

Continuous Delivery Backbone

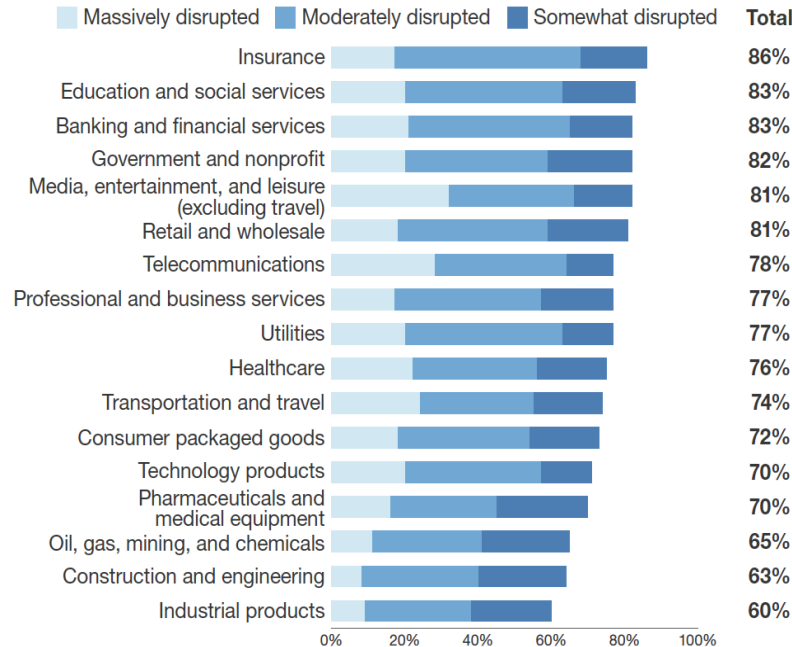
Simon Poulton

February 2017



80%+ of Executives in most B2C industries say their business will be disrupted by digital technologies in the next 12 months. **20%** say their business will be **massively disrupted**.

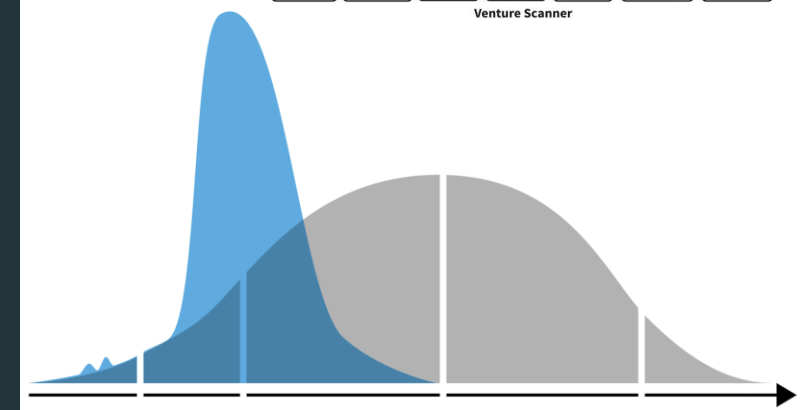
“Do you think your business will be disrupted by digital technologies in the next 12 months?”
(On a scale of 1 [not disrupted] to 5 [massively disrupted])



Base: 1,254 executives in companies with 250 or more employees
(respondents may be counted in multiple industry groups)

- Forrester State of Digital Business

- Big Bang Disruptions - Larry Downes - RallyON Keynote



When organizations want to develop a new software idea, only **8%** of them are able to approve it, build it and deploy it to users in **fewer than 3 months**.

Building Competitive Advantage With Software Through A Continuous Delivery Process, Forrester Consulting



