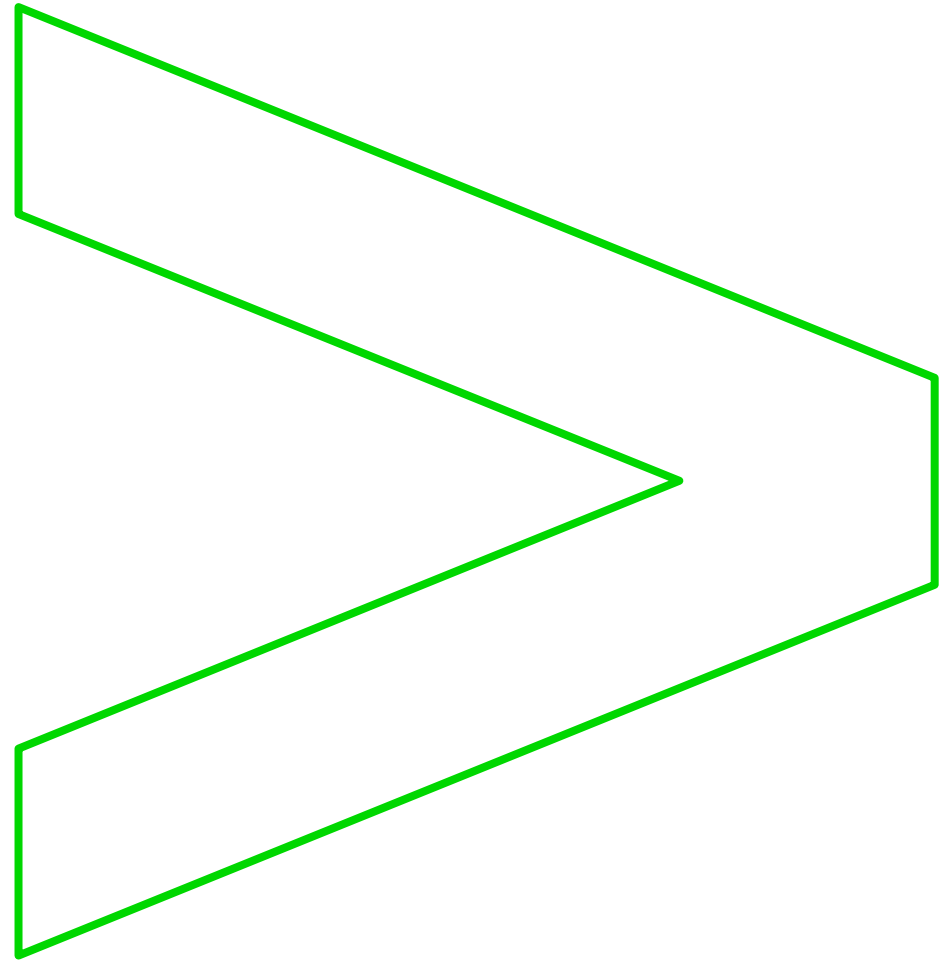


THE JOURNEY TO DEVOPS MATURITY - A NEVERENDING STORY



ABOUT ME

Hello my name is Mirco....

and I work in complicated environments...



