# MAKE DIGITAL



Case studies on Cloud Services



## Digital Journey with Global Brands



















































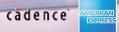
































## Companies Experiencing Successful Cloud Journey

### Microsoft Azure

#### **Cloud Native**

Mindtree is building the next-generation platform on Azure for a major airport products provider to integrate airport infrastructure and airline systems to increase operational efficiency



#### Cloud Advisory

A leading international airline used Mindtree to provide clear decision criteria for selecting private and public cloud platform providers and a cloud management platform

#### Portfolio Analysis

Defined a roadmap for migrating and implementing applications on cloud, and provided a hybrid cloud reference architecture for a manufacturer of household hardware

An Australian ICT provider leveraged Mindtree to offer laaS cloud services to its customers, which required integrating multiple technologies for northbound connectivity, multitenancy, isolation, charge back and scalability

#### Cloud Build



#### **Cloud Migration Factory**

A global CPG sought the expertise of Mindtree to move all web properties to cloud for the sale of its global battery business

#### Cloud Governance

A leading provider of consumerdriven marketing solutions automated governance to deliver security and financial optimization for its multi-cloud omni-channel advertising platform

#### Managed Cloud

Multinational PaaS provider tapped Mindtree as its anchor partner to reduce cloud build-out from 60 days to two days – supporting 6000 releases per month while reducing operational spend by 24%



## Companies Succeeding at Each of these Stages

#### **Cloud Native**

Mindtree deployed a cloud based DW solution and clickstream analytics for a large online grocery retailer taking more than 1M orders/month









#### Cloud Advisory

A leading international airline used Mindtree to provide clear decision criteria for selecting private and public cloud platform providers and a cloud management platform to accelerate its 2020 digital vision

#### Portfolio Analysis

Mindtree helped a top U.S. business school develop a migration plan, move from a Capex to Opex model with 30% savings and create a foundation for future application development

#### Cloud Build

International academic publishing company selected Mindtree to build a unified datacenter on cloud for agility and scale by vacating its 4 physical DCs

## Cloud Migration Factory

Mindtree helped a multinational food manufacturer unlock capital by 30% through cloud transformation for digital marketing operations by migrating its data center from Rackspace ® to Amazon Web Services

#### Cloud Governance

A global auto manufacturer turned to Mindtree to reduce digital asset redundancy and improve search, approval and reporting – ensuring 99.5% application availability and optimizing cost by 50%

#### Managed Cloud

Mindtree built an automated tool for monitoring ~800 transient EMR clusters using spot pricing model for on time availability of data to CXOs at a global mass media corporation



## Large Airline embarks on Cloud Strategy Roadmap and Cloud Vendor Selection



Airline wanted to revolutionize customer experience with cloud as a critical component. Mindtree advised and developed standards for how to go and whom to go with for Cloud

**Issue** 

Independent decision making of cloud adoption across eight business units

#### Mindtree approach

**CSP** evaluation

Selected private and public cloud providers and cloud management platform

**Cloud blueprint** 

Created the decision criteria, use cases, evaluation scorecard and security set-up Anchor partner

Drove consensus amongst business groups to create a unified reference architecture for cloud adoption

2020

Accelerated digital vision with a cloud-first approach



## Top US Business School utilizes Analysis



Business school wanted to adopt Cloud Services for hosting a portfolio of 150 applications for students, faculty and alumini

#### Issues

Migrating existing IT portfolio to the cloud with a phased migration plan while maintaining high security

#### Mindtree approach

#### Migration plan

Built a phased approach aligned to application complexity, business need and customer preferences

#### **Cloud architecture**

Created a hybrid cloud reference architecture to move away from on premise identity solution

#### **Change management**

Built a foundation for future application development and redefined roles for cloud management with an inclusive plan for application and infra teams

30%

Cost savings by moving from a Capex to Opex model



## Australian ICT Builds One of the Largest Azure Architectures



A leading Australian information and communications technology (ICT) provider wanted to provide laaS cloud services to customers

#### Issues

Rapid time to market, integrating OSS and BSS systems with self-service portals, multi-tenancy with isolation, and security monitoring

#### Mindtree approach

#### **Secure solution**

Provided scalable and highly available Microsoft cloud OS network solution using Azure pack

#### Integration

Multiple technologies for northbound connectivity, multitenancy, isolation, chargeback and scalability.

