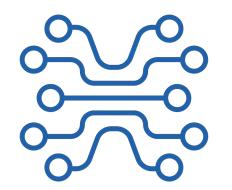
## Speed is the new currency

Jori Ramakers, Digital Transformation Strategist

## The World Has Changed



Assault of technologies



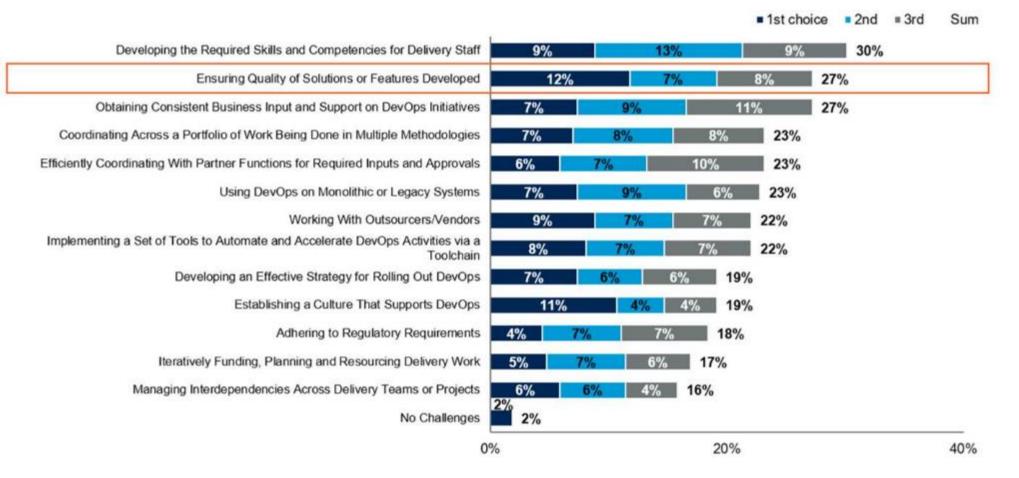
Globalization



**Empowered customers** 



## Top DevOps Adoption Challenges

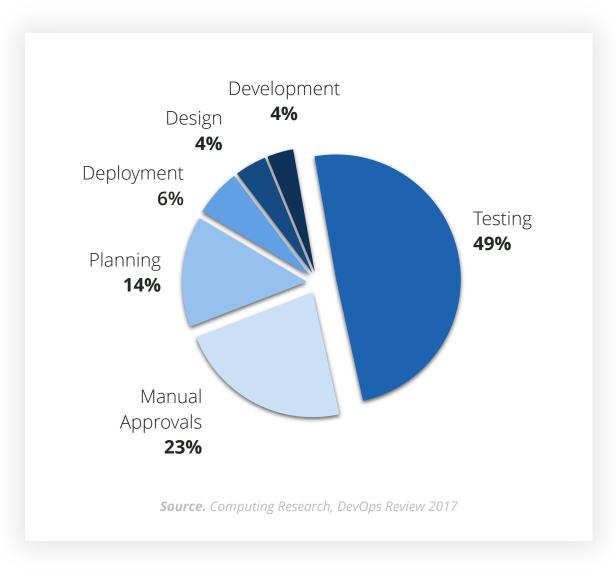


Base: All respondents, Excluding Unsure; n = 272 Source: Gartner (December 2018) Q: What are the top challenges your organization encountered during adoption of DevOps? Summary of Top3 Ranks (1-3) ID: 383495

# How many of you think that Testing and QA is among the top 3 impediments for DevOps adoption?



## What Impedes the Delivery of Innovative Software?



## What percentage of the overall IT budget is allocated to QA and testing?

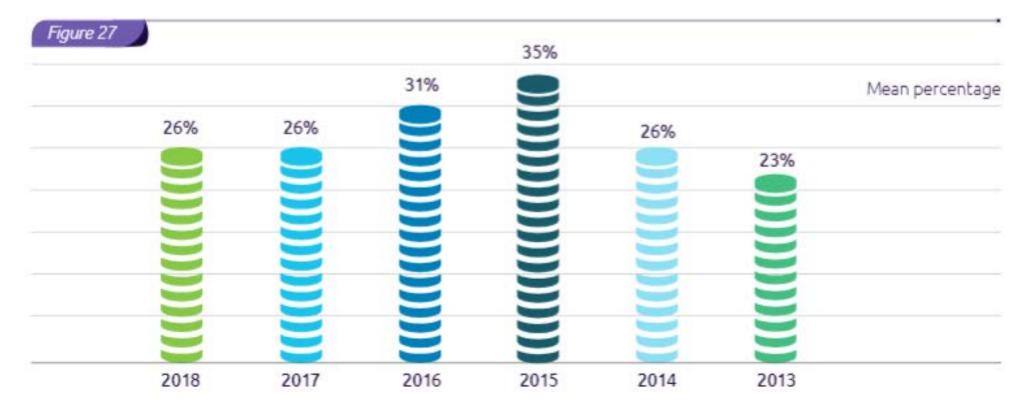
A) Up to 30%

B) 30-40%

C) More than 40%

## Total Budget Allocated to QA

Proportion of total IT budget allocated to QA and testing (including testing processes, tools, and resource costs)



