AZURE DEVOPS 5-DAY ASSESSMENT

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THE FUTURE STARTS NOW

13K+

Associates

41

Offices
Europe, USA & APAC

12+

Countries
With SoftServe clients

78

NPS score (Global)

10,500+

Engineers

1700+

Certified
Cloud Engineers

ISO

27001 : 2013
Standard

30%

CAGR

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GLOBAL NETWORK

13,000+ experts in
41 offices globally

OUR PEOPLE MAKE THE DIFFERENCE

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FEATURED CUSTOMERS

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SOFTSERVE MICROSOFT OVERVIEW

MICROSOFT GOLD PARTNER

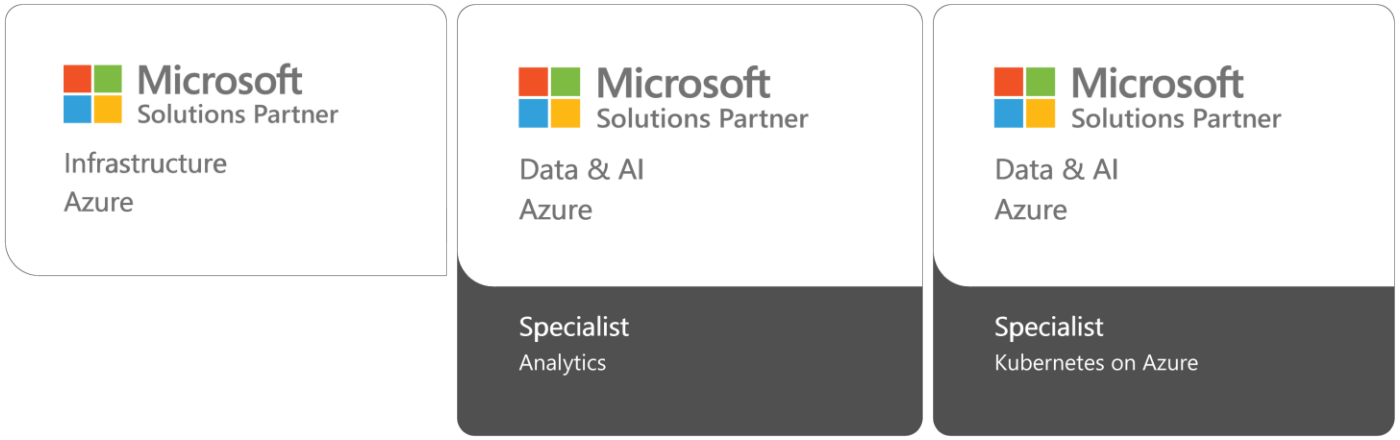
Partner since **2004**

MICROSOFT PRACTICE

- **2** Microsoft MVPs
- **500+** Satisfied Customers
- **1,000+** Delivered Projects
- **1,200+** Microsoft Certified Professionals
- **150+** Azure Certified Professionals

PROGRAM PARTICIPATION

- ECIF Eligible
- AMMP Eligible
- AAAP Eligible
- Solution Assessment Partner (UAE only)
- **14** Co-sell Marketplace Offerings



3X SOLUTION AREAS

- Data & AI
- Digital & App Innovation
- Infrastructure

2X ADVANCED SPECIALIZATION

- Kubernetes on Azure
- Analytics on Azure

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SOFTSERVE CTO ORG CENTERS OF EXCELLENCE

RESEARCH & DEVELOPMENT

- R&D Innovation
- Feasibility Study
- R&D as a Service
- Deep Tech Research
- Advanced AI

EXPERIENCE DESIGN

- Design Thinking
- Design Research
- Design Strategy
- Product Design
- Service Design
- Design Ops

SOLUTIONS

- Digital Strategy
- Business Analysis
- Product Management
- Architecture
- Performance Testing

INTELLIGENT ENTERPRISE

- Big Data
- Data Science, AI/ML, MLOps
- IoT
- Robotics
- Extended Reality (AR / VR / MR)
- GDPR
- Blockchain
- Technical Due Diligence

PLATFORMS

- Salesforce
- Sitecore
- MS Dynamics
- AEM
- EPiServer
- MuleSoft
- Magento
- Dell Boomi
- Shopify
- Drupal