The Application Economy Requires Continuous Delivery

CONTINUOUS DELIVERY

The ability to reliably release high-quality applications at any time



Accelerate
Deliveries



Reduce
Errors



Manage
Complexity



Increase
Visibility



Drive
Collaboration



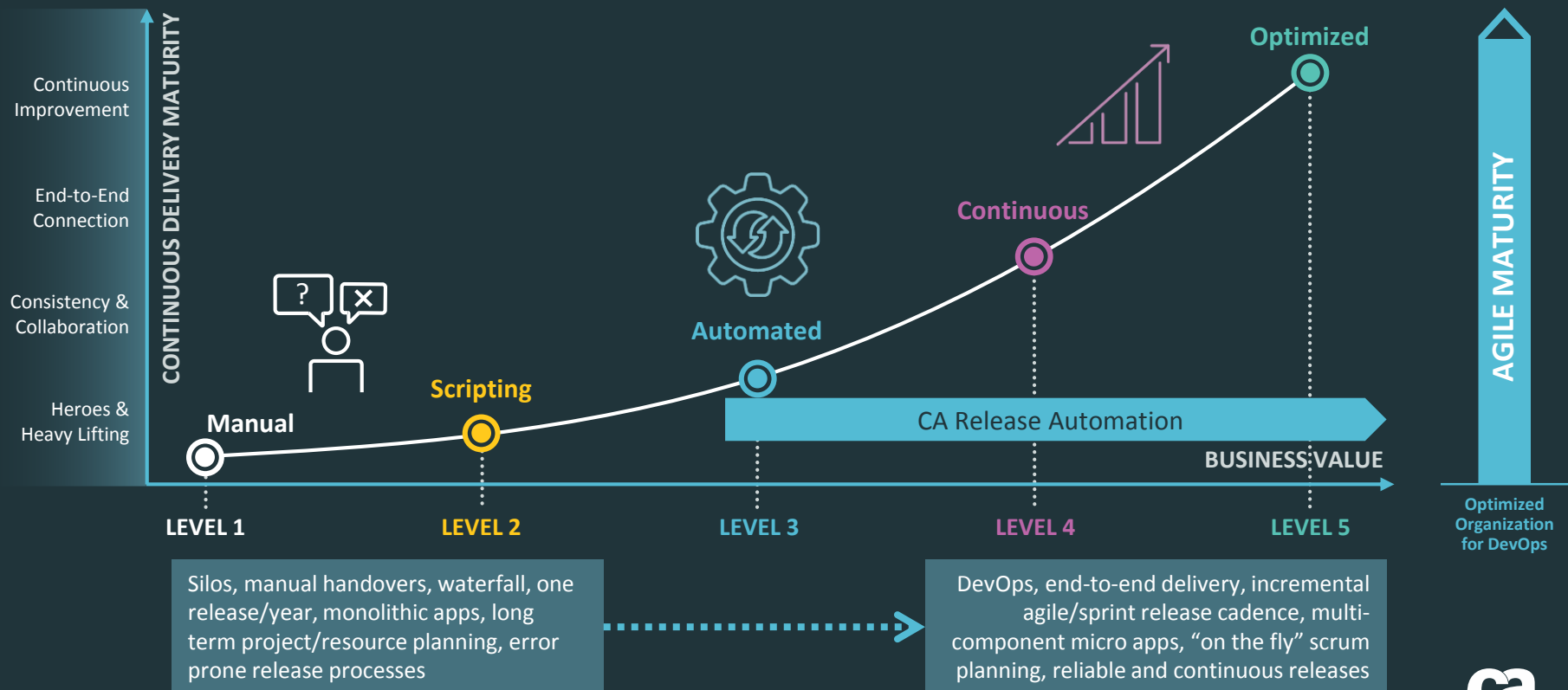
Continually
Improve

Continuous Delivery Is a Journey

Maturing of Culture, Apps, Processes and Tools for Releasing Apps



Where are you?



CA Release Automation: Ignite and Advance Your Continuous Delivery Journey



RELEASE CYCLE AGILITY



Fully automate the release of agile applications through dev, test & production — improving deployment time by **20x**

SEAMLESS, END-TO-END ORCHESTRATION



Easily leverage existing tool investments to orchestrate **thousands** of composite releases across diverse environments