Source: World Quality Report 2019





## "QA still lives in the Stone Age of Software Development"

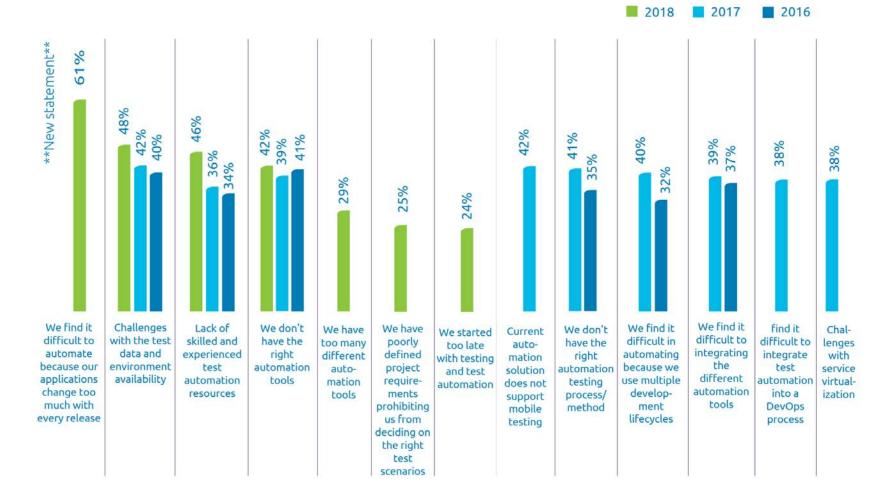
\*Jori Ramakers, Passionate Neanderthal

Most activities today are still highly manual



## **Top Challenges for Testing**

#### "We find it difficult to automate because our applications change too much with every release"



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Source: World Quality Report 2019

Speed Is the New Currency

Business agility requires **Speed** 

But Speed cannot come at the cost of **Quality** 

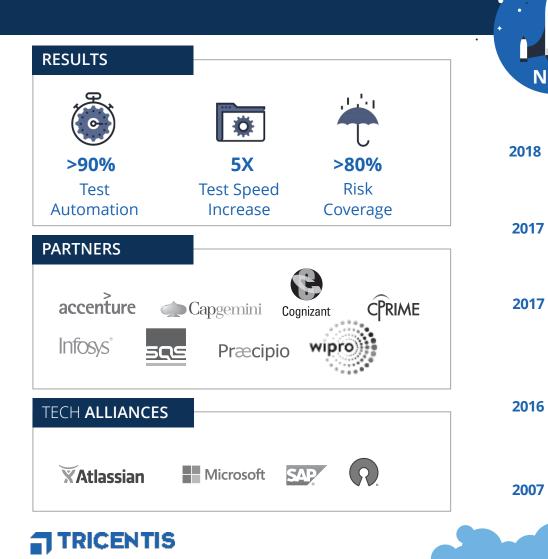
Therefore, to increase Business Agility, we NEED Continuous Quality

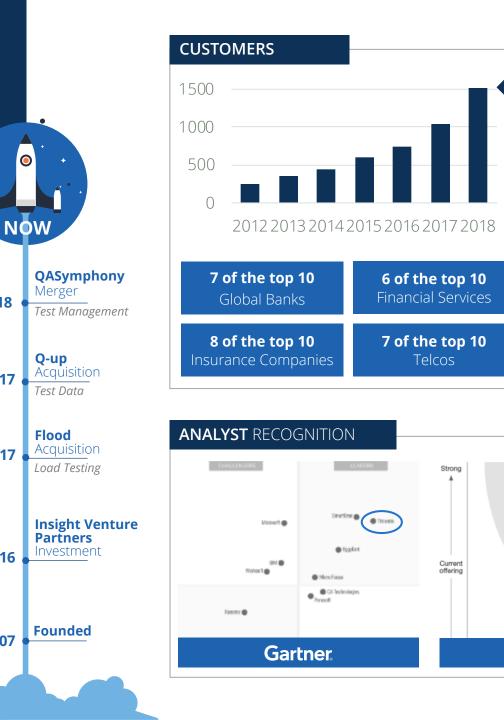
## Continuous Quality can only be achieved through Continuous Testing



## TRICENTIS

The continuous testing market leader with agile test management and advanced test automation optimized to support over **150+ technologies** 





Greater than

1,500

Customers World Wide

4 of the top 10

Energy/Utilities

7 of the top 10

**Global Services** 

Parasoft ( •

• Micro Focus

Microsoft •

Hewlett Packard Enterprise

LogiGear ·

Original Software

Forrester<sup>®</sup>

TestPlant - - - SmartB

Conformiq

## Customer Experience Departments





- Business Value Roadmap
- Transformation Workshops
- Business Case Calculations
- CX End-to-End Customer Lifecycle experience

Consulting Services



- Installation Guidance
- Resource Enablement
- Classroom Trainings
- Integration
- Migration
- Customization
- Best Practices
- Strategy Consulting

Academy & Education



- Online Trainings & Certifications
- Massive Open Online Courses (MOOCs)
- YouTube Content with Tips & Tricks
- Definition of Career Paths





- Guide Partners Through Education Offerings
- Provide Advanced Content & Best Practices
- Support with Resource Planning & Project Readiness
- Closing the Gap Between Product Education & Project Experience



Customer



- Single Point of Contact
- Onboarding
- Success
  Workshops
- Connection with Other Customers
- Roadmap & Product Feedback Sessions
- Maturity Assessments

