Kainskep Case Studies

Who We Are

Kainskep is a global technology and analytics services company. We help our clients achieve speed-to-market, overcome digital barriers, and create business value with our specialized service offerings and consultative business approach. We speak the language of business as fluently as we do the language of technology. In other words, we speak digitally.

Our goal: accelerate our clients' digital leadership.

50+
Employees

Based out of

Jaipur, Rajasthan

Delivering Solutions
Across The Globe

Solution Competencies

App Modernization and Cloud-Native


Microservices


Serverless


CNCF


Event Driven

Containerization

Application Development

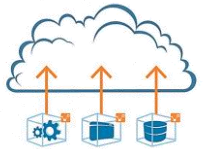

Web Development


Mobile App Development


Backend Development

API Development

Cloud Transformation


Cloud Migration


Cloud Management


Cloud Security


Cloud Assessment

DevOps and Automation

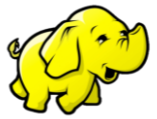

Infrastructure Automation


Continuous Integration


Continuous Testing

Continuous Delivery

Data & Analytics

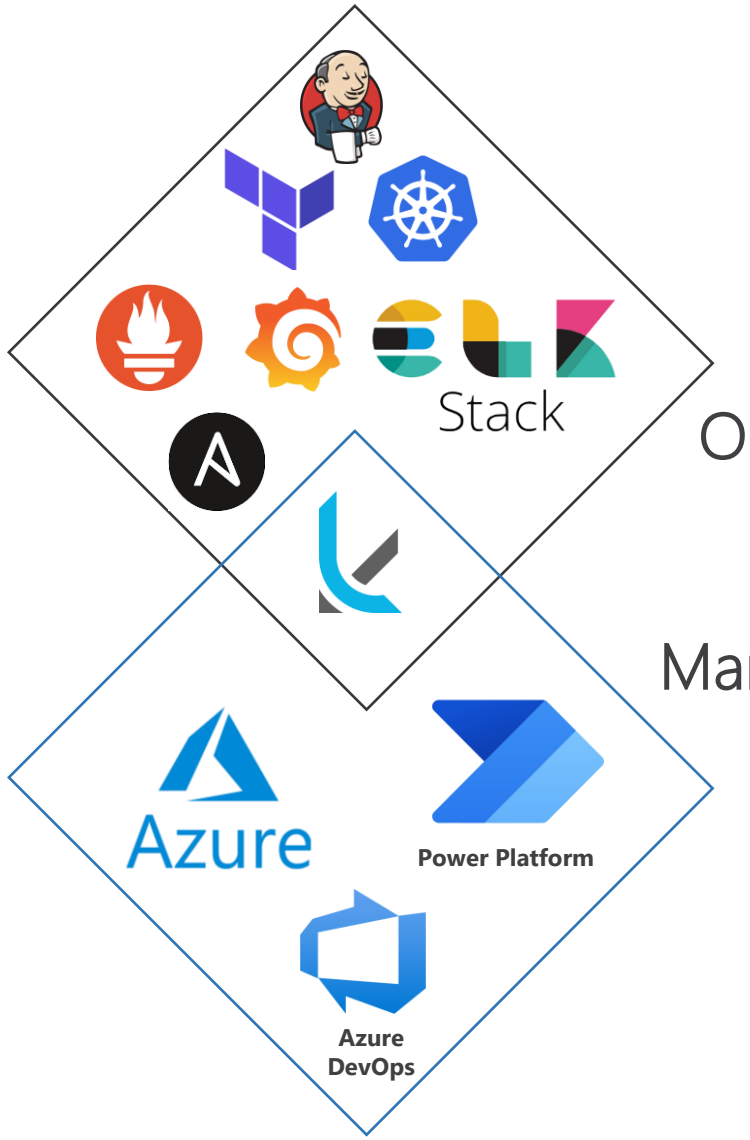

Big Data


Data Visualization

Data Warehouse


ETL Orchestration

Our DevOps Competencies



Open-source

+

Managed Cloud

Kainskep gives clients more choice and flexibility for their hybrid cloud applications and deployments, delivering enterprise solutions, simplified designs, rigorous security, and integrated support with the collaboration of Opensource and Manage Cloud.

