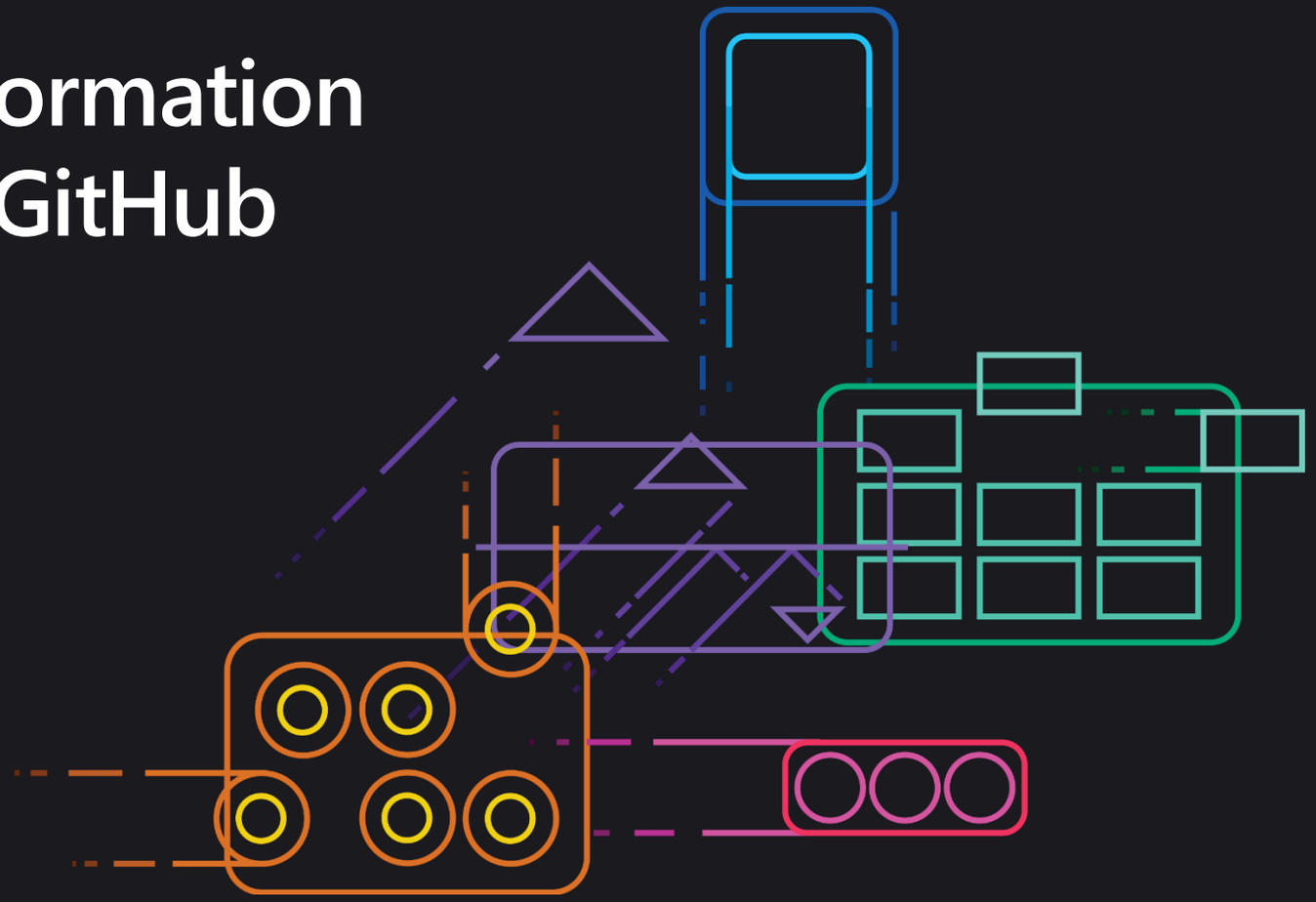
SHARP TEK
EMBRACE THE CLOUD

Microsoft

Accelerate Digital Transformation with Azure DevOps and GitHub



Overview

- Csharptek is an end-to-end IT and cloud solutions-driven company based out of Ranchi, Jharkhand, India, and helps organizations/individuals solve their technological problems.
- Csharptek is an ISO 9001:2008 certified web/mobile app development company. It has ten years of rich experience in the data cloud solutions field.
- As an outsourced software service provider, we have expanded our footprint not just pan-India but in the international arena,too.
- Csharptek is a full-fledged software development and consultancy company in India, with an affinity for leveraging cloud-based platforms.
- We carefully analyze the requirements of the business and develop systems to help optimize the business, digitally.
- From modern and responsive web-design to strategically developed mobile and web applications are done here.
- We specialize in Microsoft & Cloud based Web Applications, Open-Source Applications, Mobile Applications, Native Android/iOS Apps.

OUR MISSION

OUR VISION

Our aim is to solve sector-specific problems across devices, apps, and infrastructure using proven expertise in AI, MI, IoT and cloud solutions-driven.

OUR MISSION

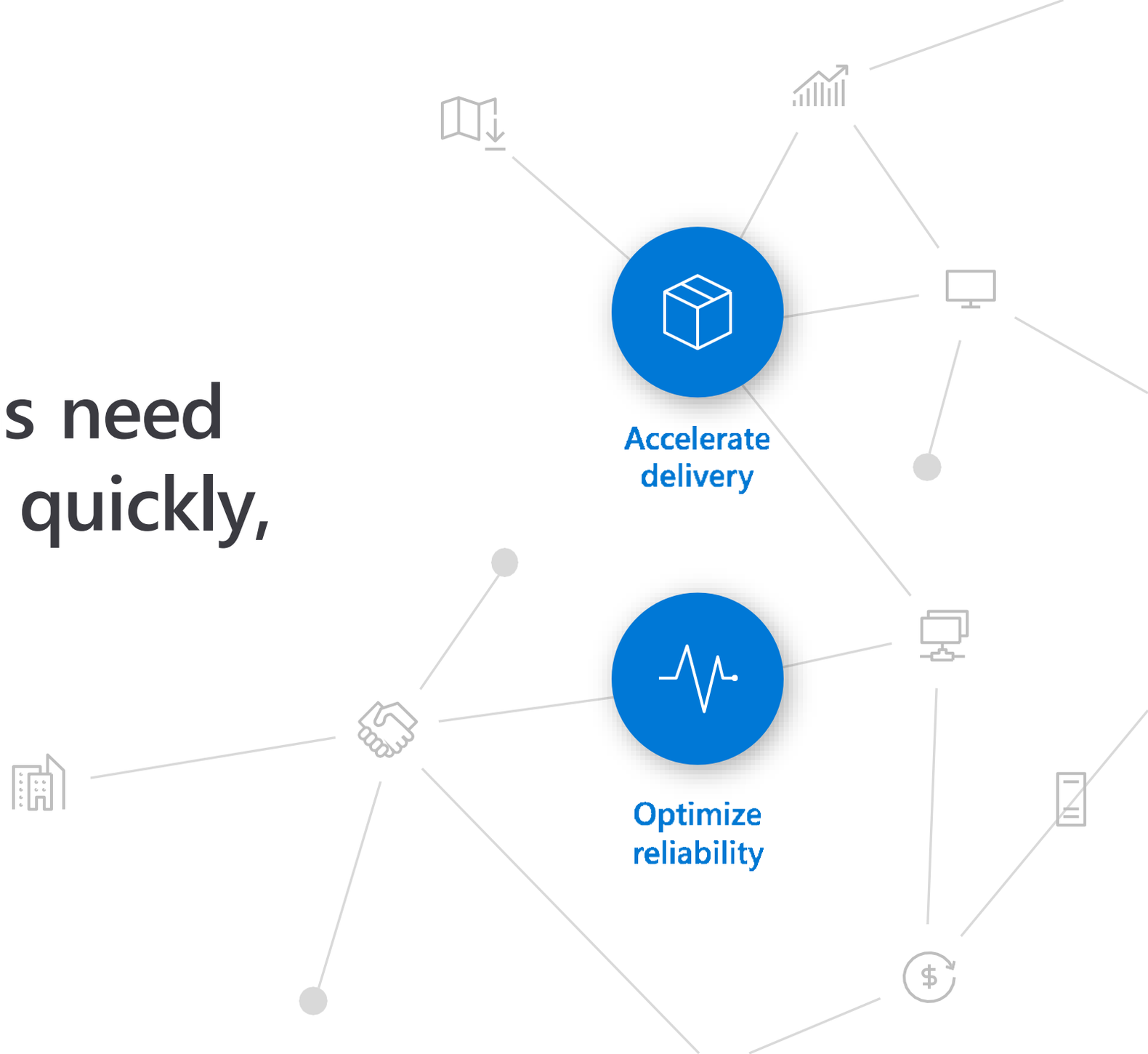
To build the technology or cloud operation which is most convenient, secure, cost-effective for the clients.

