



Cybersecurity Summit 2018

Building an AppSec Practice in a Fast-moving Environment: The Power of On-premises and as a Service

Panel Facilitator: Stan Wisseman

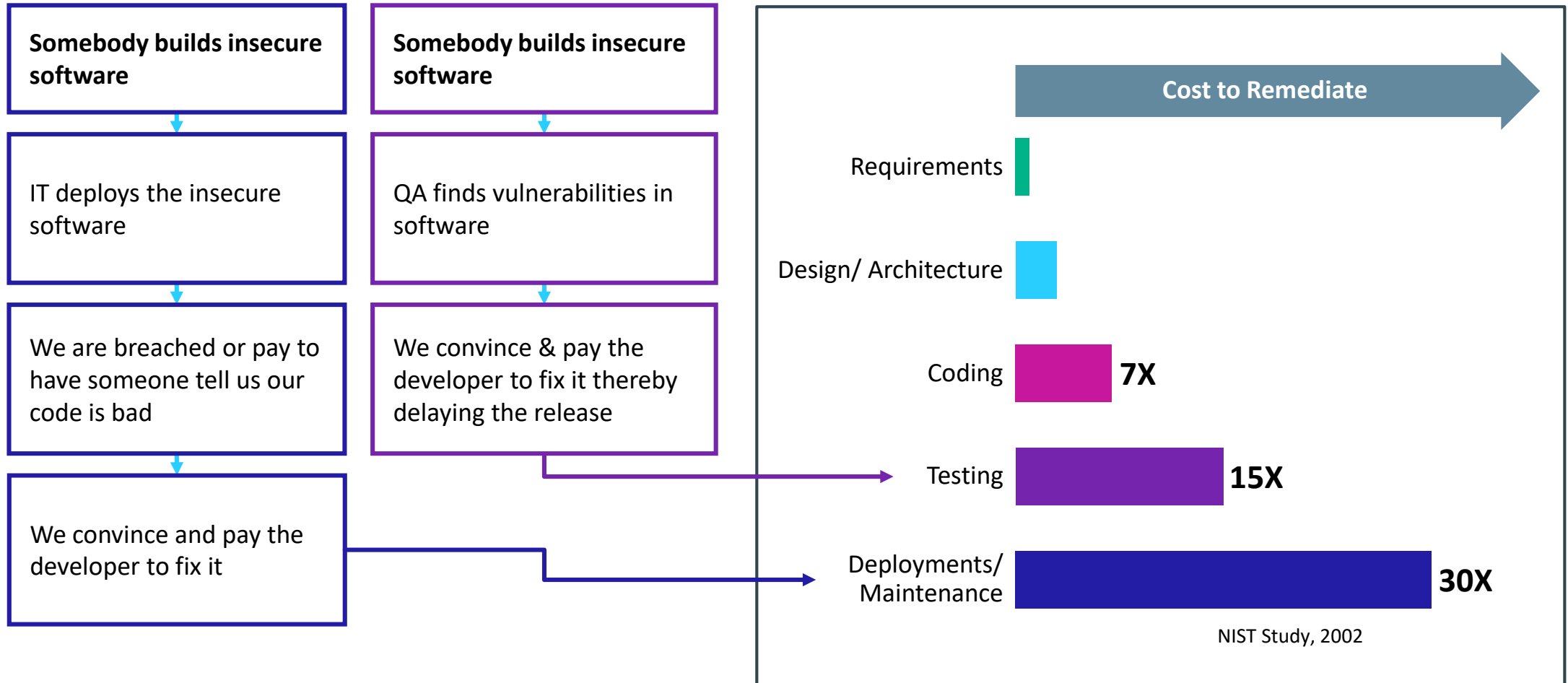
Panelists: Troy Bowen, Verizon

Steve Pettit, Verizon

Michael Gutsche, Micro Focus

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A Reactive Approach to AppSec is Inefficient and Expensive



