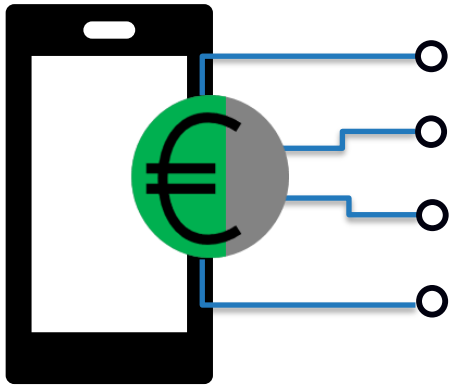
IDC | ANALYZE THE FUTURE

Scaling DevOps: Optimizing for Innovation at Scale

Jen Thomson, Senior Research Director

© IDC

Software is a bigger piece of how every enterprise competes



European GDP digitally driven

2020

1 in 2

European IT Execs prioritize software dev capabilities to drive product / experience innovation

2025

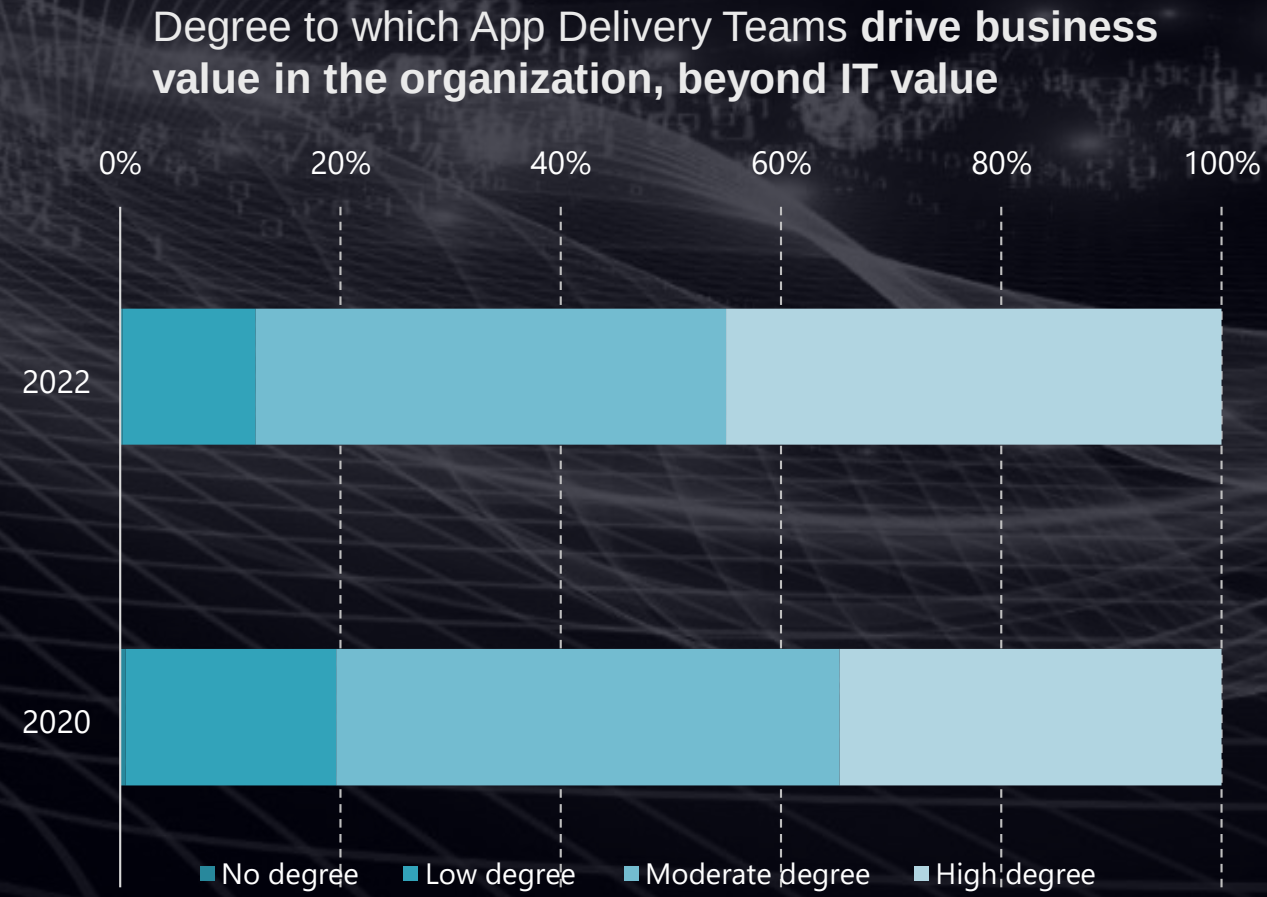
60%

of European organizations will be high-performance, large scale **producers** of software-based digital innovation – most of that directed toward creating **new value** for their customers.

© IDC

App delivery becomes a strategic function!