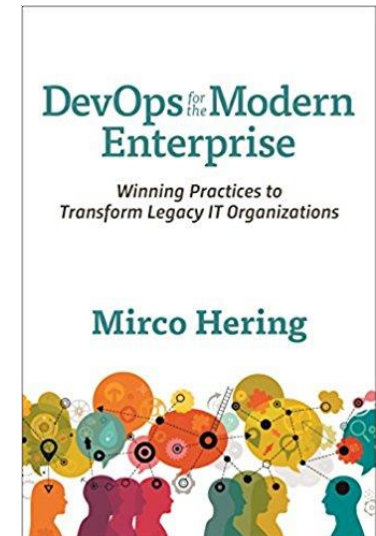
Mirco Hering
Global DevOps Lead

@mircohering on Twitter

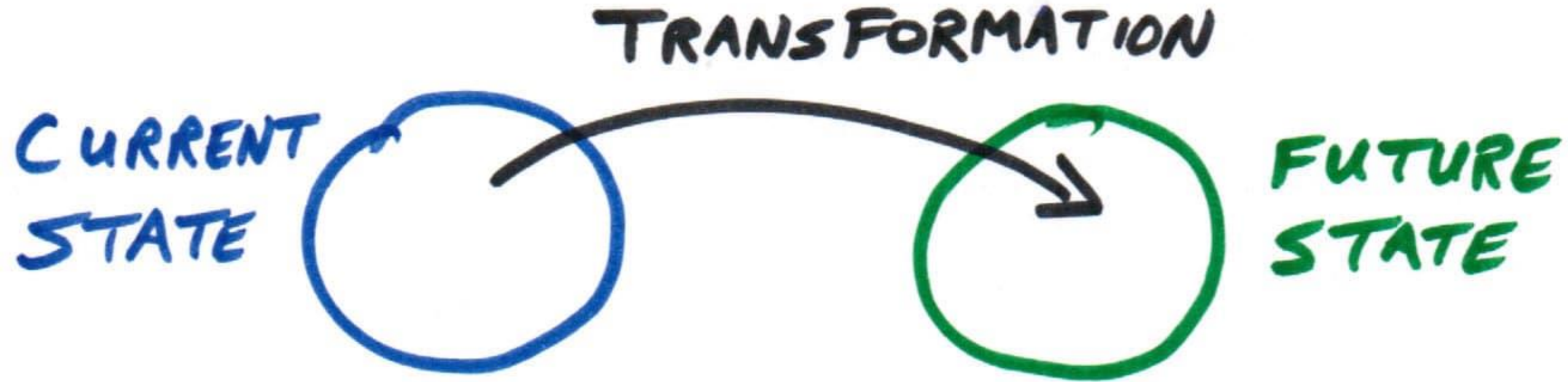
Blog at <http://notafactoryanymore.com>



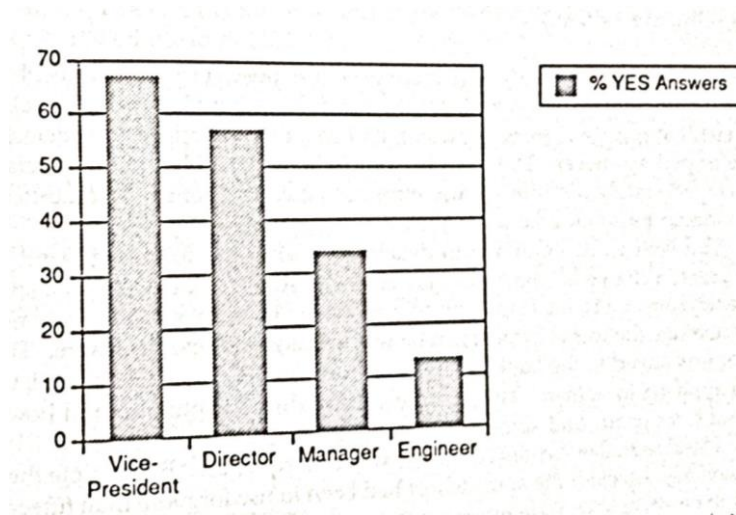
And now author



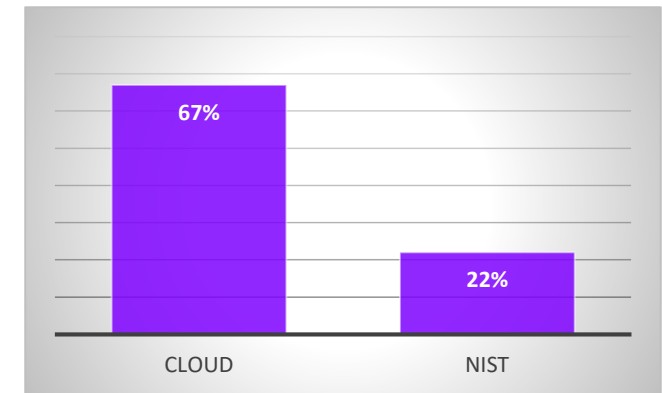
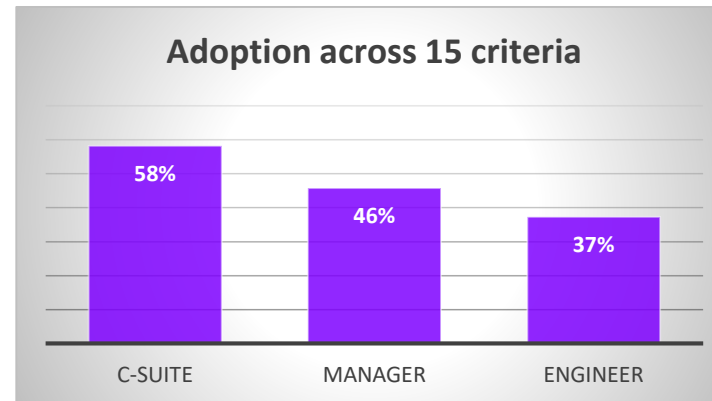
WHAT IS A TRANSFORMATION



