Accelerate your Azure Cloud Journey with Tech Mahindra

Tech Mahindra's Cloud Adoption Framework (CAF) for Azure for a seamless migration & faster time to Cloud

51% of enterprises face their biggest challenge of understanding application dependencies, in their cloud journey*

To embark on your cloud journey and be successful you need a well-defined strategic roadmap. Tech Mahindra's services aligned to Microsoft's Cloud Adoption Framework (CAF) for Azure provides a robust cloud strategy which takes a data-driven approach to deep dive into the current IT landscape, provide a comprehensive assessment and present a crystal-clear executable plan.

CHALLENGES

- Lack of cloud preparedness due to legacy infrastructure & strategy direction
- 60% to 70% of the cloud migration projects face at least one failure for first time adopters*
- For mature enterprises, 35% of their cloud spend gets wasted*
- Insufficient cloud IaaS skills delays half of enterprise IT organizations' migration to the cloud by two years or more **
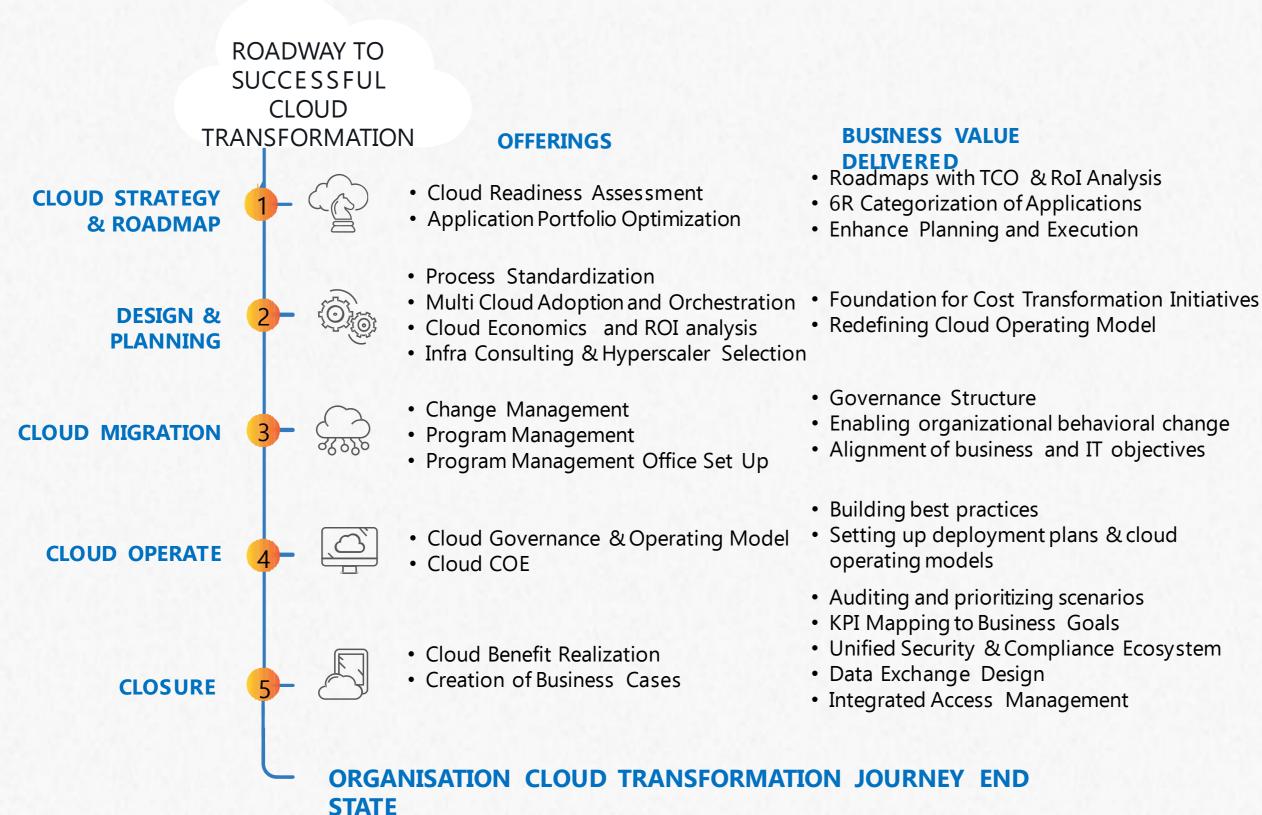
IDEAL SOLUTION

