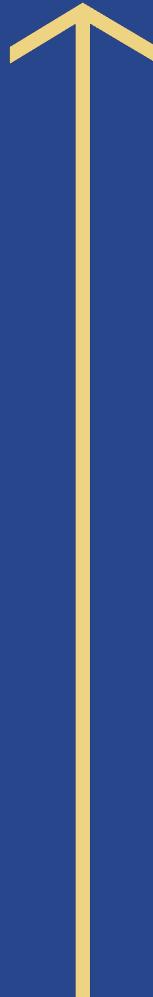


# Cloud Native Wave

From IT Ops to Cloud-Native Harmony

Spoiler: Developers aren't the enemies!  
19.11.2024 – Cloud Native Linz



# Introduction

## Alexander Höllwart

Lead Strategy Advisor & Managing Director  
>15 years in IT | Engineering & Business Administration Background  
Fascinated by enabling innovation and new trends

## Michael “Obi” Obernberger

Lead Cloud Architect & Managing Director  
>20 years in IT | Engineering & Tech Management Background  
Right now fully focus on Azure, DevOps and Infrastructure as Code





# Alex & Obi On Air

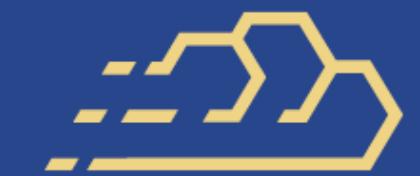
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**clouds & mountains**  
Der deutschsprachige  
Cloud & IT Videocast



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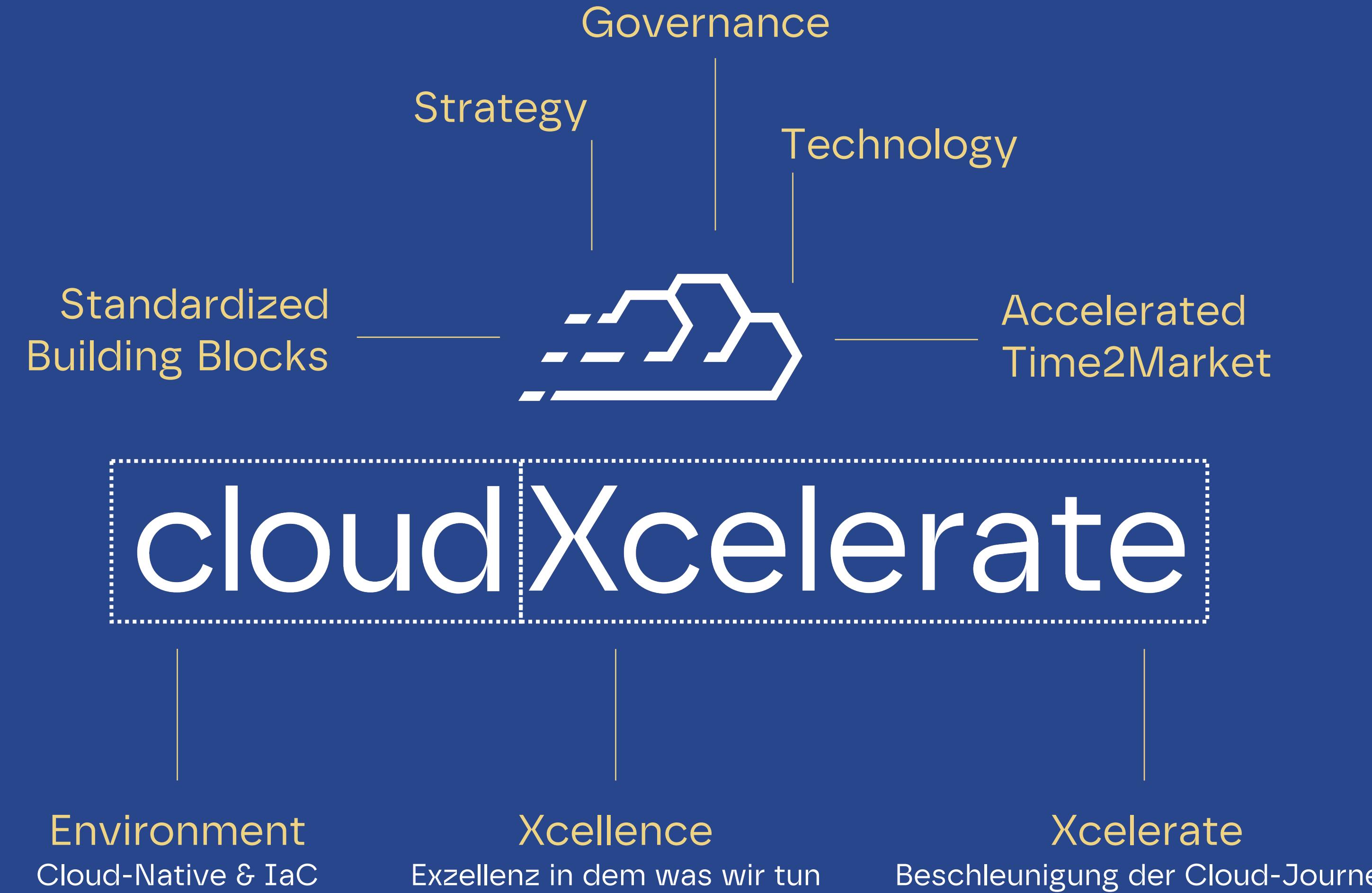
**Out Now!**

**clouds & mountains**  
Jetzt auf  
YouTube oder Spotify hören!



**YouTube**







# Focus Internal IT

Straight forward & pragmatic strategy  
> Business & IT Alignment + Vision

Cloud Governance / Demand Prozess  
> Cloud Due-Diligence Assessment

Expertise in Hyperscaler Onboarding  
> Landing-Zone/Platform-Zone

Guidance in cloud-native architectures  
> Reference Architectures + Architect aaS

„We apply Cloud Services  
when there is added value“

# Focus Platform Ops

Vision: IT goes > Internal Platform Provider  
> Internal competence center (CoP/CCoE)

Cloud Governance: Core-IT & Business  
> Platform- & Landing-Zone Design

Digitalization & Software Development  
> DevOps with IaC Reference Architectures

Expertise & Guaranteed resources  
> Adoption-& Architekt aaS + Ask an Xpert

“We need Cloud Services,  
to achieve our goals“



# The harmonious dance of IT Ops, developers and DevOps

Partners in progress or enemies?

