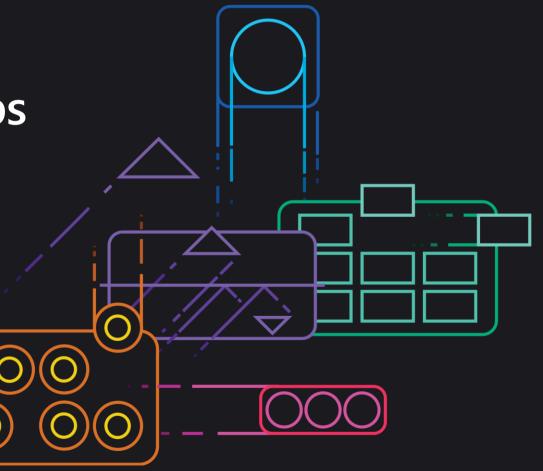




Toan Huynh

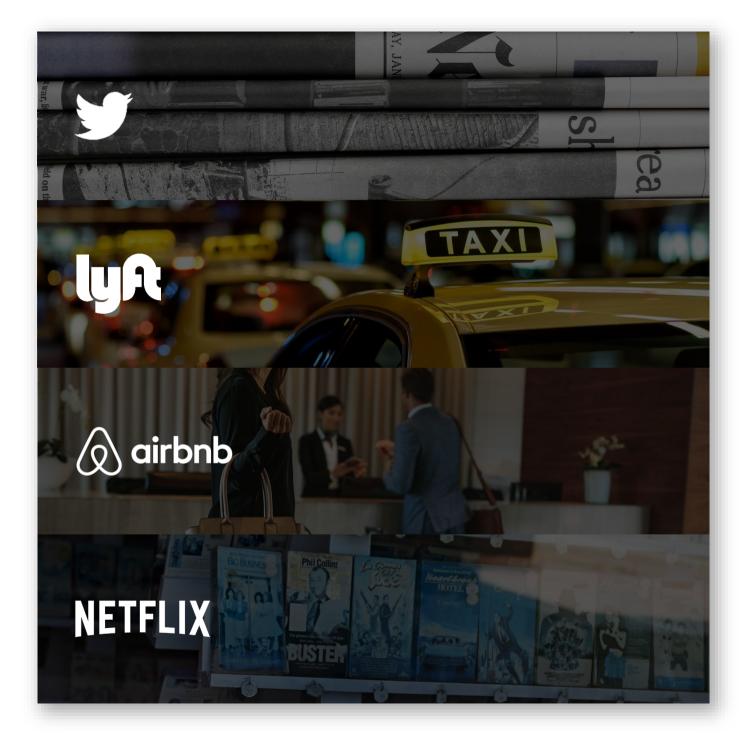


50% of Fortune 500 in 2000 now replaced by organizations that use technology to deliver customer value faster, better, and cheaper

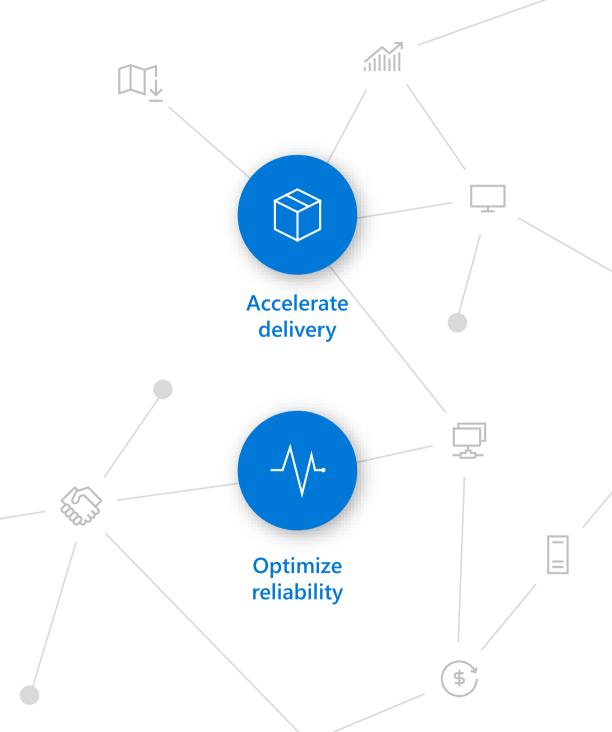
The Fortune 500 of today face the same challenge tomorrow