OBJECTIVES

To provide our client with best services and consultancy in given timeline. To dominate the world of digital transformation.

The Challenge

Product innovations need to reach customers quickly, and stay available



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Software delivery paradox

Speed vs. control impedes innovation

Developers are at the heart of your company's innovation

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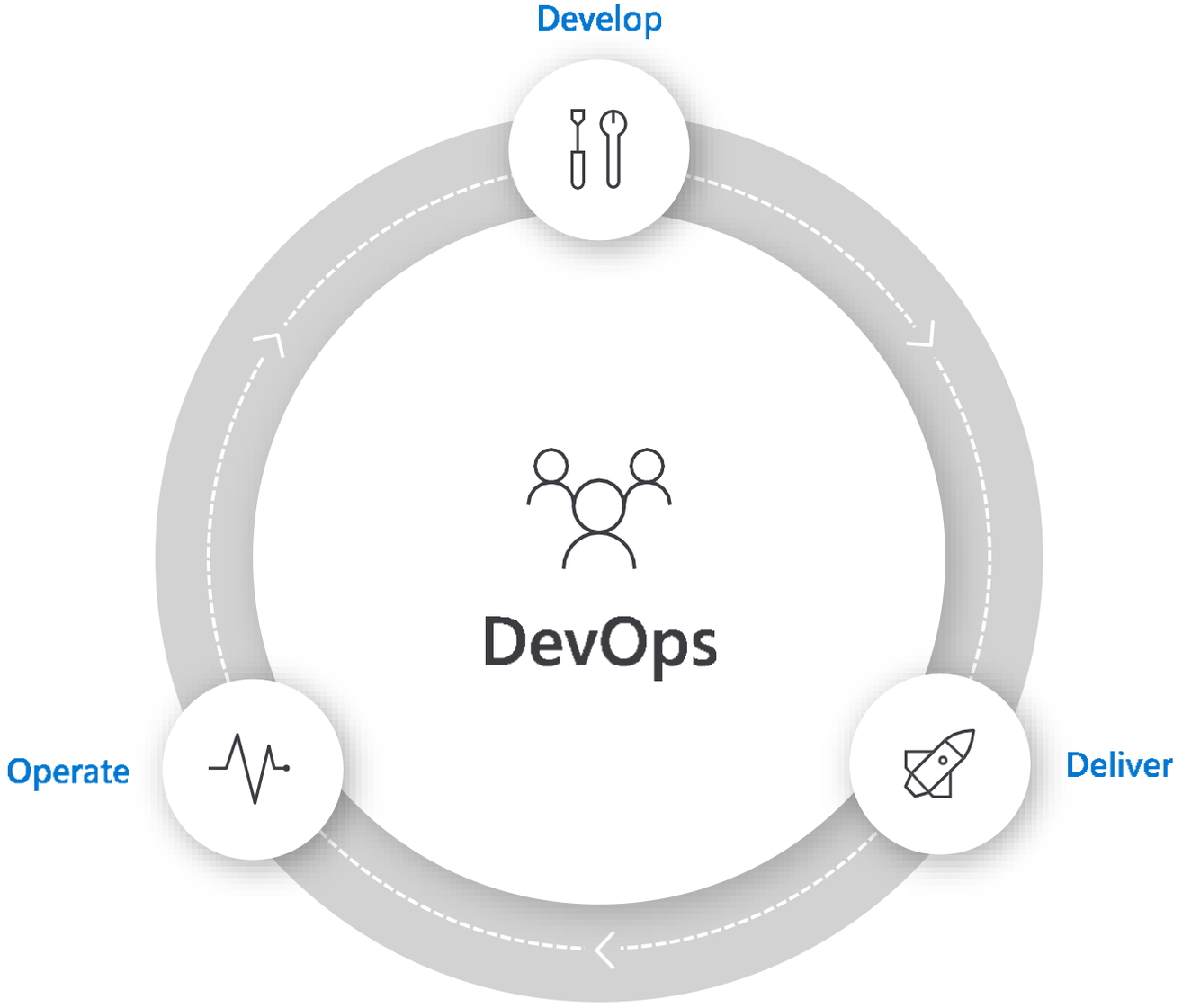
Accelerating Delivery with DevOps

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



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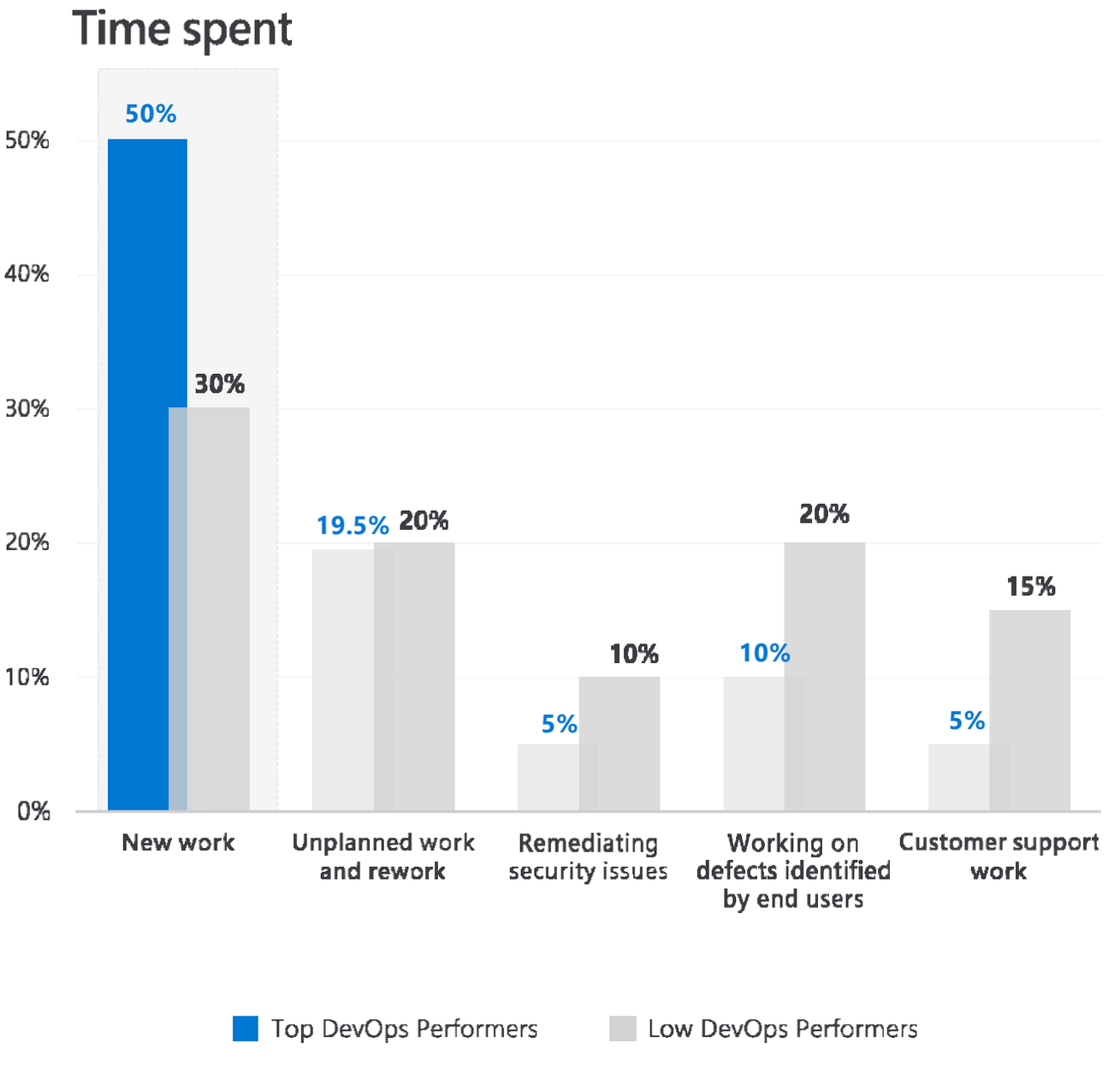
Innovation with oversight