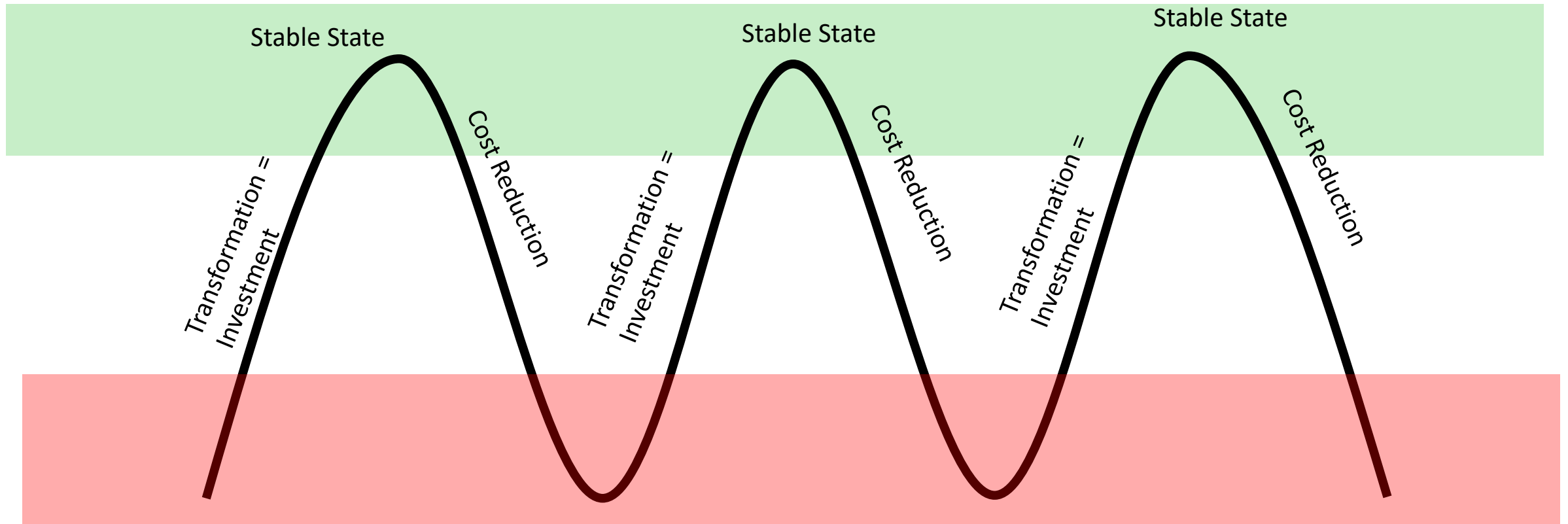
DO WE KNOW OUR AS-IS



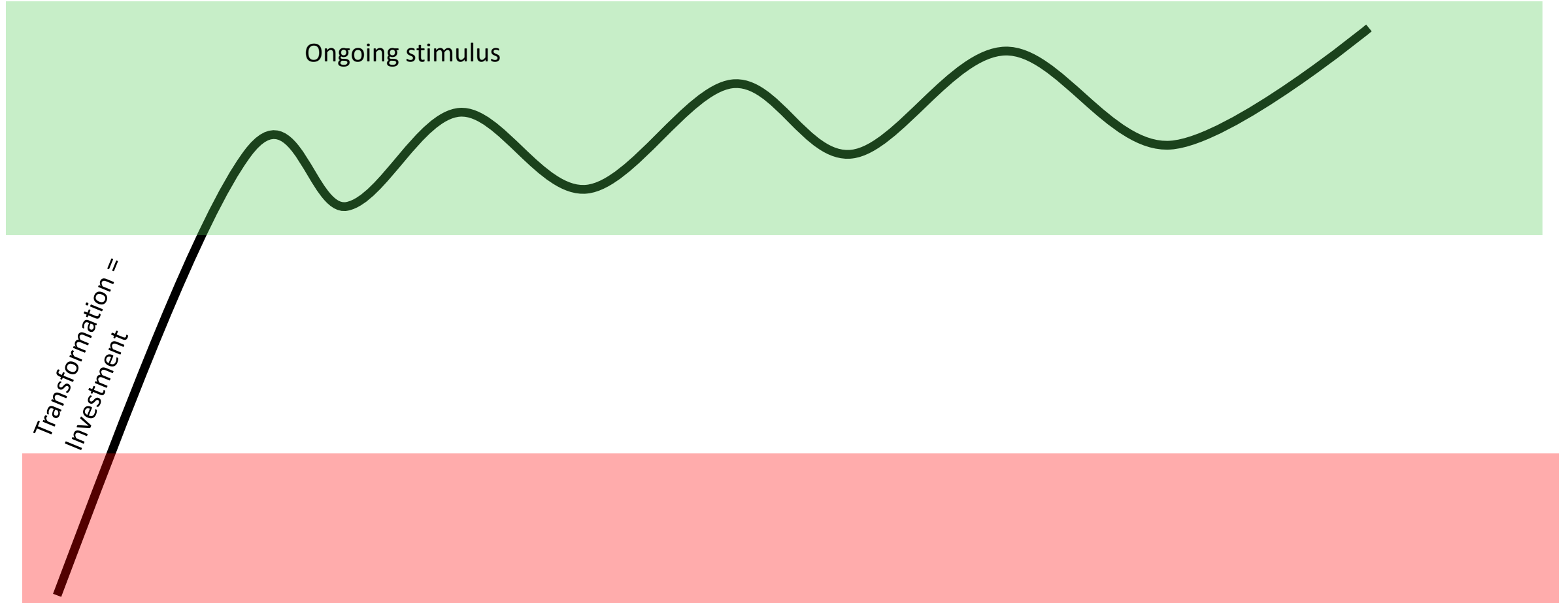
Impression of standard process across organisational levels (Quality Software Management: First-Order Measurement (Quality Software Management) by Gerald M. Weinberg 1991)