Innosight

Corporate Longevity: Turbulence Ahead for Large Organizations

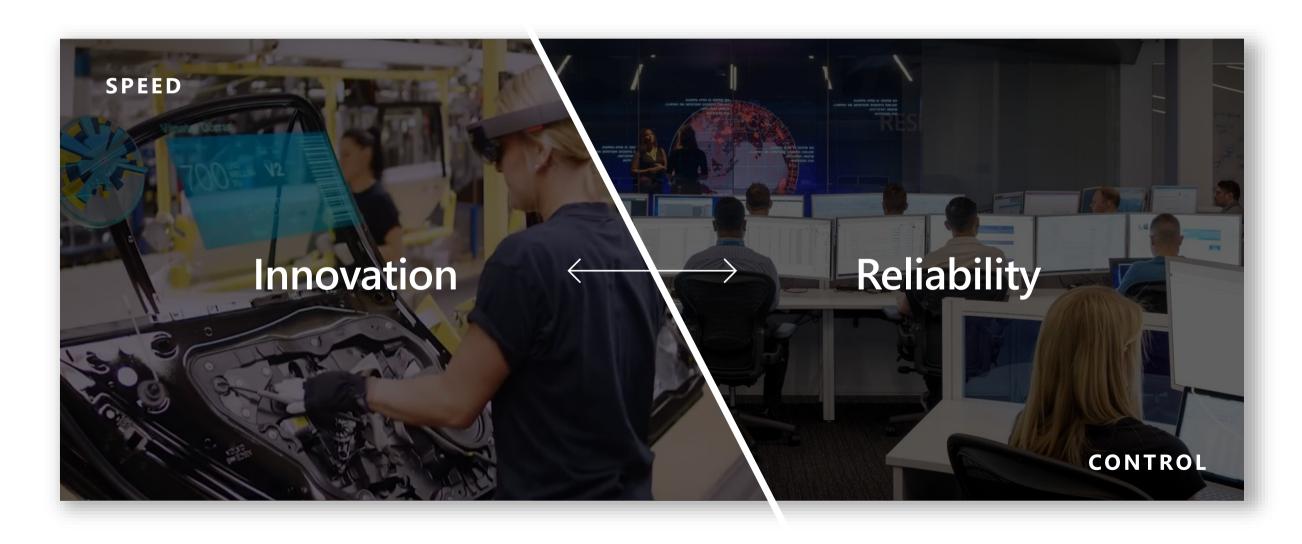


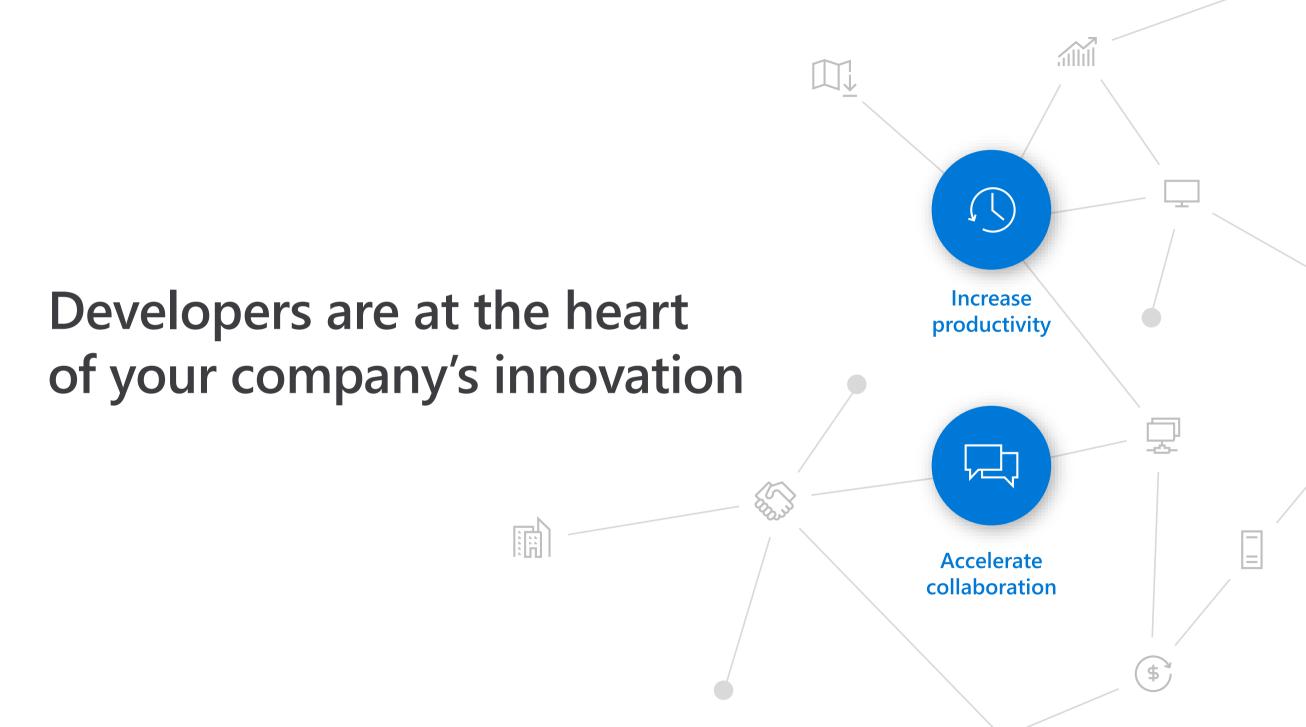
Product innovations need to reach customers quickly, and stay available