CRITICAL SERVICES

- Cloud & DevOps
- Security & Governance
- Operations Support
- Application Support

INNOVATION

- Innovation Strategy
- Innovation Platform

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CLOUD EXPERTISE HIGHLIHTS

900+
Cloud-Based Solutions Engagements

3000+
Cloud Experienced Professionals

1000+
Engineers with cloud-related certification

100+
Hyper-Converged Projects

150+
Data Cloud Experts

10 YEARS

PROVEN DELIVERY OF CLOUD-BASED SOLUTIONS

300+
BUSINESS ANALYSTS
- Consultants
- Business Analysts
- Usability Experts
- Project Management
- Project Managers

3000+
TECHNOLOGISTS
- Cloud Enterprise Architects
- Data Architects
- QA Engineers
- DevOps
- Technical Support

150+
STRATEGISTS AND DESIGNERS
- Digital Strategists
- Subject Matter Expertise
- Program Managers
- Experience Design and Usability
- Visual Designers

aws partner network
Premier Consulting Partner
Migration Competency
Data & Analytics Competency
DevOps Competency
SaaS Competency
Financial Services Competency

Gold Microsoft Partner
Microsoft

Premier Partner
Google Cloud
Infrastructure
Machine Learning
IoT
Migration competency

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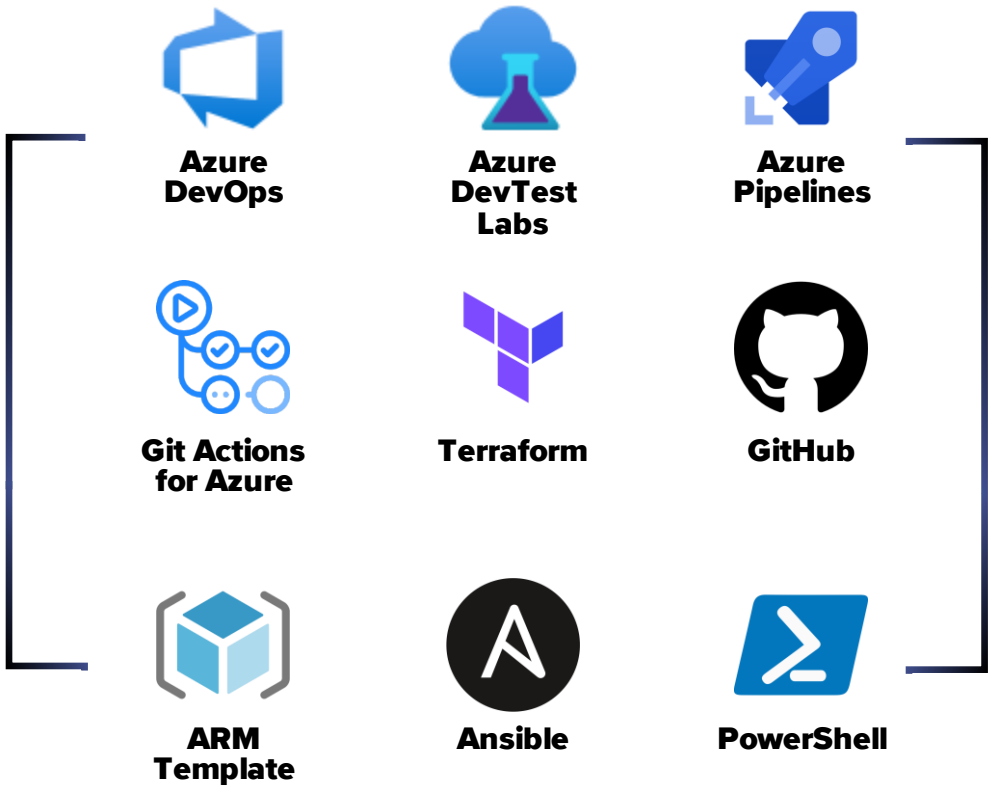
DEVOPS & AUTOMATION

DevOps & Automation is a progressive choice for the success path of modern business. Everything as Code approach opens new benefits like having highly repeatable tasks, scaling operations easily, reducing the risk of human error, tracing the steps, and much more.