THE TRANSFORMATION LIFECYCLE



THE TRANSFORMATION LIFECYCLE



MATURITY MODELS CAN HELP, CAN THEY?

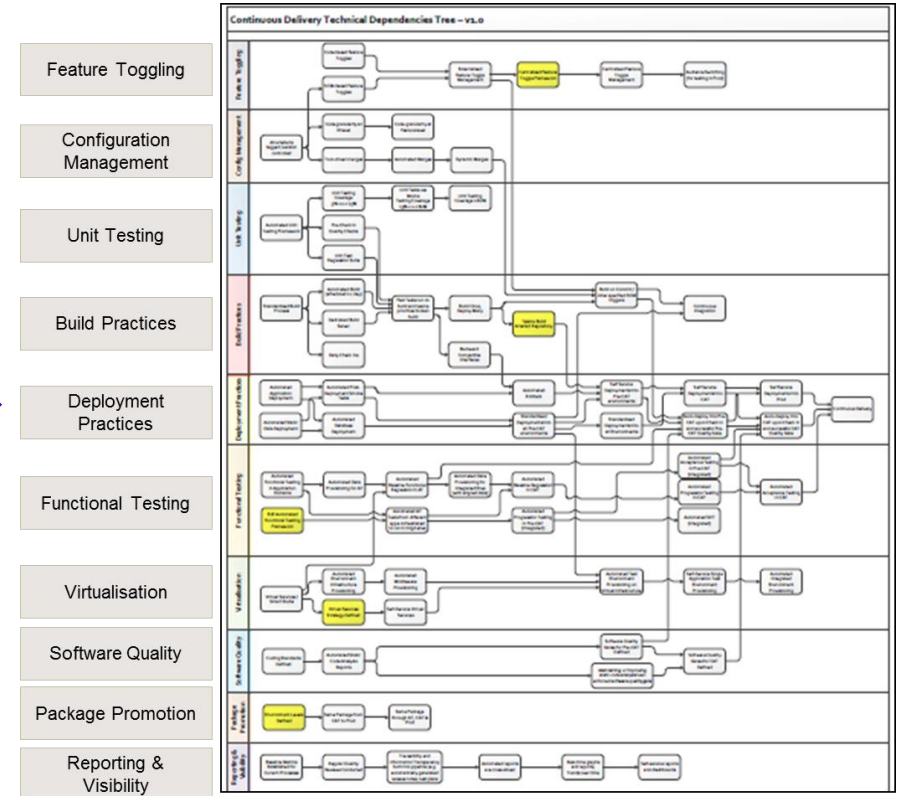


MATURITY MODELS CAN HELP, CAN THEY?



- In a survey of faculty at the University of Nebraska, 68% rated themselves in the top 25% for teaching ability. - Wikipedia
- In a similar survey, 87% of MBA students at Stanford University rated their academic performance as above the median. - Wikipedia

OR PERHAPS SOMETHING ELSE IS BETTER...