Software delivery paradox

Speed vs. control impedes innovation

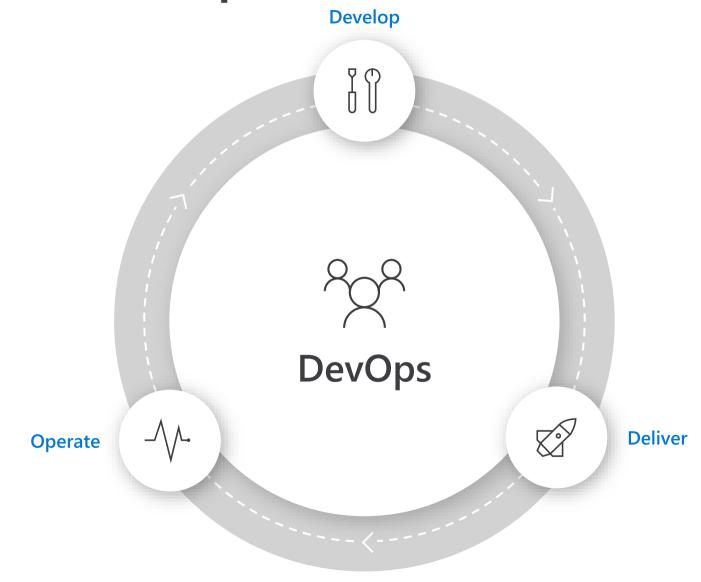




Accelerating Delivery with DevOps



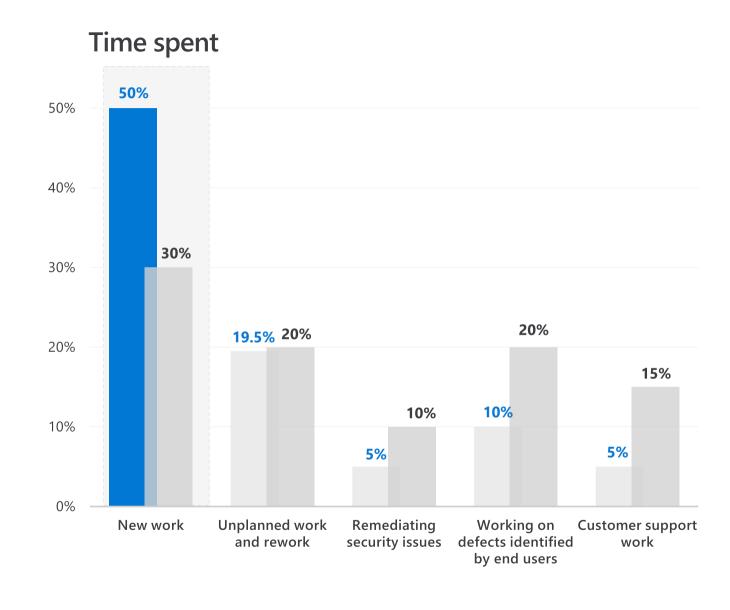
DevOps is the union of people, process, and products to enable continuous delivery of value to your end users.



Innovation with oversight

Top performing DevOps companies spend more time innovating and less time "keeping the lights on".

The result: better products, delivered faster, to happier customers by more engaged teams





Top DevOps Performers

Low DevOps Performers

Develop

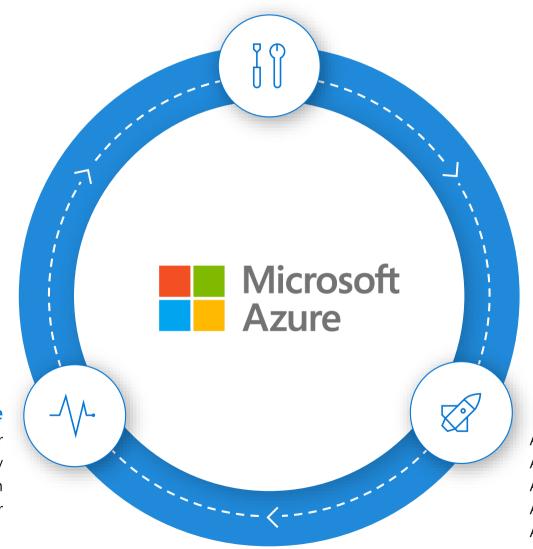
GitHub Visual Studio Visual Studio Code

Innovate at scale. Deliver with confidence.