#### Support Services



- Main Contact for Product-related Issues
- Incident & License Management
- Troubleshooting, Diagnosis & Resolution
- Enhancement Requests
- Upgrades & Updates

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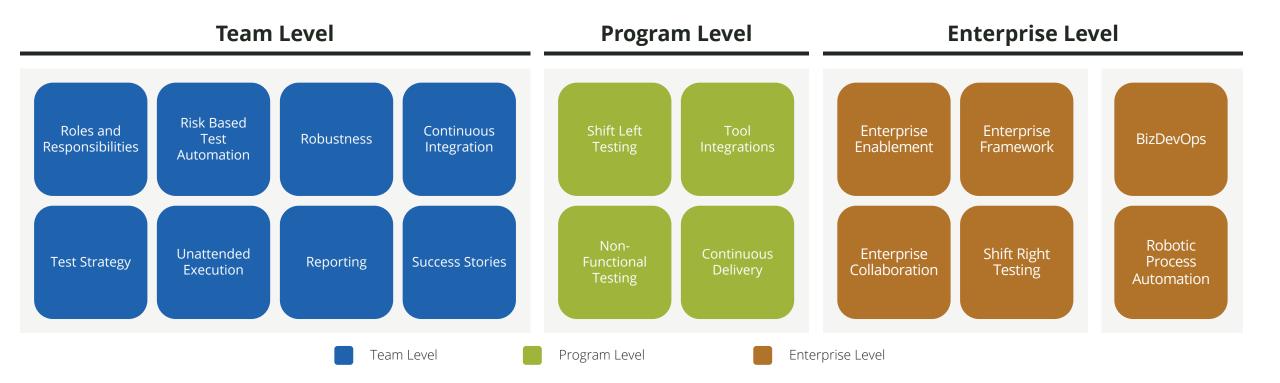


#### **Continuous Testing Framework**

Capability Model – Process Model – Implementation Pattern

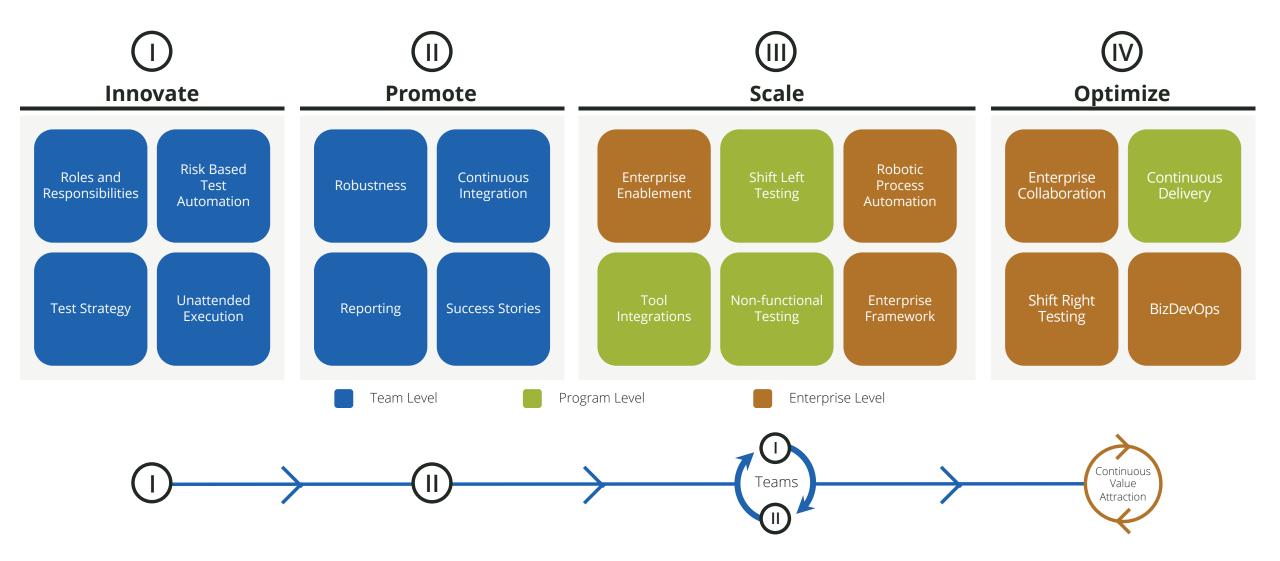


## **Continuous Testing Capability Model**



These capabilities are the **ingredients** to a successful Continuous Testing Transformation

