



Activate Azure with DevOps

Microsoft Services





Activate Azure with DevOps

Module 5: DevOps Foundations

Microsoft Services



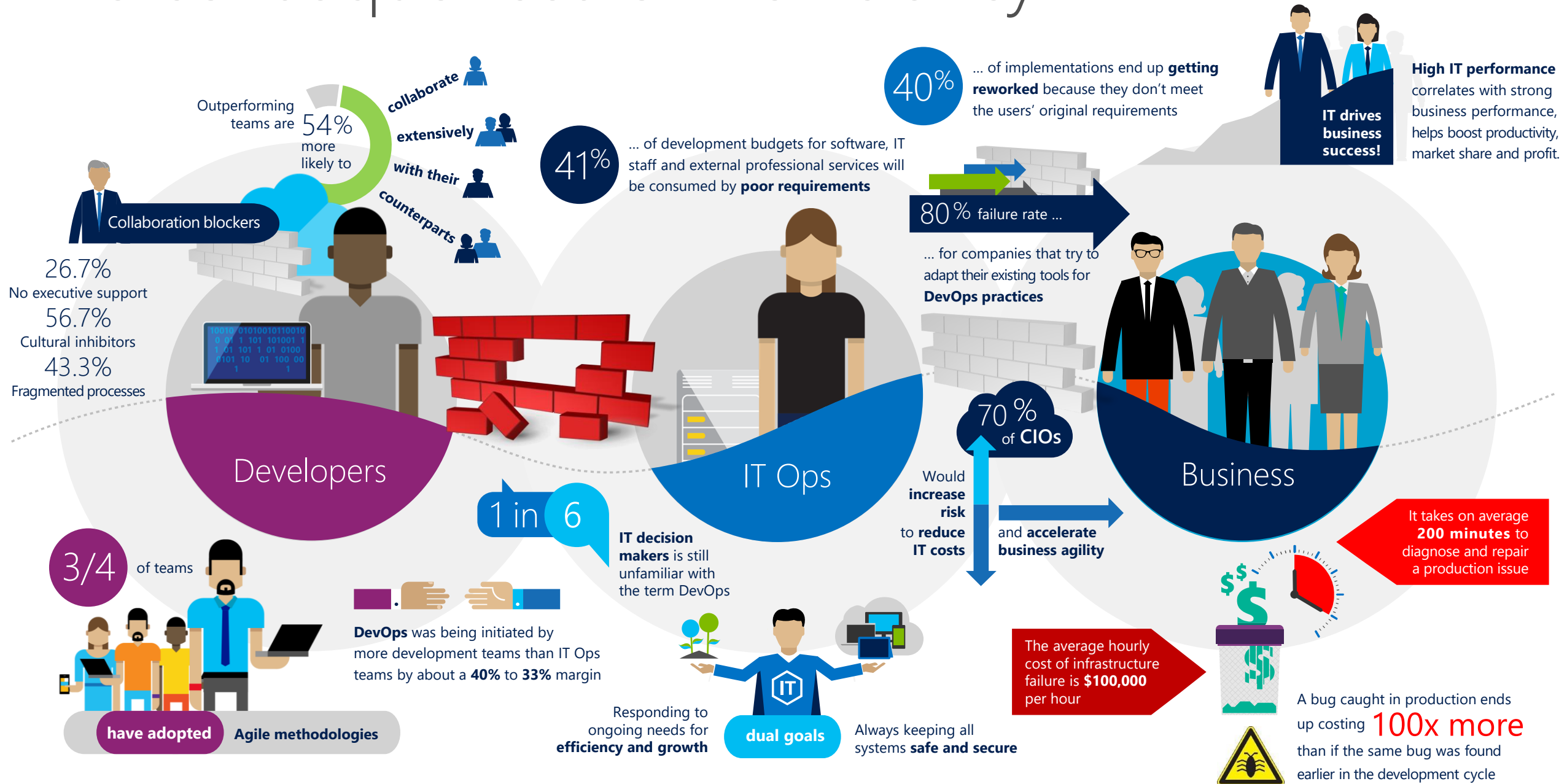
Objectives

After completing this learning unit, you will understand

