delivered

- Reduced TCO by ~9% after right sizing AWS infrastructure resources
- Successful implementation for approximately 4,000 end-users for multiple devices and software.