Application Modernization

Businesses modernize for different reasons

Reliability and security

17% YoY increase in data breach

Customer experience

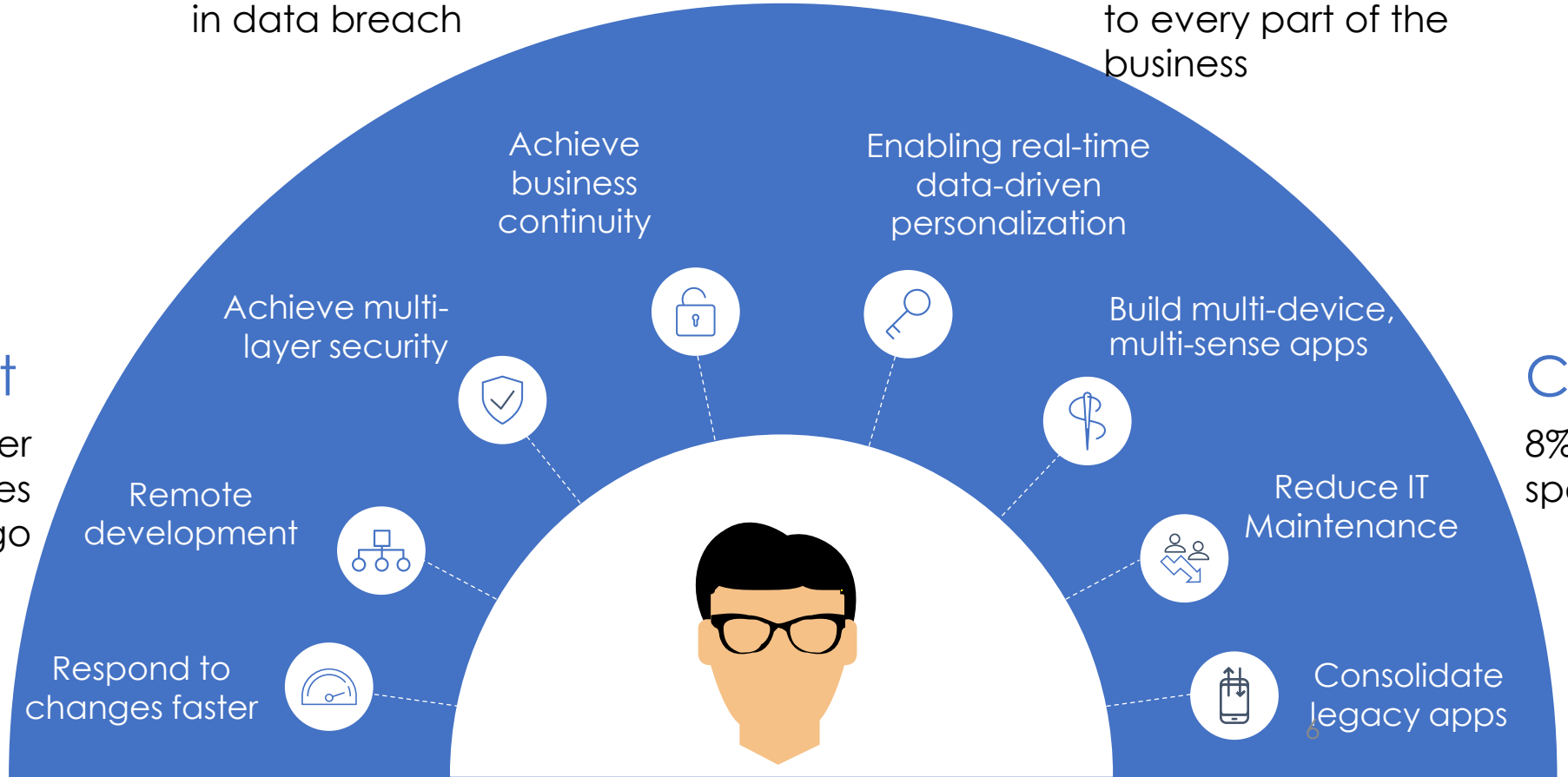
By 2024 AI will be integral to every part of the business