- Tech Mahindra's holistic Cloud approach helps customers accelerate their enterprise cloud journey by getting it right in the first go with the right cloud strategy
- Our proprietary solution accelerators are developed for every stage of the enterprise cloud adoption journey while aligning them to portfolio of services to Microsoft's CAF for Azure
- Covers the entire cloud adoption journey - Cloud Strategy Consulting; Accelerated Cloud Migration; Intelligent Cloud Operations/ Data and Analytics; Edge/Hybrid Computing and Enabling Cloud Native Applications.

DESIRED OUTCOMES

- Faster time-to-market - **80% automation reduces 2X migration timeline**.
- **30% reduced costs -** Exhaustive, matured, automated, tool-based consulting reducing delivery risks and assessment phase timelines by **3X**
- **3X faster business adoption -** Agile-based Migration Delivery Methodology integrated with DevOps automation recipes

TECH MAHINDRA SUPPORTS ENTERPRISES AT EVERY STEP OF THE CLOUD JOURNEY

ORGANISATION CLOUD JOURNEY

ROADWAY TO SUCCESSFUL CLOUD TRANSFORMATION

OFFERINGS

BUSINESS VALUE DELIVERED

ACCELERATORS/FRAMEWORKS

CLOUD STRATEGY & ROADMAP — 1

- Cloud Readiness Assessment
- Application Portfolio Optimization

- Roadmaps with TCO & RoI Analysis
- 6R Categorization of Applications
- Enhance Planning and Execution

Passport NxT   InfoWise® Enterprise metadata 360 Augmented by AI

DESIGN & PLANNING — 2

- Process Standardization
- Multi Cloud Adoption and Orchestration
- Cloud Economics and ROI analysis
- Infra Consulting & Hyperscaler Selection

- Foundation for Cost Transformation Initiatives
- Redefining Cloud Operating Model

MAC

CLOUD MIGRATION — 3

- Change Management
- Program Management
- Program Management Office Set Up

- Governance Structure
- Enabling organizational behavioral change
- Alignment of business and IT objectives

Blue Marble   mPAC™   UDMF©

CLOUD OPERATE — 4

- Cloud Governance & Operating Model
- Cloud COE

- Building best practices
- Setting up deployment plans & cloud operating models

TACTiX   iCOPS   FixStream meridian

CLOSURE — 5

- Cloud Benefit Realization
- Creation of Business Cases

- Auditing and prioritizing scenarios
- KPI Mapping to Business Goals
- Unified Security & Compliance Ecosystem
- Data Exchange Design
- Integrated Access Management

GAiA

ORGANISATION CLOUD TRANSFORMATION JOURNEY END STATE

Tech Mahindra

Seamless & Accelerated Adoption to Azure Cloud

Our Azure Cloud offerings aligned to Microsoft's CAF for Azure, help enterprises unlock opportunities and accelerate their growth with a full spectrum of enterprise cloud services powered by our proven accelerators, frameworks and solutions.

CLOUD STRATEGY & ADVISORY

- Establish 'Right Cloud strategy' as per business needs
- Perform "Cloud Ready Assessment' to determine right candidates for cloud migration
- Define a 'Application based Cloud Migration Strategy'
- Evaluate impact of issues related to Security, Governance, Risk and Compliance

END TO END CLOUD ADOPTION JOURNEY

- Accelerated Cloud Migration Framework along with our proprietary tools & industry expertise helps enterprises migrate and modernize applications while transforming the IT infrastructure.
- Proprietary solution accelerators aligned to Microsoft's CAF for Azure – MAC(Migration), PassportNXT (Strategy & Advisory), iCOPS (Cloud optimization), InfoWise (Metadata management), UDMF(Data management)
- Successfully **migrated 6,500+ applications** & developed **45+ domain specific and industry-focused cloud solutions**

MICROSOFT AZURE INTEGRATION EXPERTISE

- Tech Mahindra is a Microsoft Gold Partner, Azure Expert Managed Service Provider and Networking Managed Service Provider
- Certified CAF Partner & holds certified competencies like Advanced specialization on "Kubernetes on Microsoft Azure" and "Windows Server and SQL Server Migration to Microsoft Azure".
- With over **5,500 Cloud professionals, with 80% certified,** have hands on training in assisting enterprises through the end-to-end cloud adoption journey.

