

# Enabling Enterprise Agility with DevOps

Tech Mahindra's Business Excellence Services



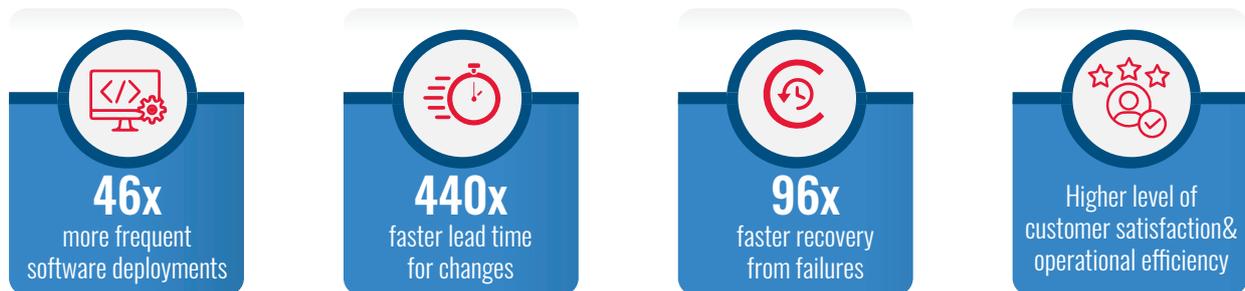
**Business Excellence (BE.)**  
Digital Transformation Consulting

## OVERVIEW

Digital business is now the new norm and 'time-to-market' is the key differentiator for every business. Customer's insatiable appetite for the next digital product and service drives the need to deliver high quality, innovative software solutions that delights customer and helps the business to stay competitive and succeed. Thus, businesses are under extreme pressure to create new value for their customers through software driven innovation. One significant way for achieving sustained software based innovation is DevOps. It bridges the gap between agile software development and operations by breaking down the silos.

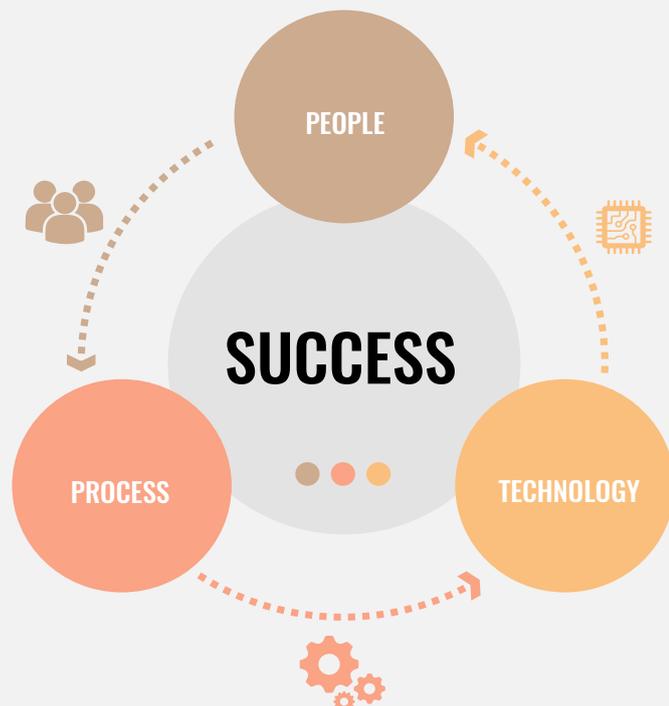
DevOps promotes collaboration between the Development and Operations team, integrates associated processes and tools to ensure continuous software delivery with a continuous feedback loop to respond to customer needs.

## A LITTLE DEVOPS GOES A LONG WAY<sup>1</sup>



## HOW DEVOPS WORK?

DevOps is the union of People, Process and Technology to enable continuous delivery of value to end users. It aims to create a culture and environment where building, testing, and releasing software can happen rapidly and more reliably. This helps IT to stay agile and deliver at the speed which business demands.