Time to market

7x faster release cycles vs. 10 years ago

Cost

8% decline in IT spend in 2020



And the tools vary depending on the path chosen

Low code

Use low code to extend LoB apps rapidly

Cloud platforms

Leverage application platforms to abstract away infrastructure management

DevOps

Accelerate development by adopting DevOps practices and tools

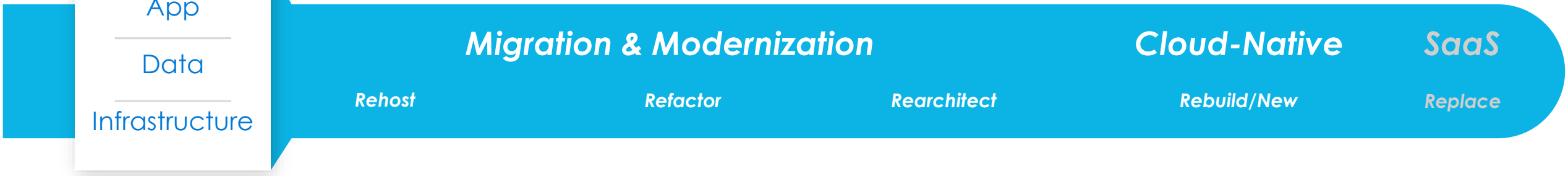
AI

Infuse AI to more application scenarios

Managed database

Use fully-managed databases to offload database management

Different paths - one journey to the cloud



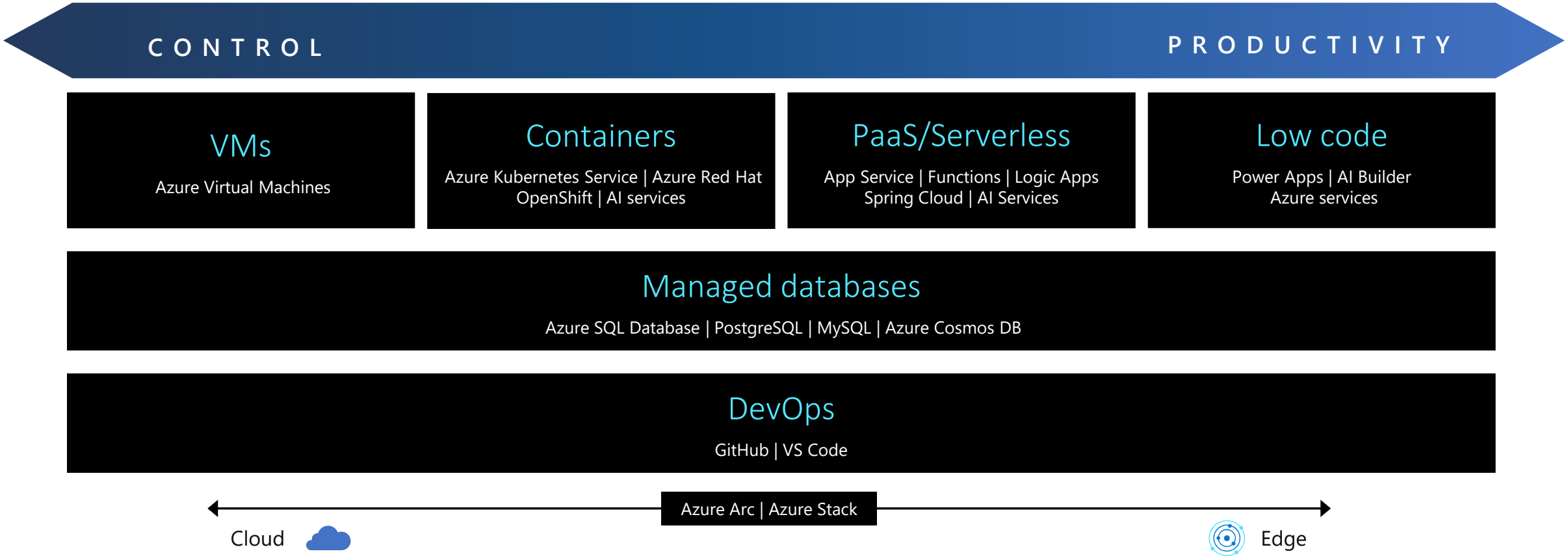
	Rehost	Refactor	Rearchitect	Rebuild/New
Description	***Rehost*** **Redeploy as-is to cloud**	***Refactor*** **Minimally alter to take better advantage of cloud**	***Rearchitect*** **Materially alter/decompose application to services**	***Rebuild/New*** ***New code written with Cloud-Native Approach***
Business drivers	• Reduce Capex. • Free datacenter space. • Quick cloud ROI.	• Faster, smaller updates. • Code portability. • Greater cloud efficiency (resources, speed, cost).	• App scale and agility. • Easier adoption of new cloud capabilities/technologies. • Mix technology stacks.	• Accelerate innovation. • Build apps faster. • Reduce operational cost.
Core technologies	**IaaS**	**Containers PaaS**	**PaaS Serverless Microservices**	