Azure Cloud Migration & Transformation For Prudential Life Assurance Thailand (Plt)

Tech Mahindra was responsible for the client's large scale Azure Cloud transformation journey with an agenda to eventually close down their DataCenter's and migrate the infrastructure & applications to Azure & SkyTap Cloud to bring in cost efficiencies & have a boundaryless flexible workflow with scalable infrastructure.

CHALLENGES

- The client had different variances of legacy core insurance platform and wanted to migrate to hybrid cloud while laying foundation for their digital platforms
- The client wanted to retain no CAPEX and wanted to move to a utility services mode of operations across towers – Datacenter, End User Computing, Networks and Asset Lifecycle management
- Apart from the scale of operations involved, the client planned to migrate 35+ business applications to the hybrid cloud by 2021

SOLUTION

- Conducted a deep-dive assessment of application and their inter dependencies to assist in finalizing solutions options, migration approach & orchestration analysis
- Successfully completed the migration of complex and business critical applications like Imaging & workflow, SunGL, ePOS Enterprise Service Bus with Tech Mahindra's standardized migration methodologies to support large scale data migration both offline and online methods
- Migration of ~30 Intel x86 applications running from on on-premise to Azure cloud and ~5 IBM business critical legacy applications to SkyTap taking into consideration the tight integration between x86 components

VALUE DELIVERED

- **Accelerated pace of migration** through Agile, CI/CD, Infrastructure-as-Code
- **Seamless migration** for multiple databases of more than 40 TB from on-premise to Azure Cloud
- **Migrated more than 60 TB** of IBM application data from on-premise to SKYTAP Cloud
- Increased the velocity of migration of COTS products from On-premise to Azure Cloud with ~30 applications and their databases migrated in 6 months
- Improved Service Delivery Model with up to **80% Automation**
- Committed cost savings for Client over 7-year period

World's largest Azure Cloud Transformation for a Fortune-100 Telecom Company

Tech Mahindra conducted an in-depth study of the client's requirements and leveraged our proven accelerators, frameworks, and solutions powered by Azure to assist our client in its multi year cloud transformation journey.

CHALLENGES

- Complex application ecosystem resulting in slower deployments & higher costs
- Reduce resource consumption and provide dynamic elasticity
- Planned to vacate underutilized data centers' properties and migrate 4,000+ apps and 200,000+ VMs to Azure cloud
- Need for faster time to market of new innovative services, leveraging cloud
- Consolidate its IT partner ecosystem by moving from multi vendors to selected strategic partners

SOLUTION

- With our knowledge of the client ecosystem and our existing key capabilities around the Azure migration factory, we worked closely with the client's team to move workloads from 5 data centers
- Our public cloud-first approach for non-network workloads, and Smart Migration Framework approach leveraging MAC, helped our client optimize 100% automated and CI/CD based migration, with over 50% optimization
- Created a centralized integrated modernization factory and development of E-2-E migration framework for seamless delivery

VALUE DELIVERED

- Delivered **40% TCO reduction and 35% productivity** increase via automation
- **Moved 4000+ apps to Azure cloud** and established a fully automated cloud tooling framework (alerting and dashboarding) and Netcool implementation
- Accelerated migration with **savings from day 1 of services**
- Implemented matured reusable automated framework, MAC, for faster migration
- Modernized and migrated apps, using automated tool-technology transformation from ColdFusion to Java

Tech Mahindra's Azure Cloud Services

GET A DEMONSTRATION:

CALL FOR MORE INFORMATION:

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ASK A QUESTION VIA EMAIL:

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