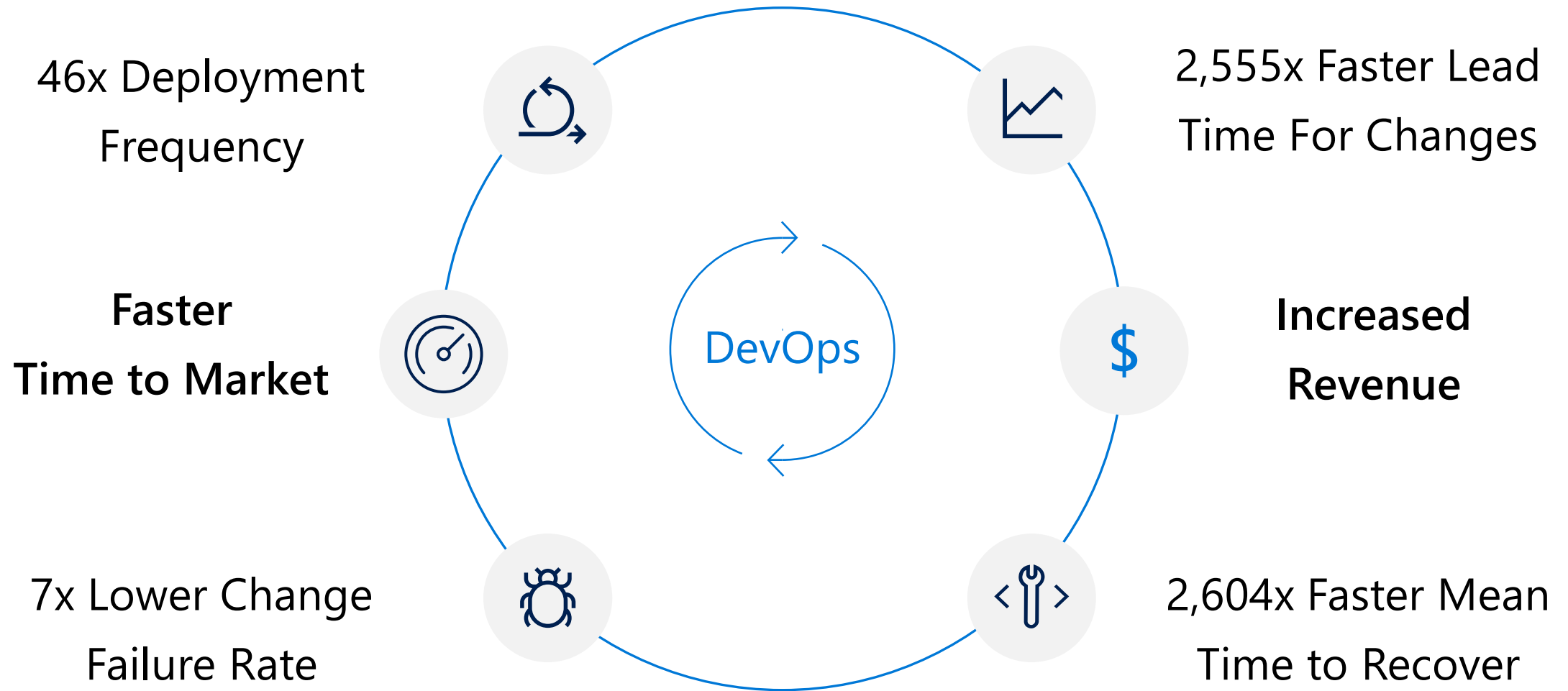
- Why DevOps?
- The Conversation
- DevOps Journey
- Business Value of DevOps

Why DevOps?

The consequences of inefficiency



High Performance DevOps Companies Achieve...