Business results

IaaS: 435% ROI, 73% reduction in datacenter footprint and 83% reduced IT outsourcing cost.

PaaS: 466% ROI, 80% time saved, 5.91M NPV, 50% faster deployments.
Containers: 13x more releases, 10x cost reduction, 65% faster developer onboarding, 62% better availability.

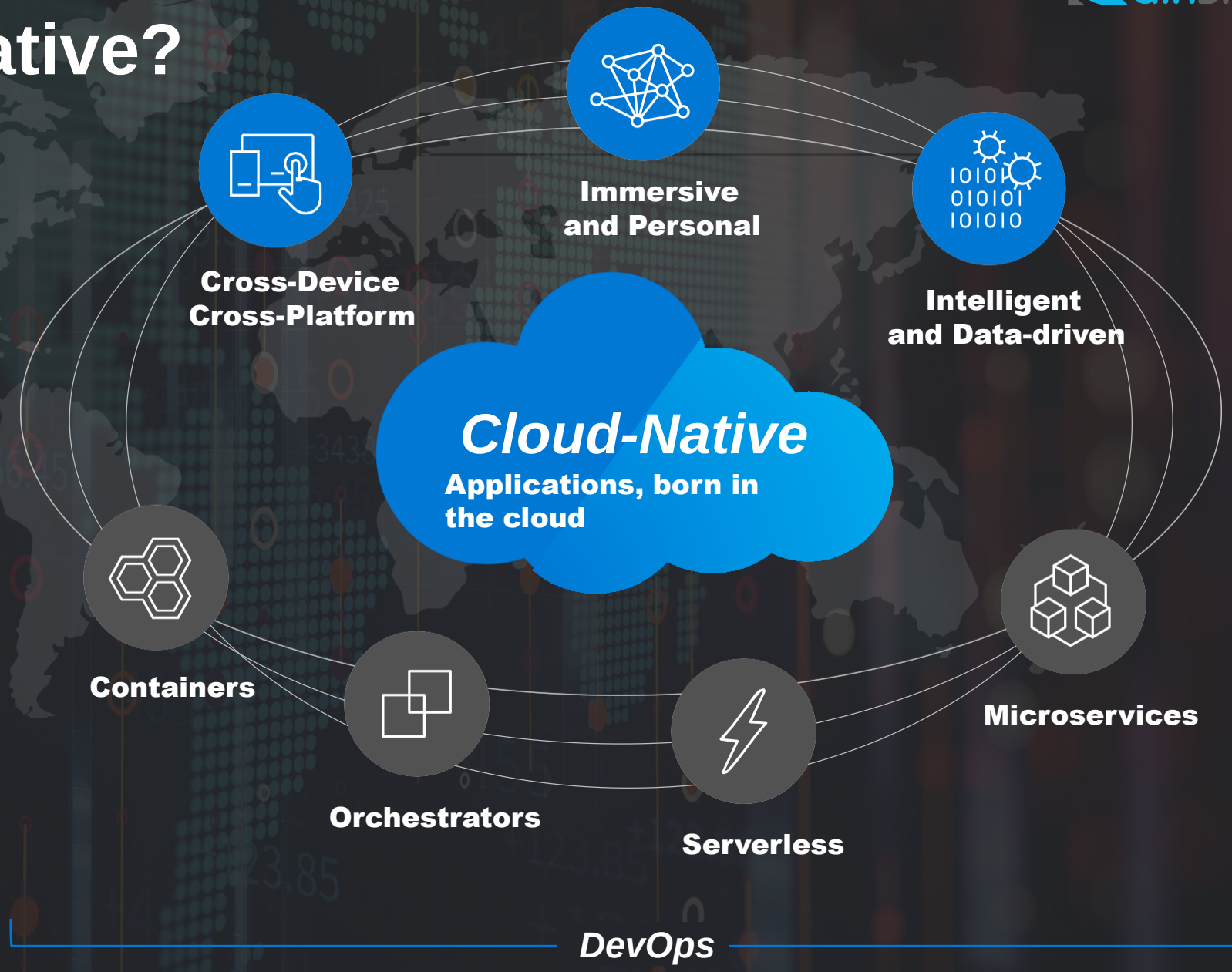
Modern Application Development Platforms