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

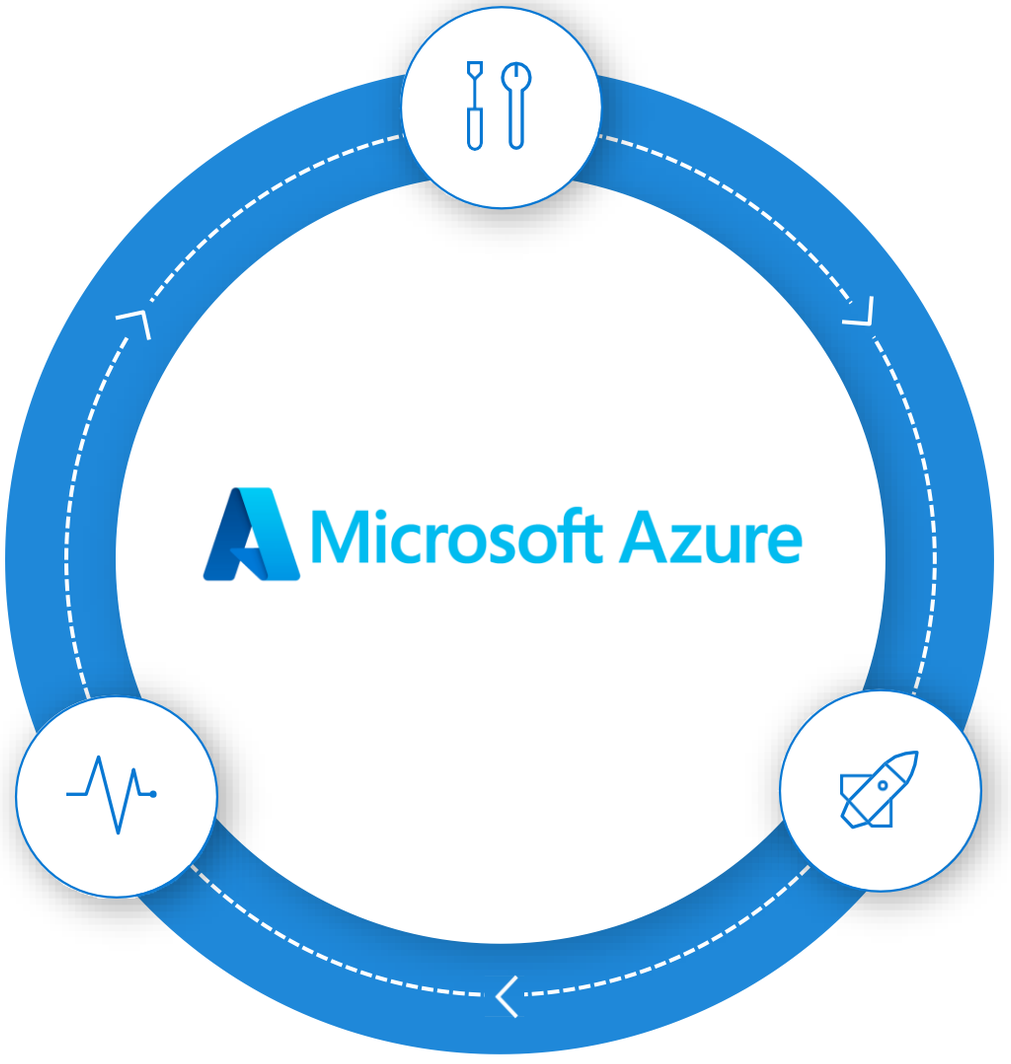
The result: better products, delivered faster, to happier customers by more engaged teams



Our Solution

Innovate at scale.
Deliver with confidence.