## BENEFITS OF TECH MAHINDRA'S DEVOPS CONSULTING SERVICES

*With us, help your business win, serve and retain more customers!*



**Accelerate time to Market**



**Better Quality**



**Stability**



**Continuous Delivery**



**Reduced Cost**



**Improved Collaboration**

## TECH MAHINDRA'S COMPREHENSIVE DEVOPS SERVICES

*Are you ready to shift to enterprise agility via DevOps? We can help you navigate the DevOps transformation!*

Embracing DevOps is a transformational journey; it requires adequate planning and guidance from experts. To implement DevOps successfully and facilitate significant IT change, you will need a partner who can help you define, implement and run DevOps to compete successfully in today's high velocity business. At Tech Mahindra, we offer comprehensive DevOps solutions and services across the lifecycle from assessment to implementation to operations.

### DevOps Advisory Services

We strategize and align business agility needs with IT. Evaluate selection and fitment of solution based on organization culture, process and technology landscape

### DevOps Implementation Services

We design and implement DevOps solutions based on optimized/reengineered process

### DevOps Support Services

We help development, operations and delivery teams to function seamlessly with our support services

### Application Delivery Optimization Services

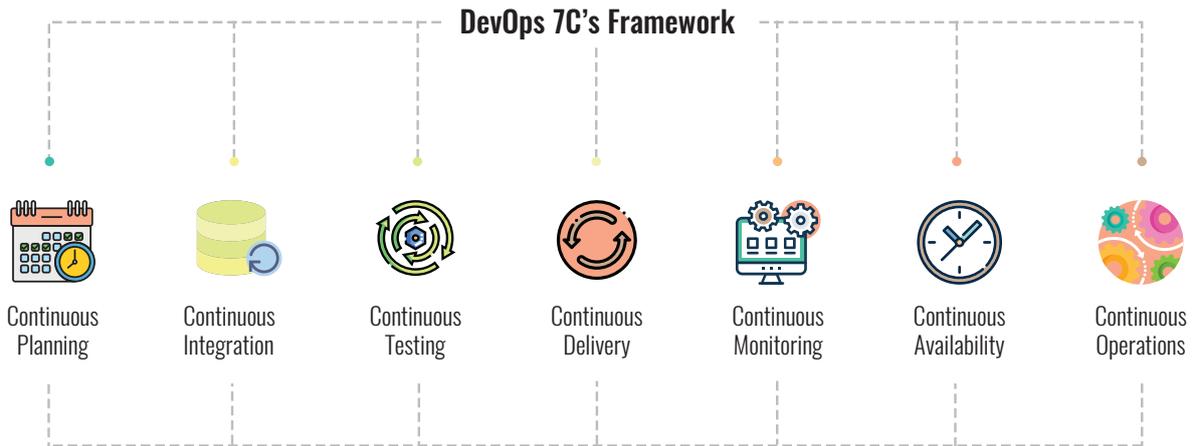
We provide hosting services coupled with opex offering

**FOR WHATEVER YOU NEED IN THE DEVOPS JOURNEY – WE ARE THERE!**

# OUR MIGHTY DEVOPS APPROACH

*We ensure that your DevOps Implementation is smooth, on time, within budget and meets your business requirement!*

At Tech Mahindra, we assess your maturity and undertake a collaborative approach across people, process and technology to help you on your DevOps journey. We leverage the strategic alliances with our partners and bring our own accelerators and frameworks to bear. We focus on perfecting the 7Cs of DevOps—‘Continuous Planning’, ‘Continuous Integration’, ‘Continuous Testing’, ‘Continuous Delivery’, ‘Continuous Monitoring’, ‘Continuous Availability’ and ‘Continuous Operations’.