## **Continuous Testing Process Model**

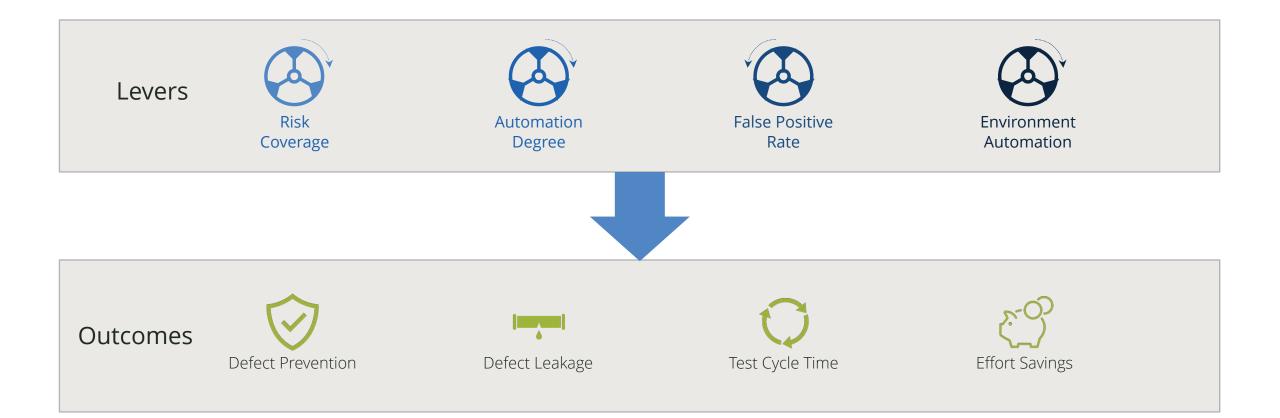




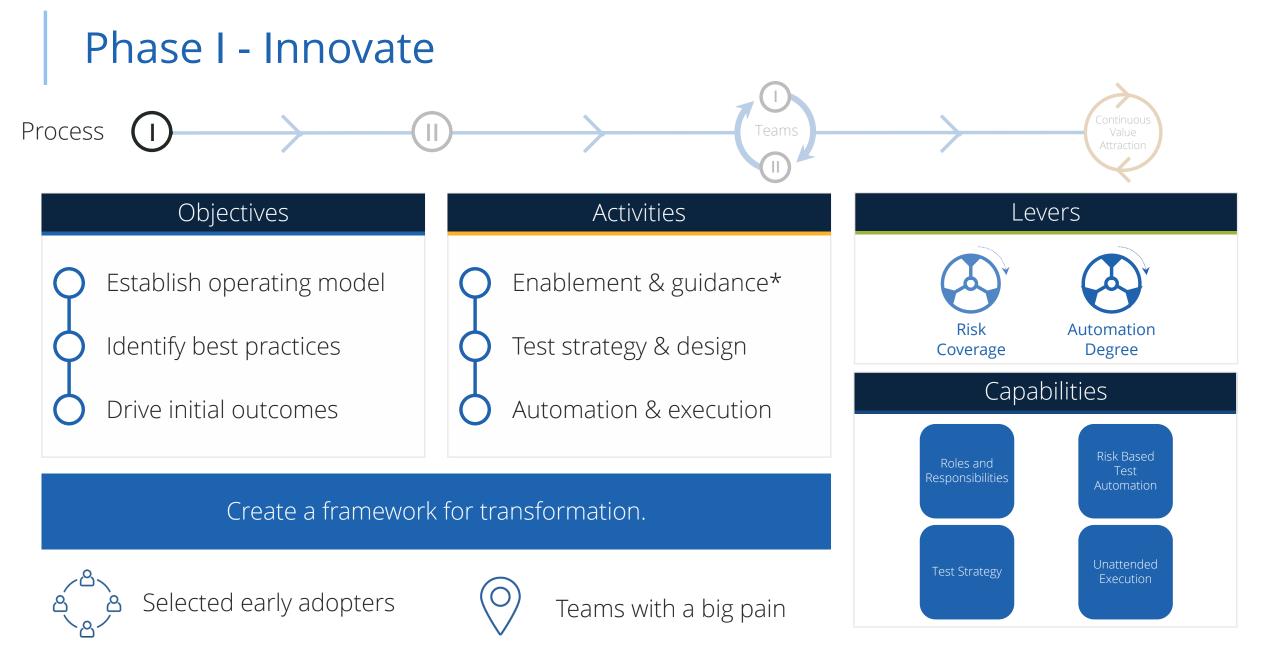




## ...influence four key outcomes



These levers and outcomes are influenced in a four phased lean Testing Transformation



Established Operating Model Increased Defect Prevention & Reduced Defect Leakage Decreased Test Cycle Time



Increased Test Design effort Increased Test Maintenance effort Increased Test Analysis effort