The role and impact of app delivery teams expands

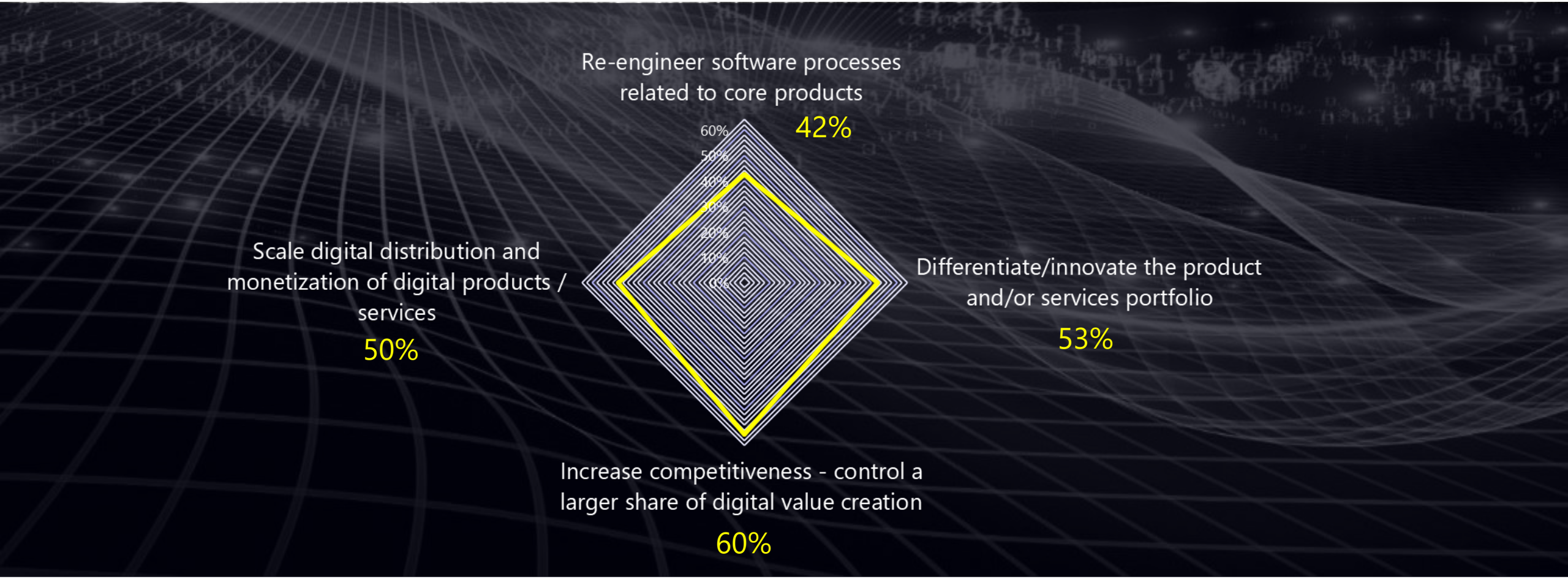


Q. Beyond the IT value, to what degree do your software delivery teams drive business value in your company?

Source: IDC European Accelerated App Delivery Survey, Sep 2020, N=398

© IDC

The role of app dev and delivery teams expands



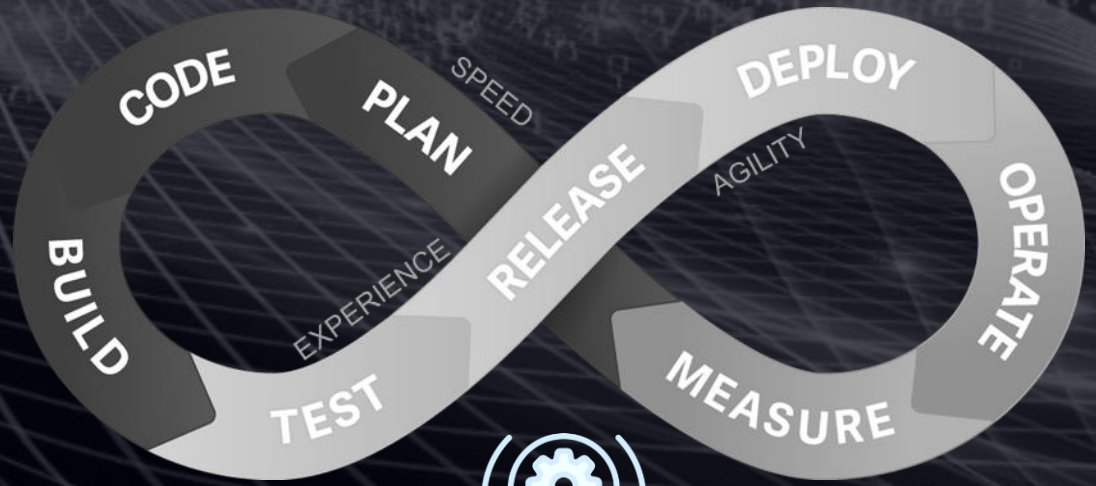
Q. What is the role of software development and delivery capability in supporting the overall direction of your organization and its rollout of digital products and services?

Source: IDC European Accelerated App Delivery Survey, Sep 2020, N=398

70% of European orgs practice DevOps

2020

For **60%** DevOps enhances **customer experience**



For **54%** DevOps boosts **business innovation**

For **49%** DevOps accelerates **Covid-19 Response**

Source: IDC European Accelerated App Delivery Survey, Sep 2020, N=398

© IDC

2021

80% of European orgs will use DevOps

*only **10%** will excel in terms of accelerated performance and delivery cycles.*

- Best Practice Identification
- Common / standard tool chains
- Learning over planning
- Shift to reuse
- Automation consistency

- Best Practice Driven
- Business Aligned
- Modern/reusable Architecture
- Intelligently Automated
- Security built-in

IDC ANALYZE THE FUTURE

Source: IDC 2020

© IDC

European Organizations Challenged to:

Organizations struggle to navigate the application complexities faced in their application modernization programs

Current dev capabilities

73%

Integrate with legacy and the business

70%

Automate and remove manual processes

54%

Environment standardization

51%

Improve business observability

IDC ANALYZE THE FUTURE

Source: IDC European Accelerated App Delivery Survey, Sep 2020, N=398

© IDC

European Organizations Challenged to:

Organizations struggle to navigate the application complexities faced in their application modernization programs