DevOps at Microsoft

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

 <https://aka.ms/DevOpsAtMicrosoft>



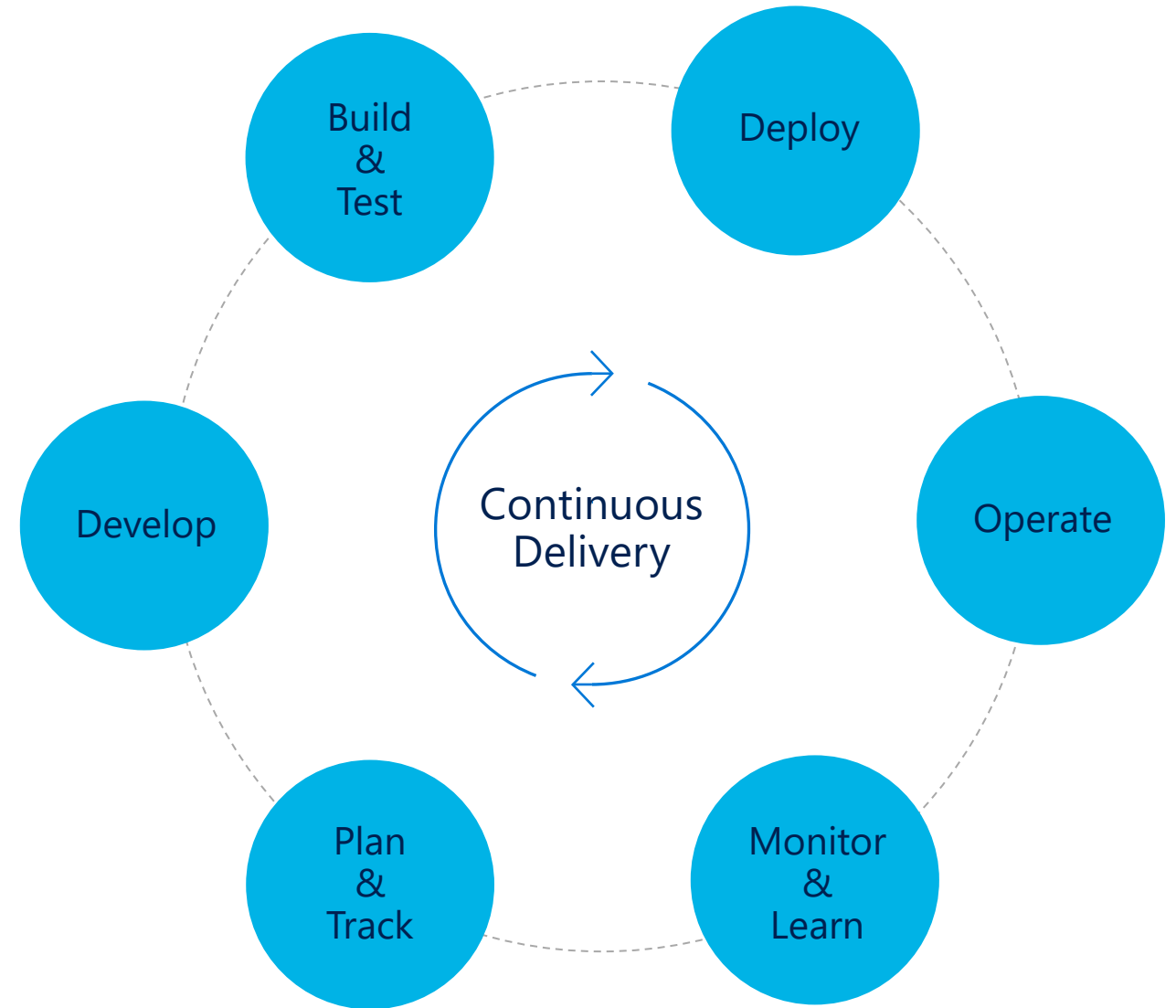
The Conversation

What is DevOps?

People. Process. Products.