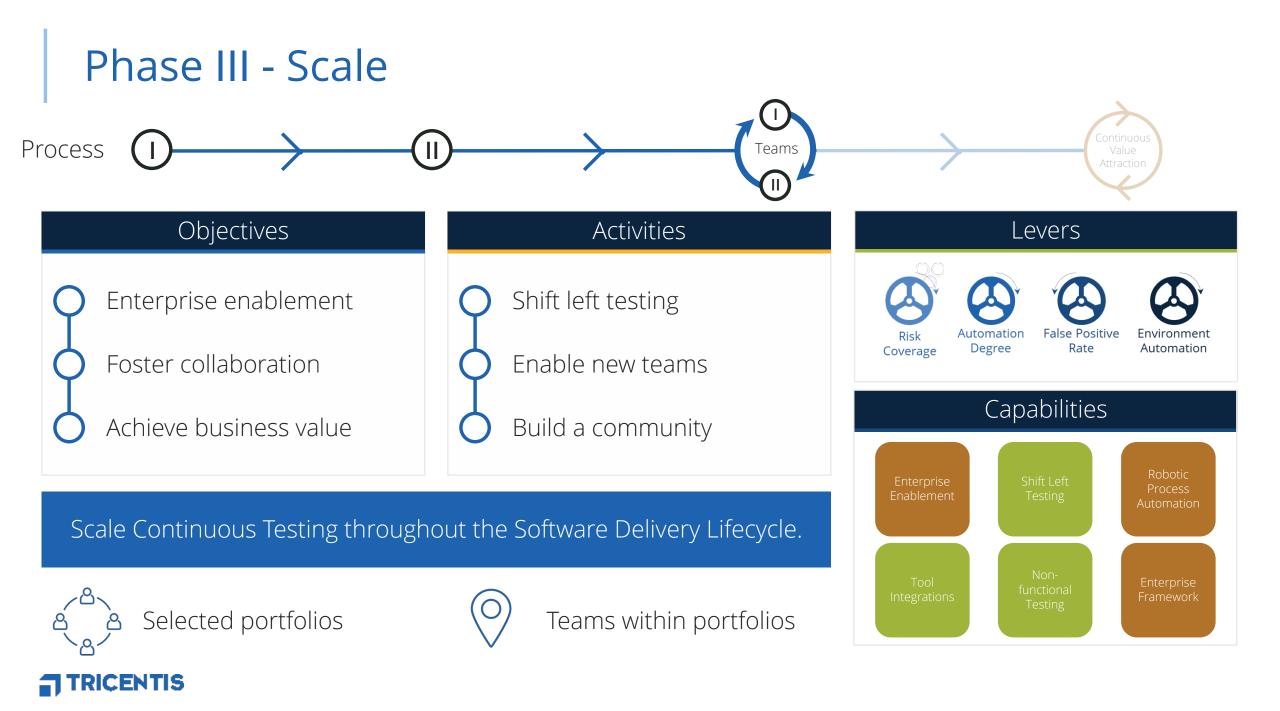




Continuous Testing at team level Created first success stories Greater buy-in from leadership



Only tactical benefits realized Overall Testing effectiveness and efficiency not optimized

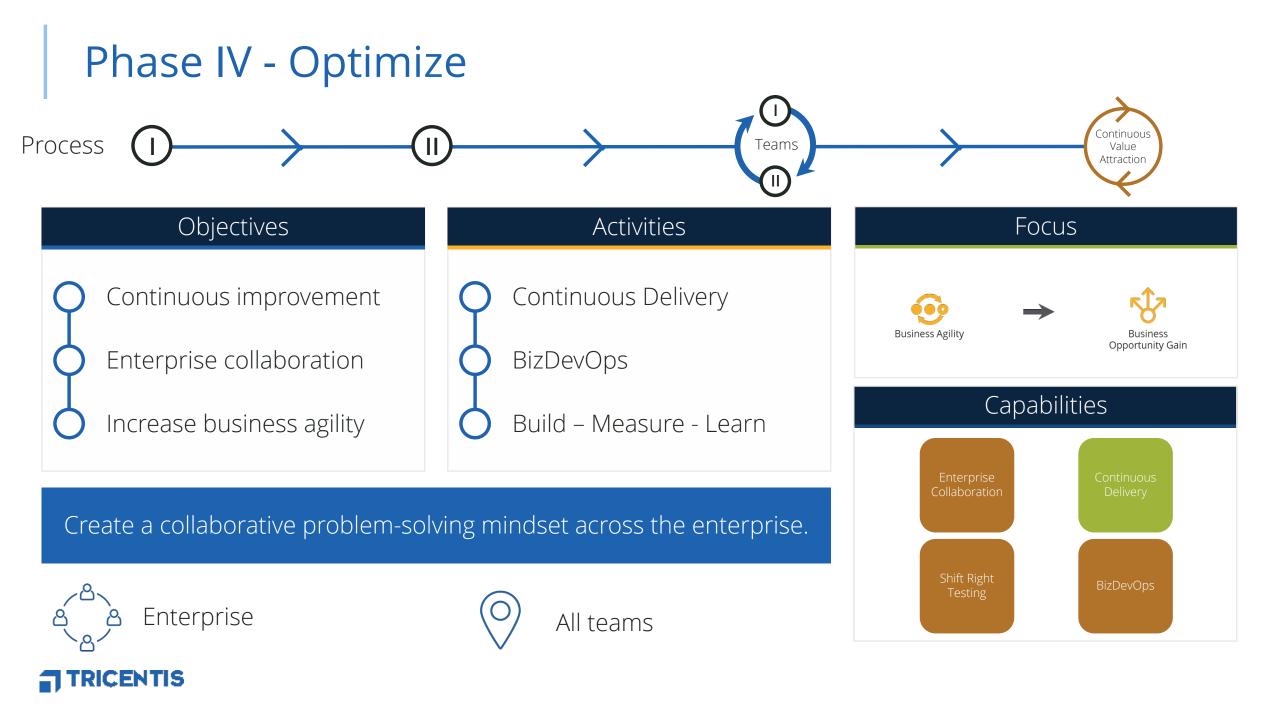


E2E visibility in SDLC Real business impact starts to show Greater business agility