DevOps needs multidimensional change

## People



- Skills
- Capability
- Culture
- Collaboration

## Structure



- Governance
- Roles & responsibilities
- Lines and boxes
- KPIs and Goals

## Process



- Modularity
- Incremental development
- Visibility management
- Visual management

## Technology/Tools



- New age technology
- Service based architecture
- Flexible infrastructure
- End to end tool integration

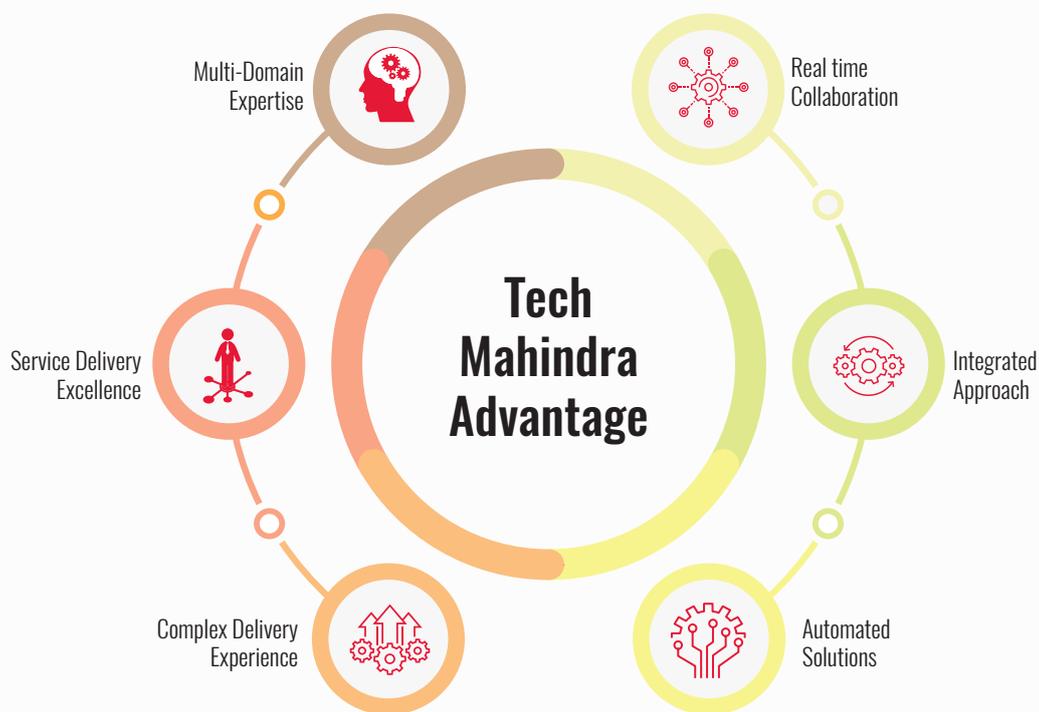
**DRIVE YOUR ORGANIZATION'S SUCCESS WITH OUR MIGHTY APPROACH**

## WHY CHOOSE US?

***DevOps is not new to us; it is embedded in our DNA! Our DevOps experts can immediately help your organization start reaping the benefits of DevOps***

A typical DevOps journey is complex with many start and stops along the way. It involves taming multiple pockets of turbulence around engineering, process and culture. Unless organizations have the depth and maturity to handle these jitters, they may lose sight of the end goals. We bring you hard-earned lessons from our journeys — implementation chops and efficient vendor ecosystems that helps you stay the course. Our experienced eyes quickly find the gaps in collaboration and integration that are obstructing your path to DevOps adoption and efficiency.

Our large pool of DevOps experts help large enterprises and startups in end-to-end DevOps implementation right from consulting, assessing practices, setting up the DevOps environment and using best in class tools to automate entire delivery pipeline. We have delivered over 50 complex rollouts using DevOps across multiple domains.



## OUR ACCELERATORS AND FRAMEWORKS

We have deep expertise in DevOps, time-tested implementation frameworks and alliance partners, covering all aspects of tooling. We bring all these ingredients together and fuel your DevOps to run faster.

## OUR PARTNERS

At Tech Mahindra, we go to great lengths to assure our clients the best of services. We have collaborated with Global Tool Vendors (CA, IBM, AWS, HP, Microsoft, Atlassian, Red Hat, Basis, Pivotal and CollabNet) to allow us to address our clients' DevOps related challenges in a systematic way. Our integrated tool ecosystem plays an important role in process automation and data orchestration across software delivery value stream.

