



# **AWS based modernization/ migration of consumer critical apps and data**

## Business Problem

Our client was facing issues regarding platform compatibility. Some of their applications were still running from on premise data center and had to be moved to AWS cloud. They were facing following challenges:

- Multiple applications and platforms to be moved to AWS cloud which makes the process tedious
- Lack of documentation support and redundant data for on premise datacenter
- Poor application performance while accessing from different geo-locations

## Solution

- Multiple applications are rebuilt and architected again
- Oracle DB migrated to PostgreSQL DB
- Containerizations delivered through Amazon EKS architecture.
- Containerized applications are moved to Jenkins Continuous integration and further to Jenkins continuous deployment pipelines
- Mirroring approach employed in migration to AWS
- Removed dependency from centralized datacenter

# Business Benefits

- 31% reduced infrastructure cost through containerization
- Successfully supports 100,000 requests per second
- 100+ TB of data migrated from on-premises to AWS
- 62% increase in economies of scale after moving to AWS cloud
- 99.99% availability of servers

## ABOUT PARKAR DIGITAL

Parkar Digital, a Gold Certified Microsoft Azure partner, provides technology solutions for Digital Healthcare, Digital Retail & CPG. Our solutions are powered by the Parkar platforms built using Cloud, Opensource, and Customer experience technologies. Our goal is to empower a customer-first approach with digital technologies to deliver human-centric solutions for the clients