WE PROPOSE:

- Design and implementation
- Migrations to Azure DevOps and GitHub
- Infrastructure as Code
- DevOps processes optimization
- Automation and tooling development
- DevSecOps adoption



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WHAT IS DEVOPS?

DEVOPS ENABLED FASTER SOFTWARE DELIVERY

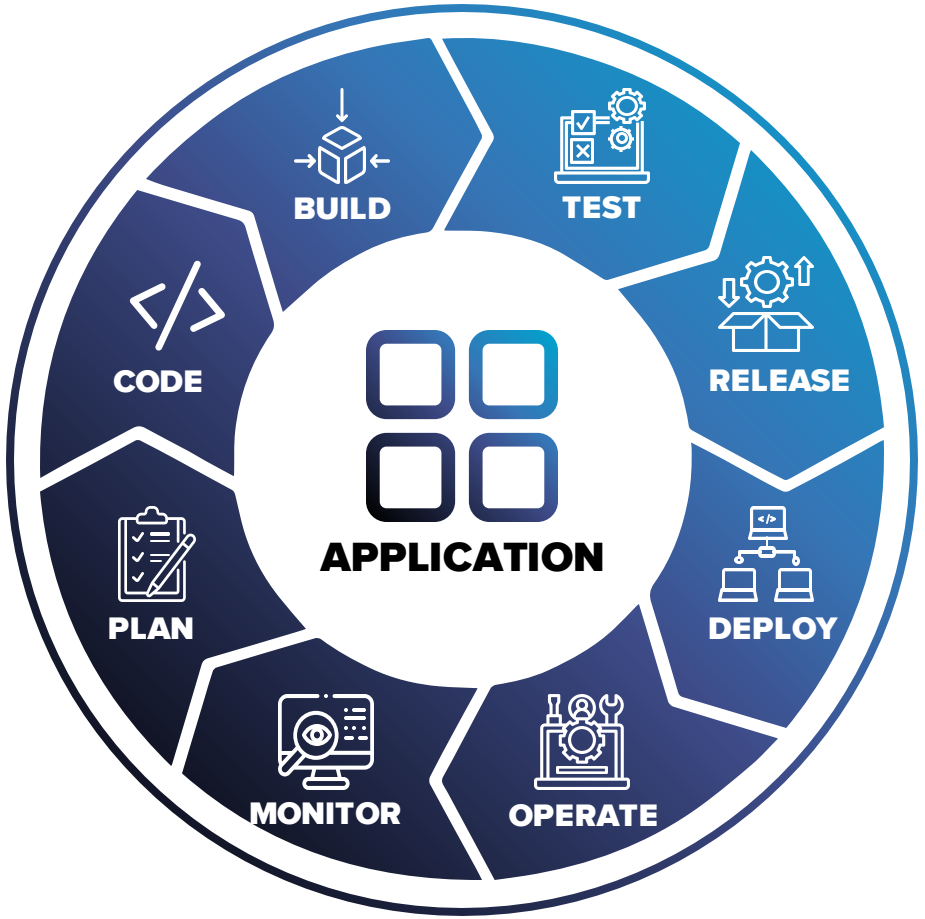
DevOps is the union of people, processes, and technologies to deliver continuous value to users.