Microsoft Azure is the cloud with DevOps tooling built in

Operate

Azure Monitor
Azure Policy
Azure Automation
Azure Security Center



Deliver

Azure Boards
Azure Repos
Azure Pipelines
Azure Artifacts
Azure Test Plans
Azure Lab Services



Deliver with Azure DevOps



Azure Boards



Azure Repos



Azure Pipelines

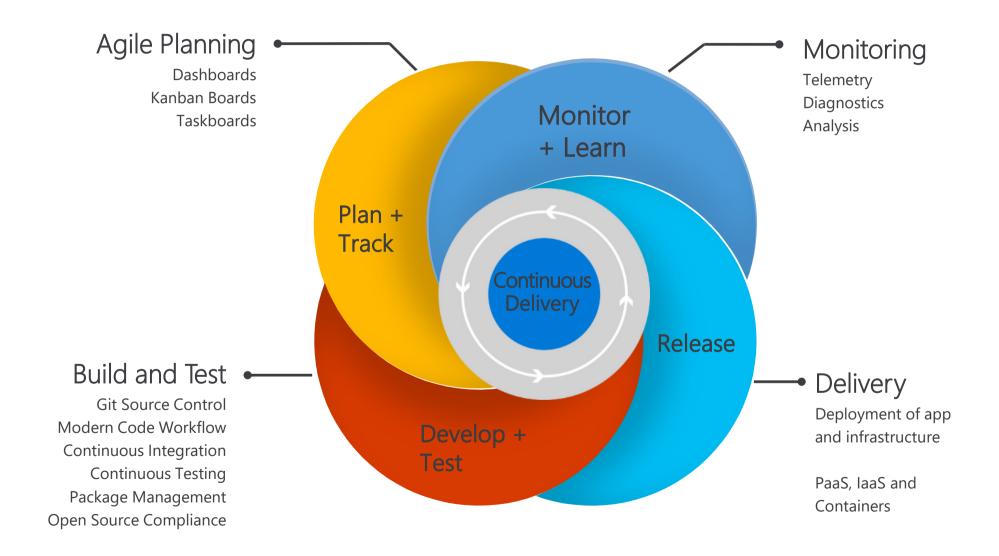


Azure Artifacts



Azure Test Plans

Azure DevOps







Azure Boards



Azure Repos



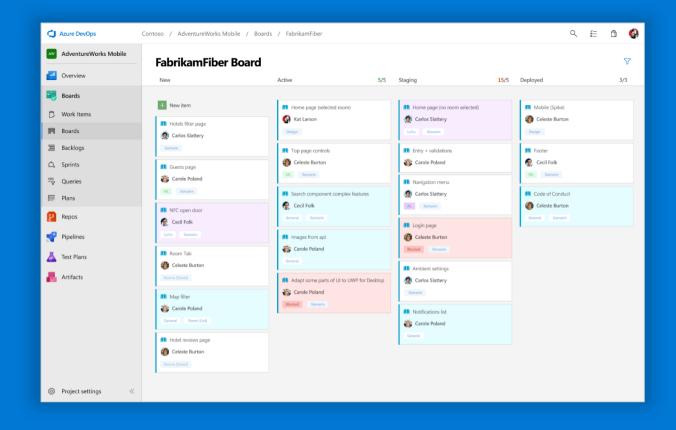
Azure Pipelines



Azure Artifacts



Azure Test Plans



Connecting ideas to releases

Scrum ready to help your teams run sprints, stand-ups, and plan work

Integrated with GitHub commits and pull requests

Insights into project status and health





Azure Boards



Azure Repos



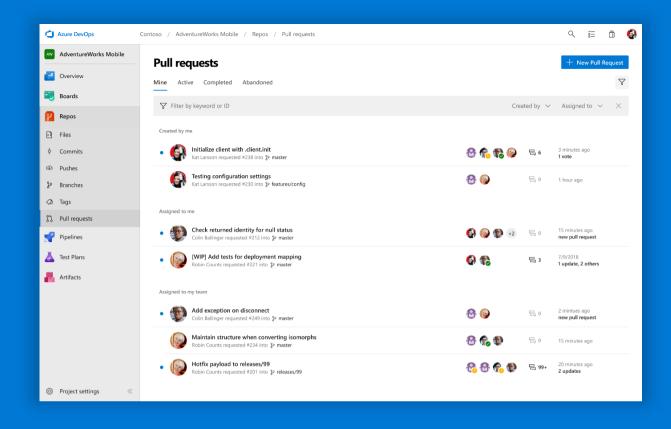
Azure Pipelines



Azure Artifacts



Azure Test Plans



Private Git and TFVC repos for your teams

Code review via branch pull requests

Branch policies and build validation

Easy migration path to / from GitHub





Azure Boards



Azure Repos



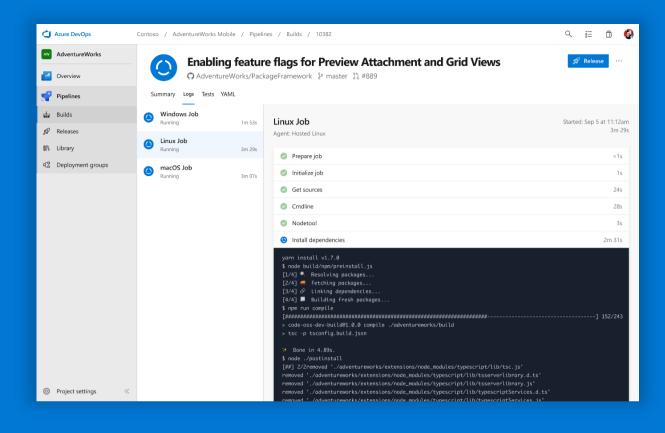
Azure Pipelines



Azure Artifacts



Azure Test Plans



Cloud-hosted pipelines for Linux, macOS and Windows

Any language, any platform, any cloud

Native support for containers and Kubernetes

Best-in-class for open source







Azure Boards



Azure Repos



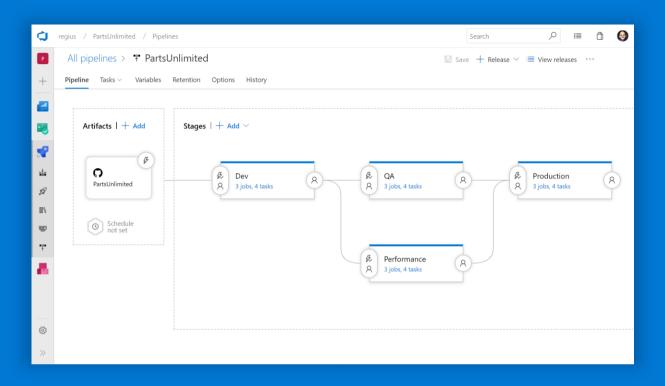
Azure Pipelines



Azure Artifacts



Azure Test Plans



Deploy to on-premises, ANY cloud or a hybrid of cloud and on-prem

Staged environment releases

Pre and post deployment approvals with gates to automate approval based on conditions