Current dev capabilities

73%

Integrate with legacy and the business

70%

Automate and remove manual processes

54%

Environment standardization

51%

Improve business observability

Urgency to improve

56%

Security Testing

55%

DevOps process and governance

46%

People training and reskilling

43%

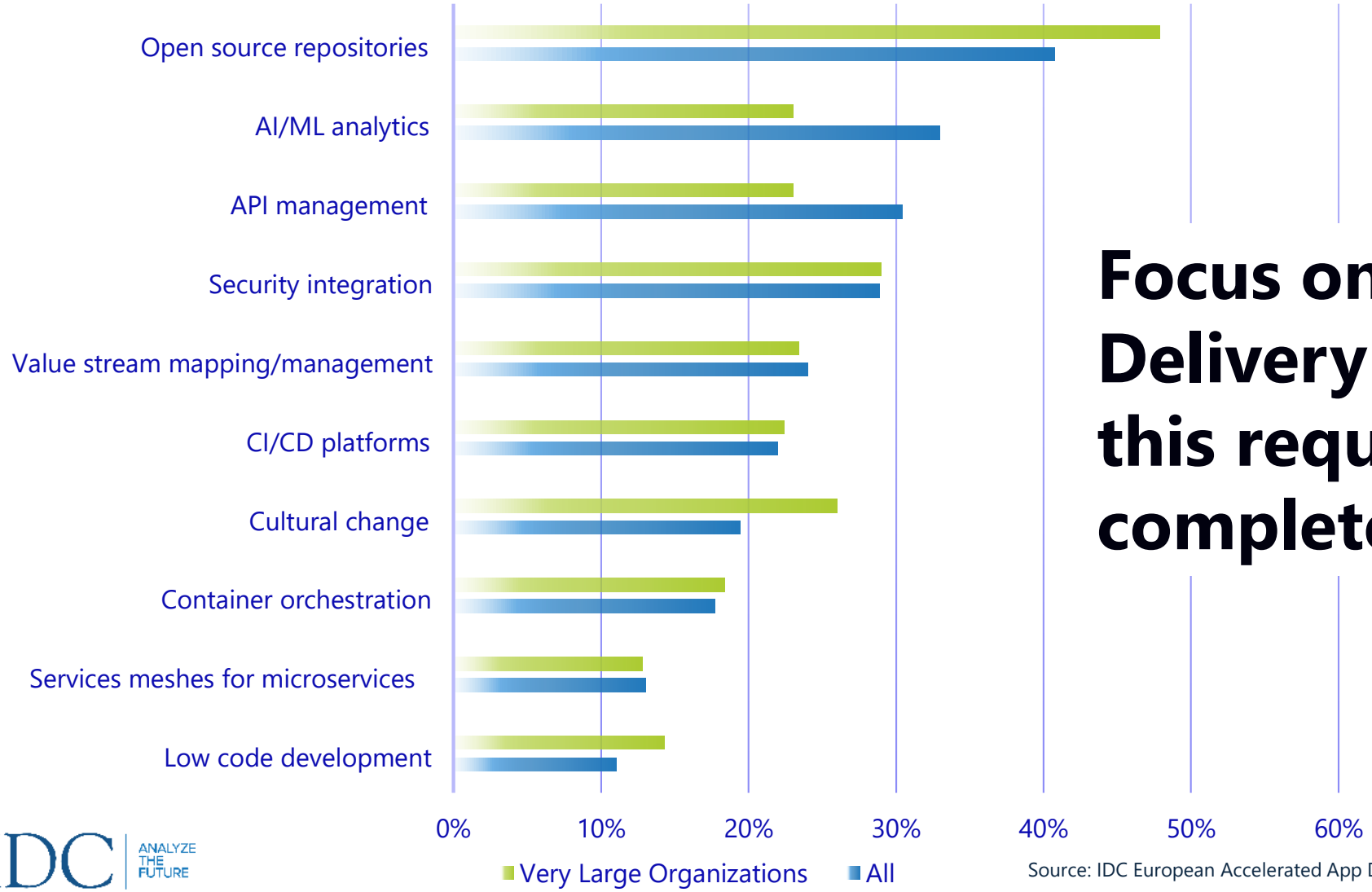
Organizational re-design

Source: IDC European Accelerated App Delivery Survey, Sep 2020, N=398

© IDC

Immediate priorities to accelerate app delivery

Q. What are the top areas that your organization will prioritize to accelerate app delivery in the next 12 months? [Choose up to 3]



Focus on an App Delivery CoE - this requires a complete toolkit!