[Read more on my blog:](http://notafactoryanymore.com/2015/03/26/what-computer-games-can-teach-us-about-maturity-models-choose-your-own-devops-adventure/)

<http://notafactoryanymore.com/2015/03/26/what-computer-games-can-teach-us-about-maturity-models-choose-your-own-devops-adventure/>

AND THE EVEN SIMPLER EXECUTIVE VERSION

- **Let's blow away the environment and rebuild it from our stored configuration**
- **Let's delete the application config and redeploy it**
- **Let's redeploy the application even though nothing has changed**
- **Let's rerun the test suite and then again**

[Read more on my blog:](https://notafactoryanymore.com/2018/03/01/mircos-self-assessment-questions-of-devops-maturity/)

<https://notafactoryanymore.com/2018/03/01/mircos-self-assessment-questions-of-devops-maturity/>

YOU WILL NOTICE THE CHOOSE YOUR OWN ADVENTURE STYLE AT DOI TOO



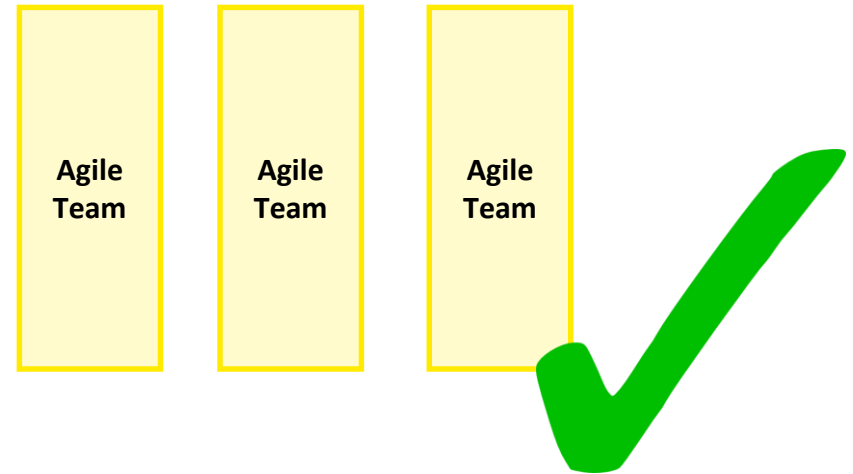
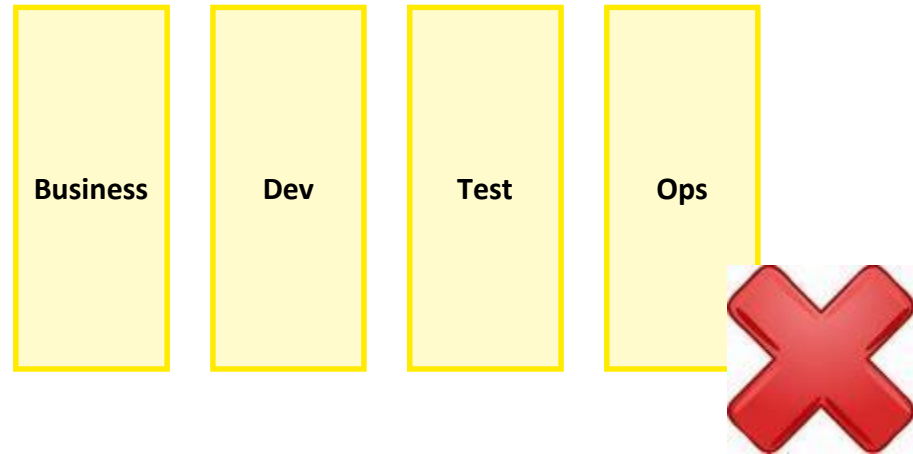
WE ARE MATURING AND NOW RUNNING INTO NEW PROBLEMS

How do we organise ourselves?