Goals and Benefits of an Application Security Program

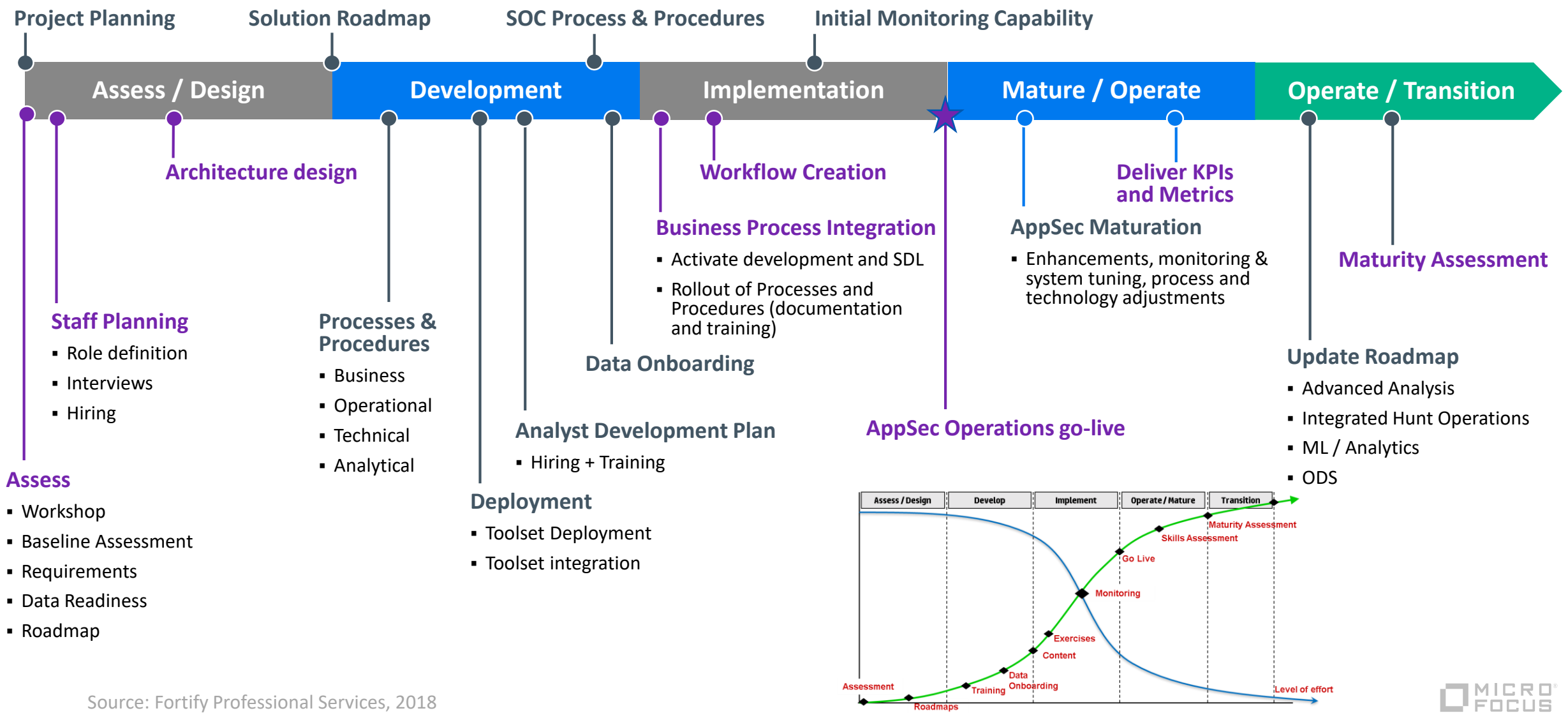
The mitigation of application security risks is not a one time exercise; rather it is an ongoing activity that requires paying close attention to emerging threats and planning ahead for the deployment of new security measures to mitigate these new threats. This includes the planning for the adoption of new application security activities, processes, controls and training.