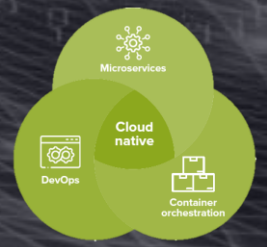
Source: IDC European Accelerated App Delivery Survey, Sep 2020, N=398

Build modern app delivery and Digital Innovation game plans to be:

Open

Shift to support the strategic use of open source repositories with embedded GRC – 100% increase

Cloud native



For 50% cloud native app development efforts remain siloed and disjointed

Automated

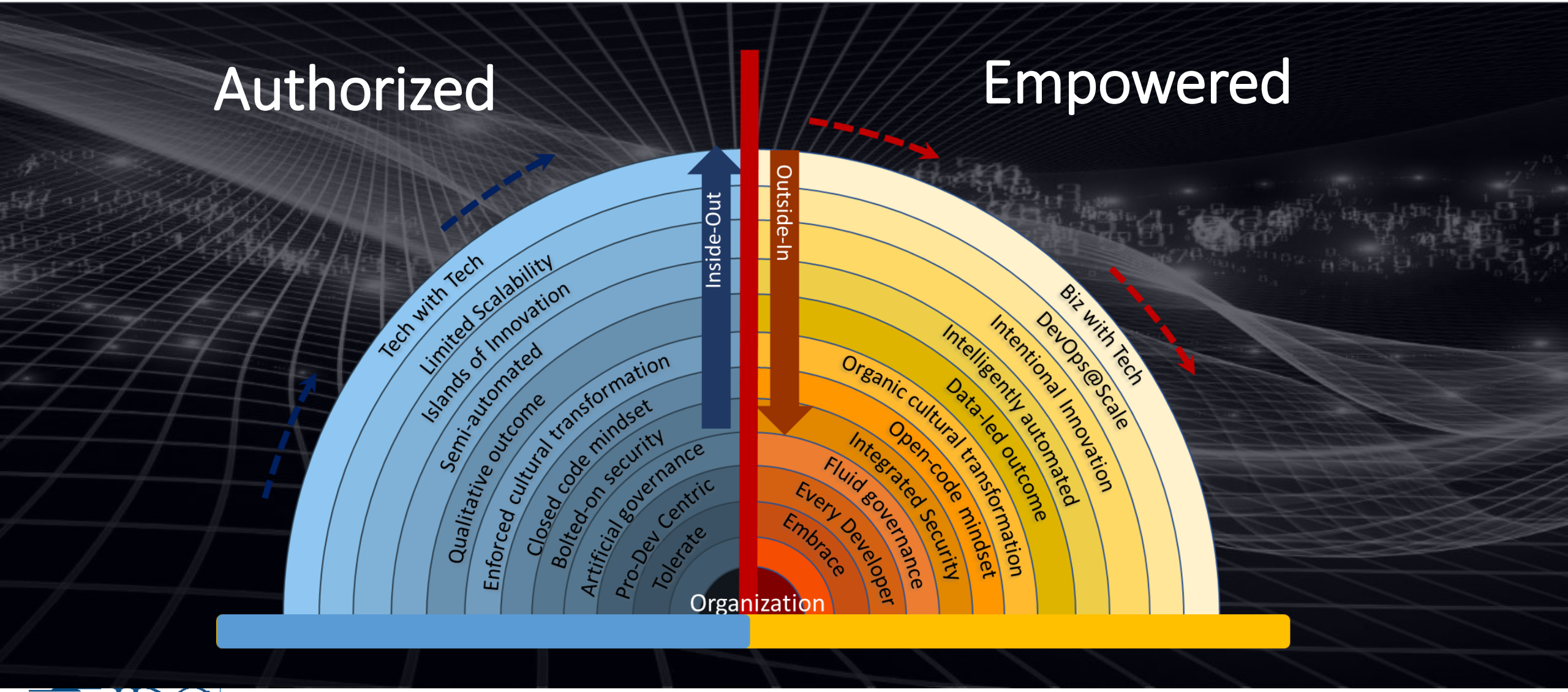
