

CI Acceleration at Scale

a JPMorgan Chase success story!





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JPMorgan Chase & Co.

It's a bank



Presenters



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Director of Engineering



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Agenda

- **Our SDLC Platform**
- **Our Challenges**
- **CI Evolution**
- **Measuring Success**



Our SDLC Platform

- **Environment**
 - Public Cloud
 - On Prem
- **Scale**
 - 40k+ developers
 - 150k+ CICD pipelines per day
 - 100k+ repos
- **Third Party Tools**



Our Challenges

- **Communication**
- **Enablement**
- **One size doesn't fit all**
- **Regulations**



The Balancing Act

**Developer Productivity
& Experience**

Faster Builds & Tests
Predictable Results
Extreme Observability
Easy to Debug Issues
Zero Toil

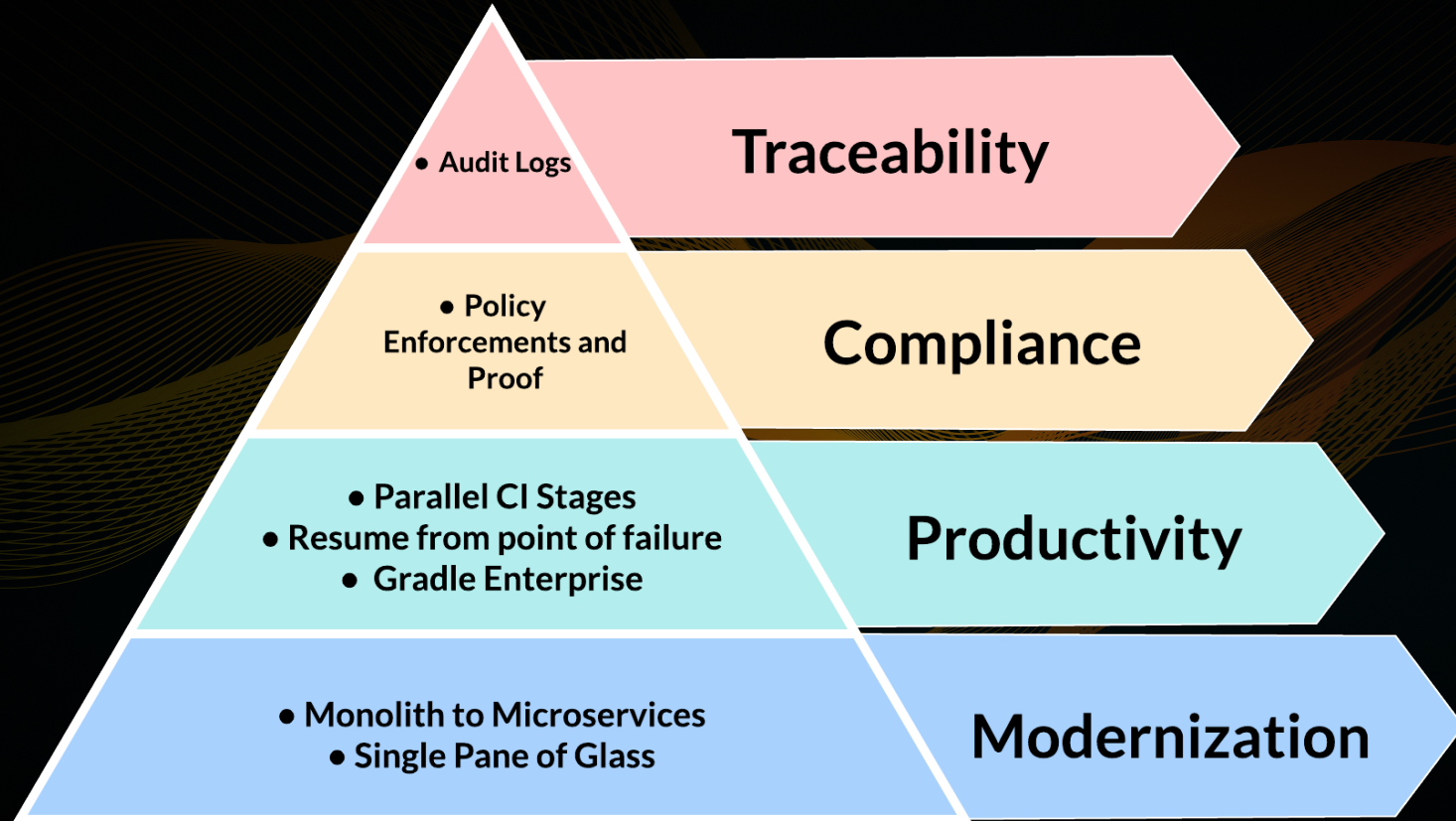
**Stable & Scalable
Platform**

**Platform Engineer's
Experience**

Availability
Operability
Security
Traceability



CI Evolution



Documentation

Tech Forum

Office Hours

Repave

Rotate

Repair

Optimization

Blueprint

Agility

Code segmentation

Environment
segmentation

Communication

Enablement

One size does
not fit all

Regulations



Meet the Developers Where They Are

Personalized
ROI report

Workshops

Near Zero Toil for Developers

Auto
generated
PR

Blueprints

Engage in Targeted Communication

Data Driven

Objective
Outcomes

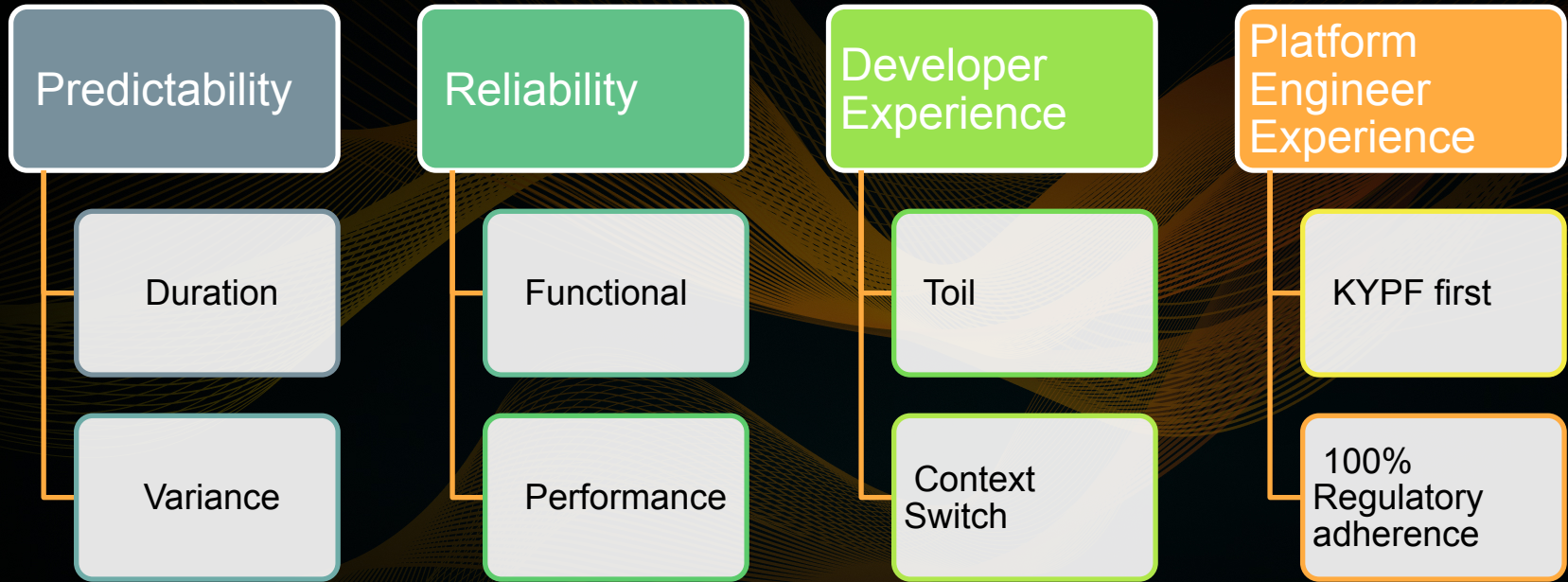
Keep Moving the Needle

Monitor for
regressions

Measure
Experience



Measuring Success



Contact us

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