Microsoft Azure is the cloud
with DevOps tooling built in



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Deliver with Azure DevOps

Azure Boards

Azure Repos

Azure Pipelines

Azure Artifacts

Azure Test Plans

CHARPTEK

Deliver

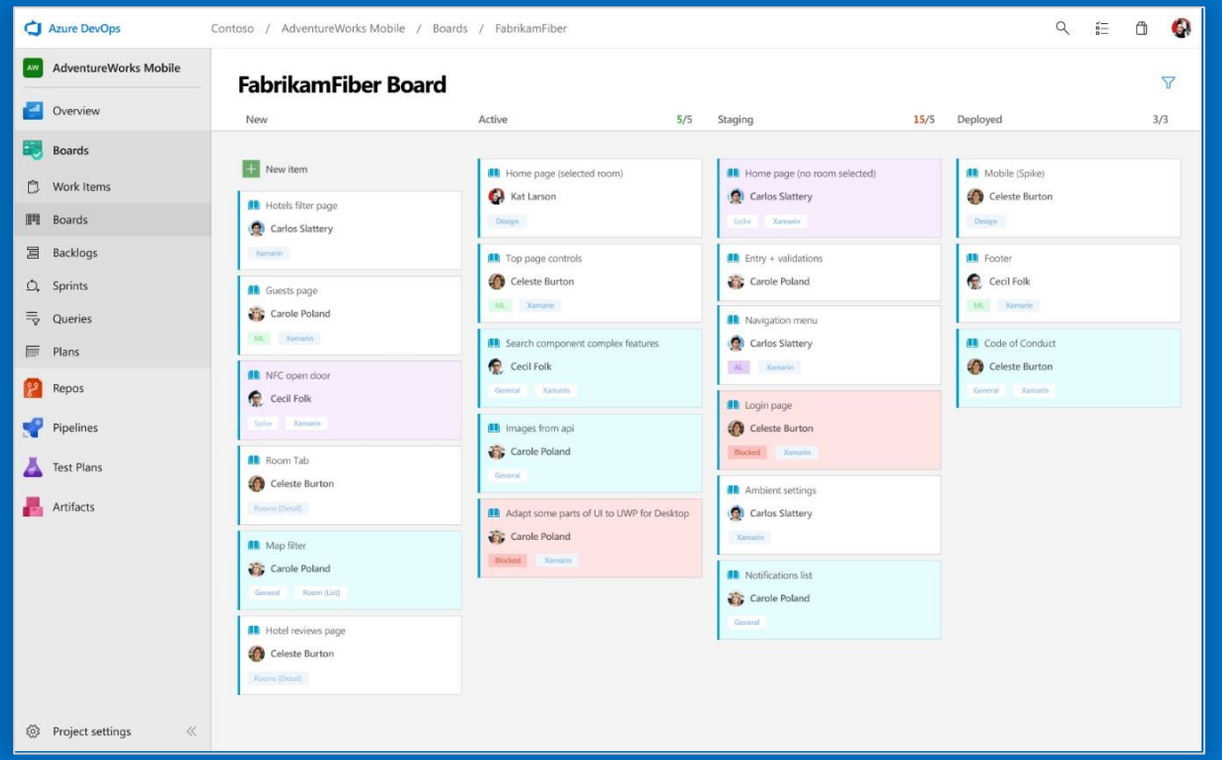
Azure Boards

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

Deliver

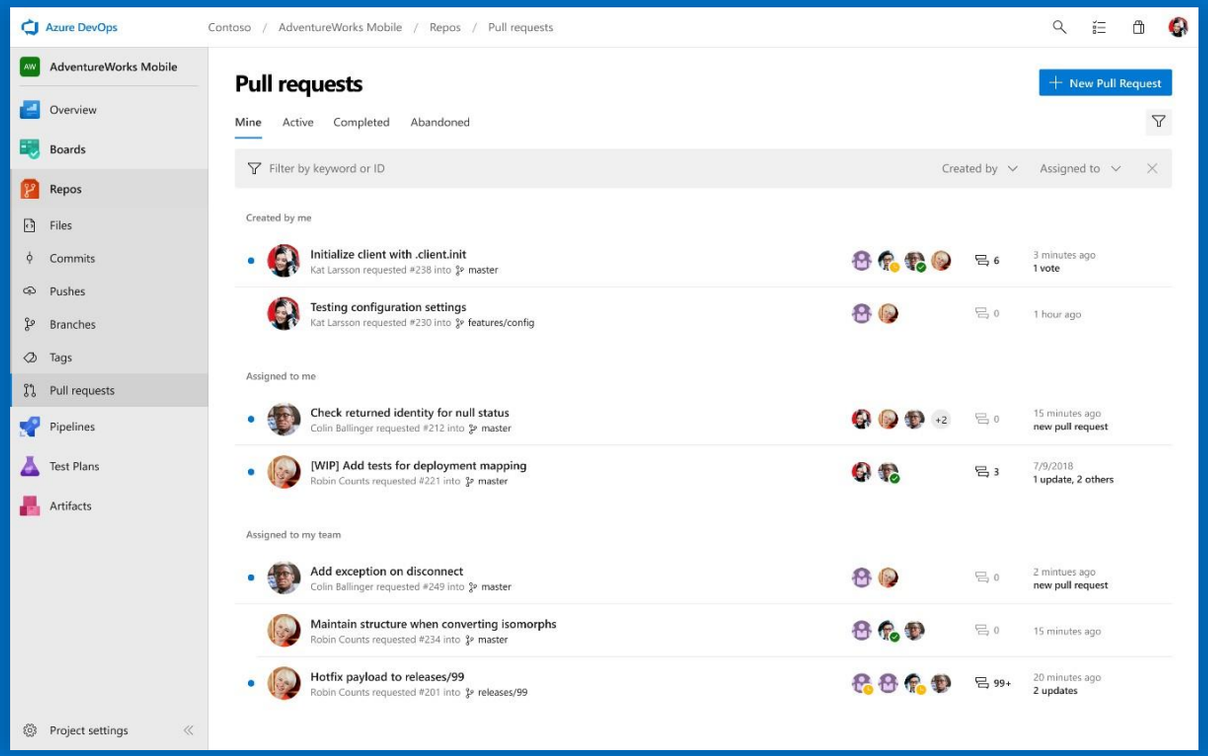
Azure Boards

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

Deliver

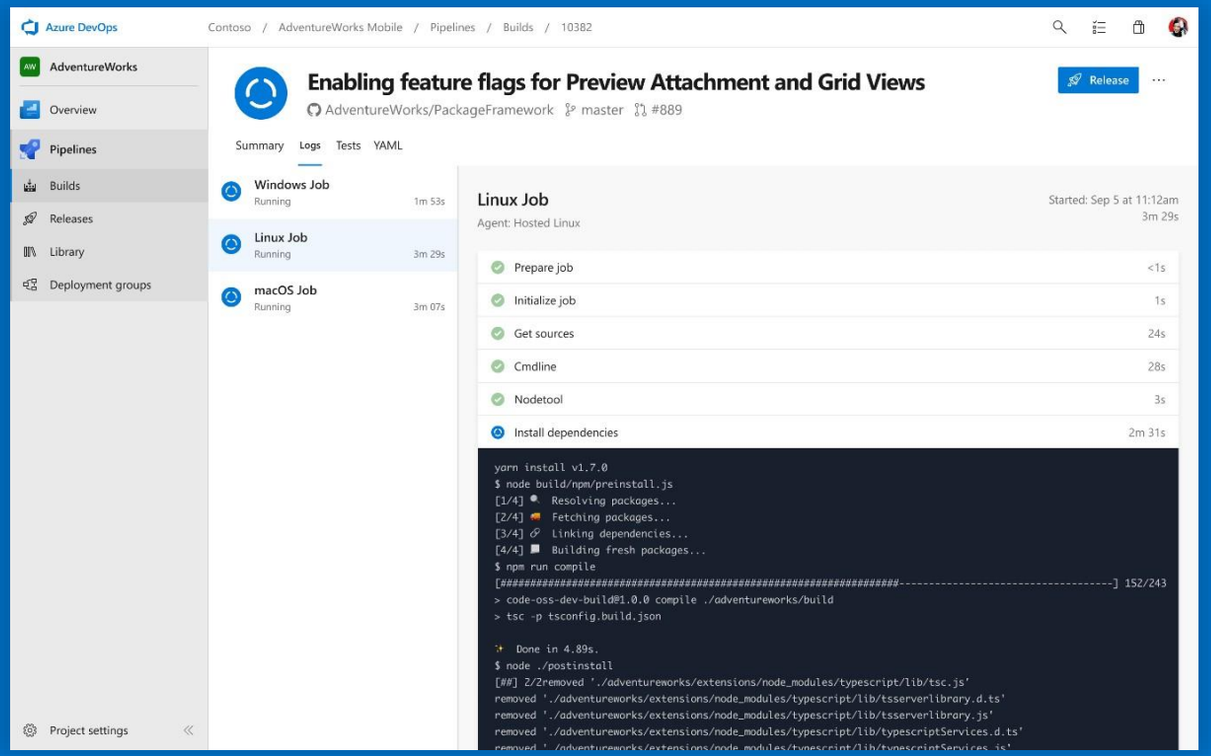
Azure Boards

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

Deliver

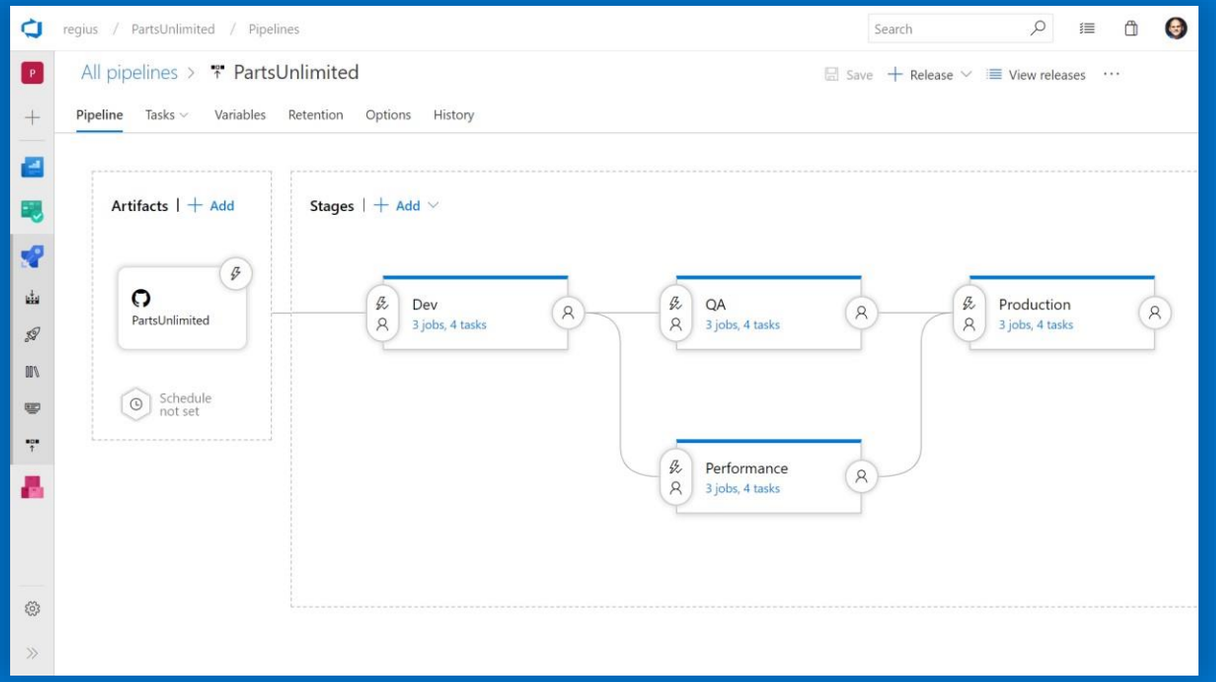
Azure Boards

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

Deliver

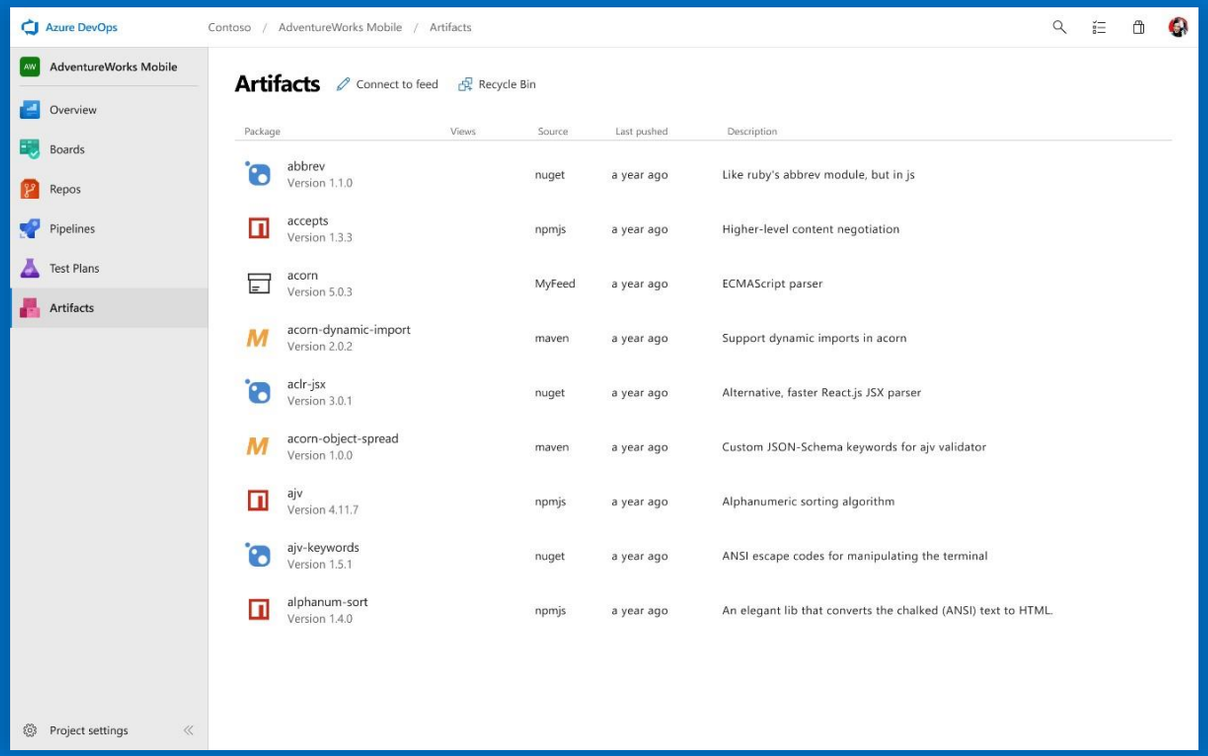
Azure Boards

Azure Repos

Azure Pipelines

Azure Artifacts