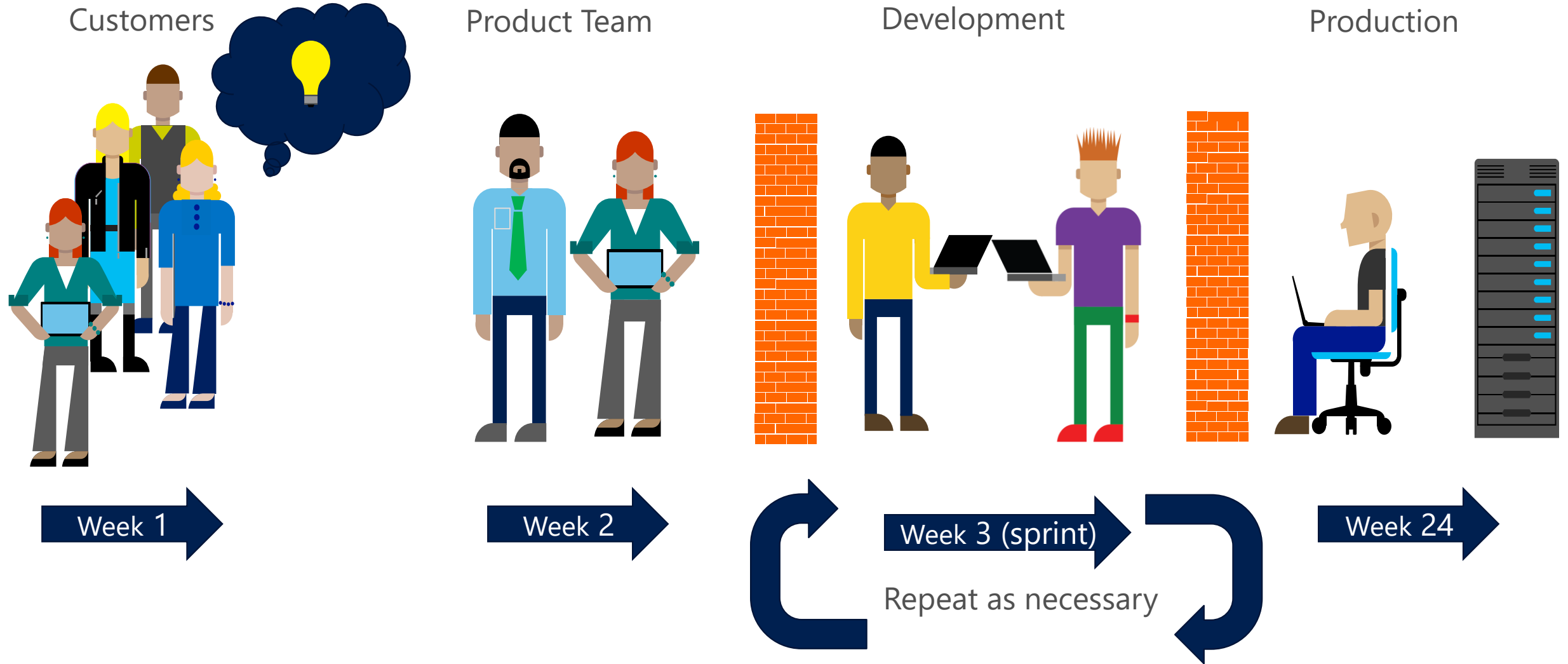


DevOps is the union of **people**, **process**, and **products** to enable continuous delivery of value to your end users. ”



DevOps Journey

Legacy Development Pattern



What Happens?

Production



6 months later

Customers



Feature Team



What Happens?