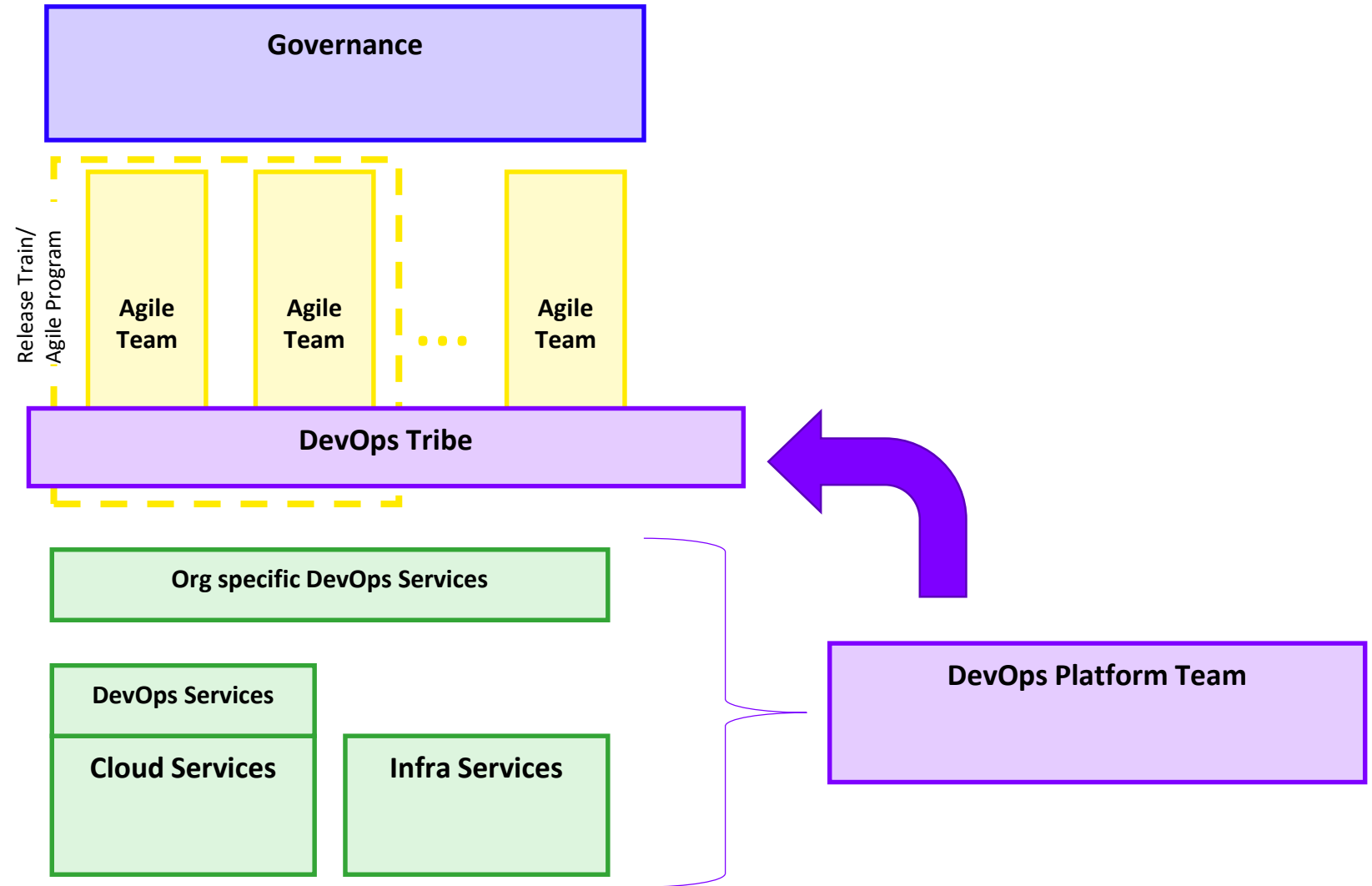
Coevolution of three organisational dimensions