25% lack a unified approach

Value Driven

Value stream management shifts from nice to have to must have

Source: IDC European Accelerated App Delivery Practice, Sep 2020

Accelerate the journey from: "Authorized" to "Empowered" organizations

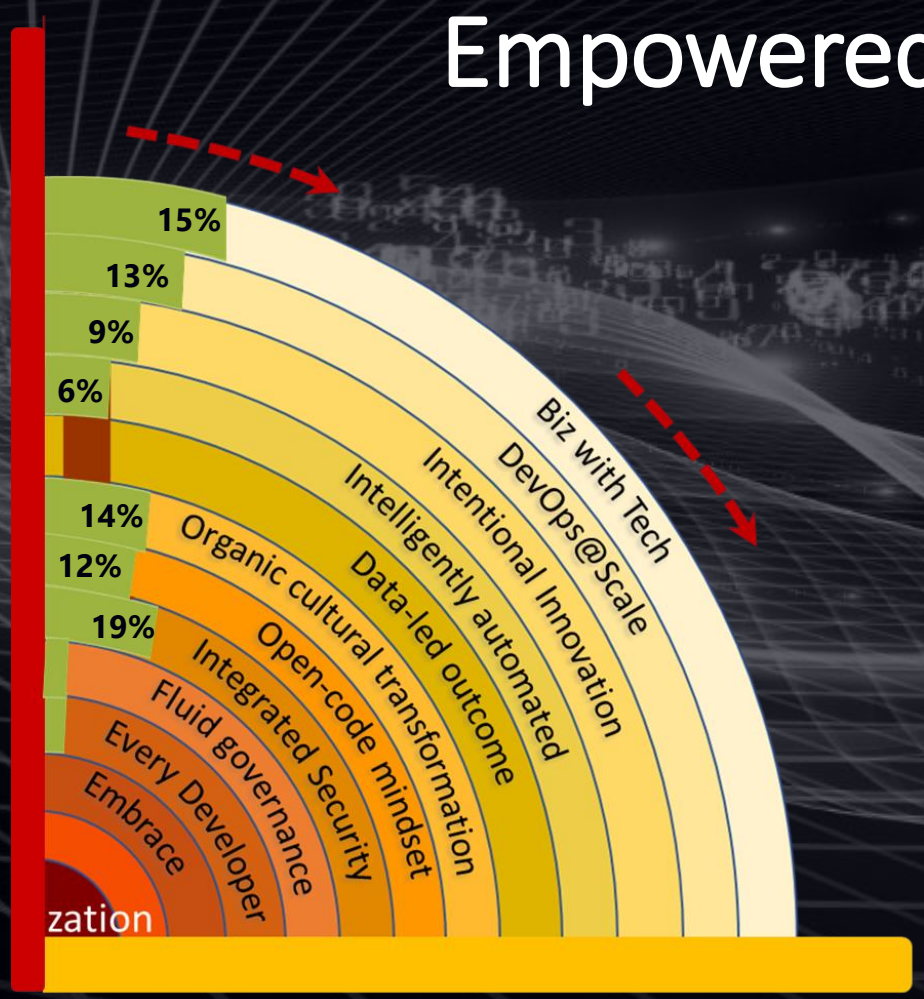


Source: IDC European DevOps Research Innovation Council, July 2020

© IDC

The journey has only just begun

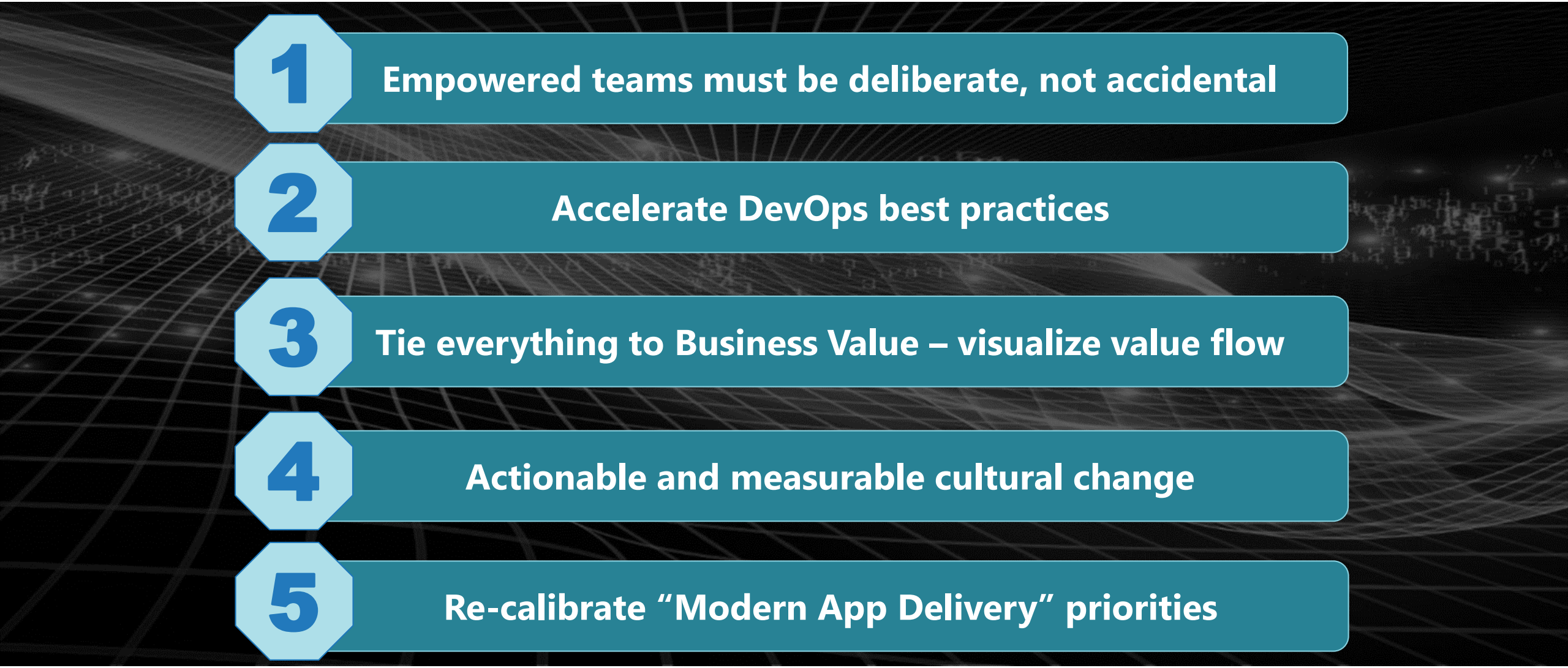
How far are European organizations on the journey to being Empowered?



Source: IDC European DevOps Research Innovation Council, July 2020
Source: IDC European Accelerated App Delivery Survey, Sep 2020, N=398

© IDC

Success factors for DevOps as BAU!



© IDC

THANK YOU!

Q&A

JEN THOMSON

SENIOR RESEARCH DIRECTOR

ACCELERATED APP DELIVERY
ENTERPRISE SCALE DEVOPS

JTHOMSON@IDC.COM

@JTHOMSONIDC

IDC ANALYZE THE FUTURE

© IDC