7x

Speed and innovation

Faster release cycles versus **10** years ago

Sources: McKinsey Developer Velocity



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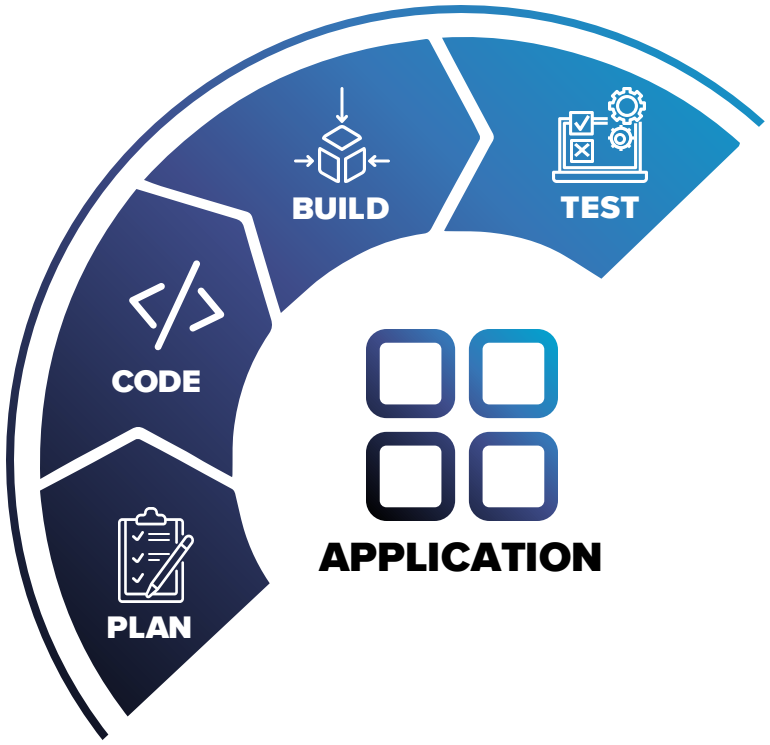
DEV PHASES



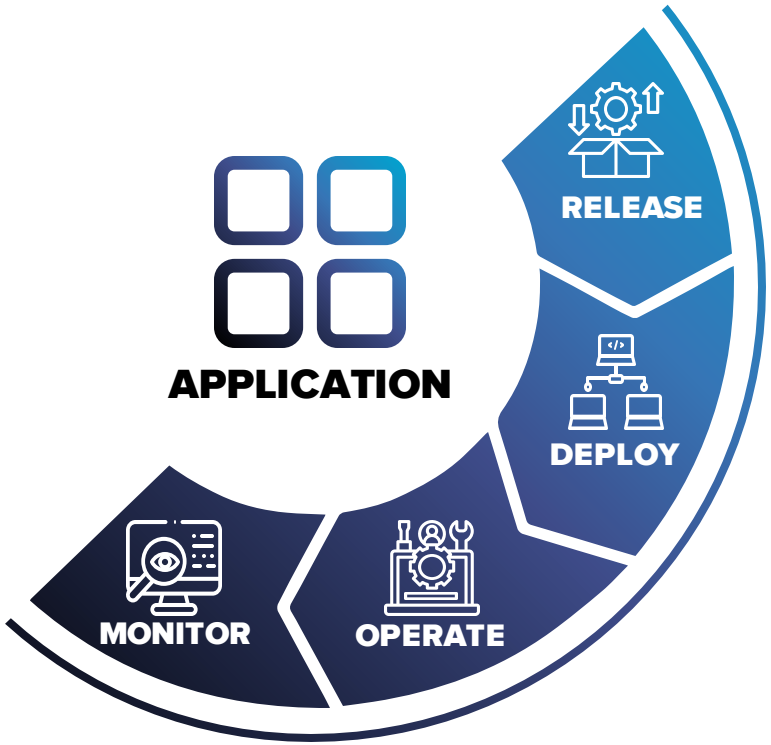
Plan: In this stage, teams identify the business requirement and collect end-user feedback. They create a project roadmap to maximize the business value and deliver the desired product during this stage.

Code: Code development takes place at this stage. The development teams use tools and plugins like *Git* to streamline the development process, which helps them avoid security flaws and lousy coding practices.

Build: In this stage, once developers finish their task, they commit the code to the shared code repository using build tools like Maven and Gradle.

Test: Once the build is ready, it is deployed to the test environment first to perform several types of testing like user acceptance test, security test, integration testing, performance testing, etc., using tools like JUnit, Selenium, etc., to ensure software quality.

OPS PHASES



Release: The build is ready to deploy in the production environment at this phase. Once the build passes all tests, the operations team schedules or deploys multiple releases to production, depending on the organizational needs.

Deploy: In this stage, Infrastructure-as-Code helps build the production environment and then releases the build with the help of different tools.

Operate: The release is live now to use by customers. The operations team at this stage takes care of server configuring and provisioning using tools like Chef.

Monitor: In this stage, the DevOps pipeline is monitored based on data collected from customer behavior, application performance, etc. Watching the entire environment helps teams find the bottlenecks impacting the development and operations teams' productivity.