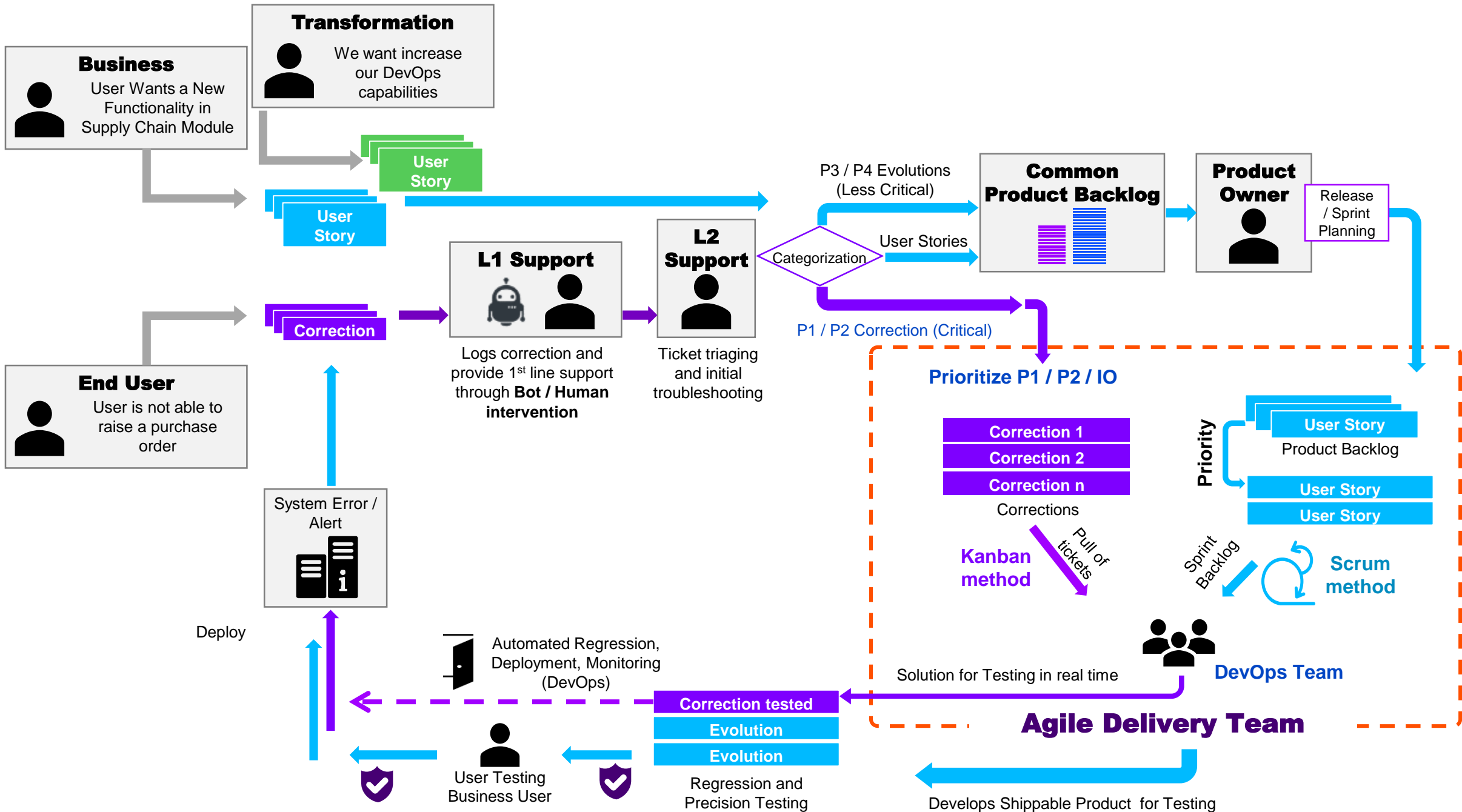
Culture, Culture, Culture

SYSTEMS THINKING



TO DEVOPS TEAM OR NOT TO DEVOPS TEAM?





Business
User Wants a New Functionality in Supply Chain Module

Transformation
We want increase our DevOps capabilities

User Story

User Story

End User
User is not able to raise a purchase order

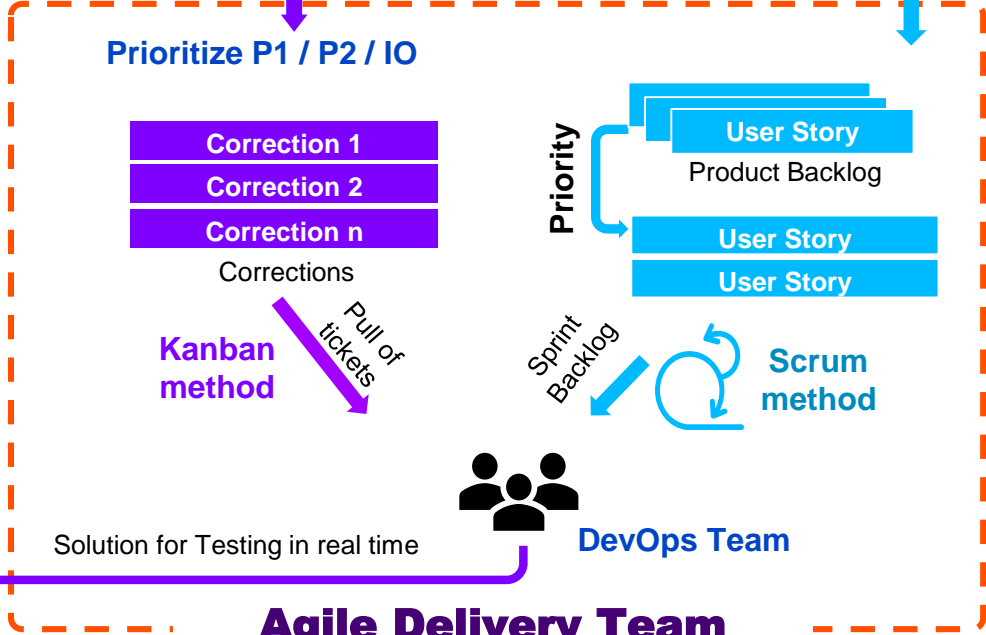
System Error / Alert

L1 Support
Logs correction and provide 1st line support through **Bot / Human intervention**