Not the full enterprise is optimized



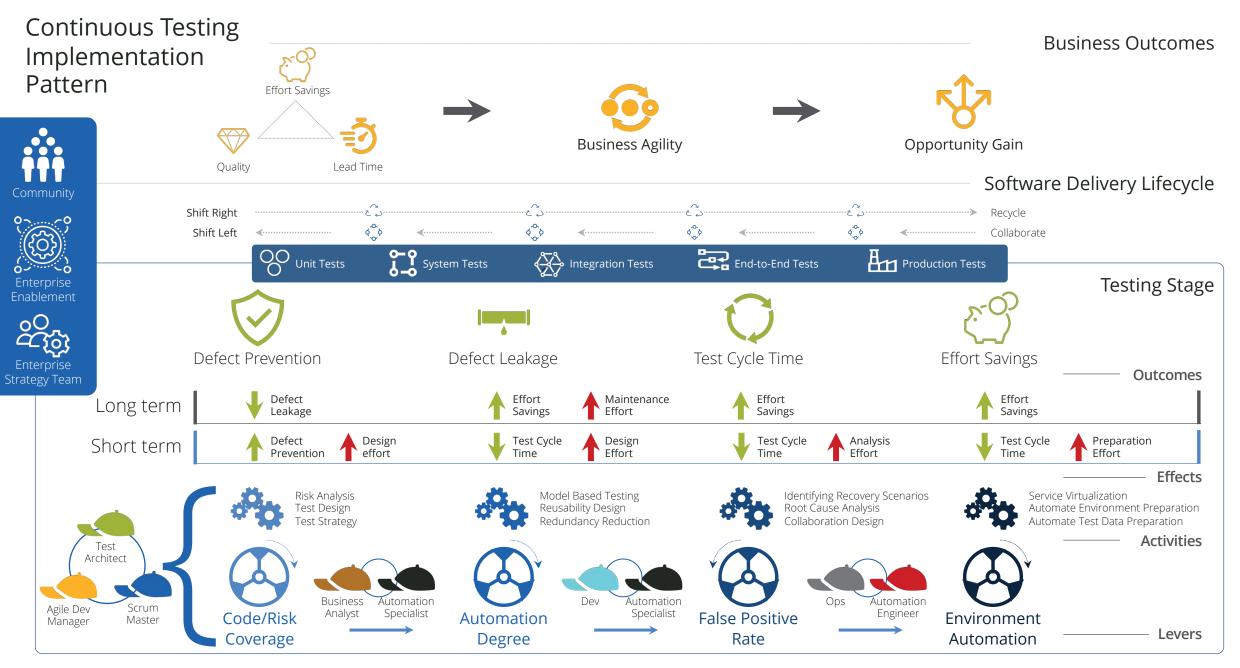




Holistic uplift of business outcomes through accelerated innovation and business agility

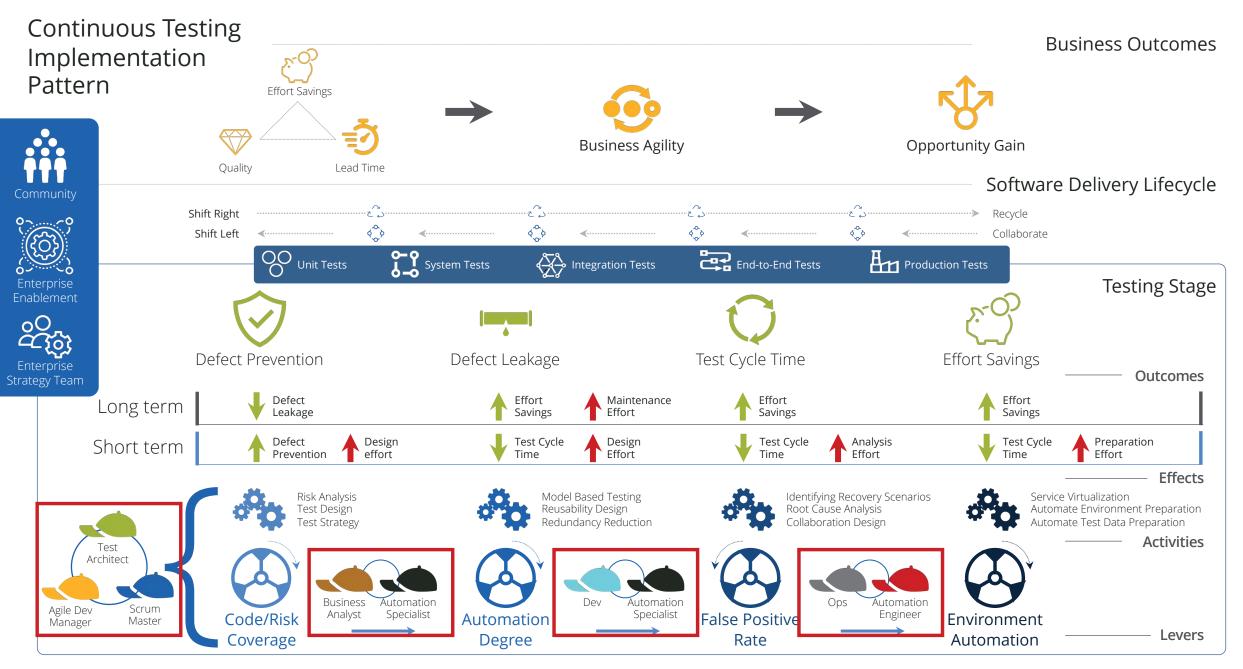
Serious gains in employee experience





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## **Continuous Testing Hats**



#### Agile Dev Manager

**Responsibilities:** Team enabler – removes roadblocks so the team can excel – also fosters collaboration **Competencies:** Familiar with Continuous Testing practices