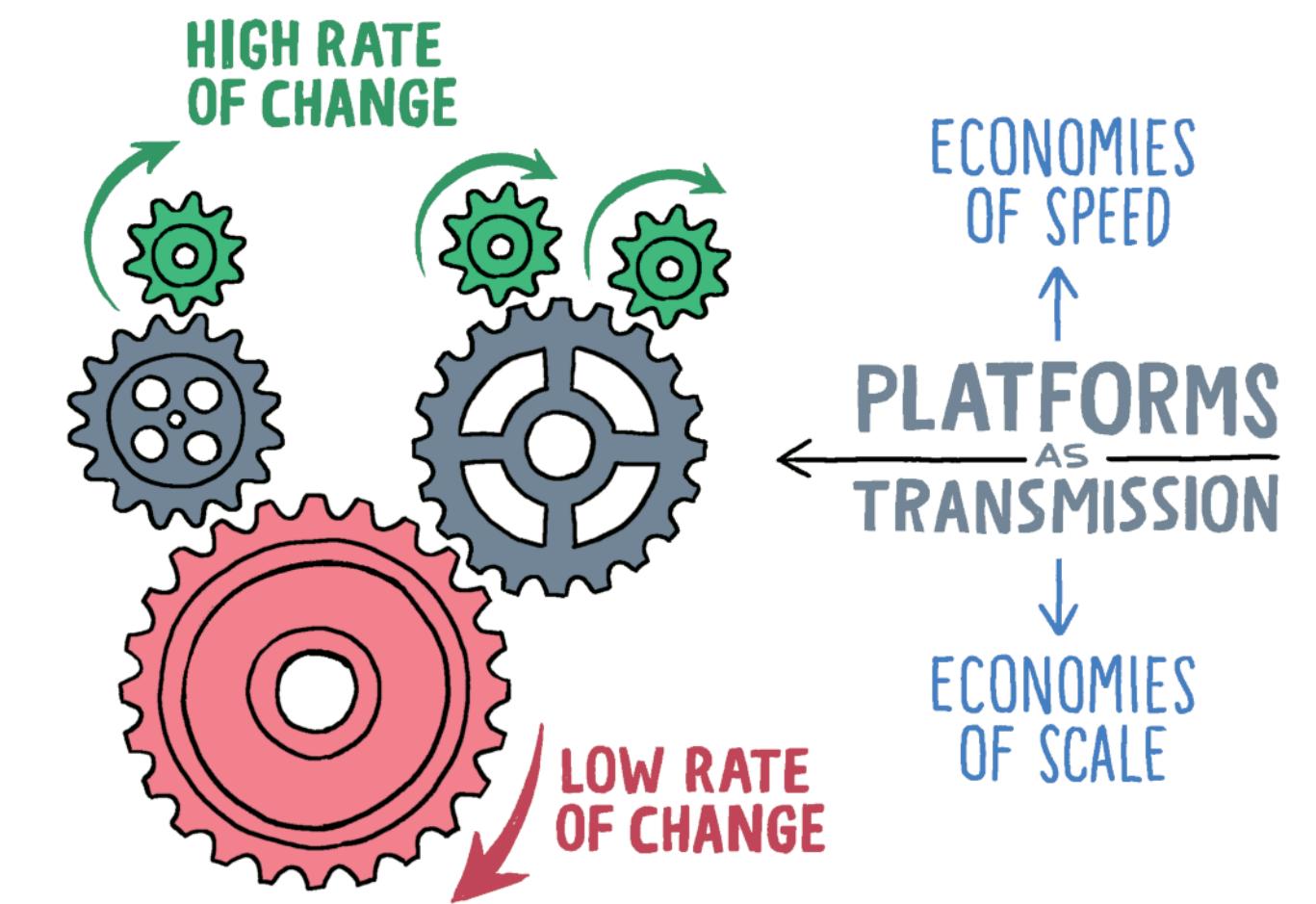
You build it, you run it – but what if it's getting bigger?



People in the “DevOps” team are starting to specialize into Dev or more Ops stuff.



no organizational “barriers”  
BUT basically the same as before – still high friction.





# opposites attract?

Old way “1-dimensional” thinking in IT organizations

## Business & IT-Apps

Economies of speed  
Innovation  
Change  
Chaos



## Enabling Factors

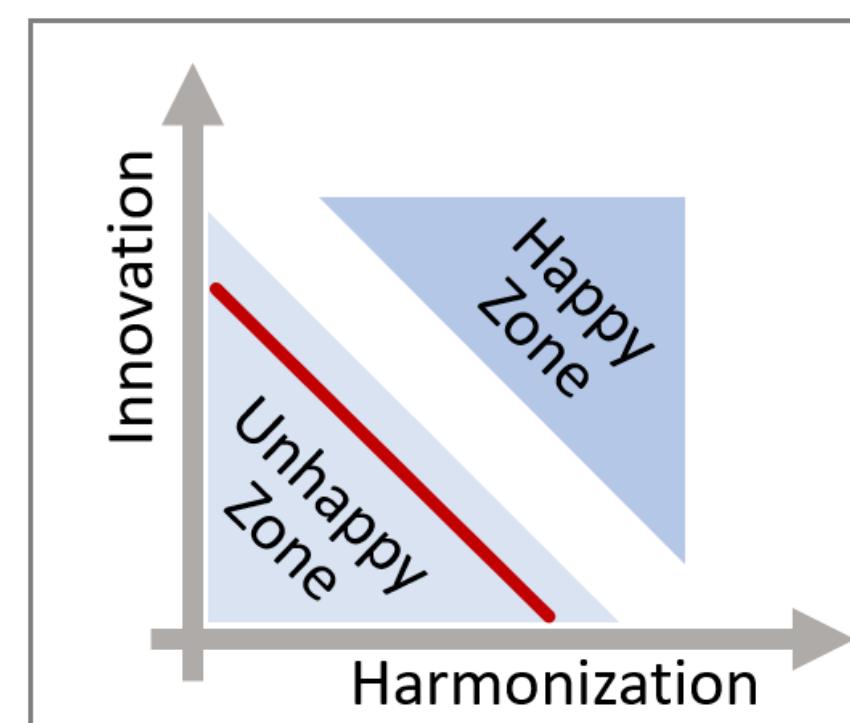
Automation  
Public Cloud Platforms  
Platforms & Golden Path  
CI/CD  
Automated Governance