CONTINUOUS OPTIMIZATION

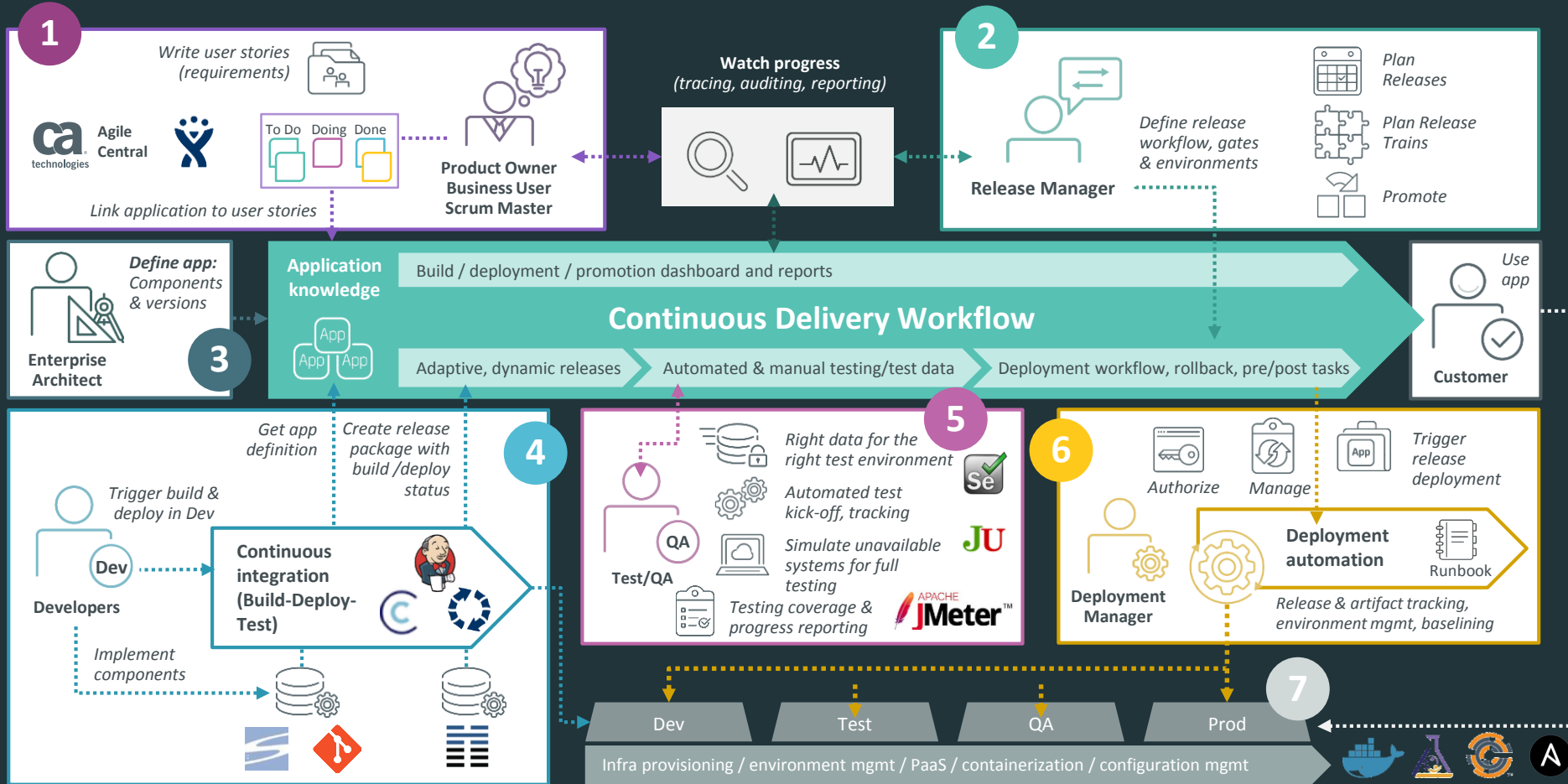


Improve release **quality**, processes, and teams — reducing production errors by **98%**

