



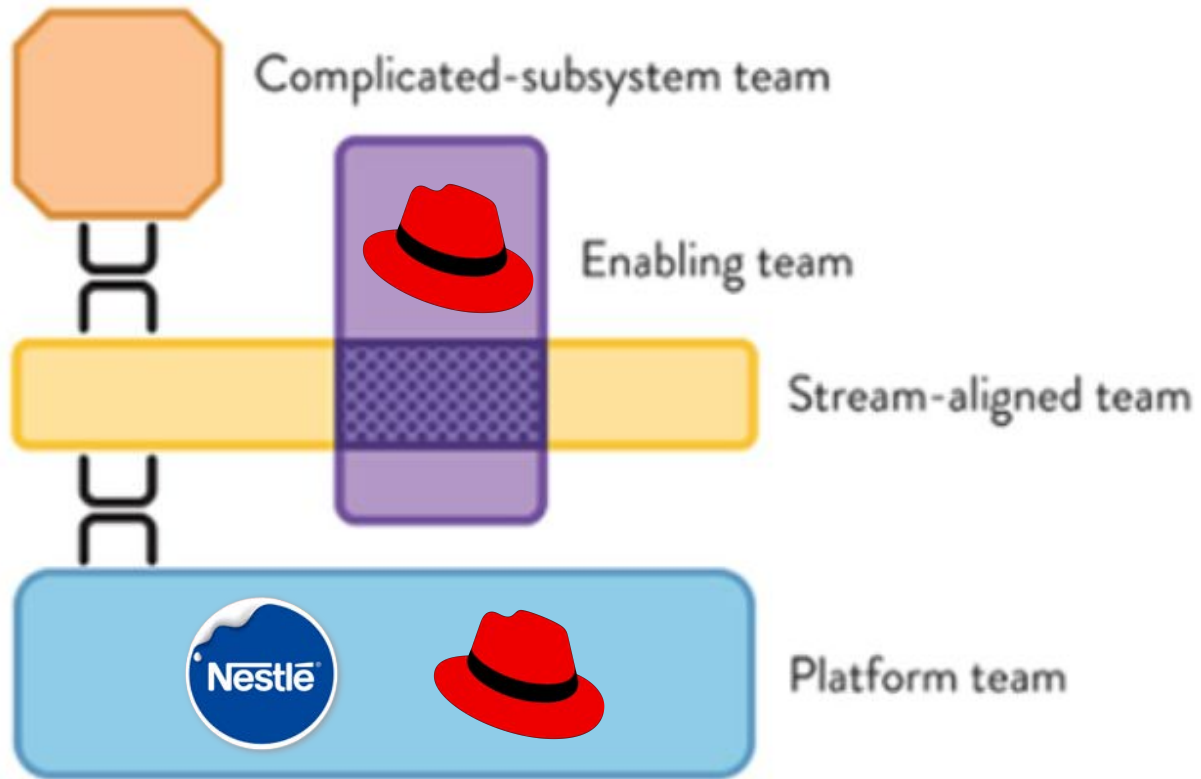
Figure 8.6: Evolution of Team Topologies

# 3 Practices to ensure a smooth Platform Engineering adoption

- by Caio Medeiros

# Caio Medeiros Pinto - Citi

## Why me?



\*\* Image from Teams Topologies book, it doesn't include neither Red Hat or Nestlé logos.



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# Agenda

## **<Intro>**

The **what and why** of Platform Engineering

## **<Roadstones>**

Where are the challenges?

