

# Driving Efficiency Through Cloud Migration for a Leading Indian Bank



A leading Indian bank partnered with ITC Infotech to exit its legacy data centers and adopt a cloud-first strategy for scalability, cost efficiency, and agility. ITC Infotech as its single partner for Data Center Exit & Cloud Managed Services, designed a wave-wise migration plan, leveraging AWS-native tools to re-platform databases and simplify operations.

99% business uptime  
20% TCO reduction

ITC Infotech is a leading global technology services and solutions provider, led by Business and Technology Consulting. ITC Infotech provides business-friendly solutions to help clients succeed and be future-ready, by seamlessly bringing together digital expertise, strong industry specific alliances and deep domain expertise. The company provides technology solutions and services to enterprises across industries through a combination of traditional and newer business models, as a long-term sustainable partner.



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## CHALLENGES

- Requirement to exit legacy data centers and move to a cloud-based infrastructure
- Managing 500+ applications with 5000+ VMs and 100 TB of data spread across 2 data centers
- High dependency on existing infrastructure, leading to complexity, scalability issues, and high costs
- Need for a structured migration plan that ensured minimal disruption and maximum business continuity
- Significant licensing costs tied to diverse database flavors

## SOLUTION

- Designed and executed a precise wave-wise migration plan on AWS Cloud
- Migrated 500+ applications across 2 data centers within 18 months
- Adopted a hybrid approach:
  - -75% applications through Lift & Shift
  - - 25% applications Re-platformed for cloud optimization
- 25% of databases re-platformed to RDS, reducing licensing costs by covering almost all DB flavors
- Deployed native AWS tools such as AWS CloudEndure, AWS EnCore, and AWS A2C to streamline migration, reduce complexity, and enhance tooling

## RESULTS

- 20% reduction in Total Cost of Ownership (TCO) compared to on-premise infrastructure
- 99% business uptime, improving from 90% on legacy systems
- Applications successfully migrated with minimal disruption
- Reduced complexity and improved operational agility with cloud-native services
- Considerable savings in database licensing costs due to RDS re-platforming