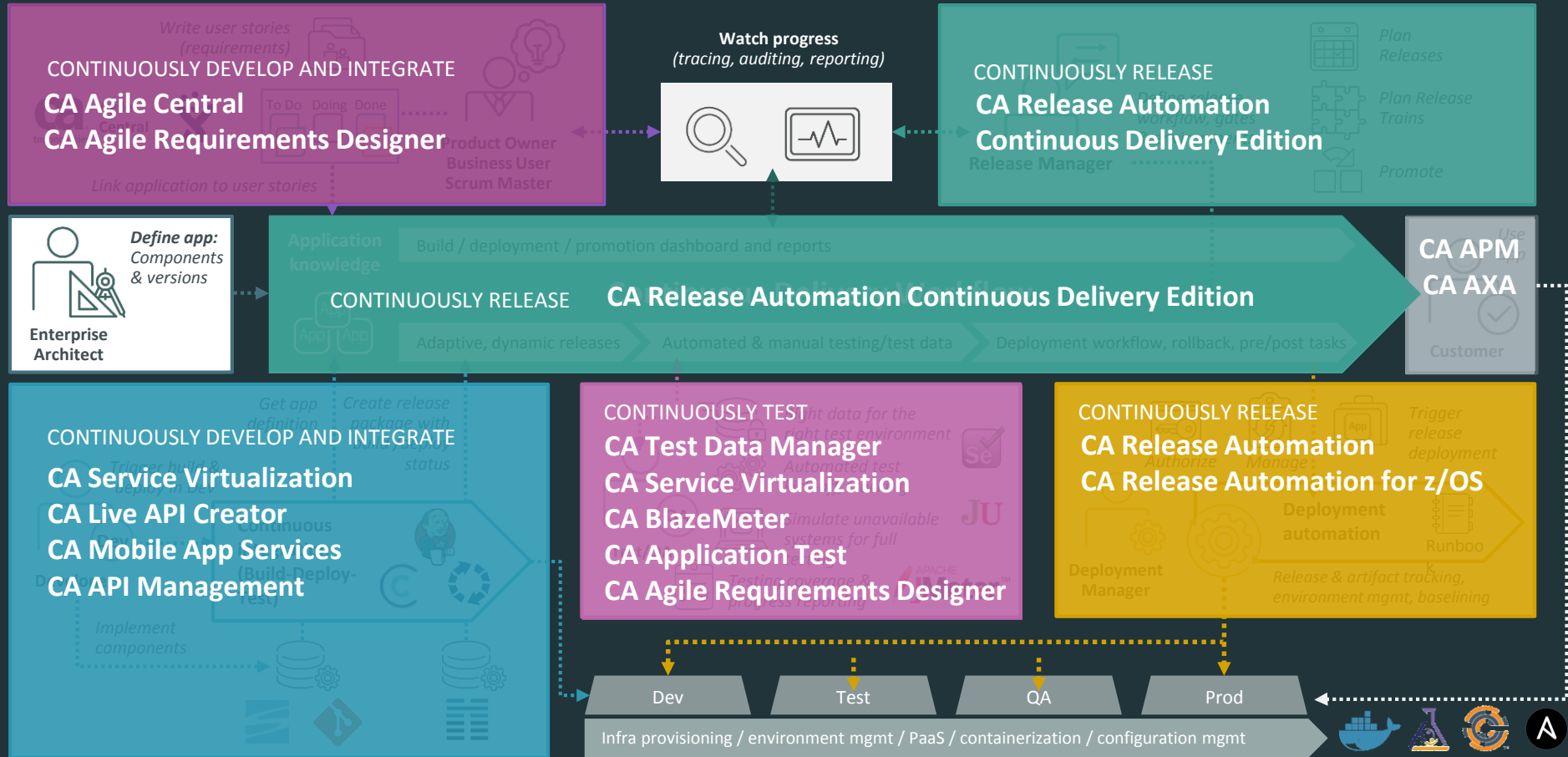
AT ENTERPRISE SCALE

*Improving deployment time by 20x and reducing production errors by 98% taken from Forrester Total Economic Impact™ Study for CA Release Automation, December 2015, a study conducted by Forrester Consulting on behalf of CA Technologies

Continuous Delivery Ecosystem & Workflow



Continuous Delivery Ecosystem & Workflow



CA Release Automation—Deployment Engine

Rapidly and reliably automate application releases from development to production