Azure Test Plans



Share code efficiently

Keep your Maven, npm, NuGet and Python packages and more in the same place

Aggregate from public registries and internal teams

Publish and track from any pipeline

Deliver

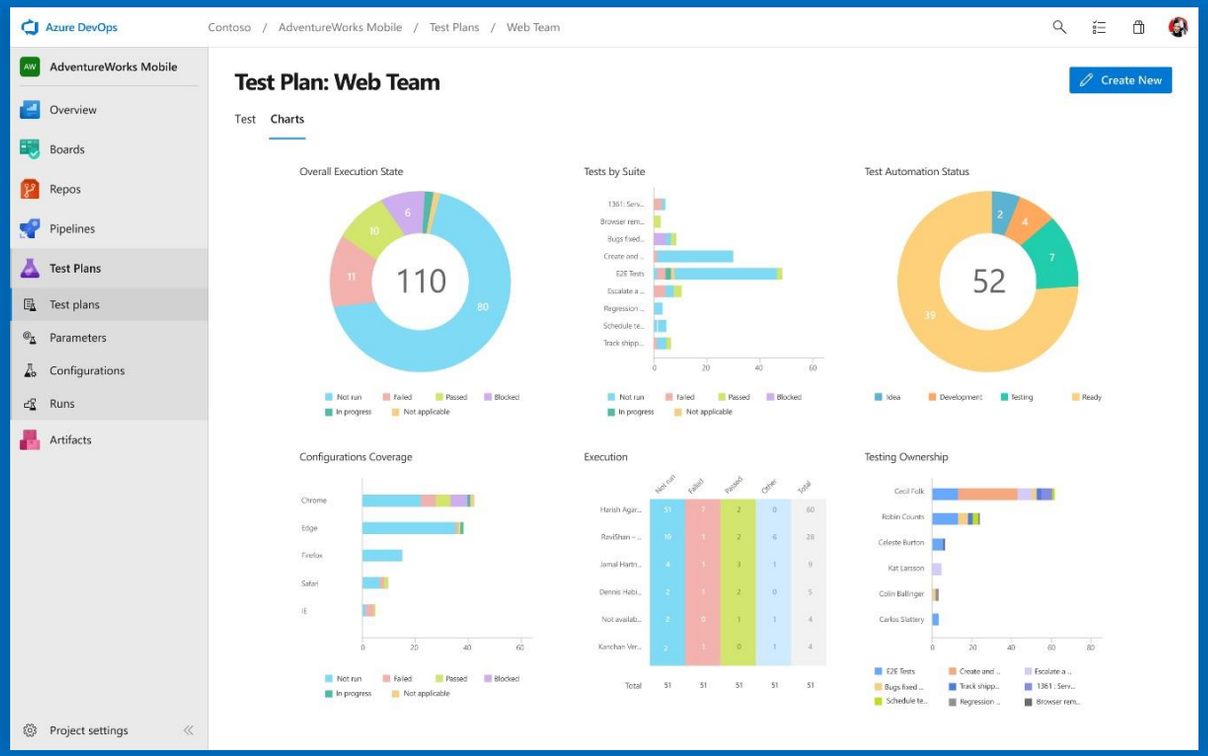
Azure Boards

Azure Repos

Azure Pipelines

Azure Artifacts

Azure Test Plans



Run tests and log defects from your browser

Track and assess 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

The #1 developer community on the planet

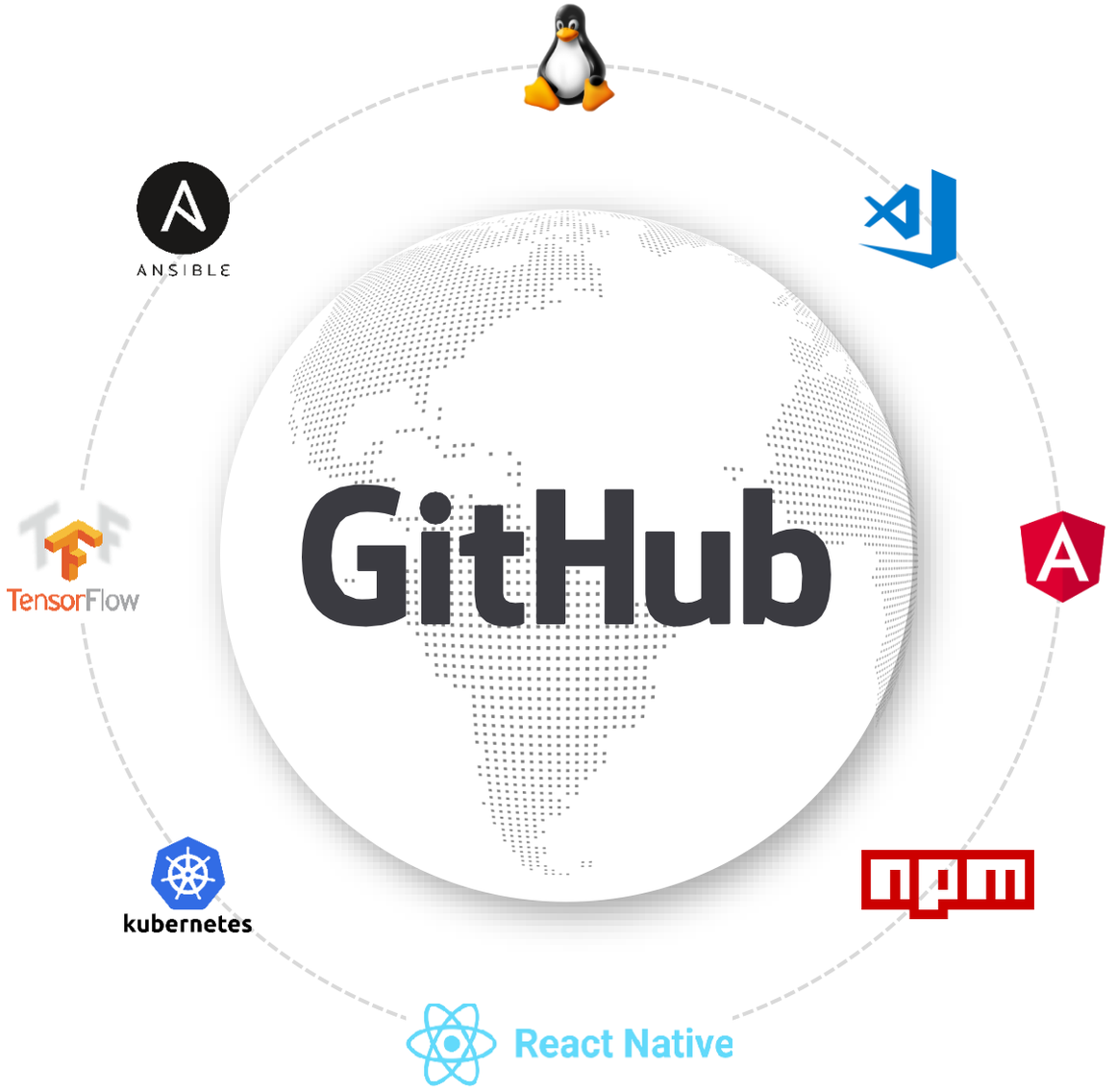
Most contributions **1.1B in 2018**

Most developers **33M**

Most Repos **100M**

Most secure **5M vulnerability alerts in 2018**

Home to the most important and popular open source projects on the planet



CHARPTEK

Winning the war for talent

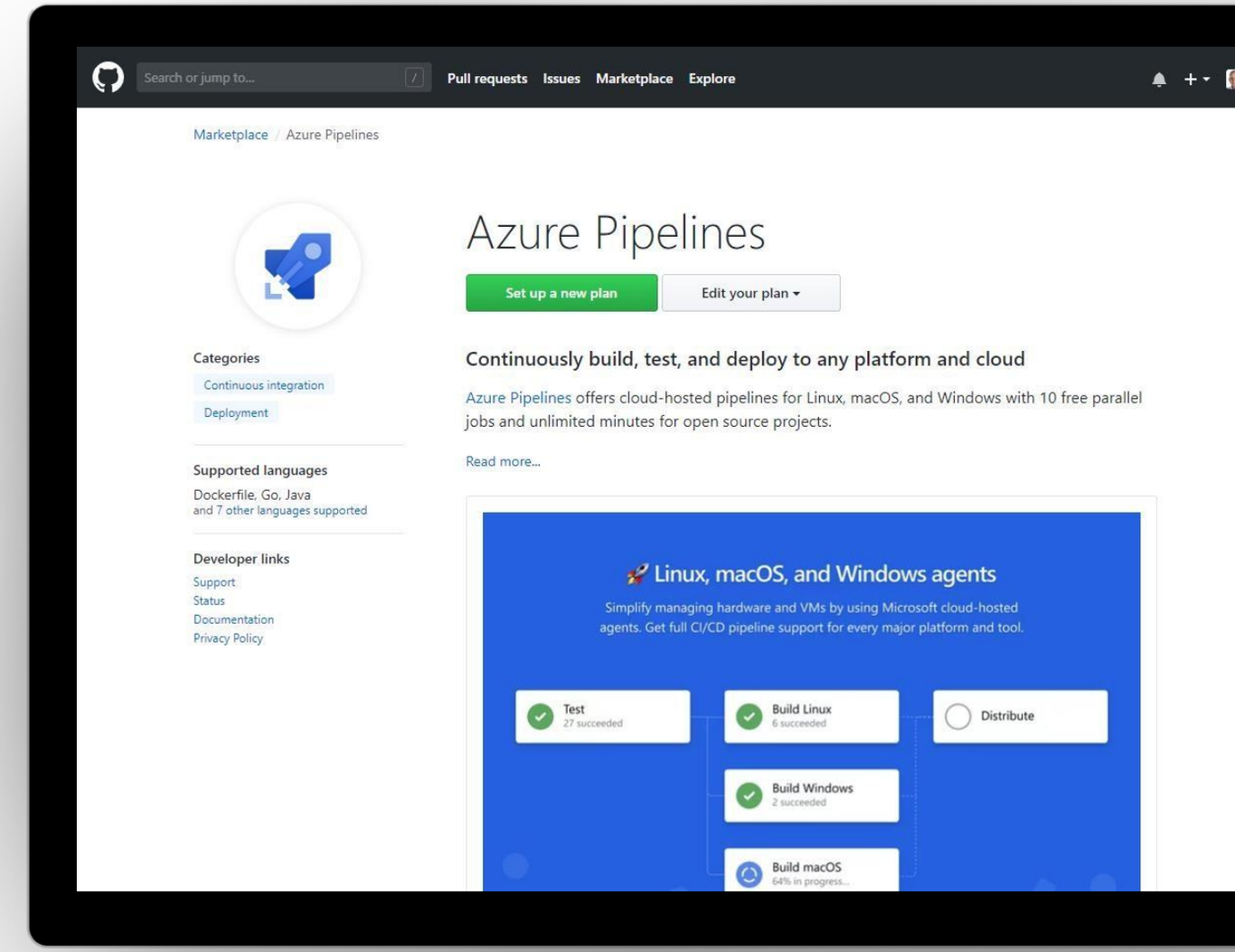
