ICION 6TH CONFERENCE 2018
Securing Your Shift to DevOps

Software Security Architect
Jeremy Chua
Micro Focus
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Indonesian CIO Network

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Securing your Shift to DevOps - 3 Practices to Consider

Jeremy Chua, *CISSP, CSSLP, CEH, ECSA*
Software Security Architect
South East Asia

DevOps and Application Security Research

Research Goal and Methodology

| Project Goal	Methodology
• Assess the general habits, practices and tools used by those practicing DevOps • Identify the current state of application security practices within DevOps organizations	• 500+ **quantitative** surveys • Developer and IT Ops **qualitative** surveys • **Qualitative** interviews with security practitioners and executives

Defining Characteristic of DevOps

Similar to "the cloud" a few years ago, DevOps is somewhat of a buzzword that is seen as the next big thing, but most enterprises do not know exactly what it means to their organization
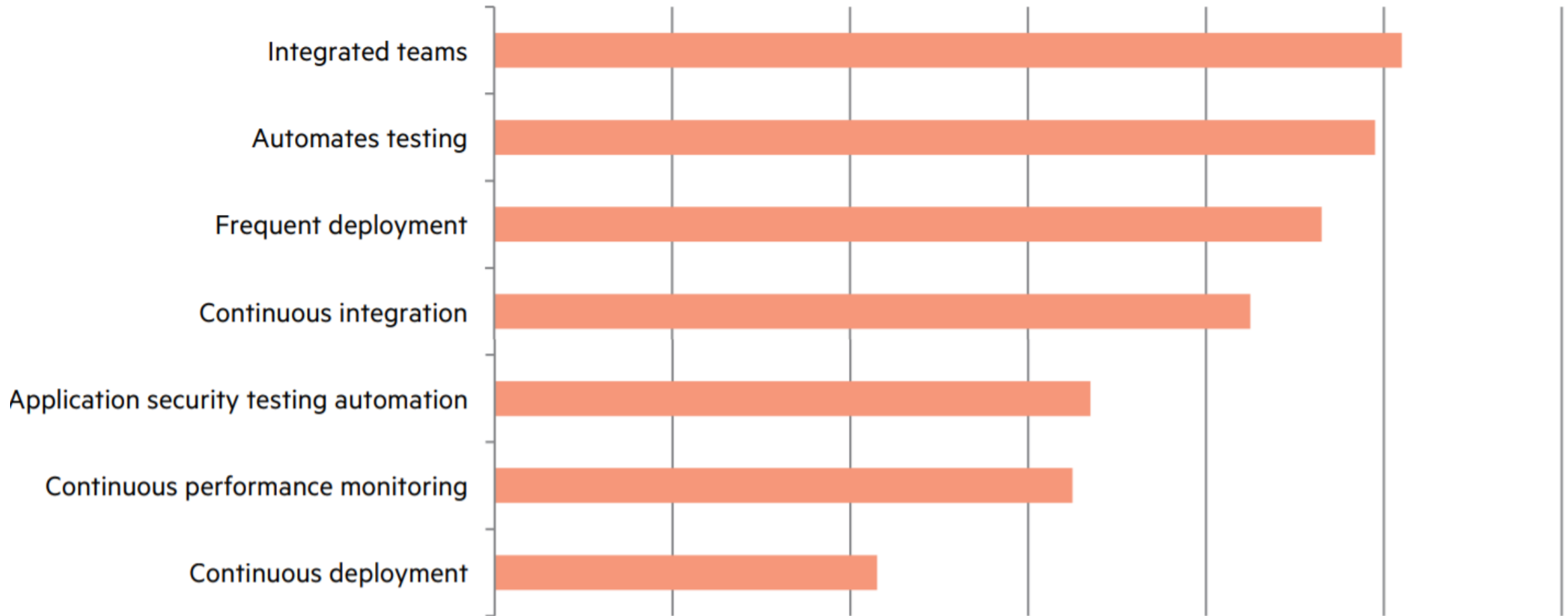
Application Security and the new SDLC
Application security is not being integrated into DevOps processes
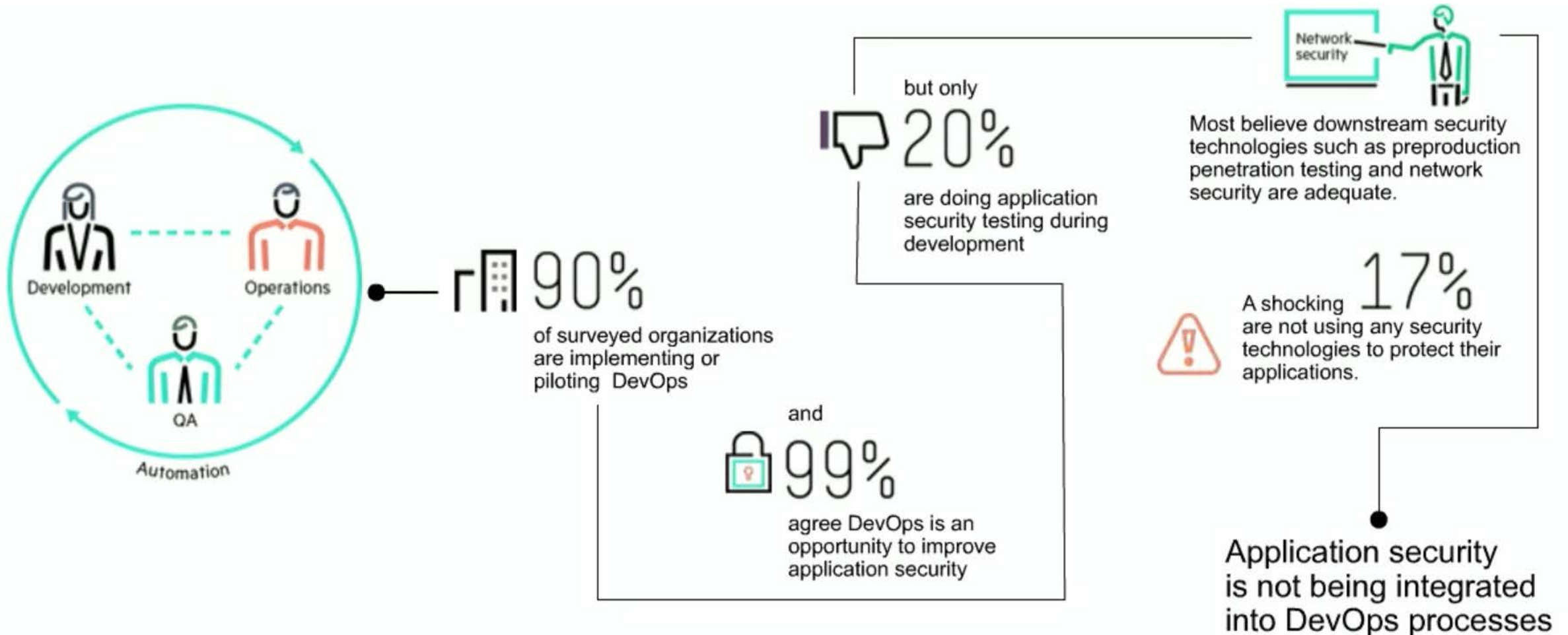
Identifying the Gaps