Production

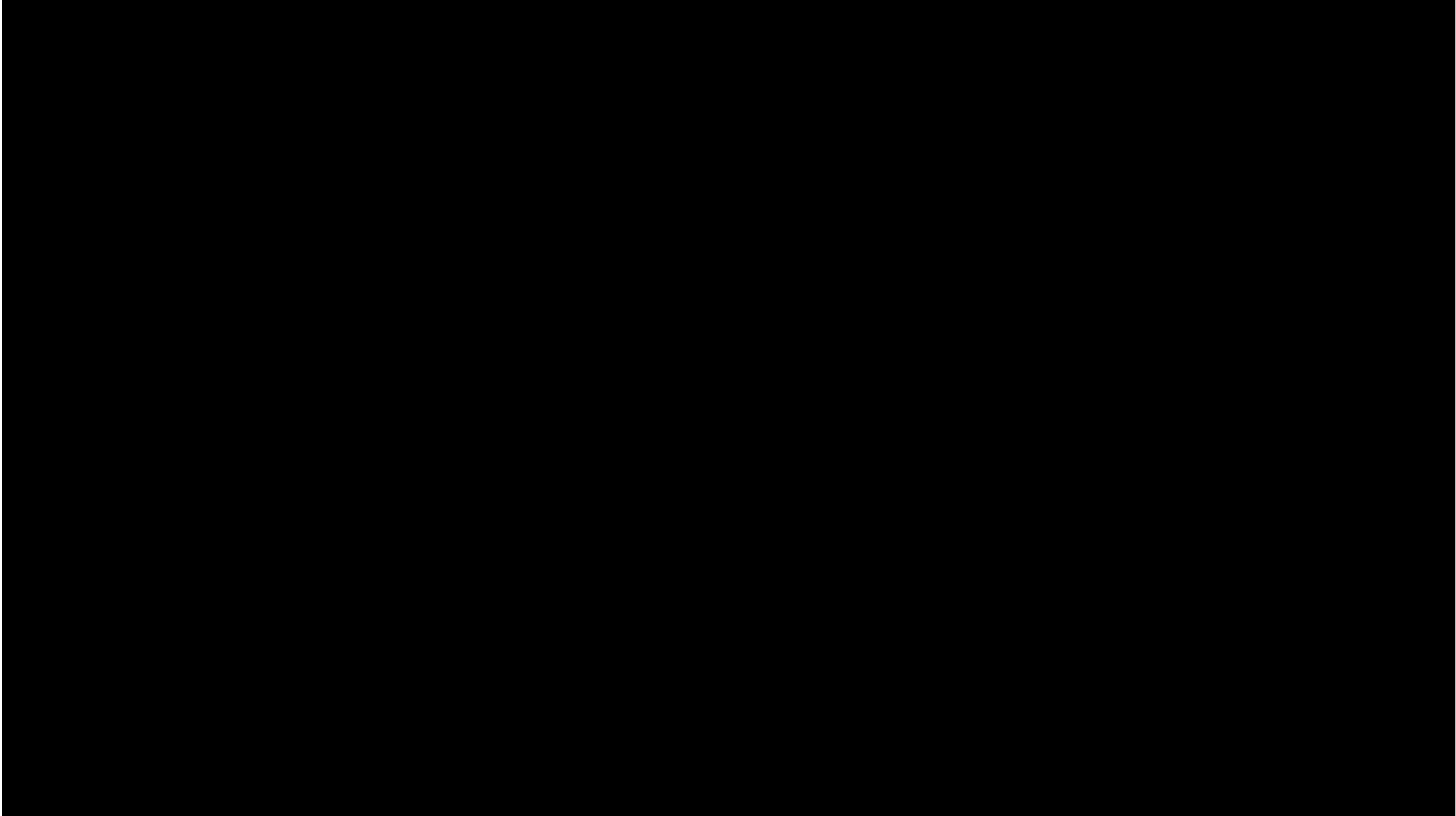


1 Week

Customers



Testimonial 1– Why DevOps