Azure Boards



Azure Repos



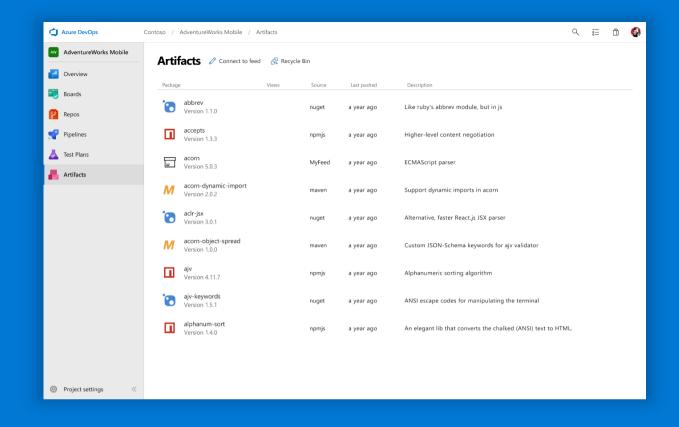
Azure Pipelines



Azure Artifacts



Azure Test Plans



Manage all package types

Add packages to any pipeline

Share code efficiently





Azure Boards



Azure Repos



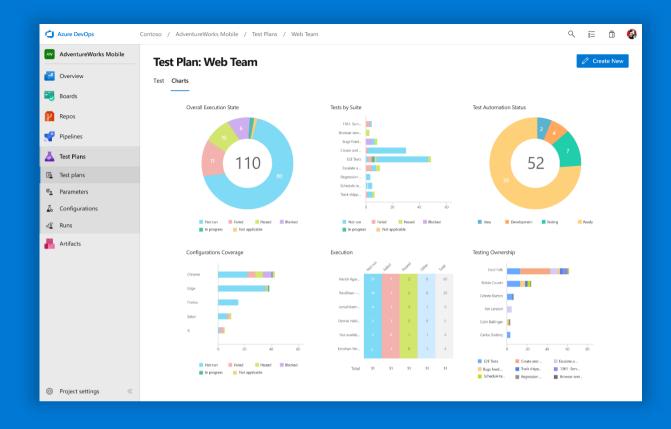
Azure Pipelines



Azure Artifacts



Azure Test Plans



Run tests and log defects from your browser

Track and asses quality throughout your lifecycle

Capture rich data for reproducibility

Create tests directly from exploratory sessions



Deliver with



Azure Boards



Azure Repos



Azure Pipelines



Azure Artifacts



Azure Test Plans

GitHub