The world's leading companies use and contribute to open source software. It is also how they attract and retain talent

Developers want to:

- Solve interesting problems
- Collaborate with other developers
- Grow their skills
- Use tools they love

Azure DevOps Integrated with GitHub

Rich integration with Azure Pipelines and Azure Boards



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Azure DevOps with GitHub

Reactive operations

- Governance
- Security
- Monitoring
- Automation
- Resiliency

CHARPTEK

Moving to proactive operations with Azure

“Shifting left”

- Resiliency
- Monitoring
- Security
- Governance
- Automation

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

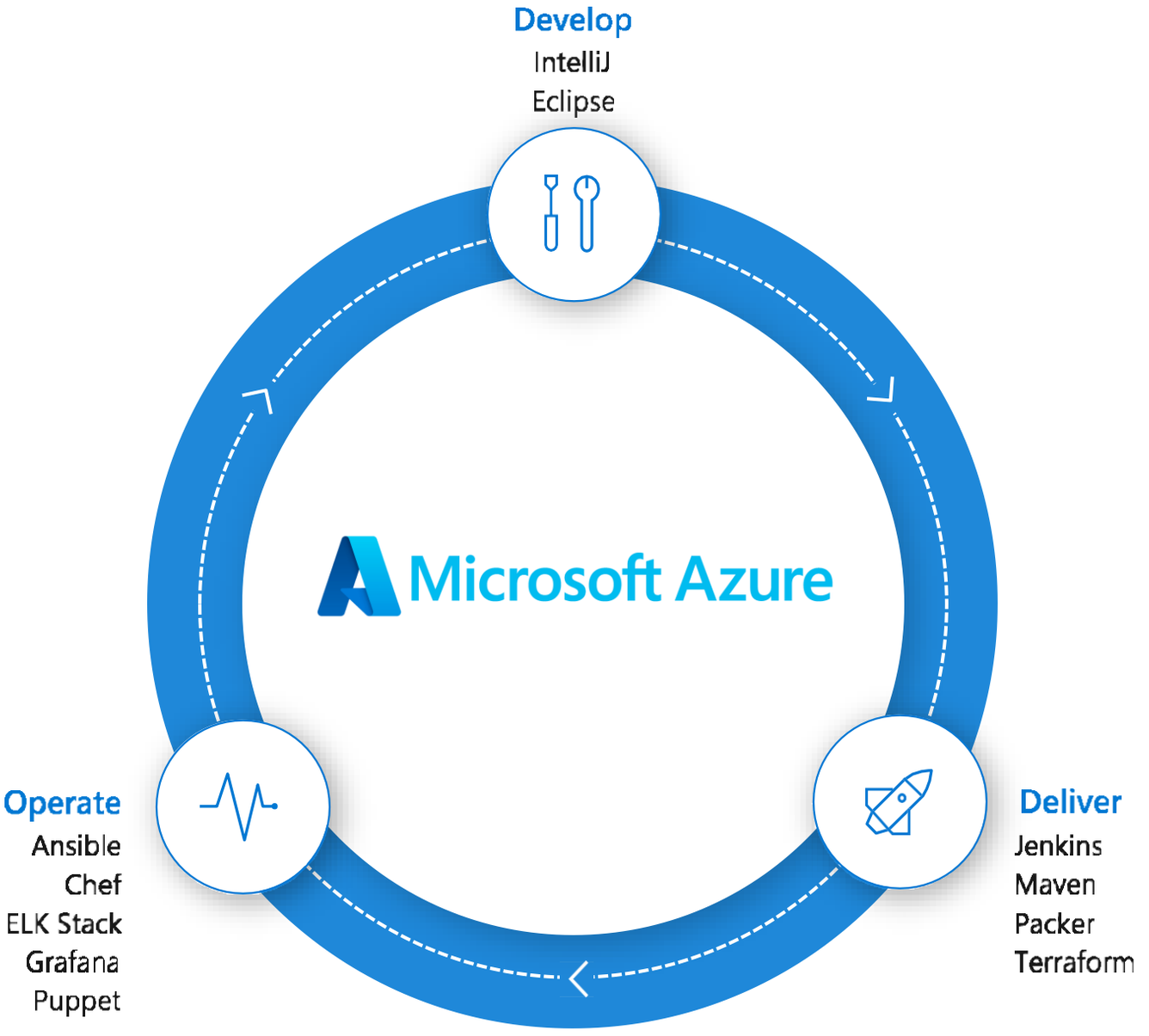
Powerful scripting, configuration and update management