#### Scrum Master

**Responsibilities:** Lead respective teams, overseeing delivery & Test Strategy within teams **Competencies:** Familiar with Continuous Testing practices



#### Automation Specialist

**Responsibilities:** Design, Automation, Execution and Analysis of Tests **Competencies:** System/Process SME, Strong QA background



#### Automation Engineer

**Responsibilities:** Overcomes technical automation challenges **Competencies:** Technical background, coding knowledge, problem solver



#### Test Architect

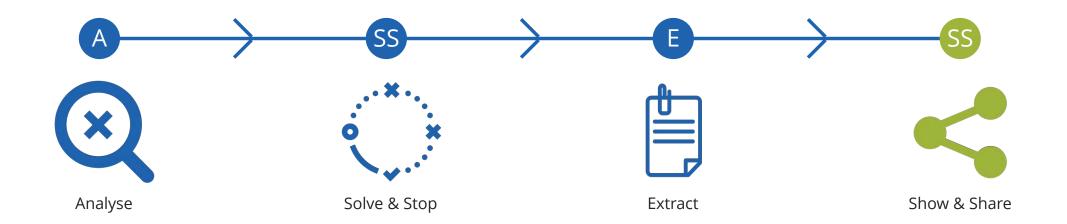
**Responsibilities:** Oversees implementation, provides coaching and guidance, achievement of objectives **Competencies:** Enabler and coach, broad Continuous Testing experience, Technical Background pre



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## **ASSESS Your False Positives**

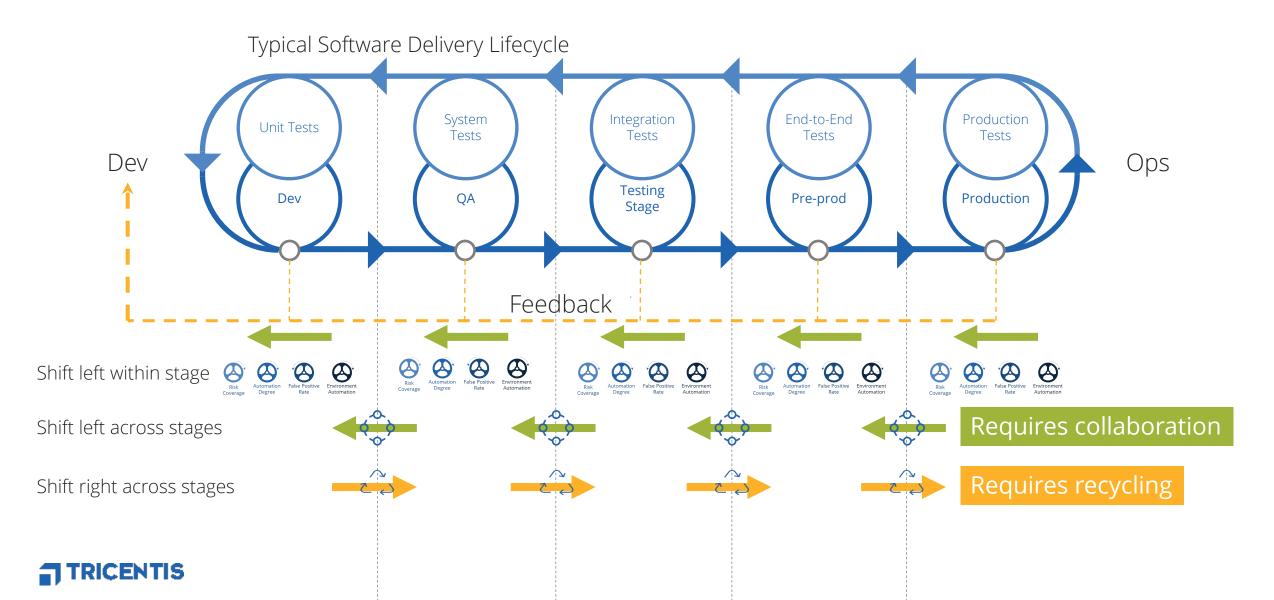




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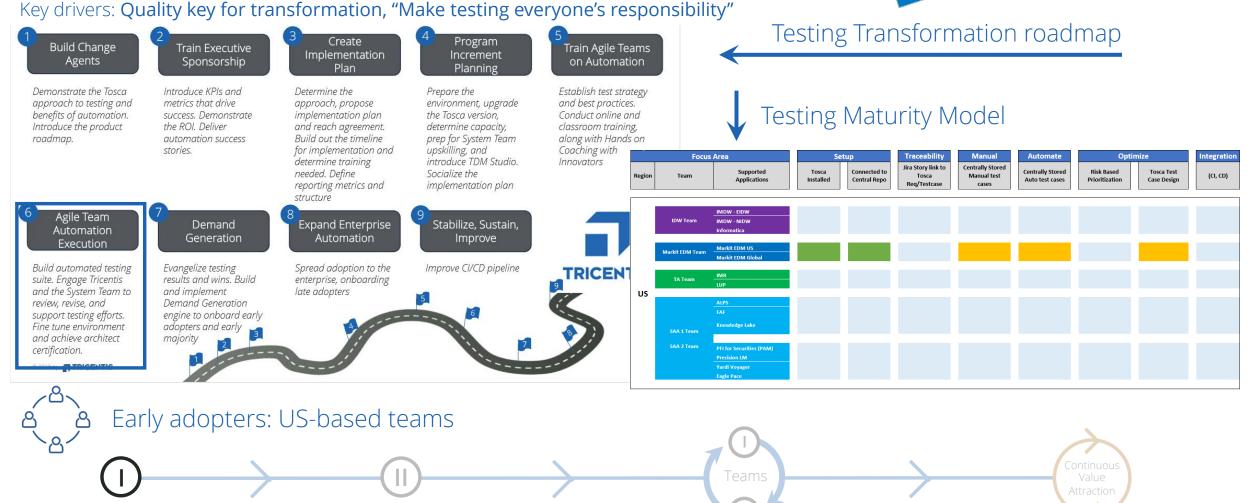
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## Shorten the Feedback Loop