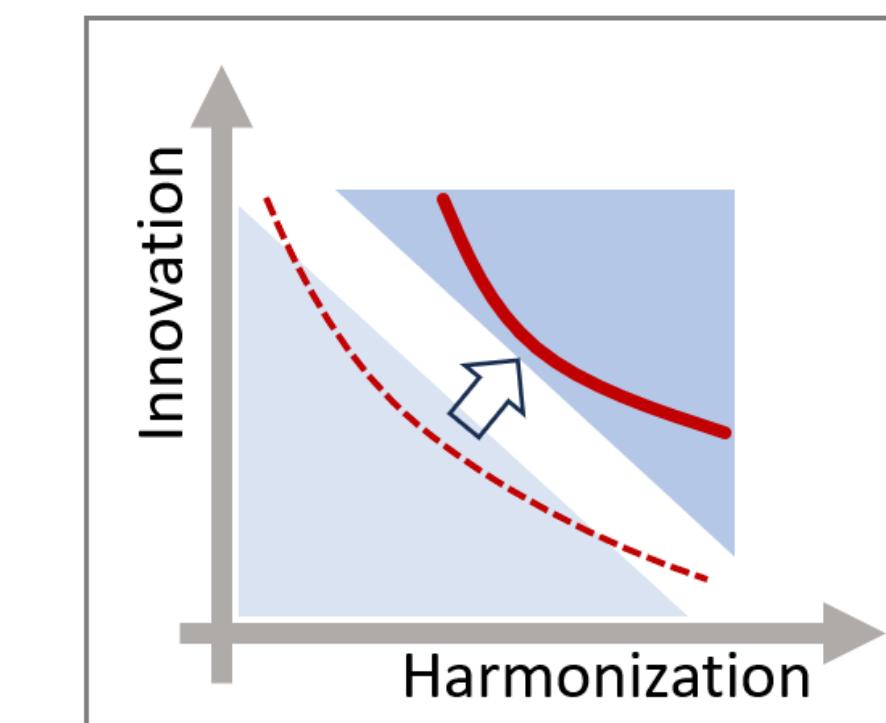
## IT-Ops & InfoSec

Quality  
Economies of scale  
Standards  
Low risk  
Control

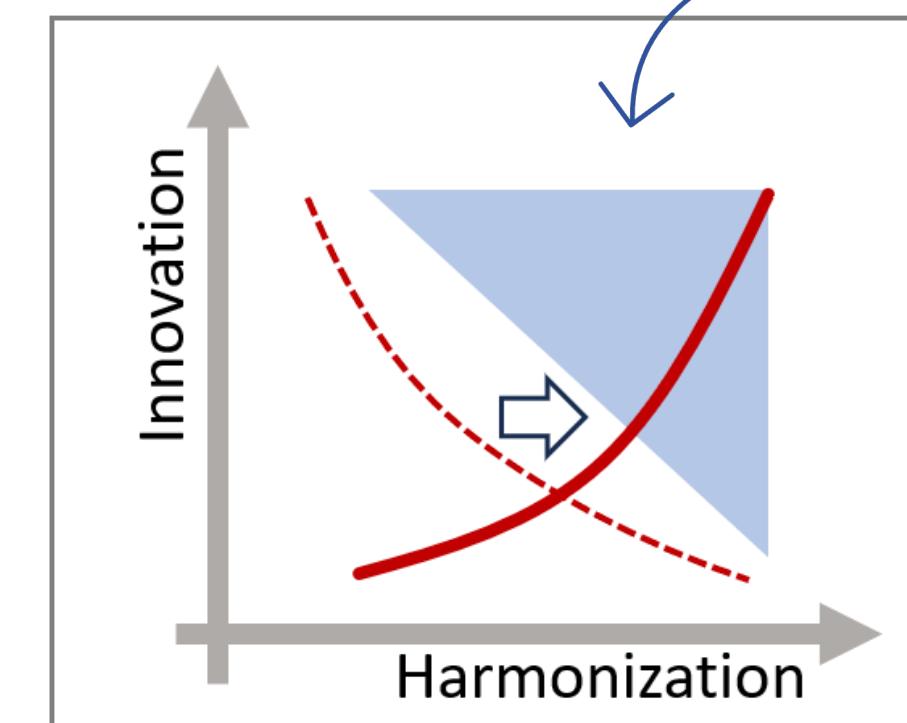
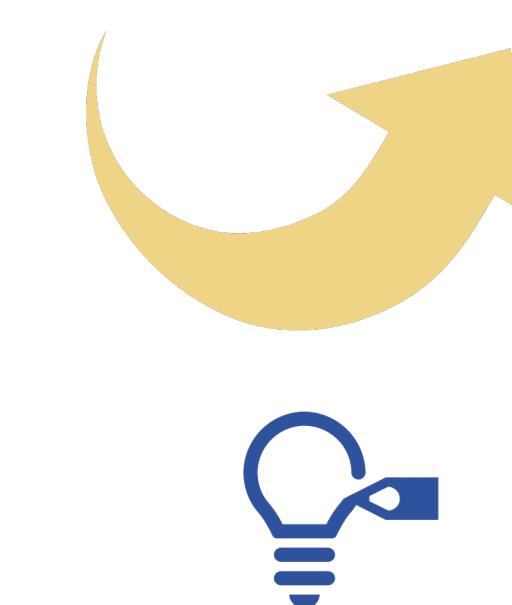
## Evolution



Two-Dimensional Thinking:  
Broaden the Solution Space



Two-Dimensional Thinking:  
Shifting the Curve



Two-Dimensional Thinking:  
Inverting the Curve



# Revolutionizing the Digital Arena

How Platform Engineering Transforms the Game & Learnings from other industries

Reduce cognitive load

lower toil

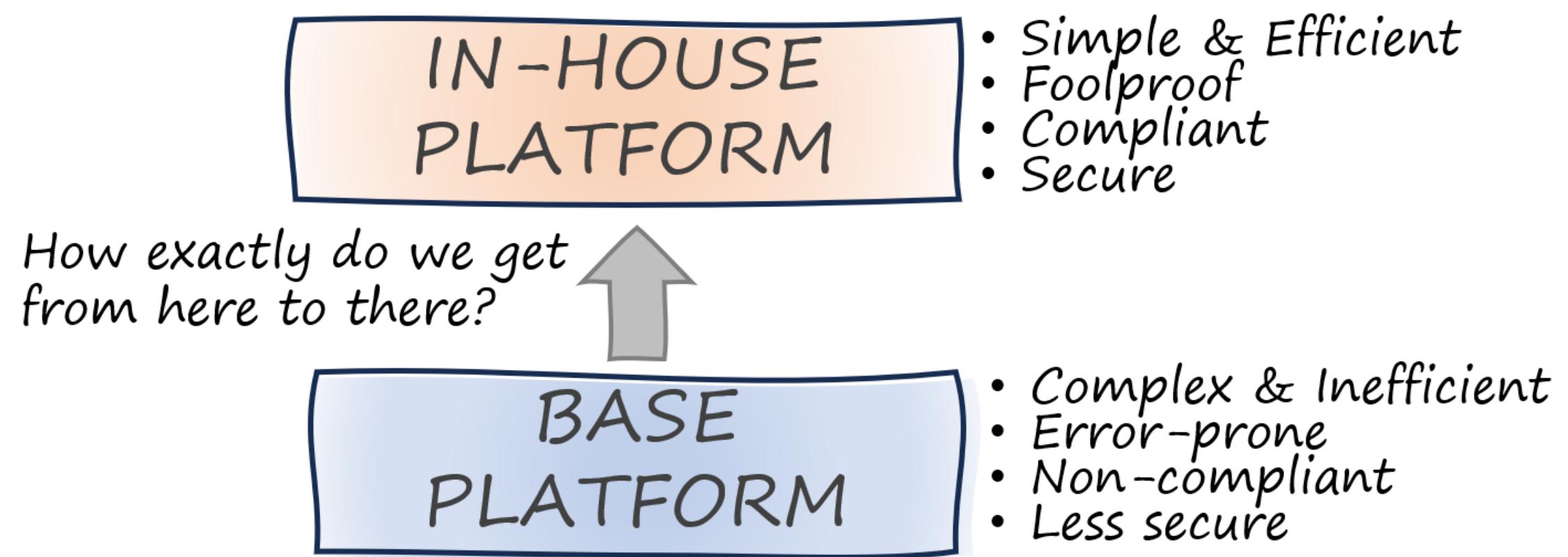
Thinking in 2 dimensions  
shifting the curve