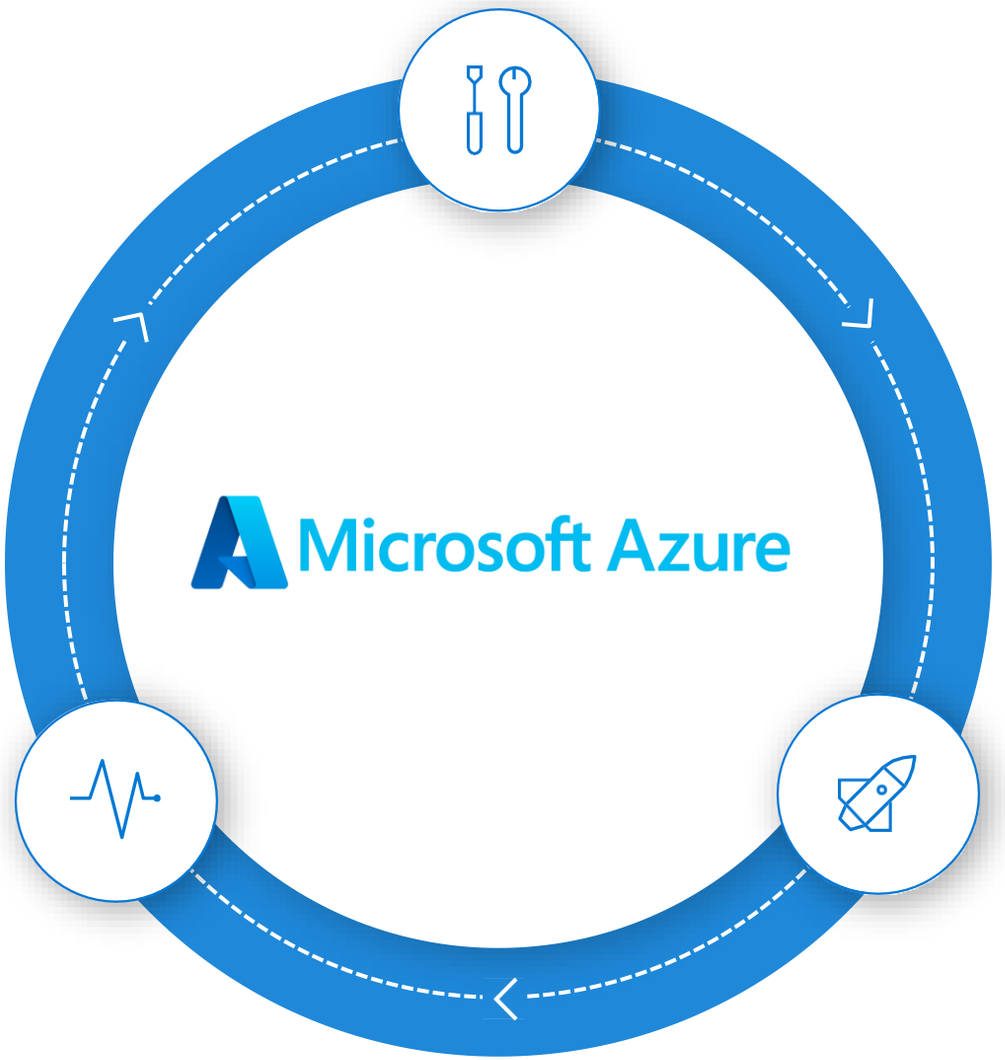
Azure
Automation

SHARPTEK

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

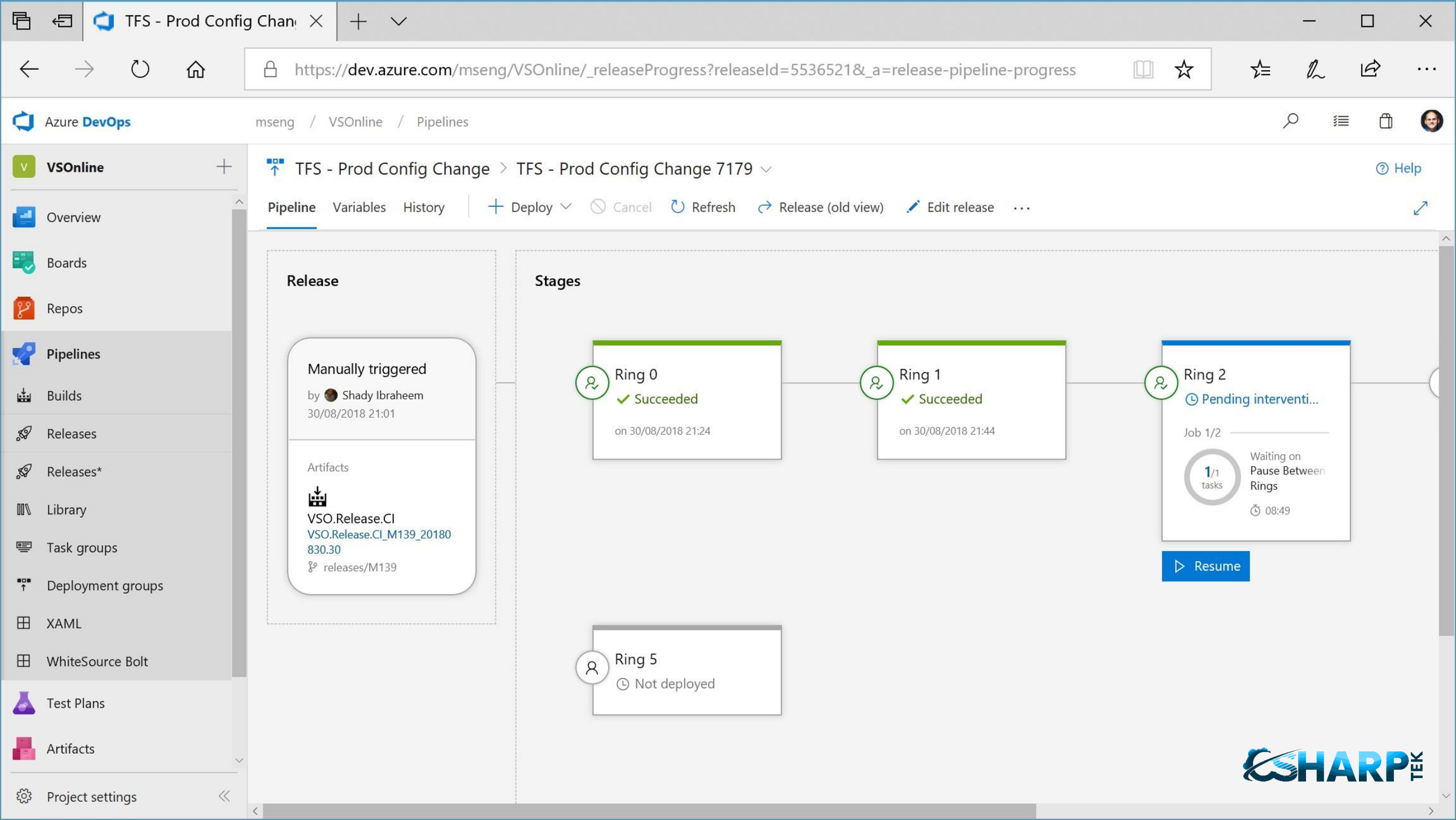
Advanced Workloads

- Web + Mobile
- Internet of Things
- Microservices
- Containers
- Serverless
- Identity
- Data + Analytics
- Artificial Intelligence
- Cognitive Services
- High Performance Computing

Azure Stack + Hybrid

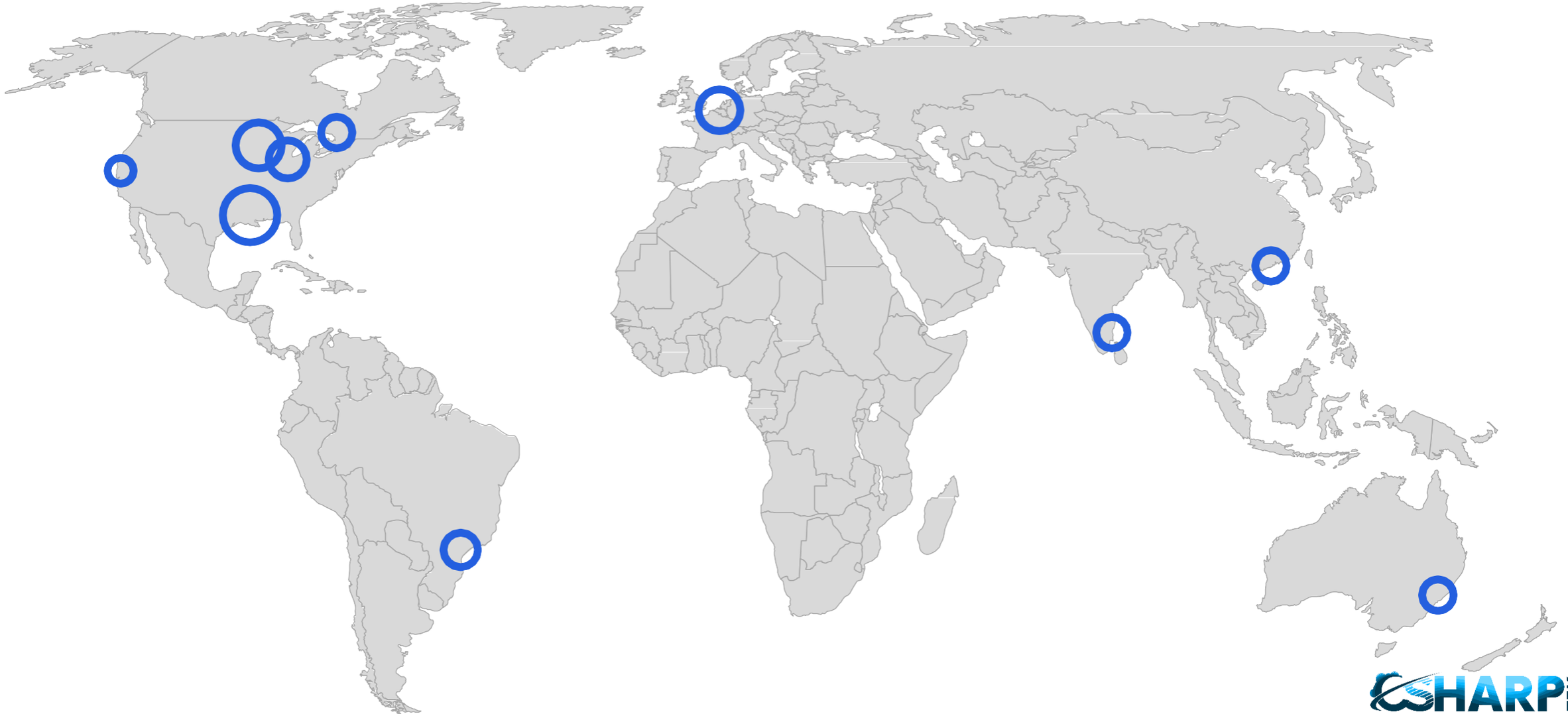
The cloud with DevOps tools built in

SHARPTEK


TFS - Prod Config Chan
https://dev.azure.com/mseng/VSOnline/_releaseProgress?releaseId=5536521&_a=release-pipeline-progress
Azure DevOps
mseng / VSOnline / Pipelines
VSOnline
Overview
Boards
Repos
Pipelines
Builds
Releases
Releases*
Library
Task groups
Deployment groups
XAML
WhiteSource Bolt
Test Plans
Artifacts
Project settings
TFS - Prod Config Change
TFS - Prod Config Change 7179
Help
Pipeline
Variables
History
Deploy
Cancel
Refresh
Release (old view)
Edit release
Release
Manually triggered
by Shady Ibraheem
30/08/2018 21:01
Artifacts
VSO.Release.CI
VSO.Release.CI_M139_20180830.30
releases/M139
Stages
Ring 0
Succeeded
on 30/08/2018 21:24
Ring 1
Succeeded
on 30/08/2018 21:44
Ring 2
Pending interventi...
Job 1/2
1/1 tasks
Waiting on Pause Between Rings
08:49
Resume
Ring 5
Not deployed

