# MAKE DIGITAL



## Winning in the Digital Age with Cloud



## Mindtree at a Glance

We engineer meaningful technology solutions to help businesses and societies flourish



\$713M annual revenue





**65% 25% 10%** US Europe APAC

42 17 offices countries





## Offerings

	Retail, & Manufa		Travel, H & Transp		Banking, Ins Financial		Technology	y & Media
	Solution Architecture - Central Architecture Group							
	Digital (e-commerce, Marketing, Mobile, Cloud)	Data- warehouse & Analytics	ERP (SAP, S/4HANA, Oracle)	EAI (BPM, SOA)	Engineering R&D	Independent Testing	Infrastructure Management	Mainframe & Midrange
			File F	Project & Progra	am Management	:		
A Com	Agile Application Development & Maintenance		ent &	Managed Services		Application Maintenance Services		
A AND	() Mindtree	Fr.						3

## Digital Business is 38% of Mindtree Revenues



## **Empowered to Win Big in Digital**



Mindtree

A Leader in The Forrester Wave™: Application Outsourcing Capabilities Of Midsize Offshore Vendors, Q4 2016." " Leader in 'Zinnov Zones for Digital Services' May 2016

## Cloud is a Critical Component in the Move to Digital Business

Shaping

innovative business models and partnerships



Creating digital customer experiences

**Digitizing** the value chain

**Developing** "sense-andrespond" systems





## **Growing Pressures to Accelerate Cloud Adoption**

#### **Business Drivers**

New business services and models

Speed and agility

Cost of experimentation

	1 P 2 P
<u> </u>	
	- D )
	)
	1.24
	100
$R_{UI}$	nning
I CO	

Running data centers Managing nonmission critical applications

Inhibitors

ц Ц

O-

Automation and DevOps practices

### **Opportunities**

Free up budgets for discrete spend on digital transformation

Create process standardization and efficiency for digital service applications

Deliver business solutions in a faster, scalable and agile fashion

Build Cloud native strategic platforms for business differentiation and continuous availability



## Seven Stages to Win in the Digital Age with Cloud

A holistic approach from advisory to operations to transform your business and drive innovation and efficiency

#### Cloud Native

Enterprise collaboration Continuously available business platforms Multi-cloud serverless architecture SaaS implementation and integration





## Cloud Advisory

Readiness assessment Roadmap and strategy Architecture audit Change management Security roadmap Innovation incubator: Digital Pumpkin

### Portfolio Analysis

Current state analysis Cloud fitment analysis Migration plans and timelines

### Cloud Build

Cloud data center design, sizing and build Private cloud build-out

Cloud Migration Factory

Migration factory Cloud-to-cloud movement

#### **Cloud Governance**

Cloud governance lifecycle model Secure governance practices setup Finance management RACI matrix Cloud sustenance

Managed Cloud

CloudOps and DevOps



## 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

#### **Cloud Build**

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 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

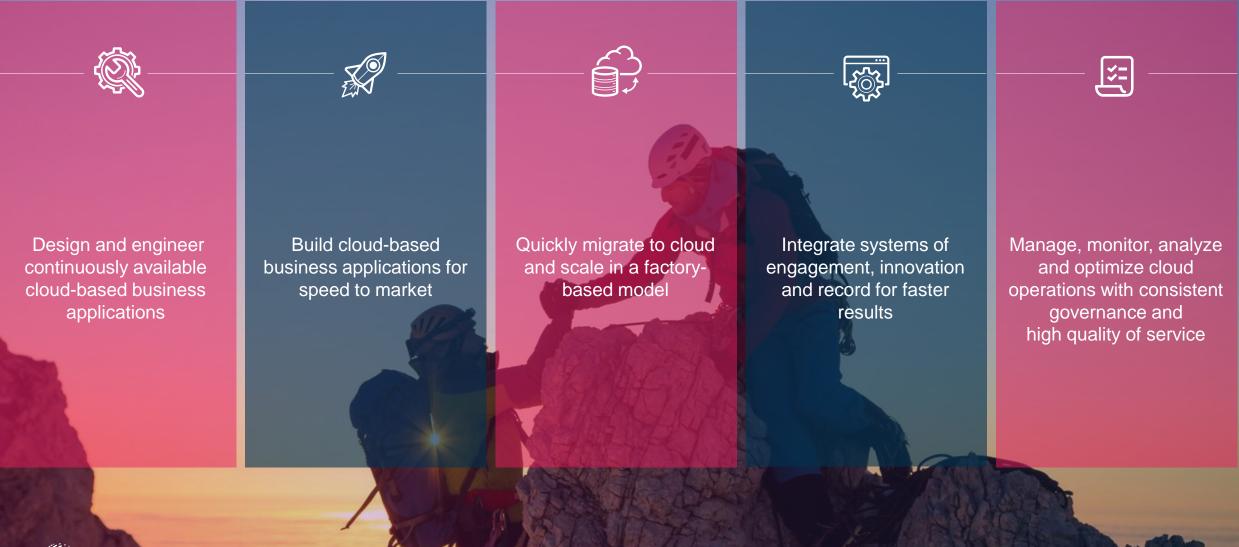
A global auto manufacturer turned to Mindtree to reduce digital asset redundancy and improve search, approval and reporting – ensuring 99.5% application availability and optimizing cost by 50%