## **<3 practices to win>**

Keys for success



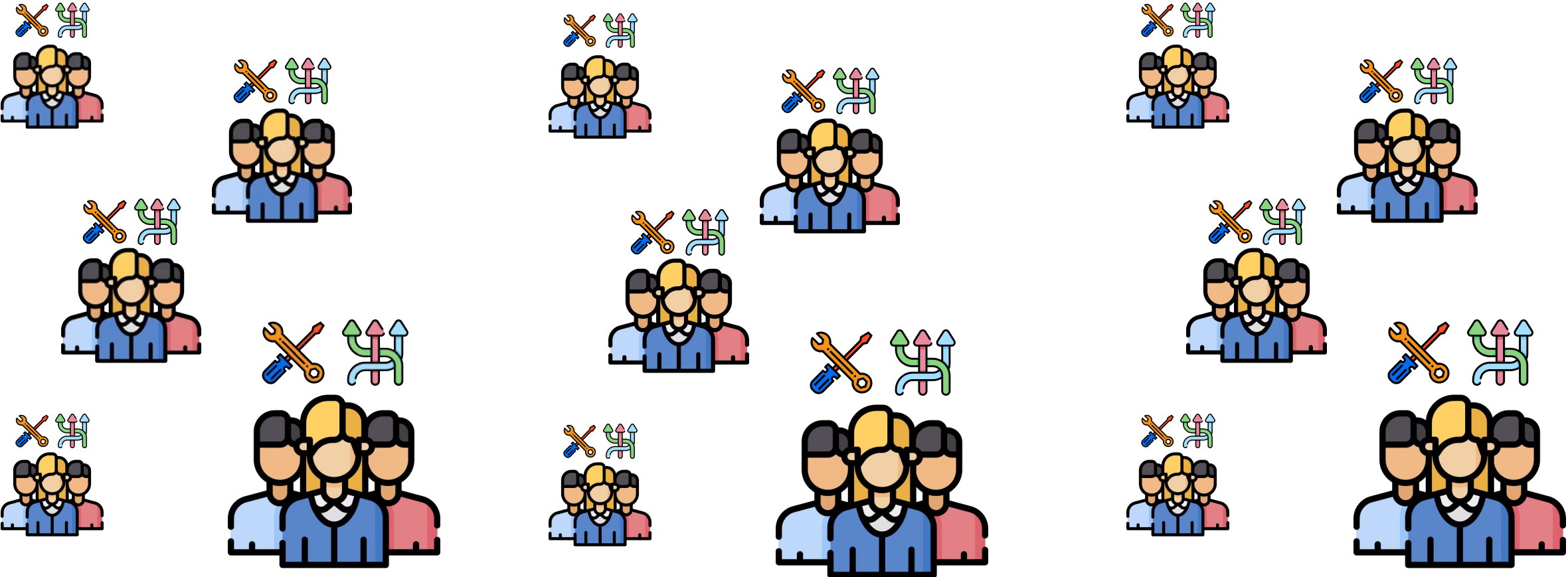
# <Intro>

The what and why of Platform Engineering



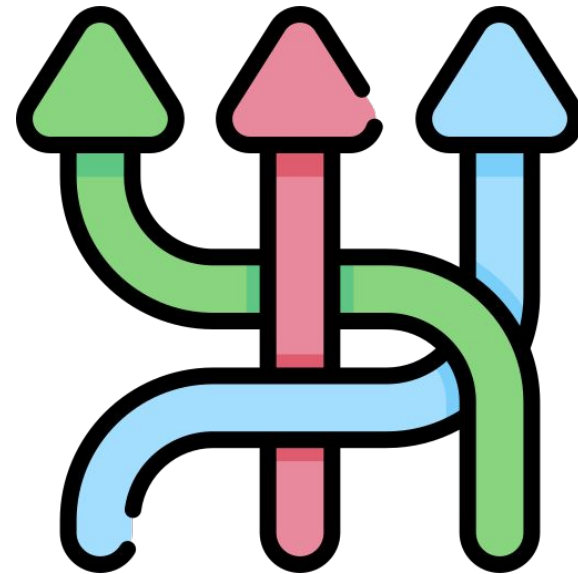
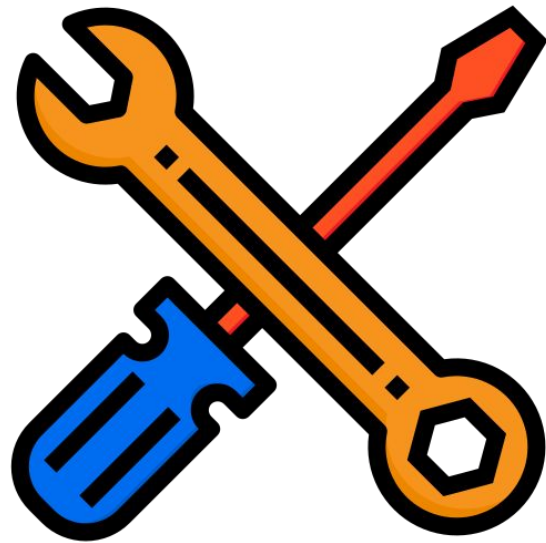
# What is?

“[...] is the discipline [...]”