Enable, democratize, accelerate



# From fruit basket to fruit salad

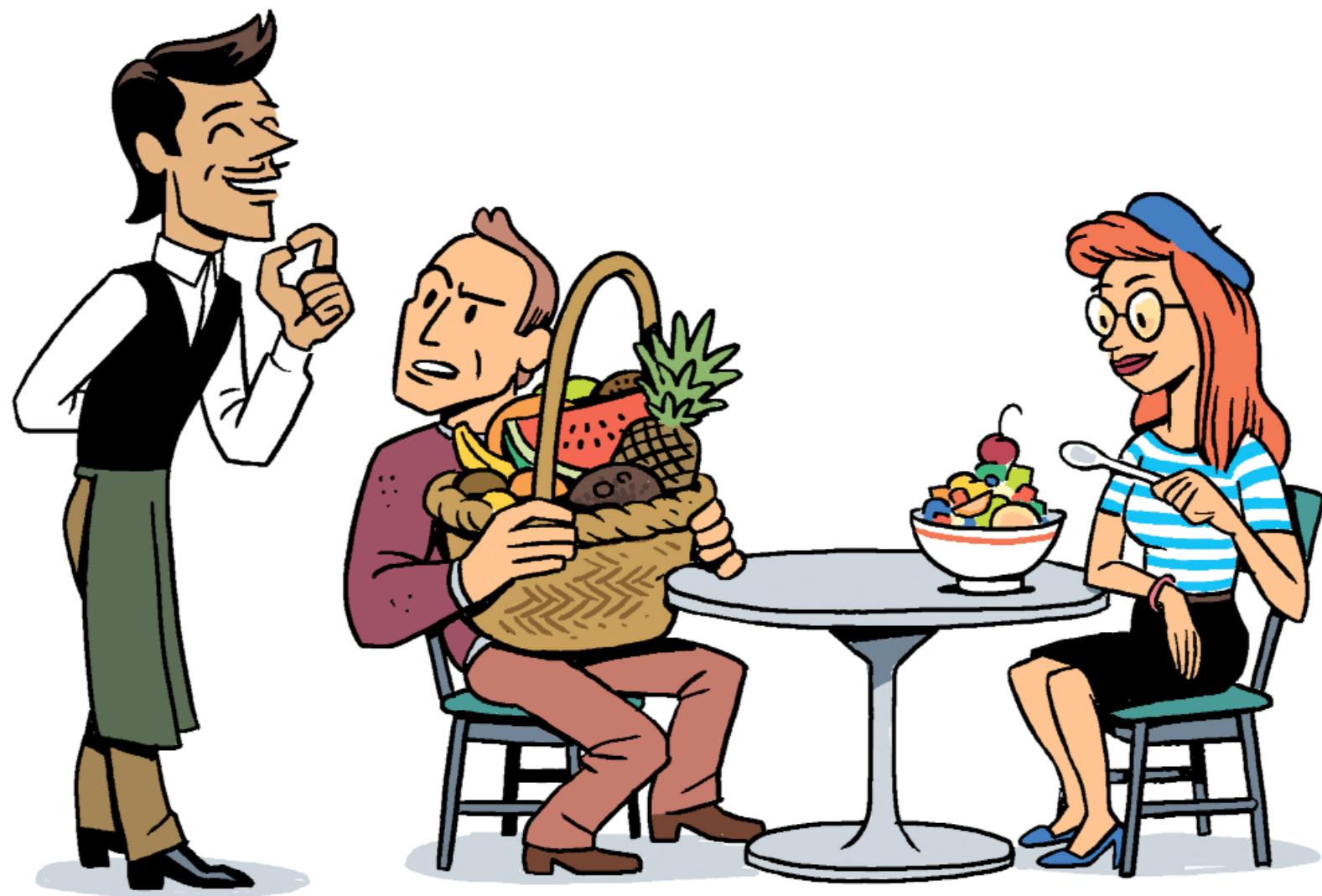
An advanced playground for internal stakeholders