## OUR IPs TO FAST TRACK AGILE

### ADOPT<sup>®</sup>

ADOPT is an Application Delivery Optimization Platform that helps in orchestrating process flow & information flow across tool stack, to achieve end-to-end automation. ADOPT is focused on optimizing the delivery cycle through automation of all possible value streams delivered through a collaborative approach by engaging people and enabling them to establish interaction of processes and integration of tools. ADOPT offers automation, efficiency and faster time to market!

#### ADOPT Service offerings

- Agile Implementation and Continuous Delivery
- Enterprise Release Management & Orchestration
- Environment Provisioning & Configuration Management
- Continuous Integration & Testing
- Continuous Deployment
- Continuous Monitoring
- Operation Automation & Analytics
- Lifecycle Integration & Traceability

### D3OP<sup>®</sup>

D3OP framework provides a holistic approach to the adoption of Agile, DevOps and advanced software techniques. It infuses DevOps throughout the enterprise via an iterative process of transformation. D3OP cultivates a culture supporting Agile methodologies and DevOps practices and fosters organizational transformation with empowerment, trust, transparency and performance through training, coaching and mentoring.

#### D3OP Service offerings

##### D3OP Benchmark

A web based assessment model that uniquely measures team maturity (cultures and behaviors) and product / application maturity in areas related to Agile, DevOps and advanced software techniques.

##### D3OP Enterprise Academy

Offers instructor and web enabled training / workshop with tailored curriculums for executive, product folk, developers, testers and operations personnel.



## OUR CLIENT SUCCESS STORIES

### Speeding-up delivery transformation journey for a leading Network major

Our client, a leading network major wanted to transform their IT Delivery services into a strategic and competitive continuous delivery platform to reduce time-to-market, improve software quality and optimize cost of delivery. Tech Mahindra's DevOps team helped the client to achieve this goal by implementing a cutting-edge DevOps continuous delivery process, integrating all the touchpoints of SDLC and also baking-in agility and automation right from the start.



### Leading enterprise-wide platform modernization for railroad major

Our client, a major freight railroad network in North America undertook an enterprise-level transformation to modernize its legacy application suite and transition to a next-gen architecture. Tech Mahindra's DevOps team helped the client by providing a full spectrum of DevOps services spanning strategy consulting, training, implementation and support for actualizing these business changes and implementing the transformation strategy.



## DO YOU HAVE THESE CHALLENGES AT THE TOP OF YOUR MIND?

How do we gain edge in the competitive market?

How can we have a stable release?

How can we ensure early defect detection?

How can we release on time?

How do I attain 100% automation for our release management programs?

How can we have anytime business release?

## CONNECT WITH US WE CAN HELP YOU

To learn more about how we can help you reap the benefits of DevOps, please write to us at [befutureready@techmahindra.com](mailto:befutureready@techmahindra.com)

## ABOUT TECH MAHINDRA

Tech Mahindra represents the connected world, offering innovative and customer-centric information technology services and solutions, enabling Enterprises, Associates and the Society to Rise™. We are a USD 4.7 billion company with 115,200+ professionals across 90 countries, helping over 903 global customers including Fortune 500 companies. Our innovation platforms and reusable assets connect across a number of technologies to deliver tangible business value to our stakeholders. Tech Mahindra is also amongst the Fab 50 companies in Asia as per the Forbes 2016 List.

We are part of the USD 19 billion Mahindra Group that employs more than 200,000 people in over 100 countries. The Group operates in the key industries that drive economic growth, enjoying a leadership position in tractors, utility vehicles, after-market, information technology and vacation ownership.

## ABOUT TECH MAHINDRA'S BUSINESS EXCELLENCE SERVICES

We are the Business Excellence team, Tech Mahindra's consulting unit. We help clients achieve business objectives in the digital era.

- We work with clients to develop and implement digital transformation strategies that impact their products and business models
- We help our clients transform their operations and processes in line with this strategy
- We also help them build a key enabler for achieving these objectives: agility and automation in the technology function
- Our program and change management services ensure on-track implementation of the various transformation initiatives

All of these services are underpinned by proven methodologies, frameworks and tools. These are based on design thinking approaches that ensure stakeholder buy-in at each stage.

Our clients find our global experience, collaborative approach, and the ownership we bring to ensure outcomes in every one of our engagements, as a key differentiator.



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