Drive Enterprise-Wide Agility at the Speed of Customer-Demand

PRICE: 15,000 USD for 3 weeks

SERVICE TYPE: Assessment and Kickstarter Implementation
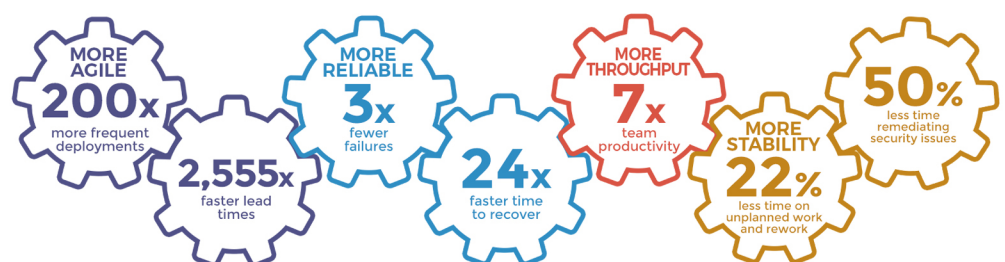
SOLUTIONS AREAS: App Modernization, Migration

INDUSTRIES: All

IMPLEMENTATION: Continous Integration and Development

OVERVIEW

DevOps is fundamental to the success of your organization. Accelerate software delivery and increase business agility by implementing DevOps.
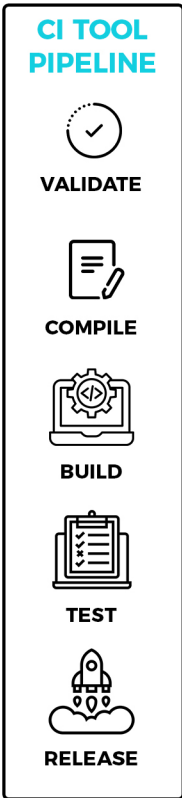
MORE AGILE
200x more frequent deployments

2,555x faster lead times

MORE RELIABLE
3x fewer failures

24x faster time to recover

MORE THROUGHPUT
7x team productivity

MORE STABILITY
22% less time on unplanned work and rework

50% less time remediating security issues

Source: State of DevOps Report 2018

Drive Enterprise-Wide Agility at the Speed of Customer-Demand

www.exist.com

eXIST
A global consulting and IT solutions leader

CI TOOL PIPELINE

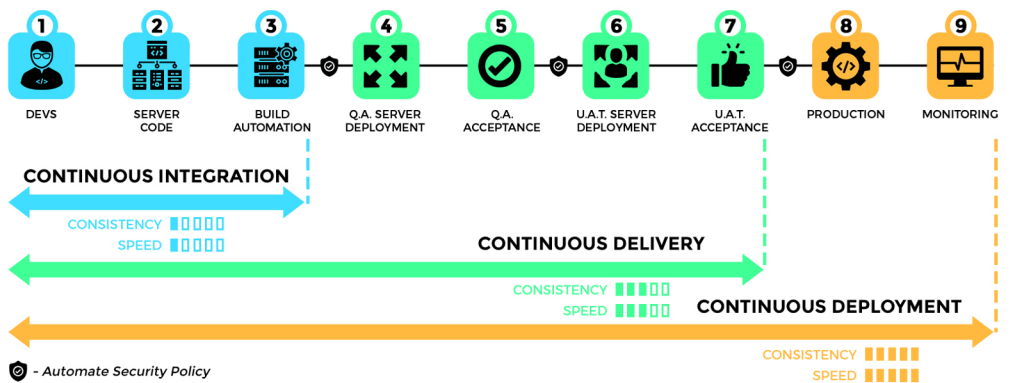**VALIDATE**

COMPILE

BUILD

TEST

RELEASE

With the rise of container orchestration platforms, microservices and massive parallel processing databases comes a great need to automate/simplify/streamline deployment processes. This type of perspective is typically associated with the DevOps terminology. However, DevOps is not just merely automating the deployment but more of an organizational culture setting. From how the developers pushes their code, the quality assurance engineers assess thru automated/manual/security/load testing the application, the database administrators coping up with the changes in schema and succeeding updates up to the point wherein management would give a go signal on when to deploy to production

What to expect?
At the end of this engagement, the client would have a basic setup of the required tools to run a successful DevOps pipeline along with a sample application running. This engagement also allows the organization to understand better how the DevOps culture could be embedded on their day-to-day operation to maximize its benefits pushing their effort on Day 2 operations further

Leveraging a powerful combination of enterprise-scale, end-to-end delivery experience, proven methodology and expertise on open source technologies, Exist's DevOps services help organizations break down silos, streamline and automate delivery process and drive business agility.

How Mature Is Your Automation Strategy?

EXIST'S DEVOPS SERVICES
Regardless of the level of maturity in automated operations, Exist offers businesses comprehensive DevOps services from consulting to implementation to help them continuously deliver software faster and more frequently across the entire development lifecycle. Whether you are getting started with your DevOps journey or looking for advanced DevOps automation and cloud-native technologies, our wide range of expertise is here to help.

CONSULTING
Exist will help you assess, analyze and develop a tailored DevOps roadmap at whatever your state of automation is that aligns to your strategic business goals.

IMPLEMENTATION
As your implementing partner, Exist can assist you with enterprise-wide DevOps implementations, solution upgrades, integrations, containerization and microservices to facilitate continuous integration and deployment and automate your end-to-end delivery pipeline across your value streams.

**Drive Enterprise-Wide Agility
at the Speed of Customer-Demand**

www.exist.com

A global consulting
and IT solutions leader

SERVICES INCLUDED Installation and configuration of DevOps Related tools (one of each)

SCM	CI Tool	Artifact Repository	Cloud Native Registry
• GIT	• TeamCity	• Nexus	• Harbor
• SVN	• Jenkins		• Quay
	• Gitlab CI	**Code Quality Evaluation**	• Azure Container Registry
	• Azure DevOps	• SonarQube	

Consultation on the technologies involved
DevOps development best practices
Sample end-to-end test application

- **Feature Branch development**
- **Continuous integration**
- **Continuous Deployment to Kubernetes**

Documentation
Knowledge Transfer

2 x 4 hour web session
- **Tools/Setup walkthrough**
- **Pipeline walkthrough**
- **Demo Session**

LIMITATIONS Application deployed on the pipeline is provided by the vendor
License Cost for tools are not covered
Additional services not specified are for discussion

PRE-REQUISITES Basic knowledge on version control
Basic knowledge on build automation
VM deployment for tools

VM SPECIFICATIONS

	CPU	RAM	Storage
SCM	2 cores	4 GB	50 GB
CI Tool	2 cores	4 GB	50 GB
Artifact Repository	2 cores	4 GB	50 GB
Code Quality Evaluation	2 cores	4 GB	50 GB
Cloud Native Registry	2 cores	4 GB	50 GB (AKS)
Kubernetes Cluster (AKS) *2 x Nodes*	4 cores	8 GB	-

**Drive Enterprise-Wide Agility
at the Speed of Customer-Demand**

www.exist.com

eXIST
A global consulting
and IT solutions leader