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ABOUT AZURE DEVOPS

If you feel like your organization overspends on cloud resources, this assessment will bring:

- an understanding of your costs
- possible cloud cost optimization strategies, and tactics
- concrete short-term and long-term steps to decrease your bill

Apart from recommendations on how to decrease costs immediately, our Experts will define and build a proactive cost management strategy, which will help predict your future expenses, understand dependencies, and have a precise cost classification.

With a cost management strategy, you will be able to continuously review your costs, notice trends on how these costs change in your financial planning, and precisely understand your future expenses for each phase of a project. When you are tracking day-to-day expenses, you can spot violations in the cost-management model, immediately address them, understand why they're occurring, and either fix these problems or adjust the model to address your specific needs.

AZURE DEVOPS ASSESSMENT

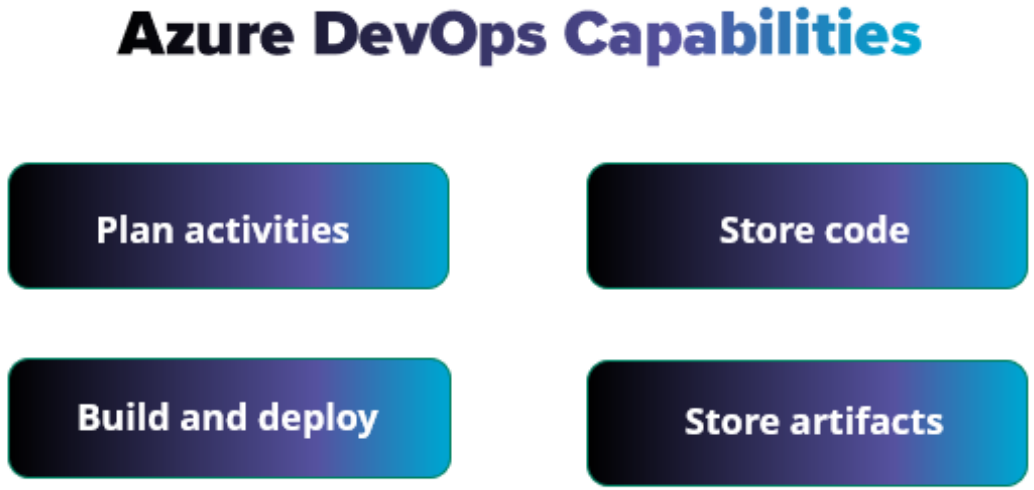
CONSISTS OF:

1. **Examining the current process:** exploring the state of the current DevOps processes, highlighting the business needs, analyzing functional and non-functional requirements, and defining the key DevOps metrics to be improved, preparing reference Azure DevOps project.

2. **Reviewing the current architecture documentation.**

3. **Providing specific guidance** to improve the current DevOps metrics and implement the latest best practices.

4. **Defining and building** the overall DevOps strategy.



Azure DevOps services to be assessed:

- Azure Repos
- Azure Pipelines
- Azure Artifacts
- Azure Test Plans

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ASSESSMENT APPROACH

INTRODUCTION

DAY 1

- Introduce the team members involved in the assessment
- Outline team roles and responsibilities
- Provide an overview of Azure DevOps and its benefits for IT service companies
- Discuss the current challenges faced by the IT service company
- Plan the assessment process

PREPARATION

DAY 2

- Review the current infrastructure and architecture around the Azure DevOps
- Collecting functional and non-functional requirements
- Collecting use cases of Azure DevOps usage
- Identify opportunities for optimization and improvements

REVIEW

DAY 3

- Review the current development processes and methodologies
- Discuss Azure DevOps tools and services that can support development processes and methodologies

ANALYSIS

DAY 4

- Review the current testing and deployment processes
- Identify opportunities for optimization and improvements
- Discuss Azure DevOps tools and services that can support ongoing SDLC processes

PRESENTATION

DAY 5

- Summarize the findings and recommendations from the previous days
- Discuss implementation options and next steps
- Plan for future engagements and support to ensure the successful adoption of Azure DevOps tools and services

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FOR THE FUTURE

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