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Converged Security - Protect your Digital Enterprise

May 24, 2016

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**Hewlett Packard
Enterprise**



Hosted By



Richard Bishop
Vivit Board

United Kingdom Chapter Leader
HPE Software Education SIG Leader



Today's Speakers



Gerben Verstraete
Chief Technologist Software Services
Hewlett Packard Enterprise
Gerben Verstraete
@GerbenVerstraet



Guest Speaker John Kindervag
Vice President/ Principal Analyst
Forrester
John Kindervag
@Kindervag



Housekeeping

- This “LIVE” session is being recorded
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Questions





Hewlett Packard
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Converged Security - protect your digital enterprise

HPE Software Services

Gerben Verstraete (HPE Software Services) with guest speaker
John Kindervag (Forrester)

Polling question #1

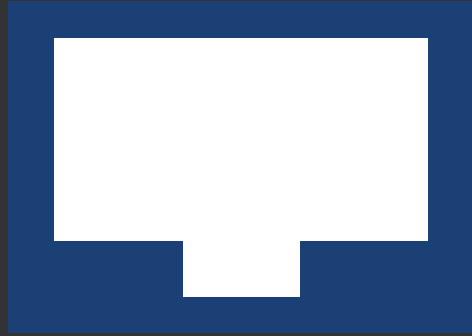
What is your current role?

1. IT Operations
2. Security Operations
3. Application Development
4. External Consultant
5. Other

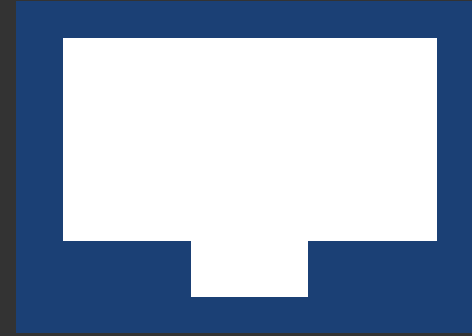
TRUST BUT
VERIFY.



Which one goes to the internet?

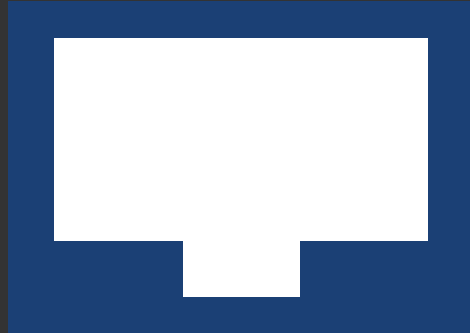


Untrusted



Trusted

Zero Trust



Untrusted



Untrusted

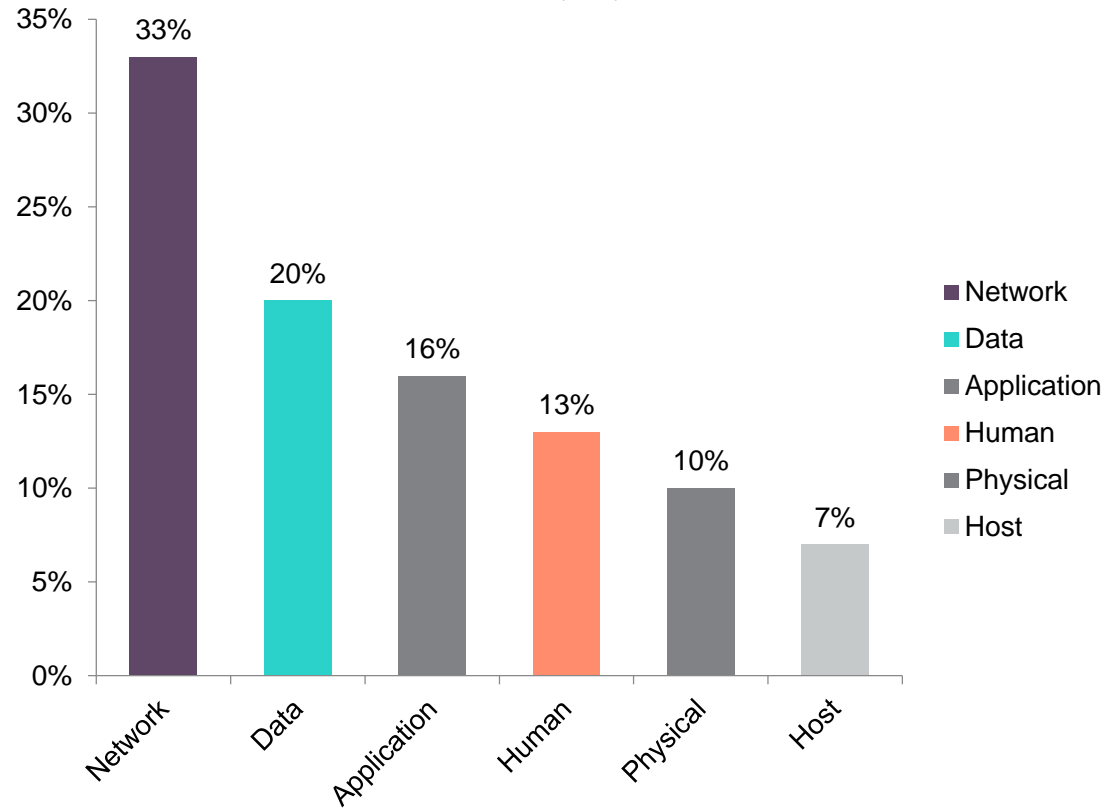
Zero Trust is . . .