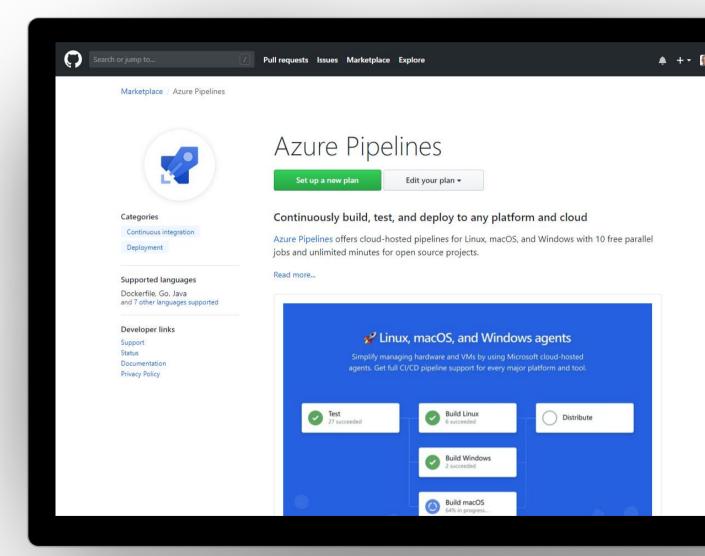
GitHub brings the **premier** social coding workflows to your team, breaking down silos and enabling Inner Source through:

- Expertise sharing
- Cross-team collaboration
- Improved code reuse
- Increased velocity



Azure DevOps Integrated with GitHub

Rich integration with Azure Pipelines and Azure Boards





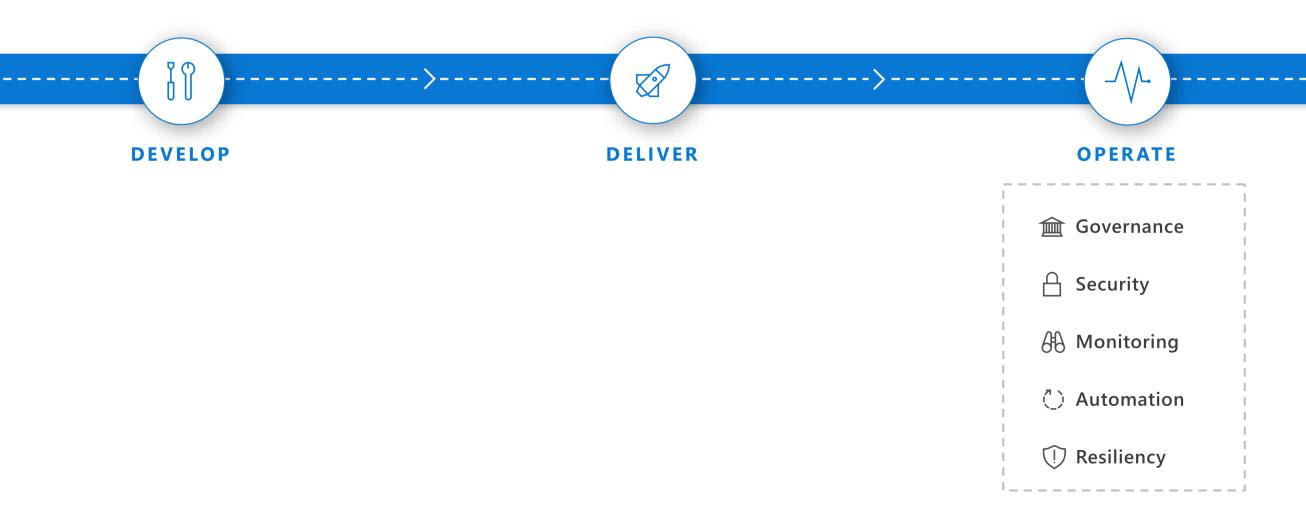
Azure Pipelines

Free **unlimited** build minutes for public projects

Up to 10 free parallel jobs across Windows, Linux and macOS

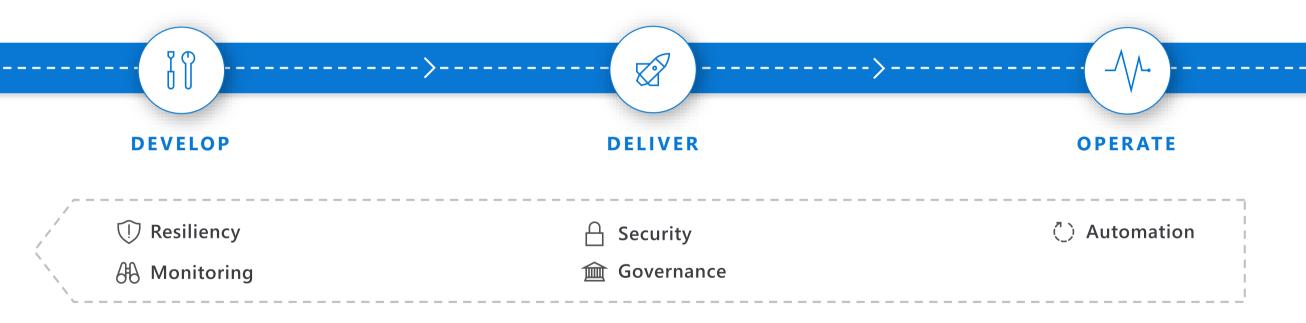
Microsoft Open Source

Reactive operations



Moving to proactive operations with Azure

"Shifting left"