## Customer Example: Aegon

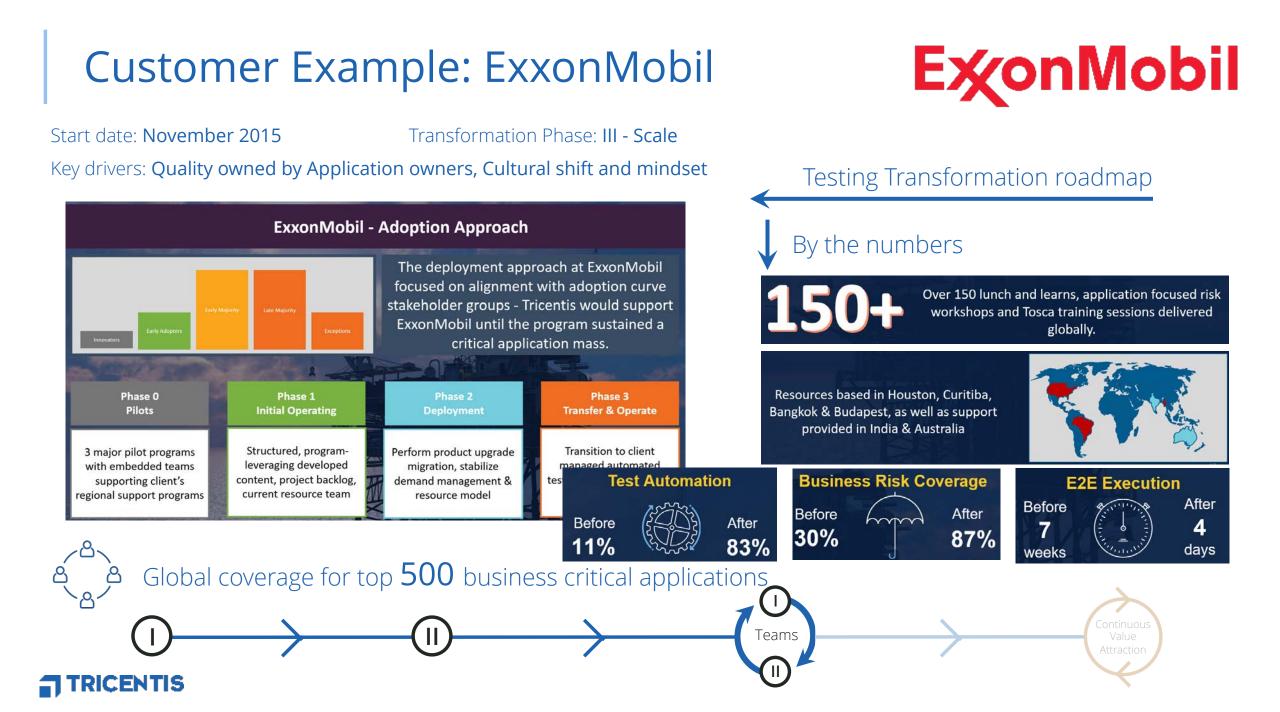
EGON



Transformation Phase: I - Innovate

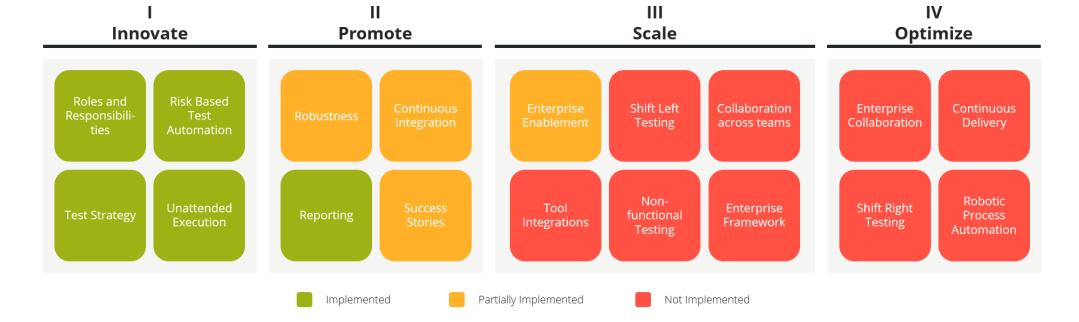
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Start date: February 2019



#### 

#### Assess your organization now through our online assessment!



Elements of Continuous Testing

## **Continuous Testing Maturity Assessment**

#### CONTINUOUS TESTING PLAYBOOK

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#### Exclusive release for Agile Australia 2019

Continuous Testing Playbook



Continuous Testing Maturity Assessment



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