**Zero-touch
Deployment Across
Servers, Data Centers
and Cloud
Environments**

**Configure
Deployment
Operations with
Powerful, Visual
Workflow Engine**

**Reuse Deployment
Best Practices,
Enabling Teams to
Share Deployment
Logic Across Projects**

**Orchestrate with
Preferred Tools
without Scripting
Using Out-of-box
Actions**

**Remediate
and Audit
Deployments
with Visual
Dashboard**

CA Release Automation Continuous Delivery Edition

Plan, manage and optimize the continuous delivery pipeline

**Design a
Shared Pipeline,**
Managing Release
Dependencies and
Criteria

**Execute Many
Complex Releases**
from Dev to Prod,
Iteratively Improving
App Content

**Plan and Schedule
Releases,**
Managing Conflicts
and Maintenance
Windows

**Assign Dynamic
Teams** and Increase
Collaboration

**Manage and Track
App Content,**
Meeting Business
Priorities

**Real-time
Troubleshooting**
and On-going
Optimization

CA Release Automation Continuous Delivery Edition

Zero-touch Deployment + Advanced Release Management

OPTIMIZE PIPELINE



Continuous Delivery Dashboard



PLAN & MANAGE RELEASES



ZERO-TOUCH DEPLOYMENT



DEV



QA/TEST



PRE-PROD

PRODUCTION

Orchestrate Continuous Delivery for the Enterprise

CA Release Automation's **depth and breadth of integrations** were rated superior or better by 80% of IT organizations who also evaluated IBM UrbanCode, XebiaLabs or Electric Cloud.

Source: TechValidate, Survey of Users of CA Release Automation
Commissioned by CA, August 2016. TVID: [5AE-89E-C69](#)



Note that the logos shown are not all inclusive of supported integrations.



CA Release Automation: Real Results

CITRIX®

Improved deployment
time **94%**



Reduced
deployment
time **95%**

ING 

Increased release
frequency per month
150 to 20,000 +



Reduced cost
of human error **90%**



*“We are able to deploy
several hundred deployments
with almost zero downtime.
Also, we are able to provision
applications within no time, at
any time.”*

—Large Financial Services Company

Source: TechValidate, Survey of Users of CA Release
Automation Commissioned by CA, Sep. 30, 2015.

TVID: [509-39D-2EF](#)

CA Release Automation: Real Value

Forrester Total Economic Impact (TEI) Study for CA Release Automation

[CA Release Automation](#)

[Get Study](#)

[View Webcast](#)

[Get Help with Business Case](#)

IMPROVING RELEASE QUALITY AND ENABLING FASTER DEPLOYMENT IN COMPLEX ENTERPRISE ENVIRONMENTS



ROI	NPV	PAYBACK
389%	\$8.44M	2.8 mos.



Production errors reduced by	98%
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Deployment time improved by	20x
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“Agile and continuous delivery can be nothing but a journey. You are never done; you are constantly moving the needle. There is always something you can do. Through it all, the CA Release Automation tool is relatively bulletproof.”

—Director, DevOps tools management, Fortune 100 financial services firm

“I know we have a complicated framework — we have different components with different functionalities on different applications. But dealing with complicated frameworks is where CA Release Automation is really strong.”

—Lead, core application team, major telecommunications provider

Based on three-year, risk-adjusted financial model for the composite organization

The Total Economic Impact™ Of CA Release Automation, a commissioned December 2015 study conducted by Forrester Consulting on behalf of CA Technologies

Why CA for Application Release Automation?



Market leader

Leader position in Gartner Magic Quadrant¹

Outstanding ROI

389% ROI with payback in 2.8 months²



Real-user successes

"It's an enterprise-class continuous delivery solution that takes release automation to the next level..."

Shweta Bhardwaj, Tools Administrator at a Tech Services Company

Source: [IT Central Station User Review](#)

Competitive stand-out

"It is more robust and user friendly than IBM UrbanCode."

IT Specialist at a Global 500 Banking Company

Source: TechValidate, Survey of Users of CA Release Automation

Commissioned by CA, August 2016 TVID: [AE1-079-F07](#)



Enterprise-ready

Flexible, open, scalable platform

Integrated CD ecosystem

From Dev to Test to Prod

¹Source: Gartner, Inc., "Magic Quadrant for Application Release Automation," Colin Fletcher, David Paul Williams, Laurie F. Wurster, August 1, 2016.

²The Total Economic Impact™ of CA Release Automation, a December 2015 study conducted by Forrester Consulting on behalf of CA Technologies.

Next Step... Schedule a Future State Workshop

What slows Digital Transformation down



- Stakeholders focus on their domains
- Complex Legacy processes
- Impossible to transform the entire portfolio
- Don't know where to start
- Setting the right KPIs

How the FSW solves this



- Help to choose a value stream
- Senior stakeholders aligned to that stream
- Isolate the relevant components for that stream
- Use our experience to build a scalable exemplar
- Align tech changes to business goals