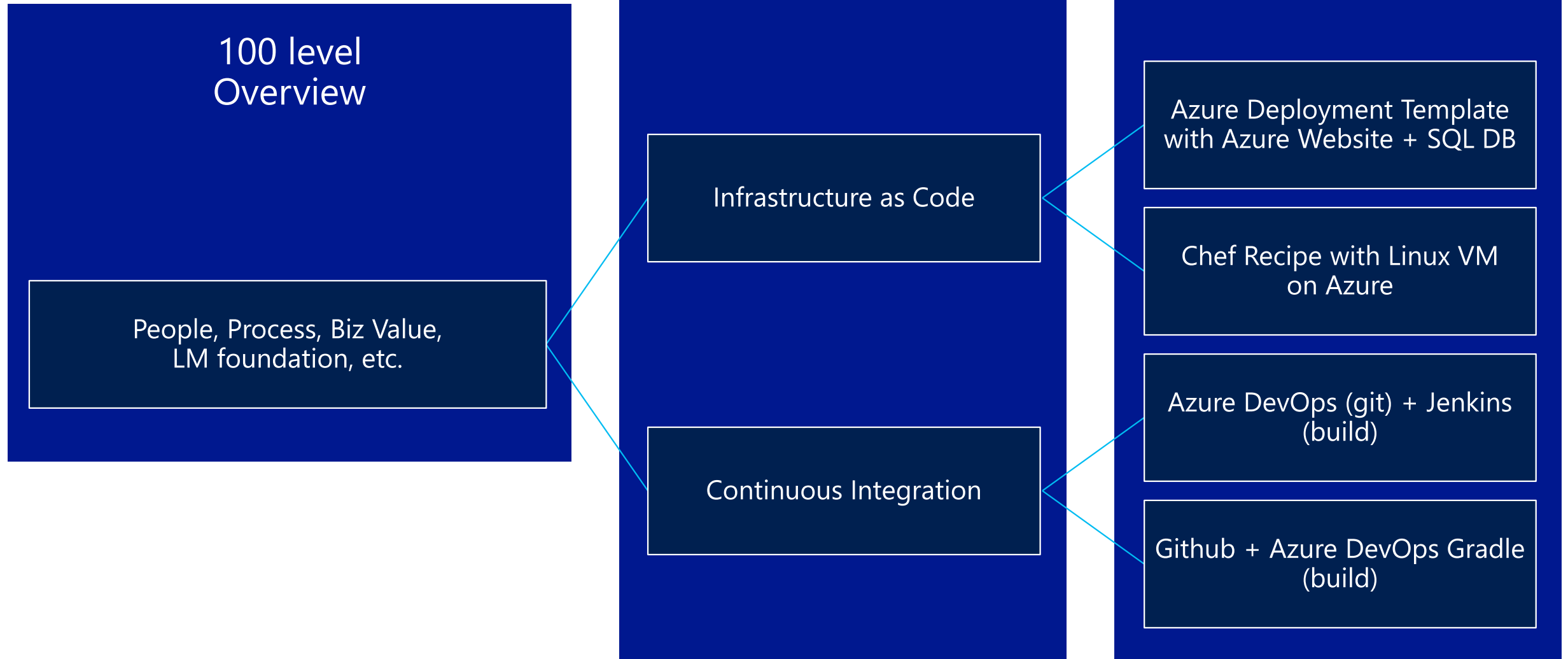


Discussion

Where are you on this Journey?