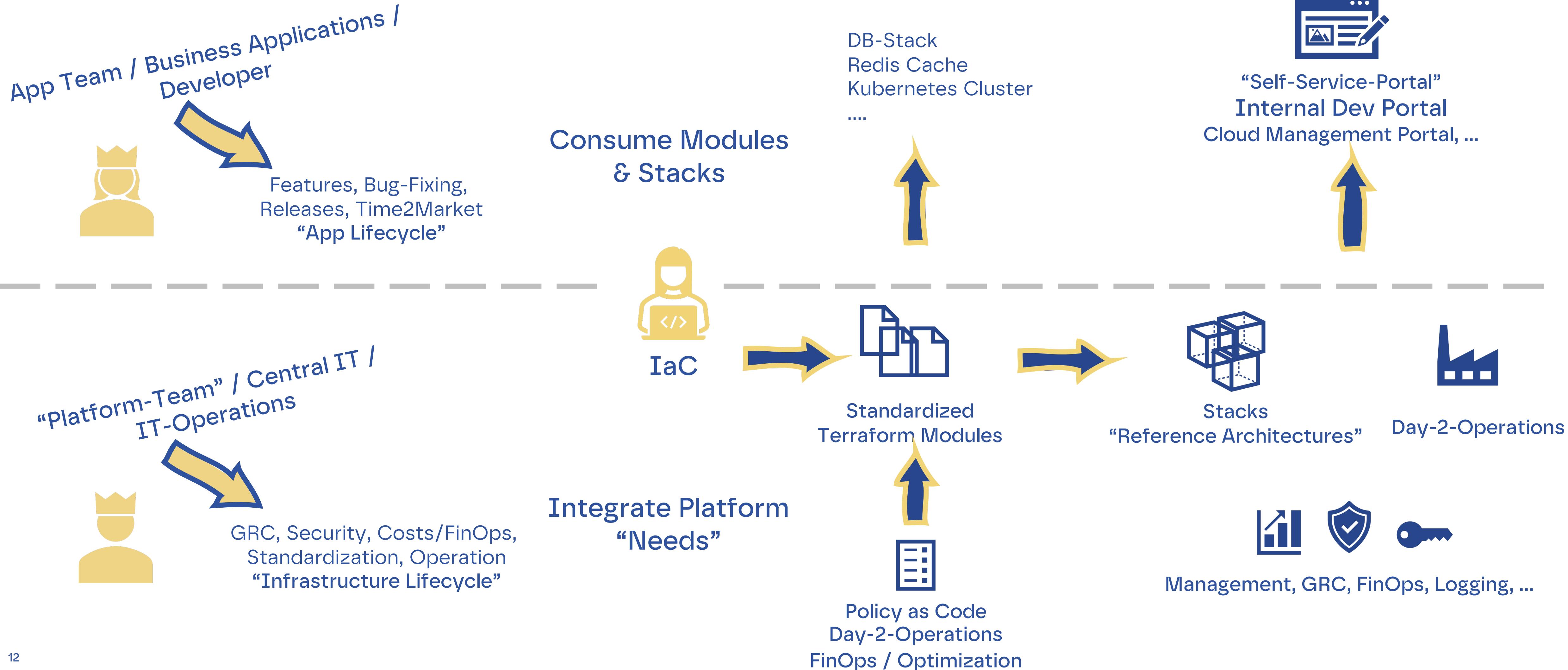
Platform enablement factors: automation, governance, modularity, interface standards

Componentization, separating commodity from differentiators

Lower Toil & reduce cognitive load



# Platform Engineering Simplified





# We already have a platform. Do you?

Platform criteria checklist

Speed first, efficiency second?



Self-Service capabilities?

Reduces Friction (Processes / Tickets, etc.)?



Shares Responsibility?

Extensible by platform users? (API, ...)



Centrally built and operated?

Minimizes Marginal Cost (Onboarding)?

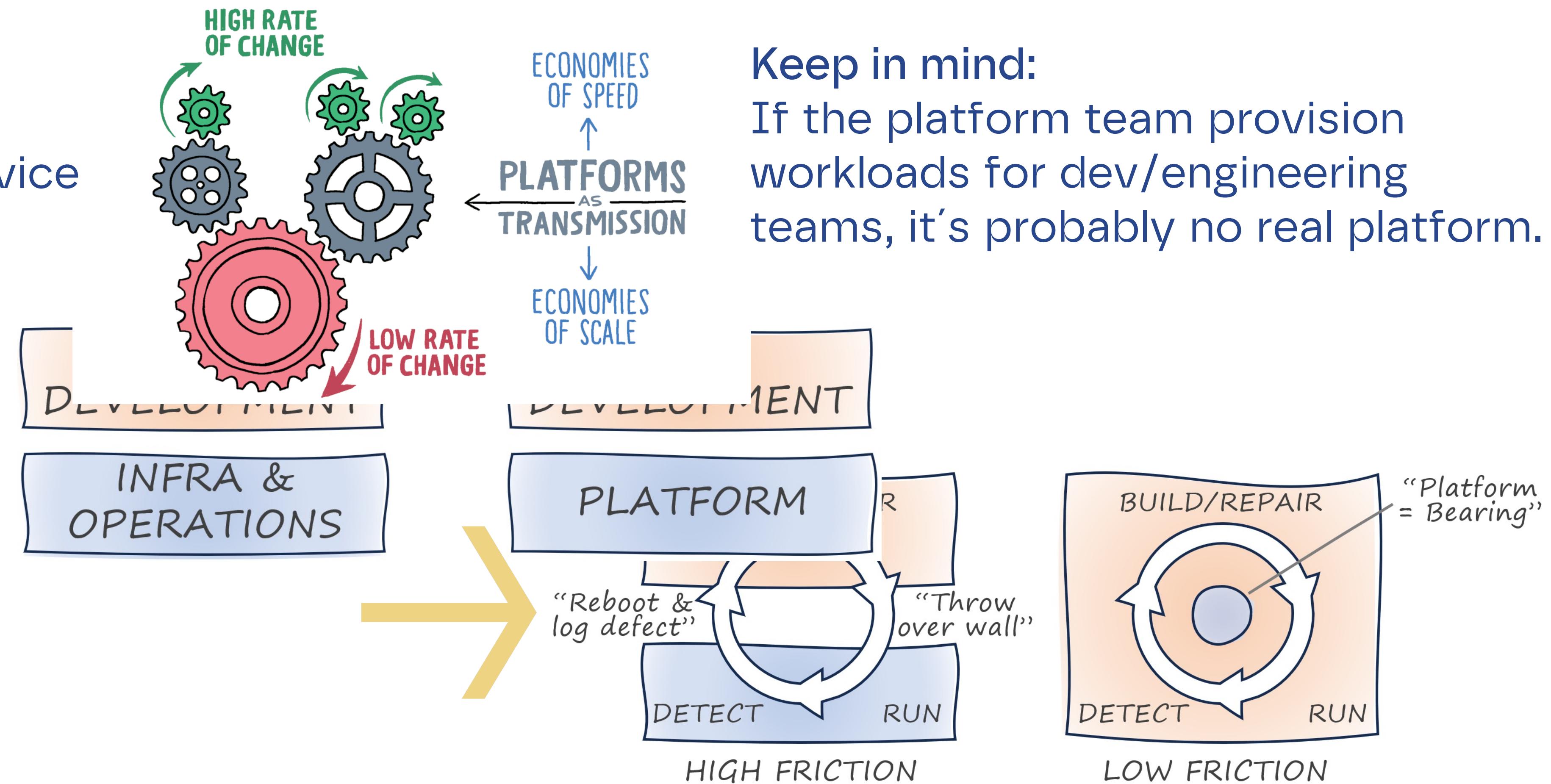




# Building “new” bottlenecks

The “inner” and the “outer” loop.