L2 Support
Ticket triaging and initial troubleshooting

Common Product Backlog

Product Owner
Release / Sprint Planning



Correction tested
Evolution
Evolution

Regression and Precision Testing

User Testing Business User

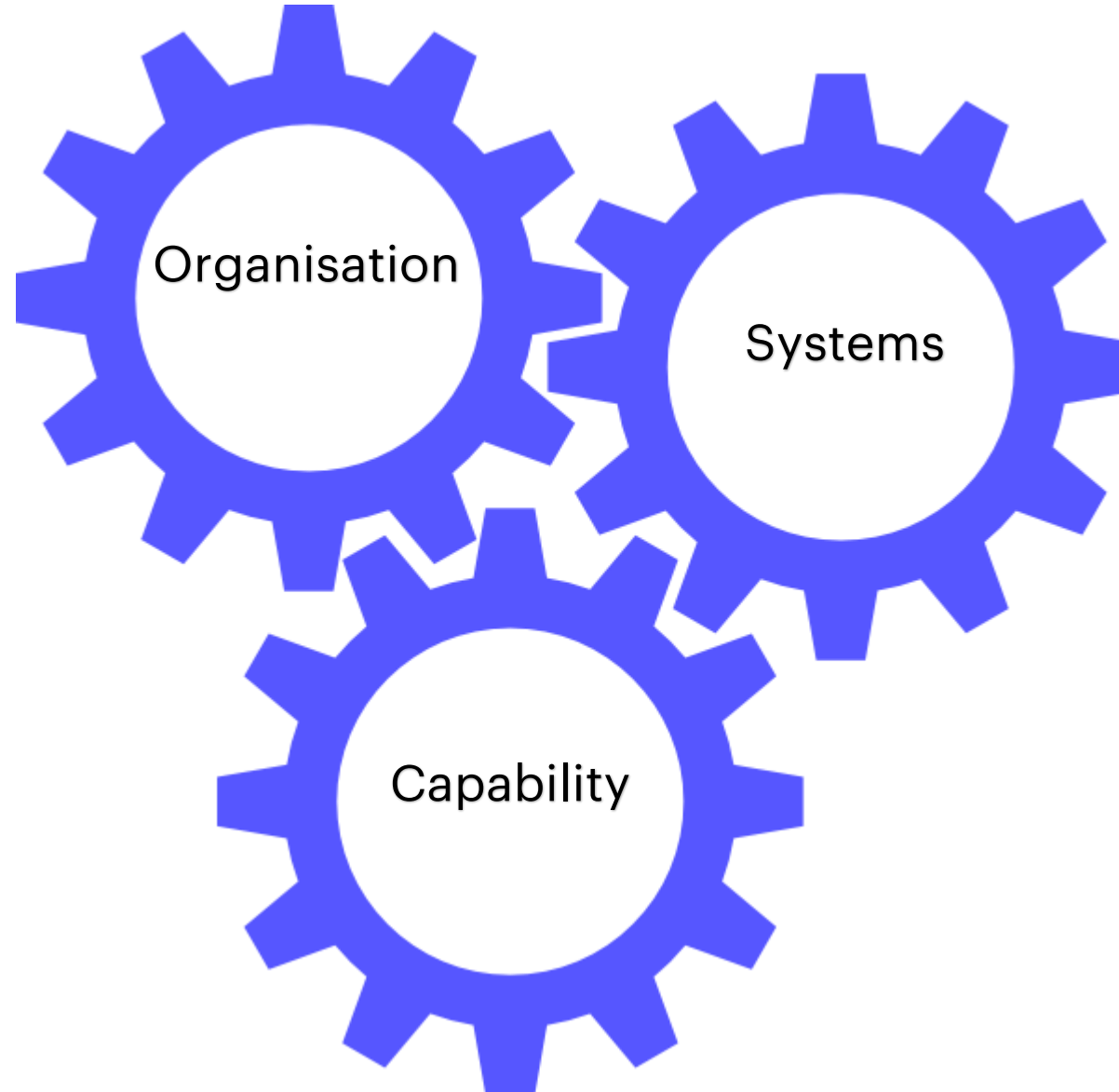
Automated Regression, Deployment, Monitoring (DevOps)

Deploy

Solution for Testing in real time

Develops Shippable Product for Testing

COEVOLUTION ENABLES TRANSFORMATION



CULTURE – THOUGHTS...



SILVER BULLET OR SNAKE OIL?