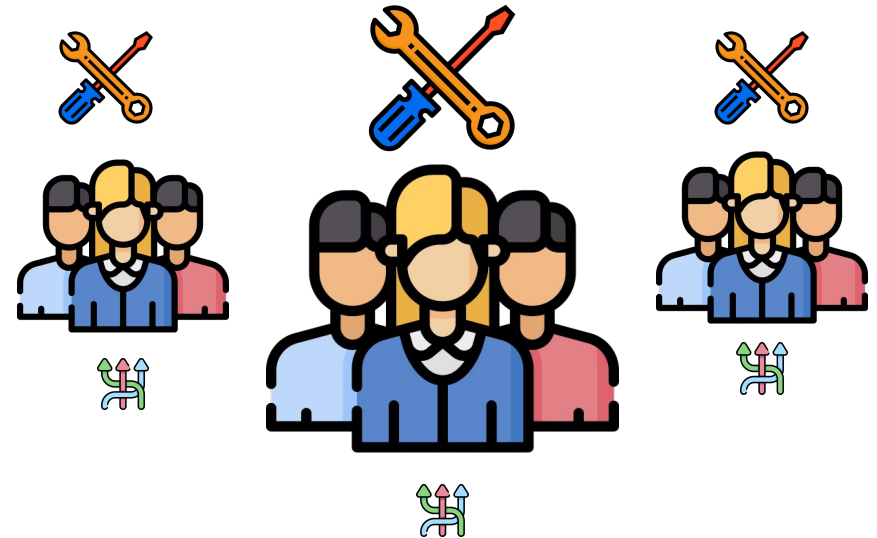
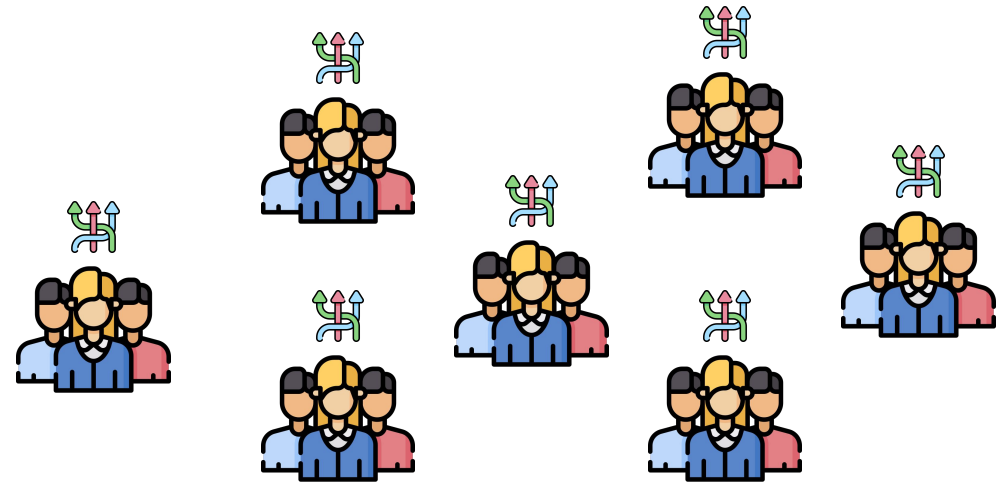
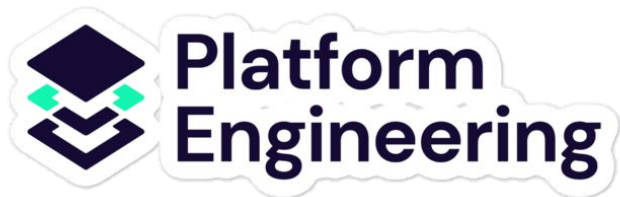
# What is?

“[...] of designing and building toolchains and workflows [...]”



# What is?

“[...] that enable self-service capabilities for software engineering organizations in the cloud-native era [...] - By Lucas Galante. [Platform Engineering community](#)”