Deploy continuously and compliantly

Enterprise-grade security, monitoring, and management services built-in



Governance

Proactively apply policies and enable compliant releases

Azure Policy & Blueprints



Security

Industry leading Security with Advanced Threat Protection

> Azure Security Center



Resiliency

High availability and protection for VMs, apps and data

Azure
Backup & Site Recovery



Monitoring

Deep operational insights with rich intelligence

Azure Monitor



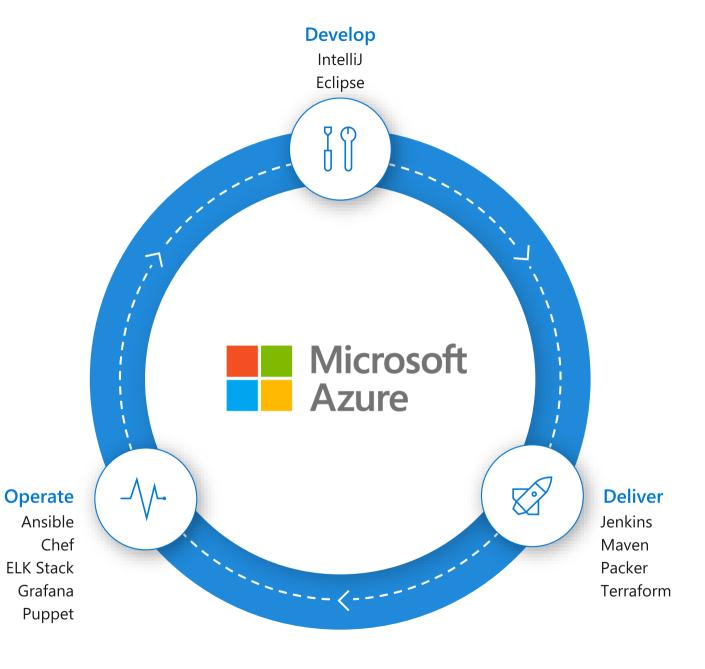
Automate

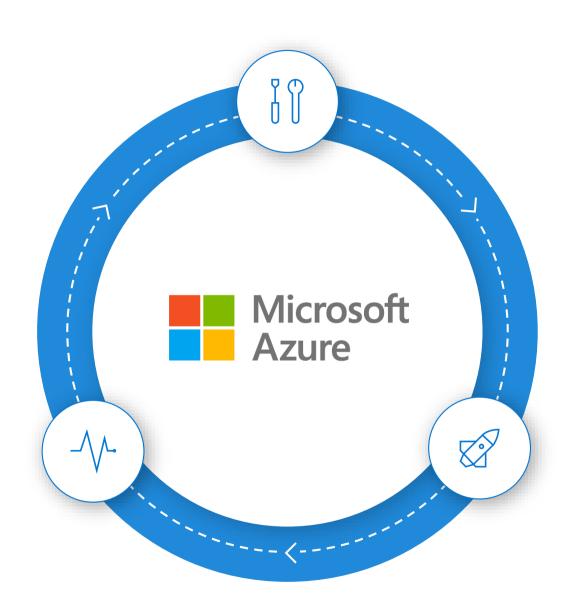
Powerful scripting, configuration and update management

Azure Automation

Use the tools you know and love

Azure and GitHub are fully integrated with your existing tools and workflow





Core Infrastructure

Compute

Security

Storage

Management

Networking

Advanced Workloads

Web + Mobile

Internet of Things

Microservices

Containers

Serverless

Identity

Data + Analytics

Artificial Intelligence

Cognitive Services

High Performance Computing

Azure Stack + Hybrid

The cloud with DevOps tools built in

Azure DevOps



- Continued heavy investment in Azure DevOps
- Best in class CI/CD solution across the industry
- Best & most loved solution for managing development teams
- Tight integrations with GitHub
- Provide enterprise scalable package management



Azure DevOps supports small teams and the largest enterprises



Instead of telling people to wait for 6 months for a new feature, we can give it to them in a few weeks...Our 2800 worldwide developers can use the same backlog, user stories and tests whether they're on Windows or Linux... building for iOS or Android.

Columbia

Microsoft made it really easy to break outside the silos... and tie the DevOps process into the fulfilment of business process. Without the tools that we have today, we would not be successful.

accenture

Speed is gained in moving to the PaaS offering of Azure DevOps. PaaS provides regularly released features and a future-proof capability, eliminating the need for Accenture to maintain infrastructure and go through upgrade cycles.