Platform is a Product  
> no project > no IT-Service

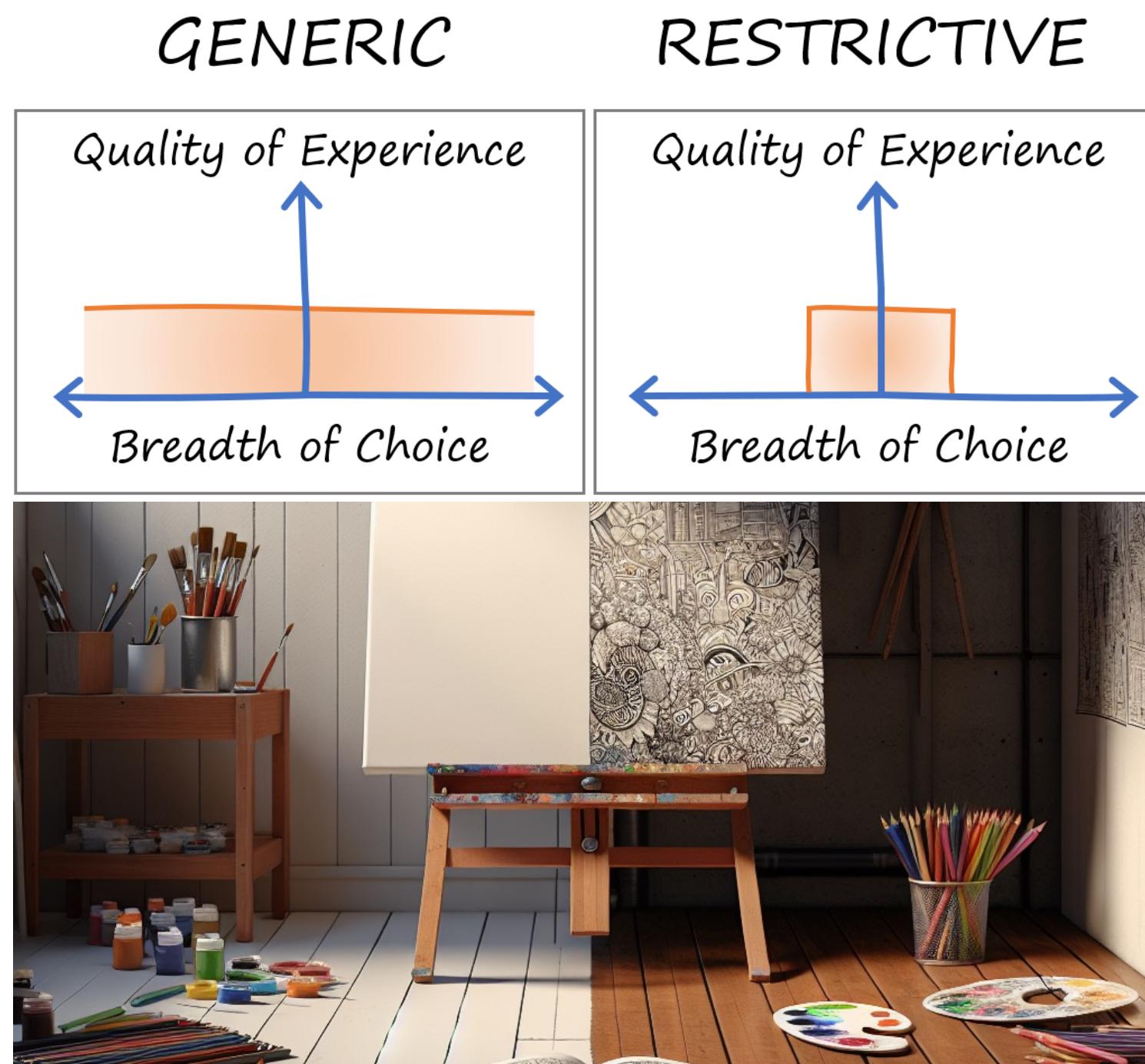




# Highway or country lane?

From full autonomy to golden paths.

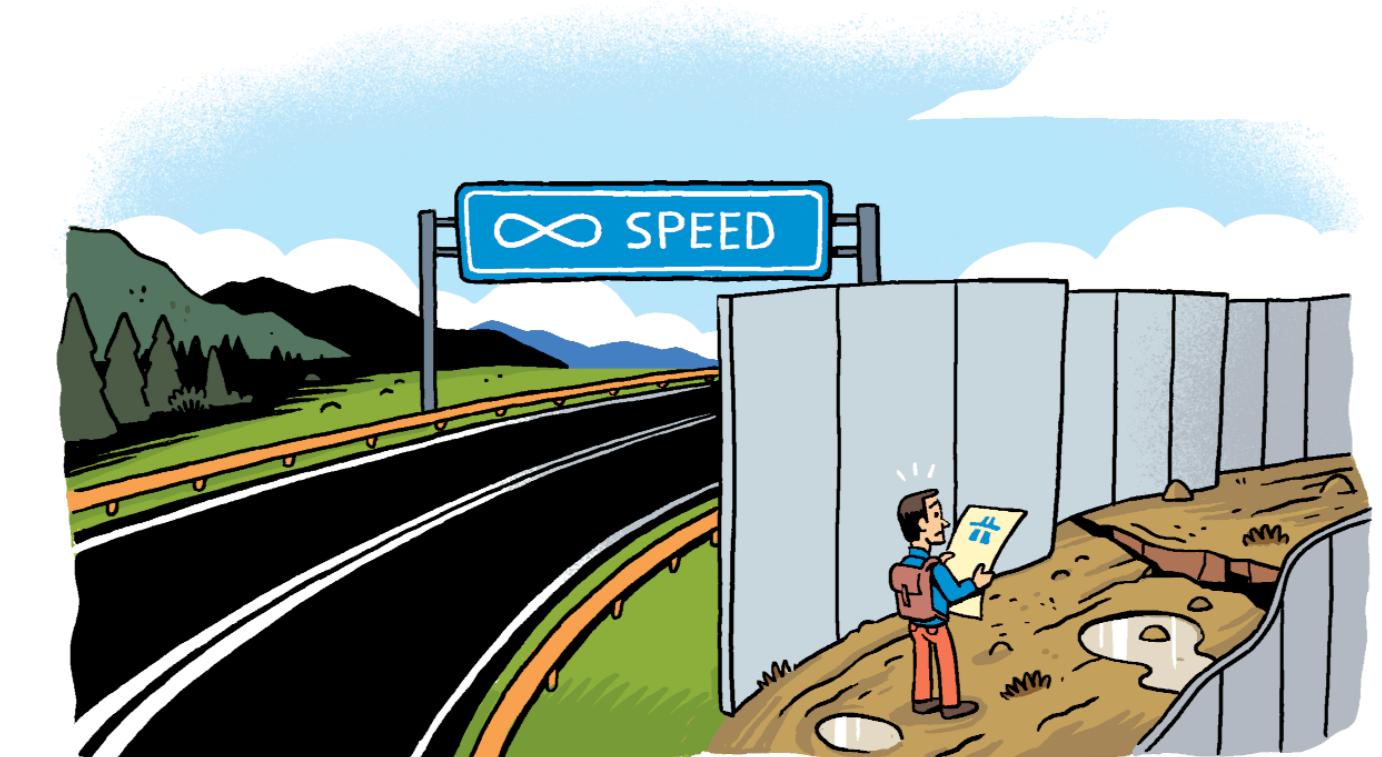
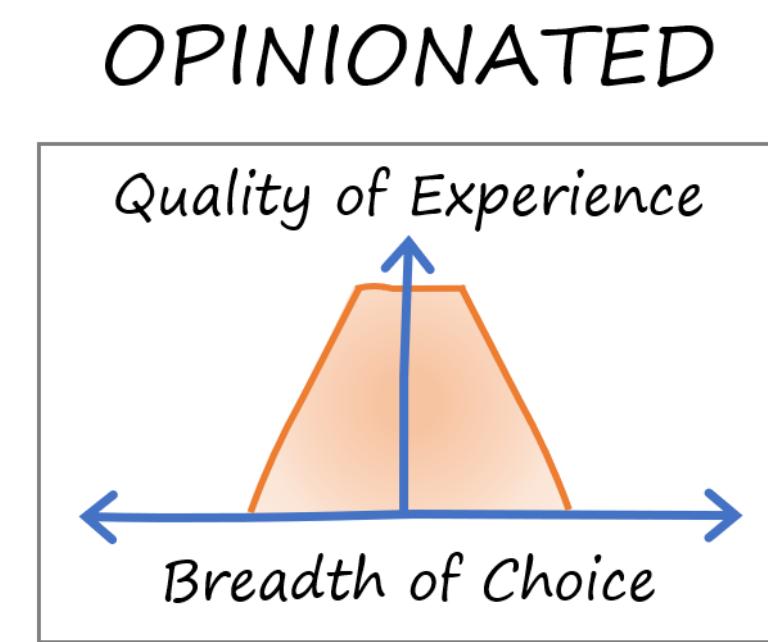
Centralize dezentralization  
the problem with full autonomy