# And why?

Standardization and control



Reduction of cognitive load



Reliability and stability





# Go deeper with

## Platform as a Product

- Manuel Pais



## DevOps ain't dead but... we gotta talk

- Mallory Haigh



## The State of DevOps Report 2023

- Puppet



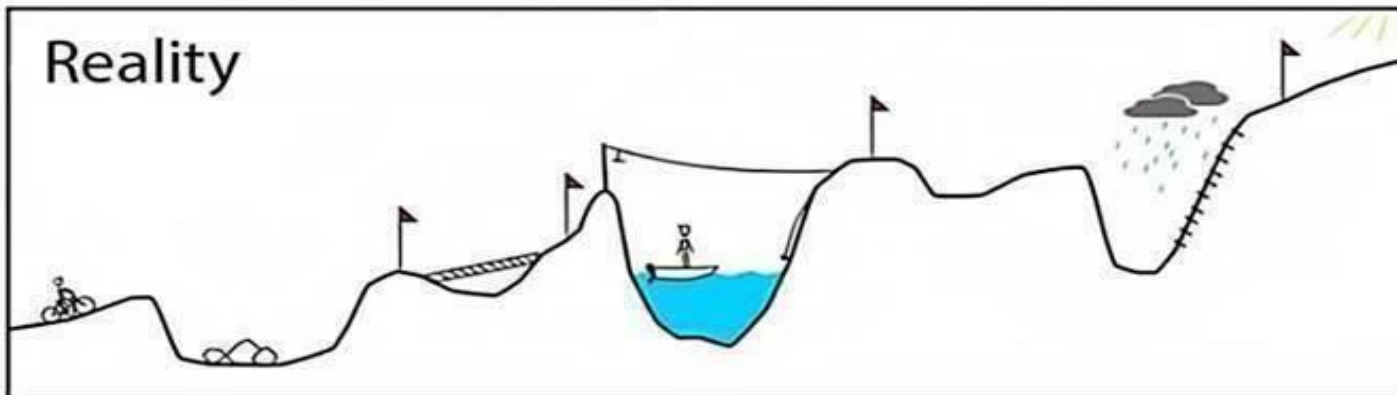
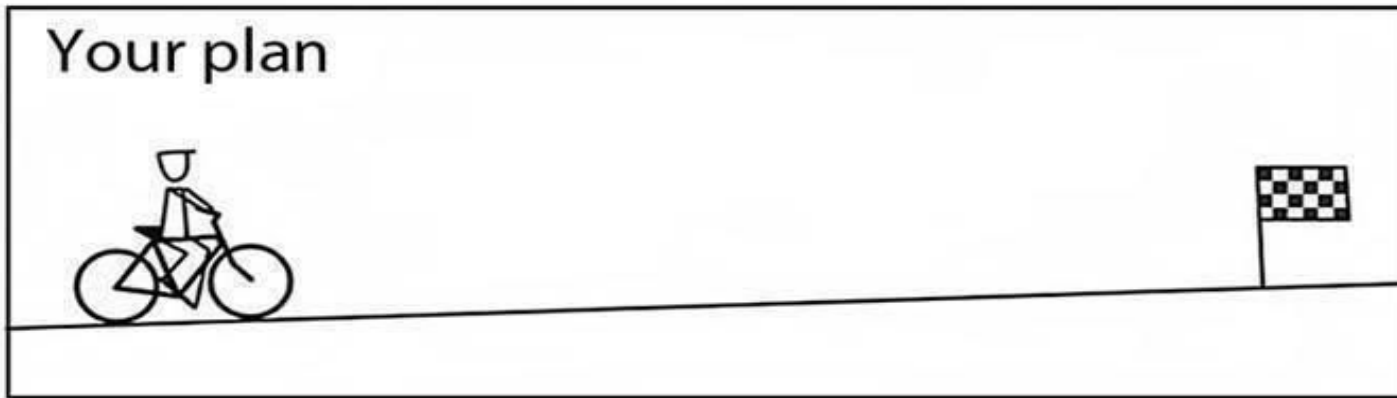


# <Roadstones>

Where are the challenges?



# No easy paths to success!



How I believe my  
Platform  
Engineering  
adoption will be

How it probably will  
be

# Main challenges

Lack of time and high demand



Ways of working and thinking



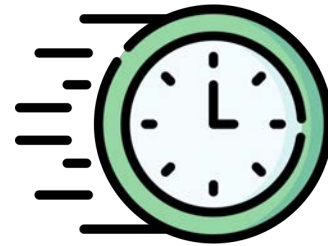
People motivation and rotation



# Lack of time and high demand

It's a matter of time:

- Expertise on tools
- Develop new skills
- Reply on failure and outages
- Keep documentation updated



And demand just increase:

- Platform trend to turn into strategic.
- More users means more doubts and requests.