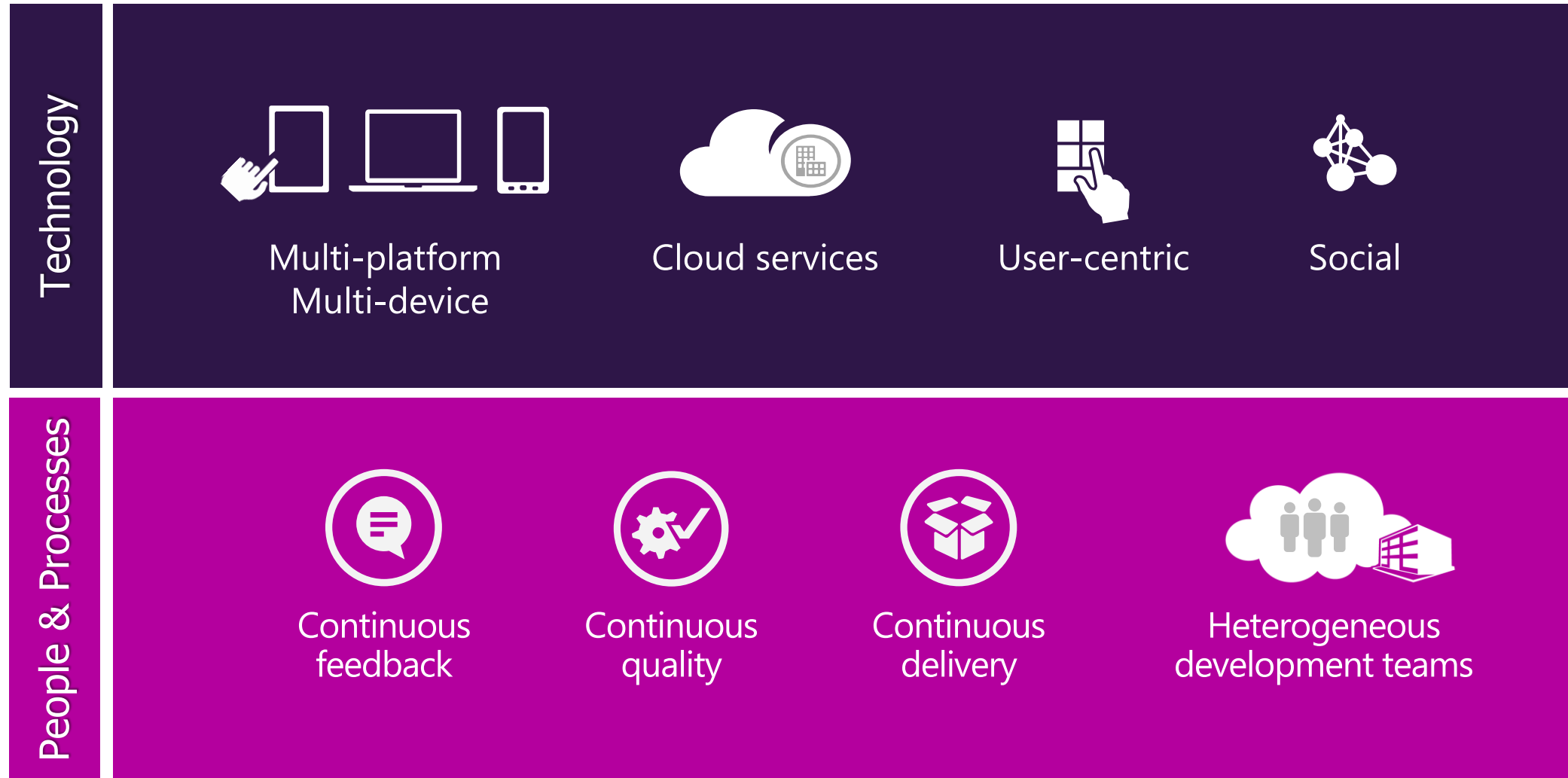


DevOps Frame



Business Value of DevOps

Industry trends



What's the ~~problem~~ Opportunity?