Global Reach

Azure DevOps has more global regions than any other cloud provider



Migrating from On-Prem to the Cloud

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

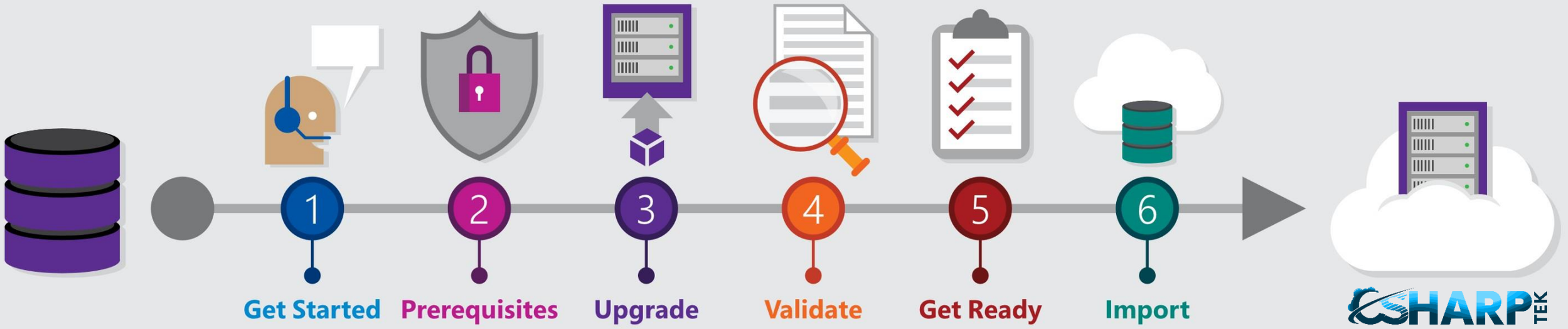
Benefits of Cloud Hosted Azure DevOps Services

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

Azure DevOps Import Service

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

https://aka.ms/tfsimport



Azure DevOps Futures

First Party is Third Party

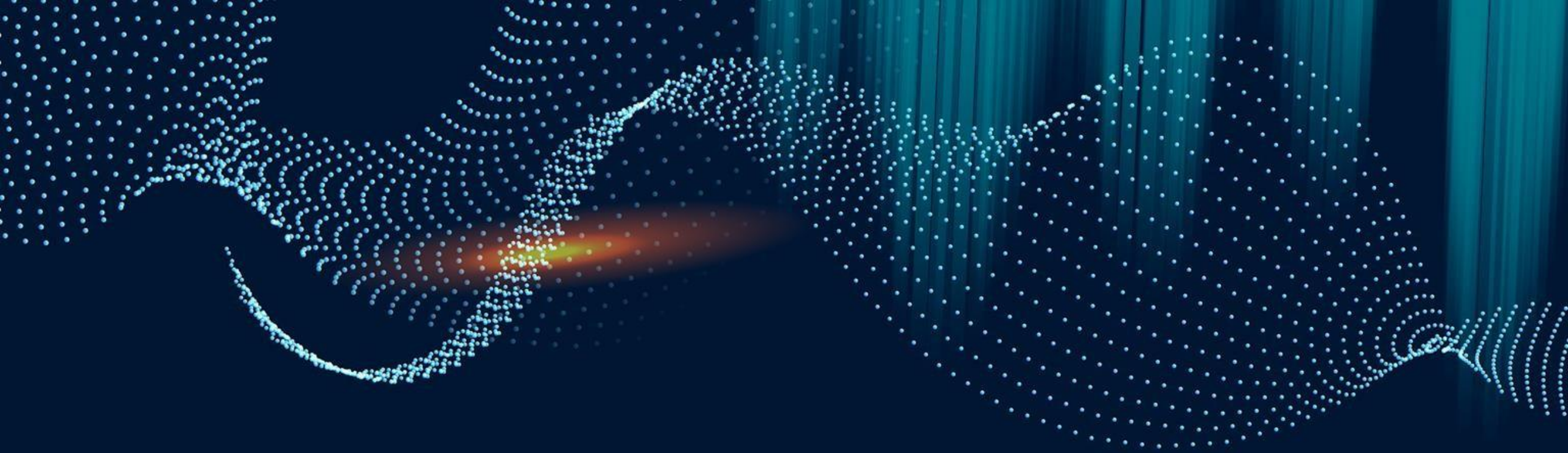
NextGen Agile

Continuous Delivery

Containers

Secure & Compliant DevOps

Actionable Insights



Testimonials

Testimonials

Insurance Software Development for Insurance Company

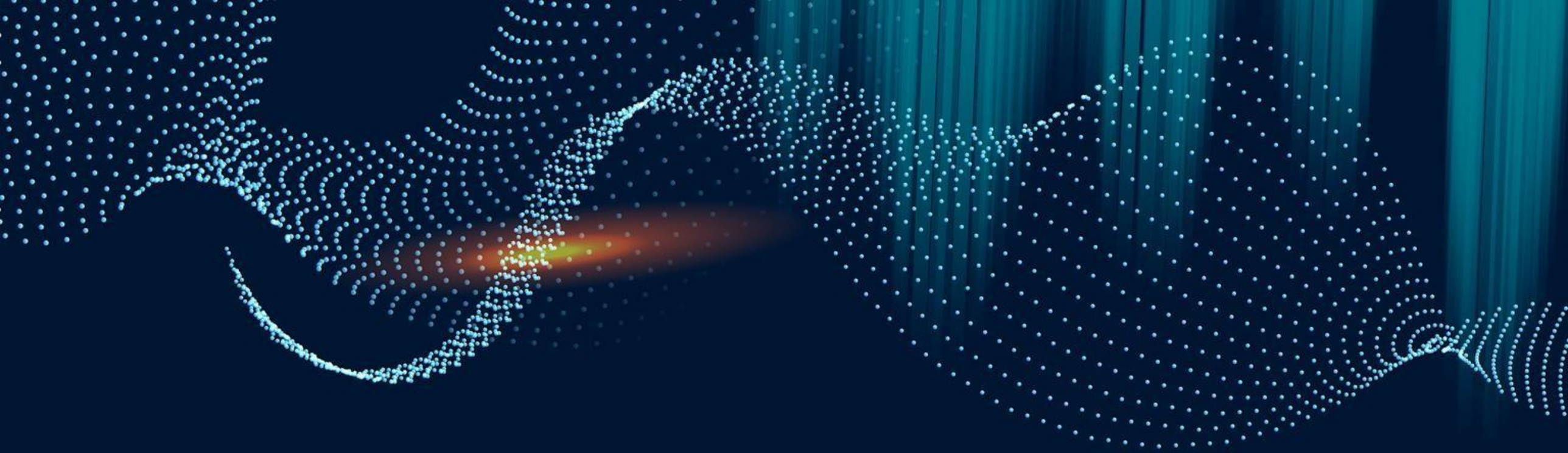
" They think hard about how to deliver what we want in the best manner possible"

Custom Software Dev for Business Consultancy Company

"They are talented, flexible in staffing and time management, and adapt easily to procedures and style of work."

Custom Software Dev for Intellectual Property Company

"The quality of the work was always very good, and errors are quickly corrected"



Why Choose Csharptek

Why Choose Csharptek?

Experienced Development Team: Skilled professionals with a proven track record.

Cutting-Edge Technologies: Embracing the latest tools and frameworks.

On-Time Delivery: Committed to meeting project deadlines.

Seamless Communication: Regular updates and transparent collaboration.

THANKS!

Do you have any questions?

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Thank you for considering Csharptek for your DevOps needs. We are excited to partner with you and bring your ideas to life!

Contact us to discuss your DevOps needs and get a free consultation. Our team is eager to turn your ideas into reality!