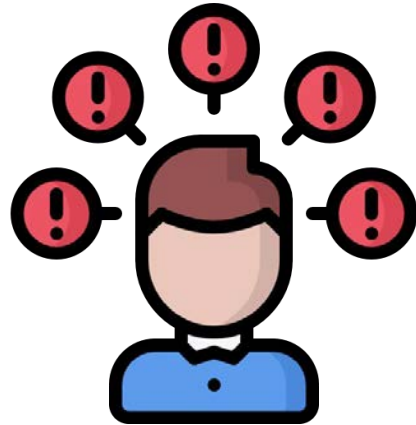




# Ways of working and thinking

It's very likely that you will encounter:

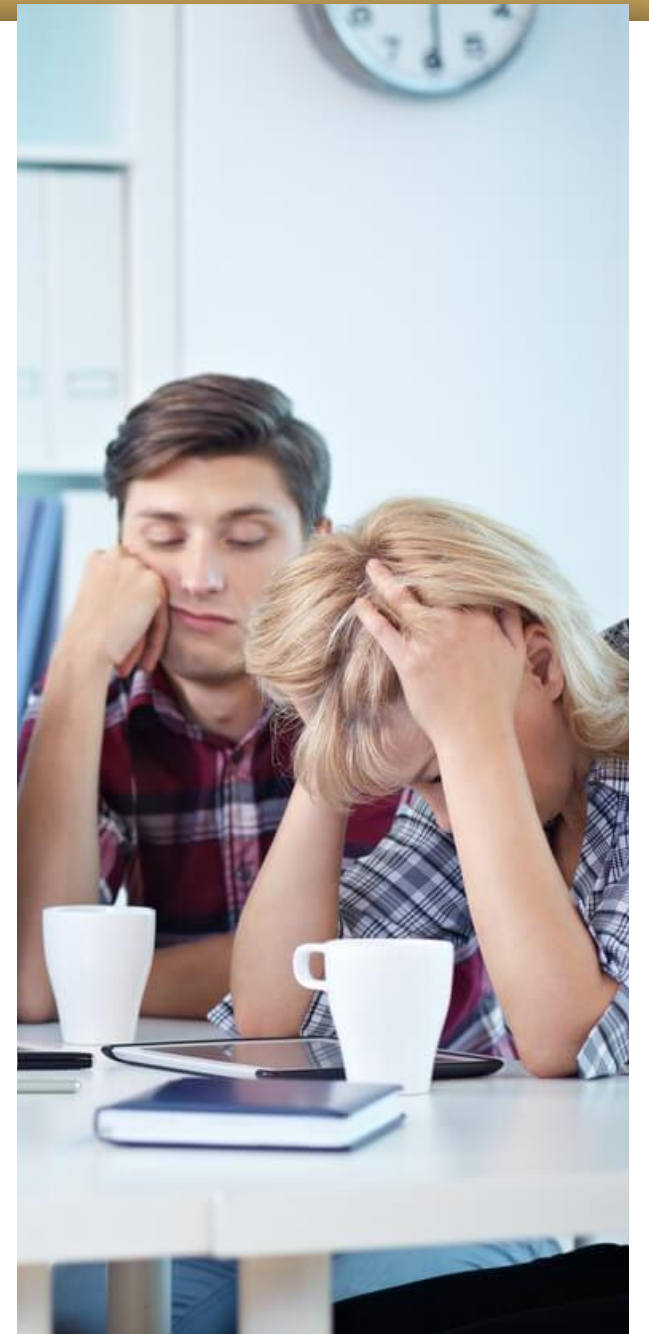
- Several way to do the same.
- Complex compliance flows that are a must.
- Too specific requirements.
- Distorted views of priorities.
- Language and understanding barriers.



# Keep team engaged

At the end of the day, there are people behind all this:

- Influential.
- With clear cognitive limits.
- With a lot of market temptation.
- With technical and practice debts.