60%

apps get to market late

Arriving to market too late

70%

apps go to market missing functionality

Poor quality

5

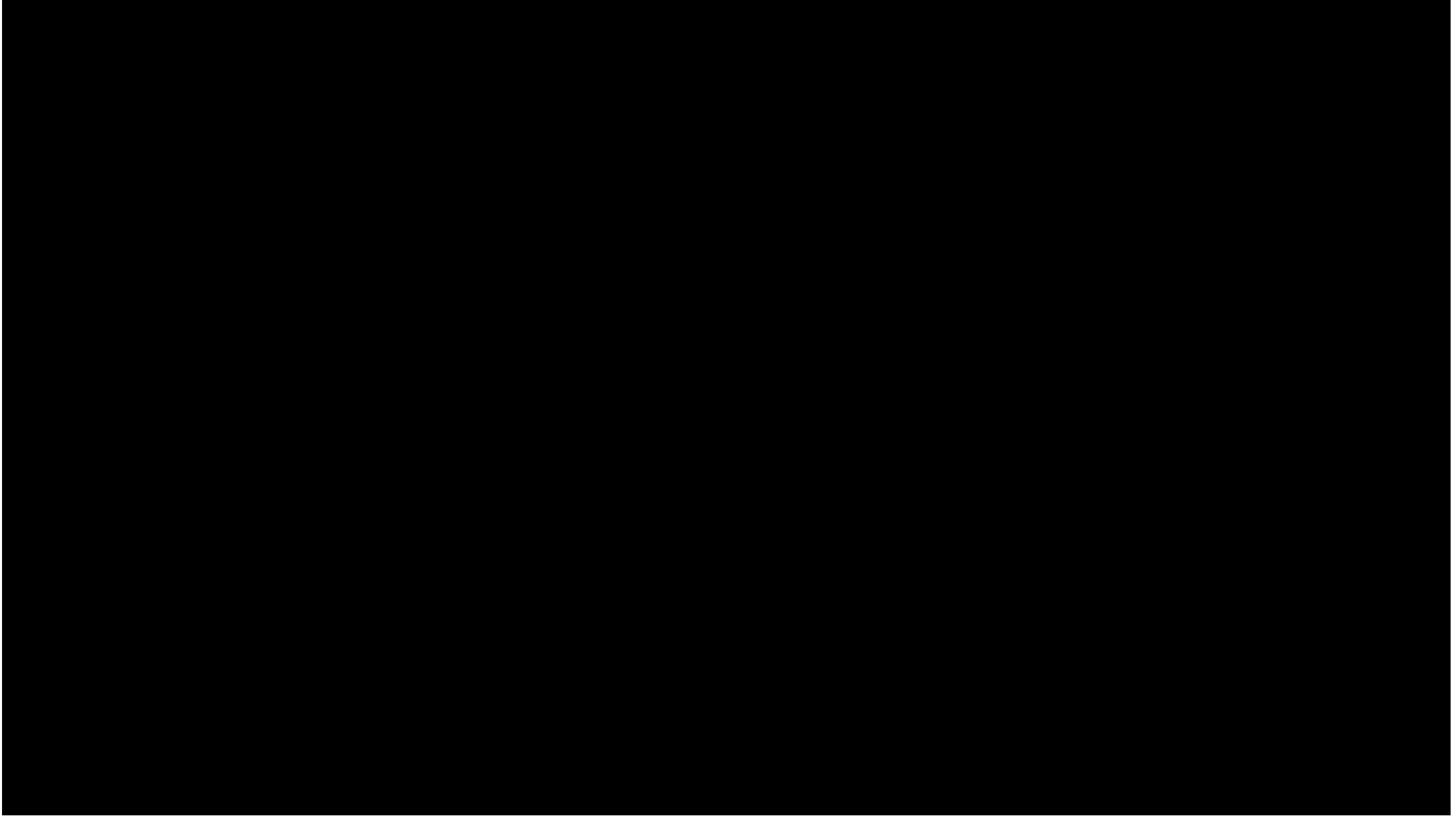
months on average to create a new app. Only 28% of companies worldwide create an app in less than 3 months

Lengthy lifecycles

Solution: Deliver Value Faster



Testimonial 2: Industry changes



Additional Courses/Resources

- Microsoft Learn
 - <https://docs.microsoft.com/en-us/learn/>
 - <https://docs.microsoft.com/en-us/learn/paths/evolve-your-devops-practices/>
- Microsoft Azure Certifications
 - <https://docs.microsoft.com/en-us/learn/certifications/>
 - <https://docs.microsoft.com/en-us/learn/certifications/roles/devops-engineer>
- Microsoft DevOps Resource Center
 - <https://docs.microsoft.com/en-us/azure/devops/>
 - <https://aka.ms/DevOpsAtMicrosoft>