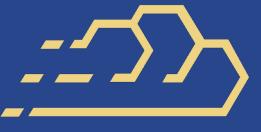


WET principle & Rule of three  
“Enjoy” writing everything twice  
Seen it 2-3x? > Componentize.



Golden paths & Opinions  
if you don't like it it's fine /  
we have another solution.





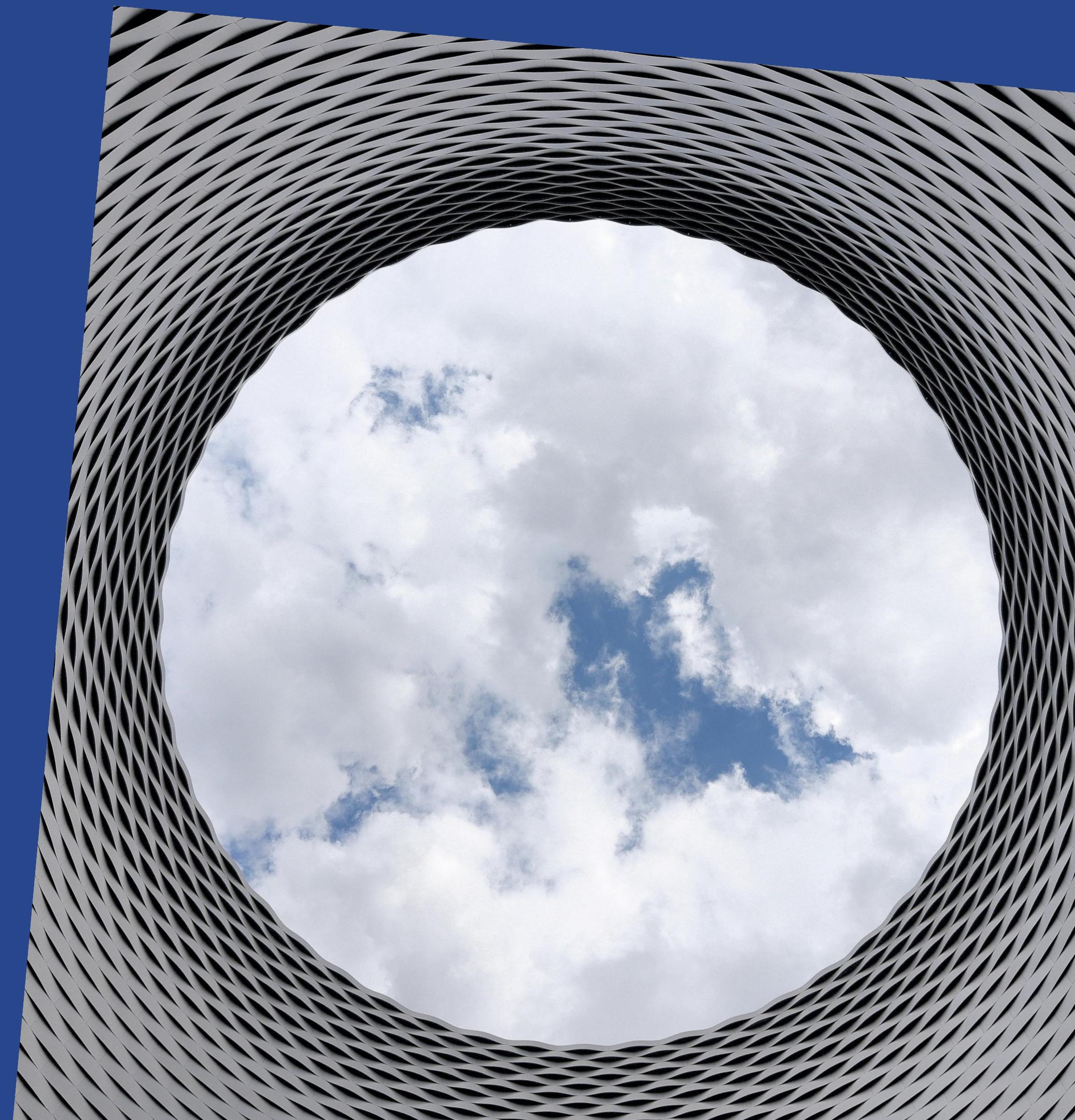
# cxElevate – Cloud Management: native & DevOps ready.

**Inventory, Governance, Automation, Self-Service & FinOps?**

A lot of terms and complex processes behind it - but also a showstopper for low time-to-market, excellence and cloud-native if you don't have these processes under control end2end.