Source: "Application Security Guide for CISOs," OWASP, 2013

A successful applications security program needs to:

- Map security priorities to business priorities
- Assess the current state and target state using a security program maturity model
- And seamlessly integrate into development processes

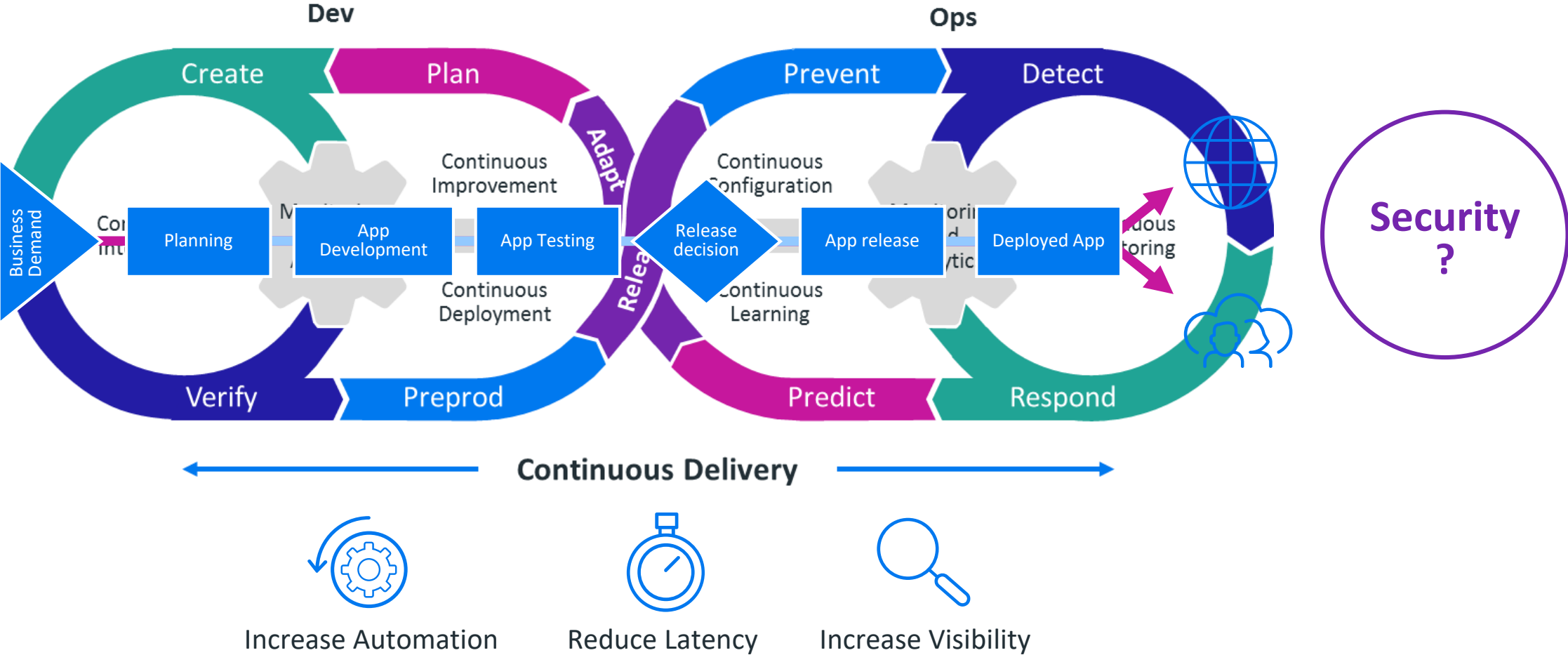
Building an AppSec Program – Major Milestones