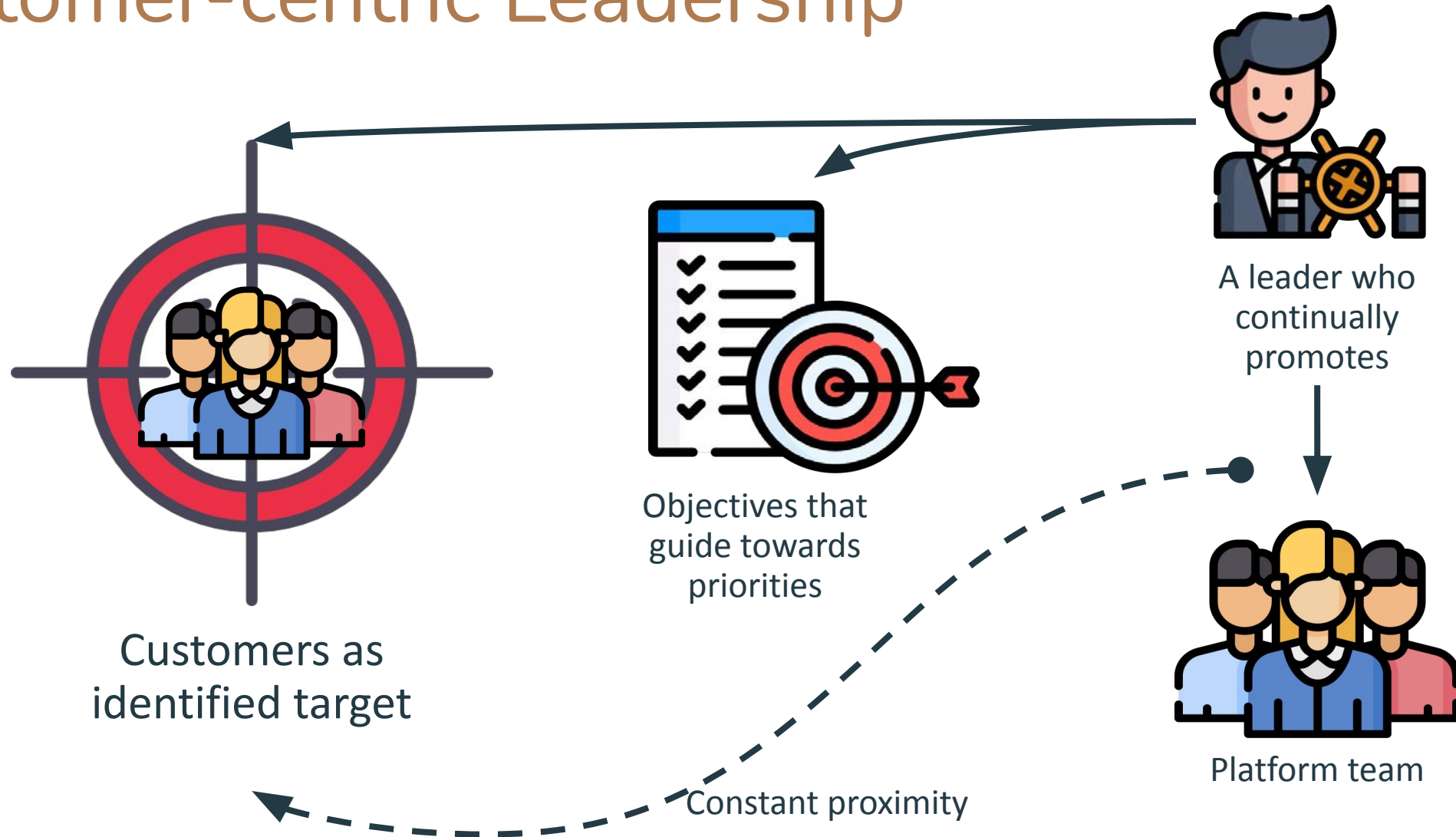
# <3 practices to win>

Keys for success

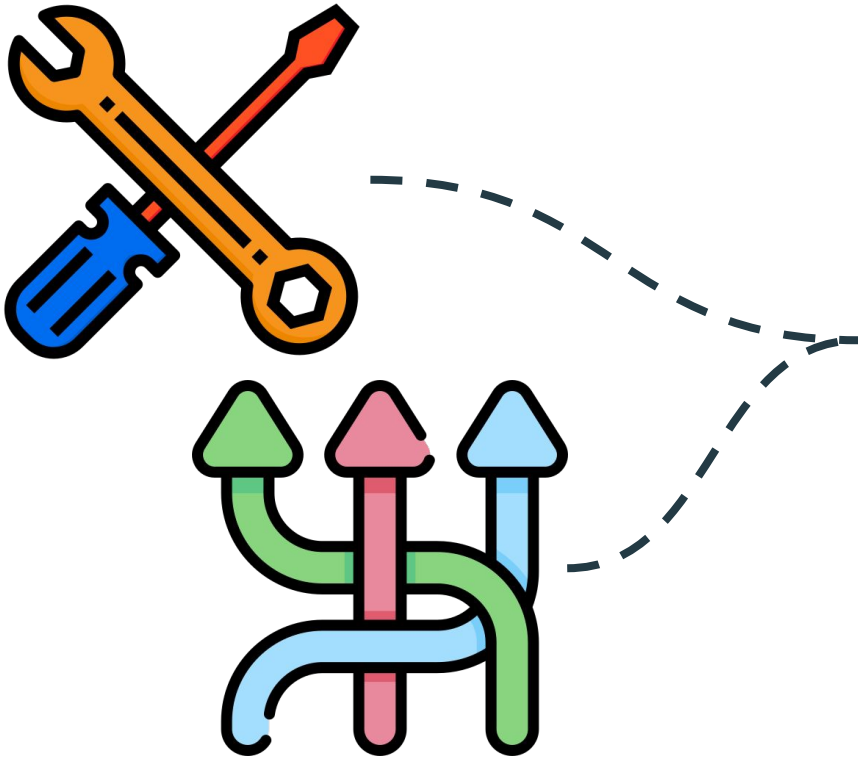




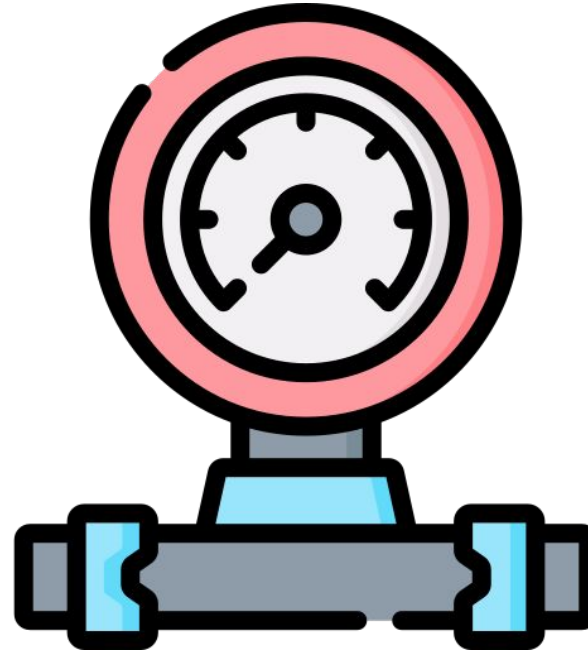
# Customer-centric Leadership



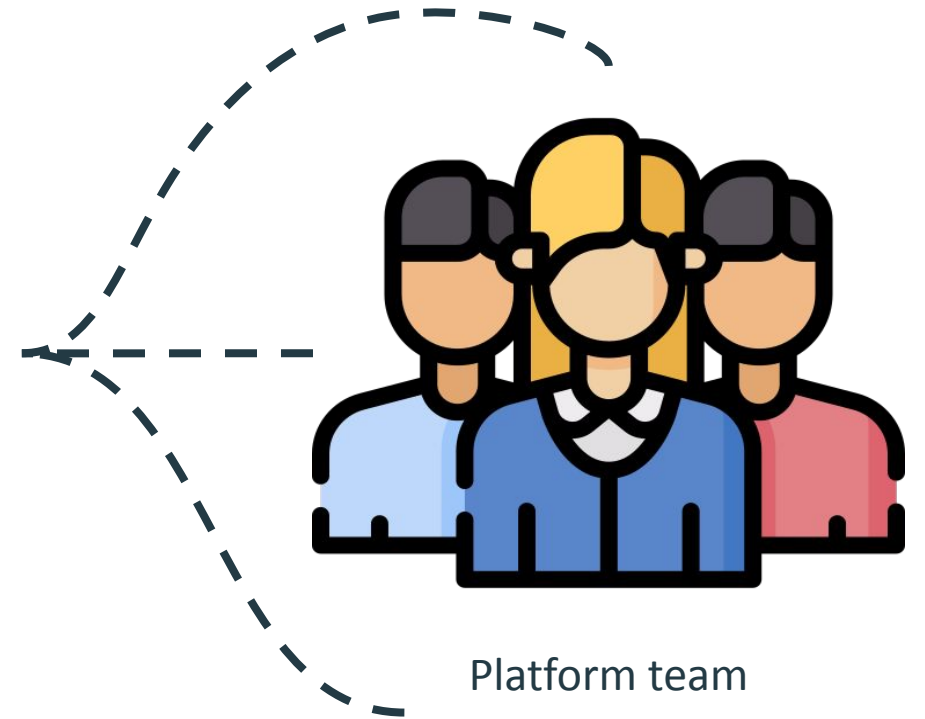
# Practice what you preach



Tools and ways of working

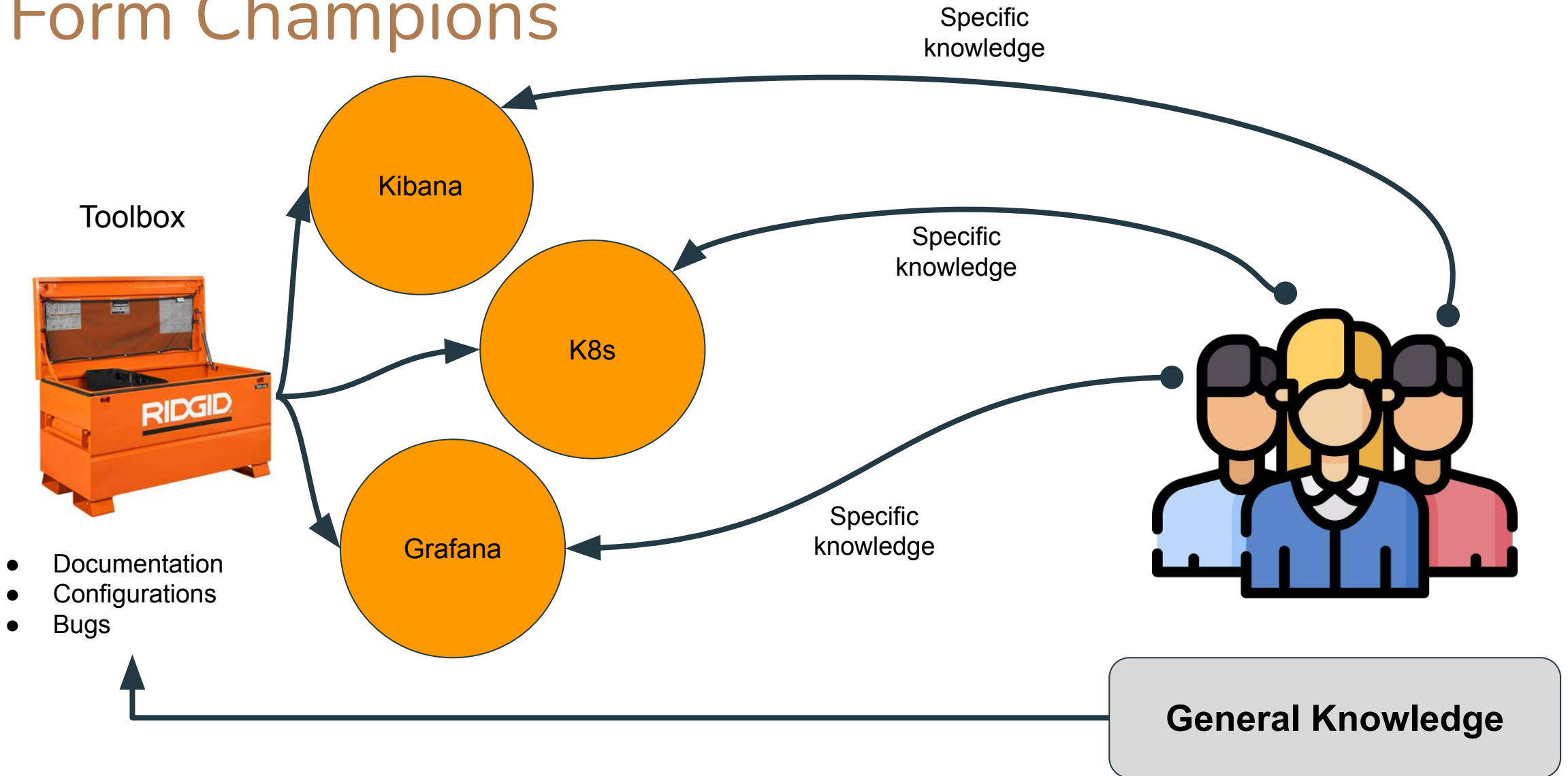


Metrics



Platform team

# Form Champions



# Summarizing: 3 practices for a smooth adoption

## Customer-centric leadership

- Clear image of the customer
- Targeted objectives
- Promote closeness



## Practice what you preach

- Set shared metrics
- Recognize and show achievements



## Form Champions

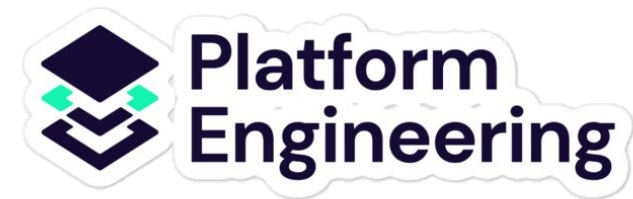
- Form experts by tool
- Delegates and trusts



# Furthermore, review this material

People, process & platform -  
a community focused  
approach

- Nicky Watt



and more in

Platform Engineering  
Youtube Channel

**THANKS FOR PARTICIPATING**

**#Conf42PlatformEngineering**