What is Cloud-Native?

Application Experience

Application Architecture



A turn-key delivery platform for Cloud-Native applications

Compute

Container Instances - Run containers on Azure without managing servers.

Azure Functions – Accelerate app development with an event-driven, serverless compute platform.

Orchestration

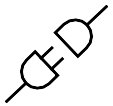
Azure Kubernetes Service (AKS) Simplify, deployment, management, and operations of Kubernetes.

Azure Redhat Openshift (ARO) - Build and operate always-on, scalable, distributed apps.

Databases

Cosmos DB - Build and operate always-on, scalable, distributed apps.

SQL Azure - Intelligent, fully managed relational cloud database services that provide broadest SQL Server engine compatibility.



Integration

Logic Apps - Create business processes and workflows visually.

Event Grid - Build reactive, event-driven apps with a managed event routing service.

API Management - Publish, manage, secure, and analyze your APIs in minutes.

Service Bus – Securely connect across private and public clouds.

DevOps

Use **Visual Studio or Visual Studio Code**, either on PC or Mac, or stay with your preferred editor and IDE.

Go faster from idea to release, iterate quickly and deliver better software with **Azure DevOps and GitHub Actions** .

Secure cloud resources and apps faster with built-in tools for **security management** and threat protection.

Our Cloud Offerings

Lift and Shift

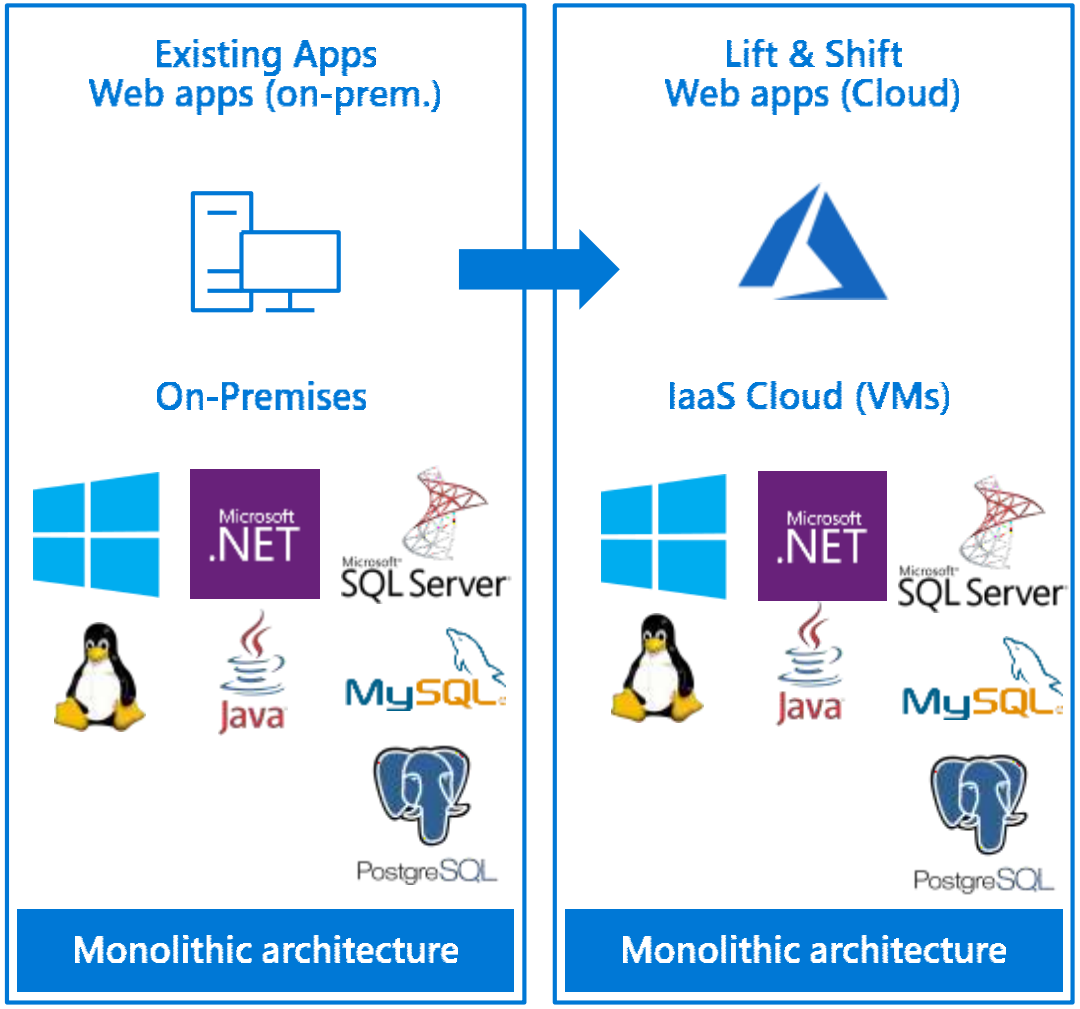
Migrate your on-premise application to IaaS on Azure

Pros

- No re-architect or new code
- Least effort for quick migration
- Improved flexibility and Cost optimization

Cons

- Smaller cloud value
- Manual patching, upgrades
- Limited automated app scaling and high availability



Cloud Optimized

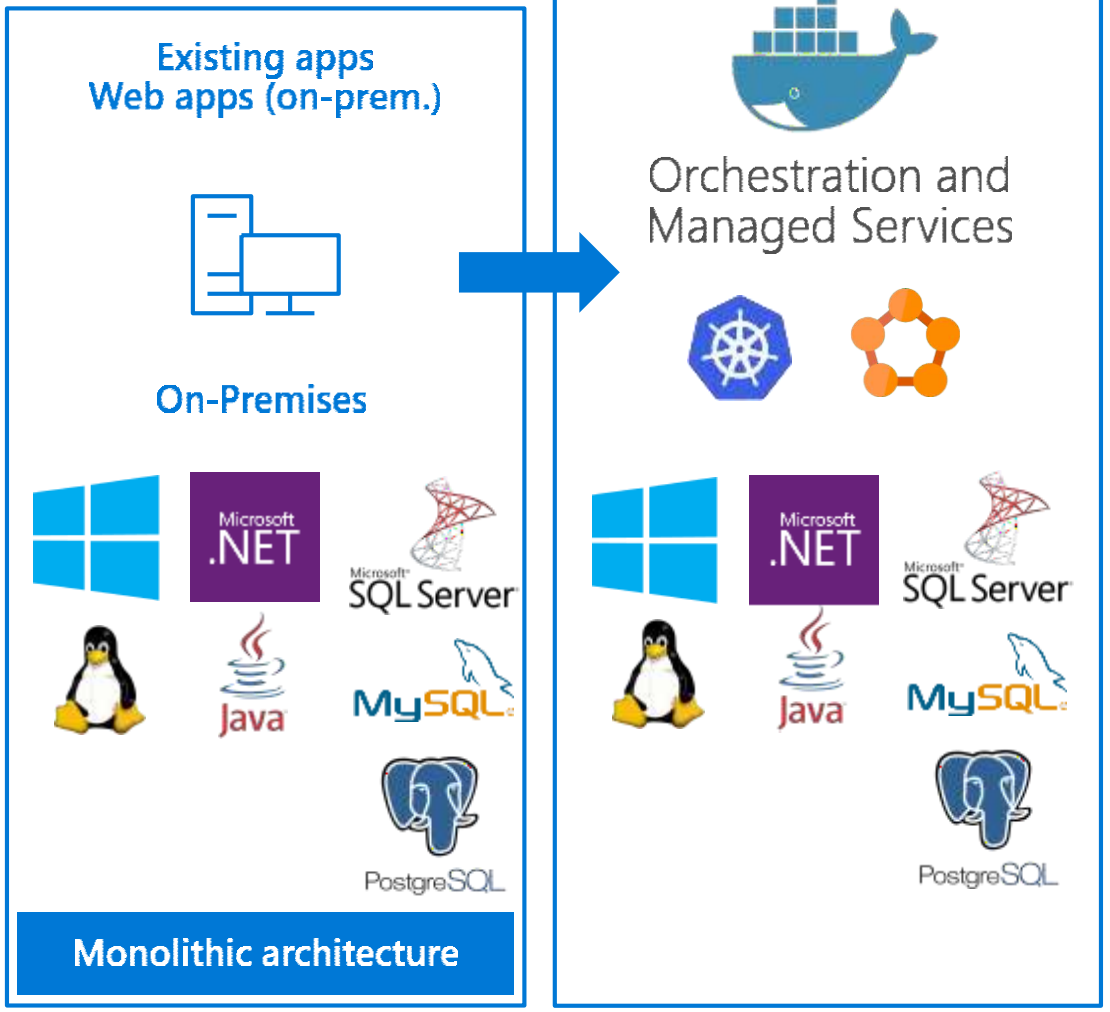
Get more Cloud benefit by Containerizing your app