Source: Fortify Professional Services, 2018

Companies are Adopting DevOps for Rapid Development

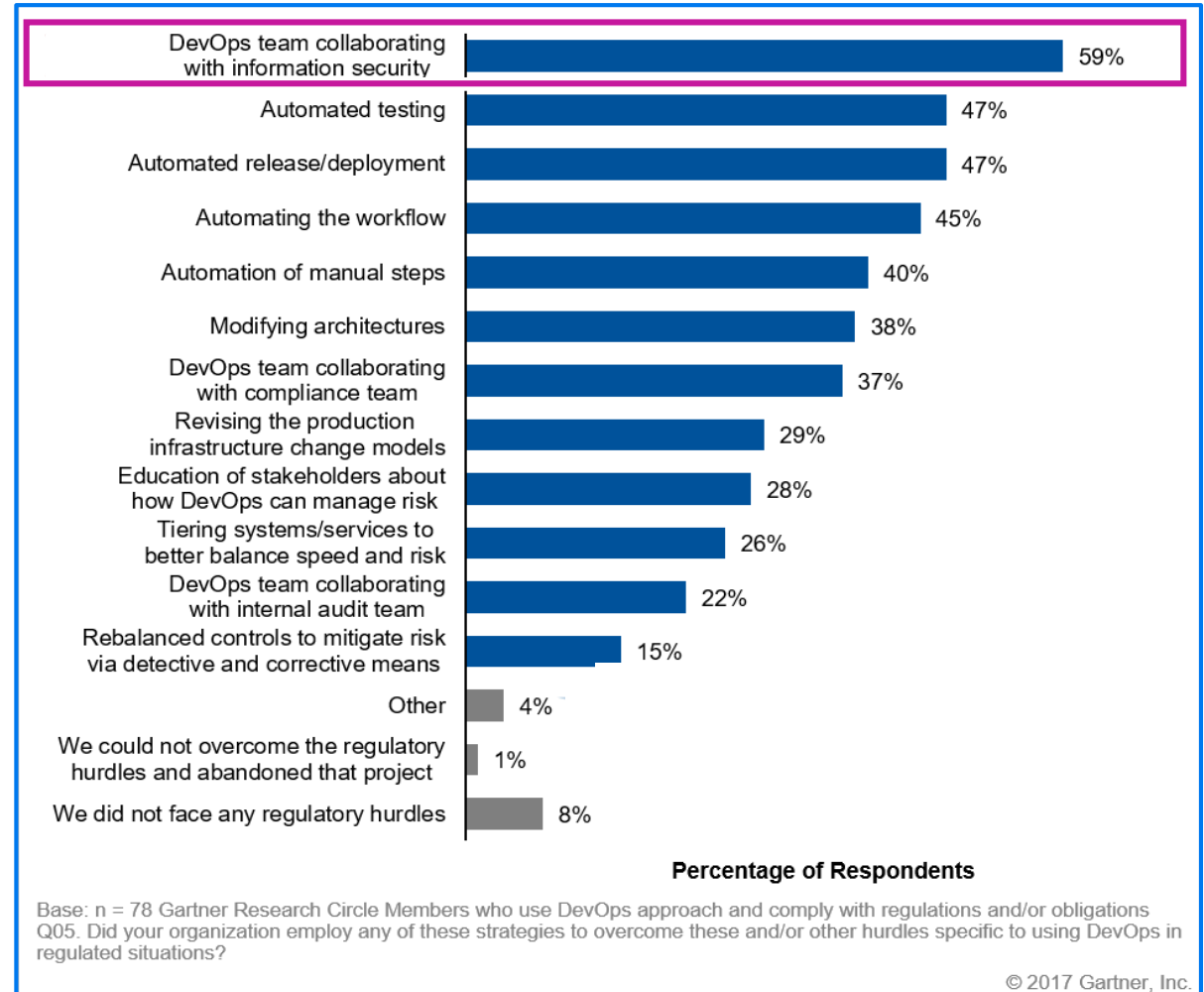
... but security is often outside of the process



DevOps Teams Starting to Recognize the Importance of Integrating Security

Collaborating with security ranked as the most important strategy for DevOps in regulated industries

But, security teams **can't keep up** as development teams are growing at an **80:1** ratio



Modern Application Security Programs Need to Adapt

Mobile Apps

Software Supply Chain

New languages

Internet of Things

Open Source Software Components

Skills

Agility

Micro services
and containers

Bimodal IT

Continuous Integration

Cloud

Automation

DevOps

More robust and dynamic apps

Continuous Development



Panel

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Thank You.



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