1,500	30x more	0
# of apps per enterprise	deployments per app/year	of Top 10 CS programs require security class
80 to 1	<15%	100%
Developer to App Sec people ratio	CISOs worked as developers	Cite integration as a key requirement to success

How to Bridge the Gaps - THREE Practices to Consider

1

Make Application Security a shared responsibility.
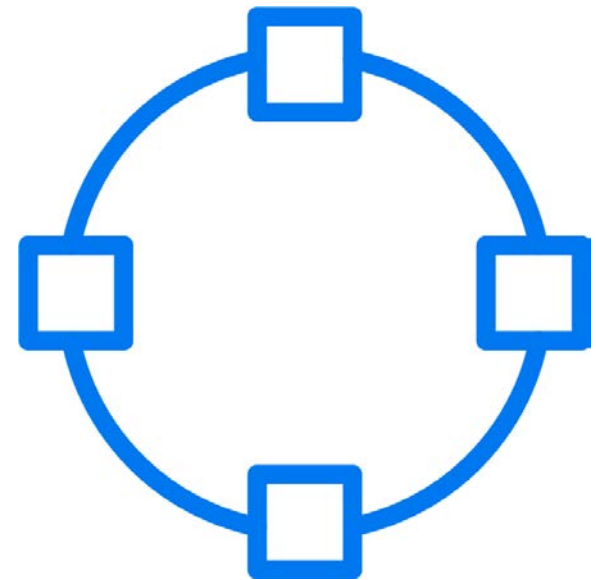
Measure and reward all team members.