Pros

- No re-architect or new code
- Increased density & lower deployment cost
- Improved productivity and DevOps agility
- Portability of apps and dependencies
- High availability with Orchestrators

Cons

- Containerization is an additional step



App Modernized

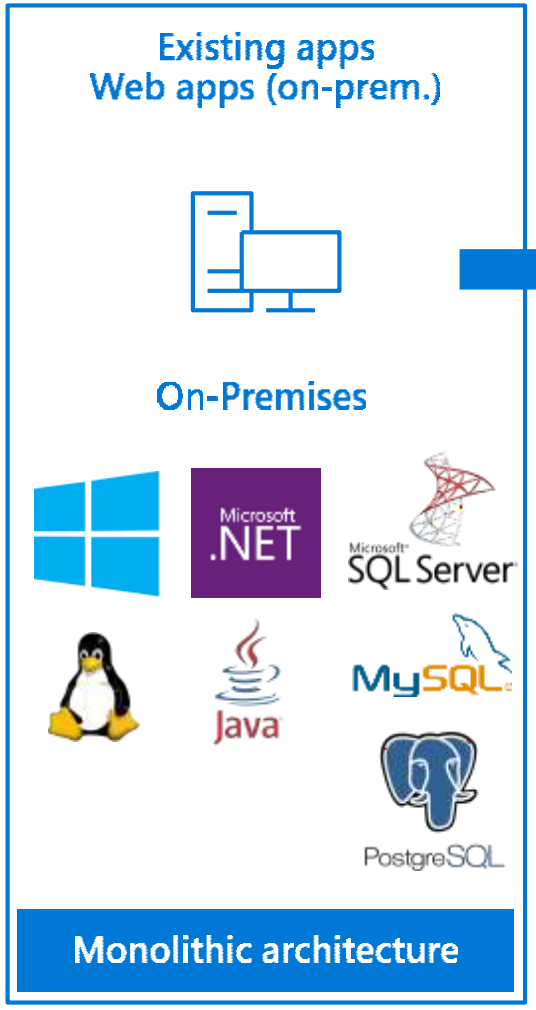
Extend your apps with new cloud native services including serverless, microservices and PaaS.

Pros

- Optimized for long term agility
- Optimized for scale and high availability
- Modern Architecture with Microservices

Cons

- Requires significant code refactoring or rewriting



KainSkep

Thanks