Branches sync 500 percent faster. Builds are 400 percent faster, with the typically six-hour process reduced to 90 minutes. We (now have) a highly streamlined process that operates with a few button clicks—and one-button deployment.

DevOps at Microsoft

Azure DevOps is the toolchain of choice for Microsoft engineering with over 90,000 internal users



https://aka.ms/DevOpsAtMicrosoft

372k

Pull Requests per month

4.4m

Builds per month

5_m

Work items viewed per dav

2m

Private Git commits per month

500m

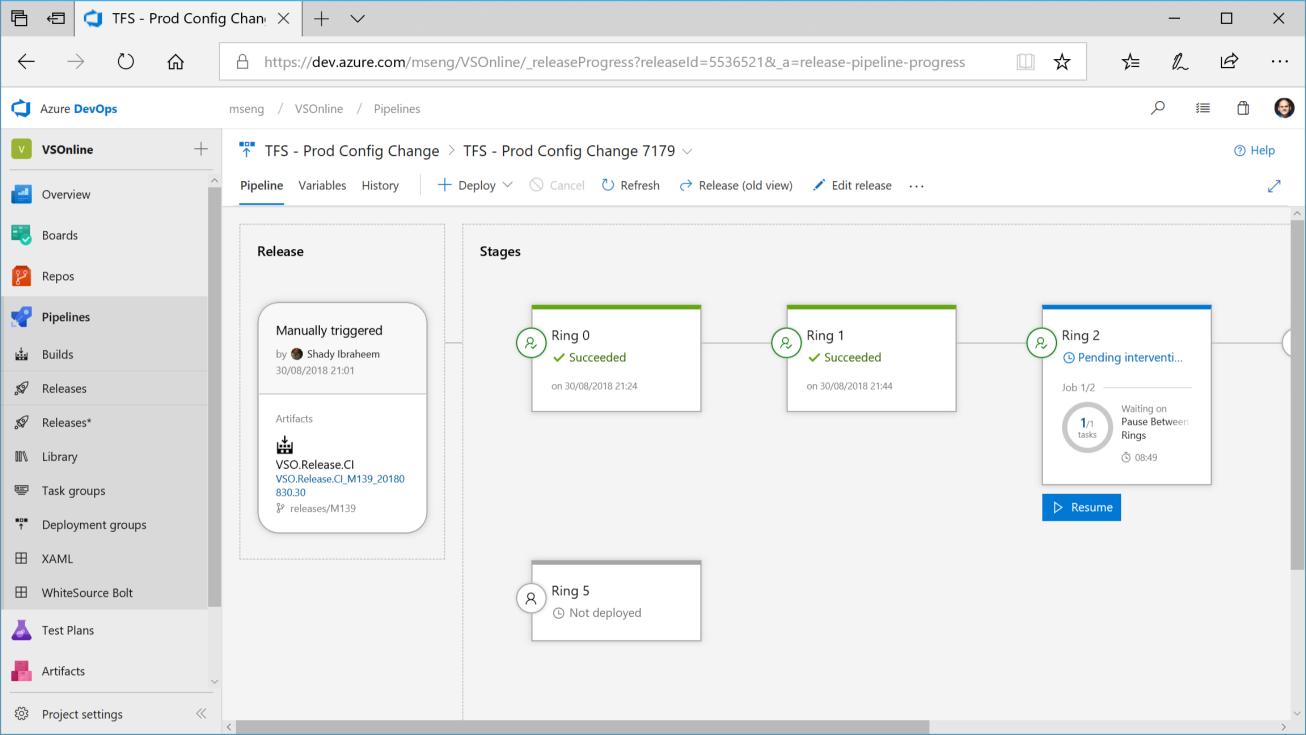
Test executions per day

7,700

Employees contributing to open source

86,000

Deployments per day



Global Reach

Azure DevOps has more global regions than any other cloud provider



Migrating from TFS to Azure DevOps

Move from Team Foundation Server to Azure DevOps and bring your data along

Benefits of Cloud Hosted Azure DevOps Services

- Global availability
- Hosted and maintained by Microsoft with 99.9% uptime guarantee and 24x7 support
- Immediate access to latest features
- Simplified deployment to Azure

TFS Import Service

- Fully supported high fidelity migration path
- Trusted by many large enterprises
- Now faster and easier to use





Thank You!

متشکرم Salamat Po ευχαριστώ Grazie благодаря ありがとうございます Kiitos Teşekkürler 谢谢 ขอบคุณครับ Obrigado شکریہ Terima Kasih Dziękuję Hvala дякую Köszönöm Tak Dank u Wel Tack Multumesc спасибо Cám ơn Danke Gracias 多謝晒 Ďakujem תודה நன்றி Děkuji 감사합니다