②

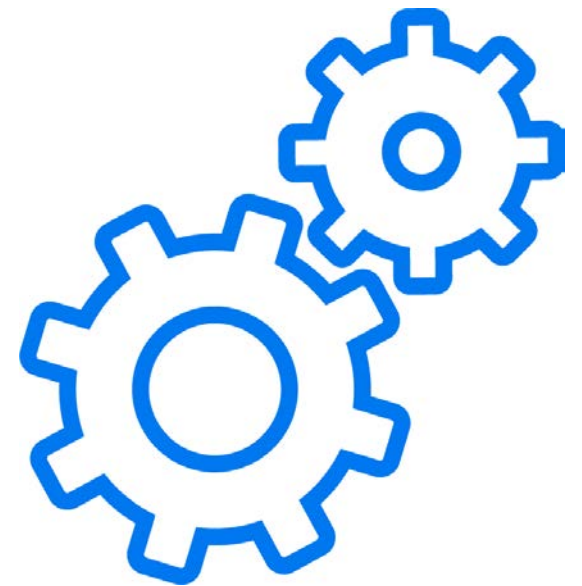**Bridge awareness and training gaps.**

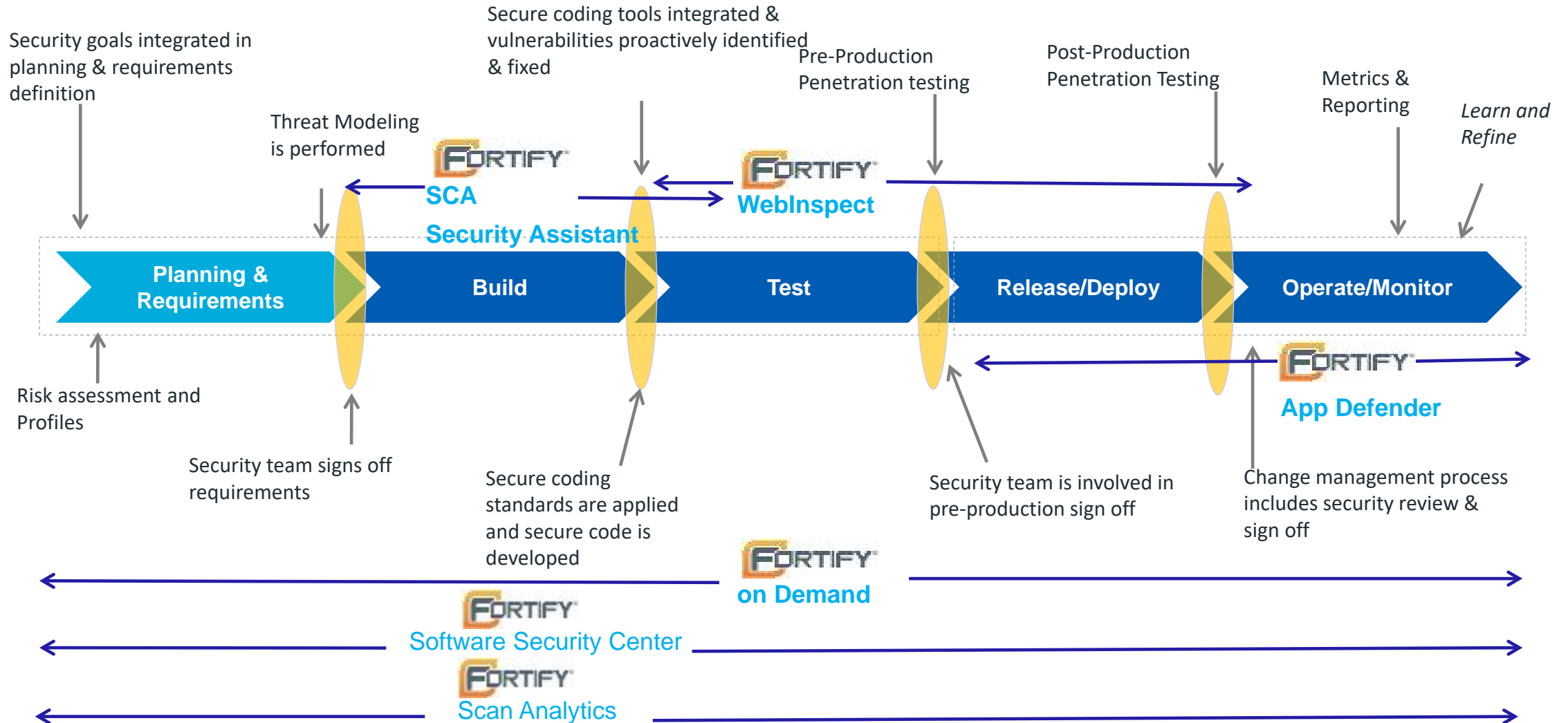**Make it seamless and intuitive for developers to practice secure coding.**

3

Leverage automation and analytics as application security force multipliers.

Fortify Solution

Software Security Assurance throughout the SDLC

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Thank you!

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See you in ICION 7th Conference in Bali, 2019 March

- Ping to VANNIE VIA Vannie@advancedtechpac.com for more info