#### **Hybrid cloud**

Supported multiple use cases including bursting

#1

Gained first-mover advantage to provide laaS cloud services



## Multi-national food manufacturer unlocks capital through migration



Food manufacturer needed to migrate its data center from Rackspace to cloud, including 700 digital properties

#### Issues

Mitigating migration risk for its top sites that accounted for 75% of traffic volume

#### Mindtree approach

#### **Migration factory**

Proposed strategy and sequence of migration with a factory based use of third-party tools for lift-and-shift scenarios.

#### Cloud build

Data center designed including network, web application firewall, cloud monitoring

#### 99.9% availability

Applied CloudOps and DevOps

30%

More cash flow for investments in new areas



## Major Airport Products Provider goes Cloud Native on Next-generation Platform



Air transport specialist envisioned continuous availability and real-time reconfiguration of airport equipment and devices using cloud based products to drive personalized traveler experiences

#### Issues

Redeveloping airport systems to increase market share, improve operational efficiency and launch products faster

#### Mindtree approach

#### **Azure-based platform**

Built on serve-less computing using IoT Hub, Azure Machine Learning (ML), Universal Windows Platform (UWP), App Service and Application Insights

#### Remote management

Centralized cloud management of airport infrastructure like printers, scanners, boarding gates and other devices

#### Sense and Respond

Airport ecosystem enabled through machine learning for anomaly detection and preventive maintenance

400

Airports will have the infrastructure managed on cloud



## Global Auto Manufacturer Governs Digital Assets across the Supply Chain



Auto manufacturer struggled to manage 25 TB of digital assets stored across 15 disparate applications for three global brands

#### Issues

Reducing digital asset redundancy and improve search, approval and reporting with a DAM system of 5000 users

#### Mindtree approach

## Multi-country SaaS platform

A secure, always available and high performance solution on cloud with a lower infra cost

#### DAM

Helped third party DAM provider to change the product deployment to cloud deployment

#### Single source of truth

Reduced onboarding time of newer brands by 25%

50% & 99.5%

Reduction in operational costs and application availability



## World's Largest Public PaaS Outsources Cloud Management



Multinational PaaS provider needed an anchor partner to rapidly build out, operate and manage its services

#### Issues

Expanding the reach of company's
PaaS offerings and manage its service performance, QoS, SLAs, and monitor the environment

#### Data center build-out

Set up new clusters/clouds across various DCs and develop diagnostic tools that detect, record and recover hardware problems

#### Mindtree approach

#### **Livesite monitoring**

Monitor health of datacenter – utilization, faults and other events

#### **Customer Support**

Providing 24x7 customer support, cloud Management and incident Management

6000 & 24%

Reduced cloud build-out from 60 days to two days – supporting 6000 releases per month – delivered a 24% reduction in operational spend



## Mindtree: Your Anchor Partner to go "Cloud First"

Identify and assess the key decisions to embark and manage deployment of Cloud

Business case with a metrics-driven ROI roadmap aligned to business priorities

Align Cloud strategy to the shift in digital business

Foster ideation for choosing the right cloud technology roadmap based on fundamentals of design thinking

Move to the cloud seamlessly by migrating or developing a new application

Realize operational efficiency by rationalizing data centers to move to Cloud

Build continuously available systems at high speed with agility

Deploy business applications (customer experience to data analytics) with a Cloud-first mindset

Unified governance, performance and management of Cloud

Establish standards to follow, create clear direction and consistency in managing cloud services

Deliver and manage a best-of-breed cloud ecosystem with a single point of accountability

Extreme automation and single enterprise view through an automated and secure platform



# Welcome to possible

Thank you

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