## 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



## Going "Cloud First" Starts with the Right Anchor Partner



11

## Accelerating Shift to Cloud with Mindtree





## **Cloud Partners**





## Stage 1: Cloud Advisory



Develop comprehensive strategies to deploy and manage cloud environments

- Business case with a metrics-driven ROI roadmap aligned to business priorities
- Framework for an approach (public, private, hybrid), type of cloud (laaS, PaaS, SaaS), CSP and cloud management platform
- Comprehensive assessment of what, when, and how to migrate applications and processes to the Cloud

## Mindtree Offers:

- Readiness assessment
- Roadmap and strategy
- Architecture audit
- Change management
- Security roadmap
- Innovation incubator: Digital Pumpkin



Cloud reference architecture kit Cloud decision criteria kit

#### Architecture for transforming operational efficiency at airports with a Cloud native industrial IoT solution

Digital Pumpkin innovation hub to fuse cloud first thinking

## Stage 2: Portfolio Analysis

## Determine proper sequence of applications/workloads in complete IT portfolio

- Analyzing current applications and infra landscape
- Assessing total cost of ownership to plan IT budgets
- Aligning Cloud strategy with the overall shift in digital strategy
- Justifying to cloud service provider investments while ensuring a strategic approach to cloud

### Mindtree Offers:

**30%** cost reduction

- Current state analysis
- Cloud fitment analysis
- Migration plans and timelines



Cloud fitment analysis kit	Digital asset platform for auto manufacturer
Environment discovery toolset	<b>50%</b> cost optimization
	99.5% availability

## Stage 3: Cloud Build

Build an agile, cloud-first environment that aligns with an organization's business objectives

 Ensuring scalable cloud adoption by putting together foundational elements, including network design and identity federation

#### Mindtree Offers:

- Cloud data center design, sizing and build
- Private cloud-build out

	For a telecom company built a	For a global food manufacturer
100+ library of templates	private cloud	<b>25%</b> savings in
Cloud Bag	Analytics and heuristics	operational spend
	automation foundation	Unlocked capital by <b>30%</b>



## **Cloud** Migration

# $(\mathbf{x})$

## Efficient migration of applications and environments to Cloud

- Reducing operational costs, while increasing IT effectiveness
- Application and environment migration approach and order
- Faster realization of Opex with on-time migrations
- Improving application speed and availability with pre-defined templates designed for specific workloads

## Mindtree Offers:

- Migration factory
- Cloud-to-Cloud movement







## **Cloud Native**

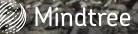
Deliver insights from data at speed, build faulttolerant systems and create architectures to drive innovation

- Strong understanding of today's customers, workforce and partners, and their needs
- Building resilient, scalable cloud native solutions to enhance productivity, inclusivity and innovation for workforce and partners
- Improving business processes with minimal overhead costs and manual efforts

#### Mindtree Offers:

- Enterprise collaboration
- Continuously available business platforms
- Multi-cloud server-less architecture
- SaaS implementation and integration

4000+ projects	Multi-cloud SaaS platform Drives engagement and loyalty with dealers, partners and distributors of a multinational conglomerate		
For a hearing aid manufacturer IoT enabled personalized ecosystem	Increase in employee productivity for a CPG major <b>20 M hours</b>	Decision Moments Analytics Platform Gladius IoT-based video surveillance platform	



## **Cloud Governance**

# Measuring principles and processes required for operating in the cloud

- Ensuring high availability and continuous optimization across the business application ecosystem
- Assessing performance and utilization to deliver greater value and insights

#### Mindtree Offers:

- Cloud governance lifecycle model
- Set up secure governance practices
- Finance management
- RACI matrix

100%

automated governance

for security and

financial optimization

## Unified billing systems

Hardware integration and analytics expertise

#### 20TB

governance of digital assets

#### Security and financial optimization

Automated governance for multi-cloud omni-channel advertising platform





## **Cloud Management**

Mindtree

Manage IT performance and receive insights into cloud performance and utilization

- Delivering and managing a best-of-breed cloud ecosystem with the convenience of a single point of accountability
- Single and automated view of applications and infrastructure layer Realizing greater value and insights through continuous optimization and efficiencies

### Mindtree Offers:

- Cloud sustenance
- CloudOps and DevOps



## 100% SLA adherence in run operations One of the world's largest cloud

Unified DevOps platform with RPA, machine learning and test automation

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

Identify and assess the key decisions to embark and manage deployment of Cloud Move to the cloud seamlessly by migrating or developing a new application

Business case with a metrics-driven ROI roadmap aligned to business priorities Realize operational efficiency by rationalizing data centers to move to Cloud

Align Cloud strategy to the shift in digital business

Build continuously available systems at high speed with agility

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



Sponsorship & workshop to navigate a successful Cloud journey – regardless of what stage you are in this journey

## Sign Up Now!



# Welcome to possible

Thank you Contact: Manoj.Karanth@mindtree.com