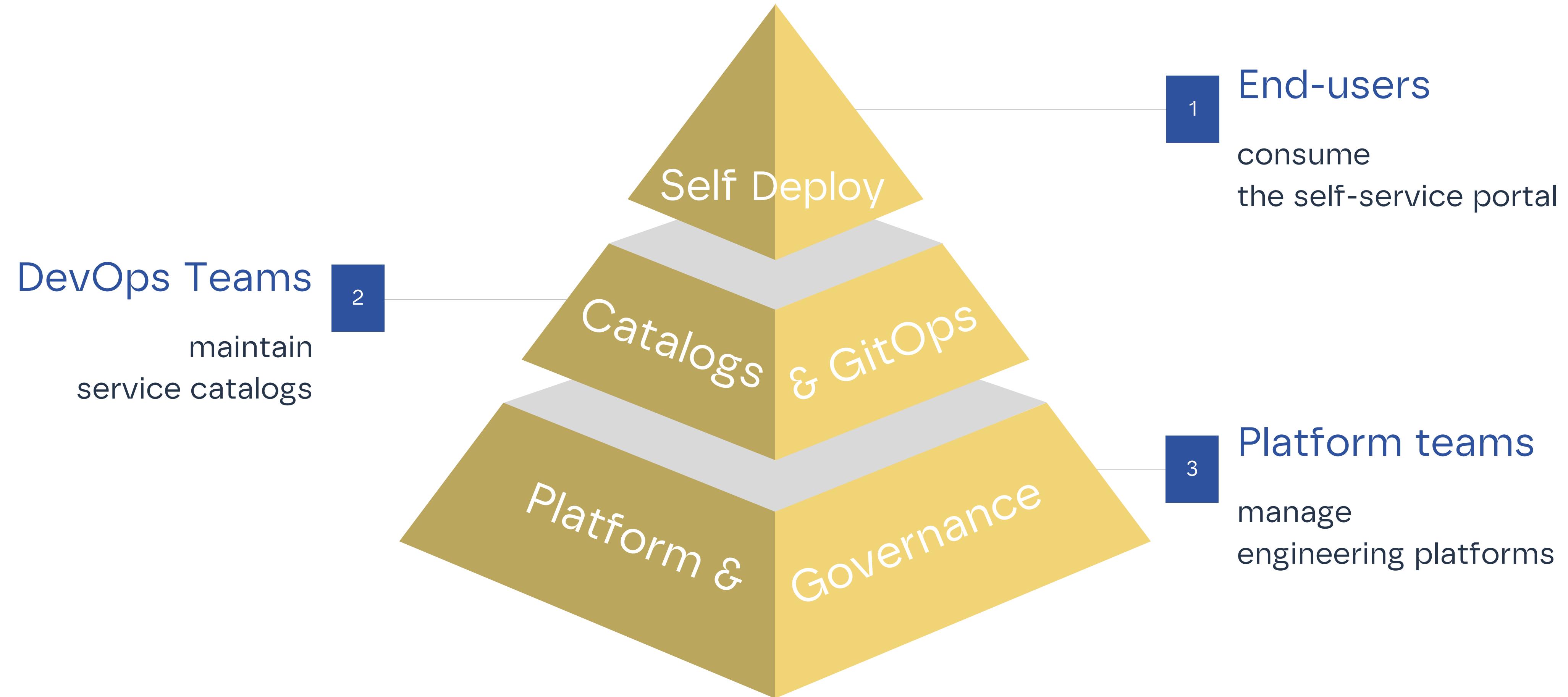
With cxElevate and our automated services we offer you more than just a tool for your platform operations & engineering.

[www.cloudxcelerate.io/cxelevate](http://www.cloudxcelerate.io/cxelevate)



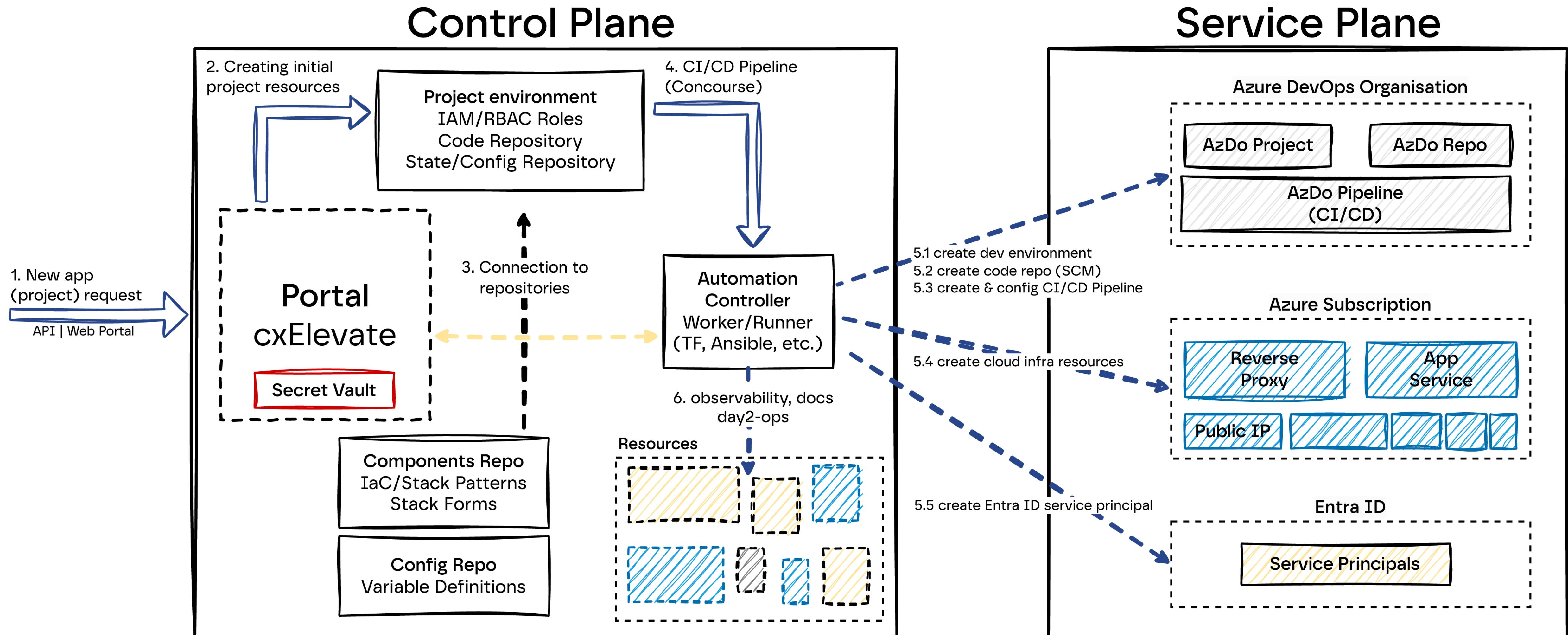


# cxElevate - Sustainable Platform Engineering





# End2End workflow example





# Live Demo



# Thank You

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