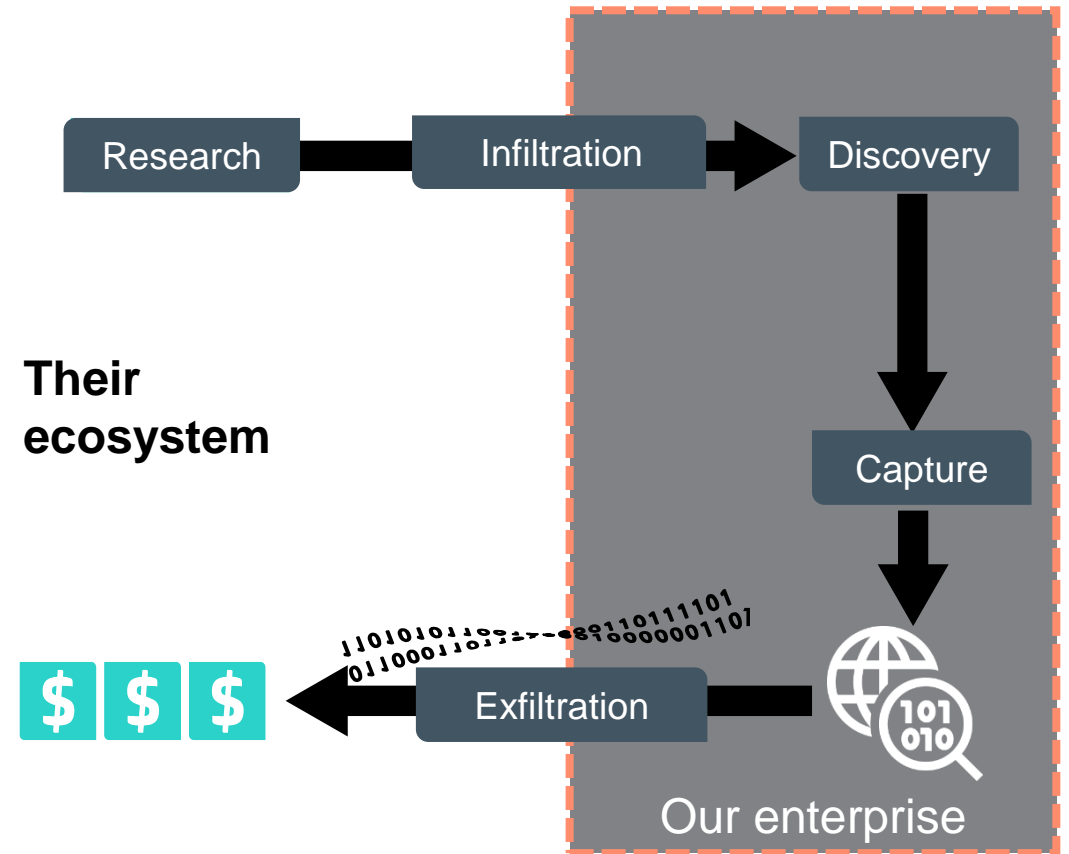
- ▶ A new model of information security that identifies the fundamental problem as a broken trust model where users and traffic inside the network are trusted, and those external to the network are untrusted.

Old school vs. new school

Budgeted or earmarked spending according to six IT security layers



> 50%



Ignoring applications

57%

of IT leaders test less than half of their web applications

Only **32%**

of IT leaders test more than three quarters of web applications

65% of companies

admit application security is often put at risk because of customer demand or need

77% of company

leaders cite rush-to-release pressures as a primary reason why mobile apps contain vulnerable code

Overlaps and gaps

IT Security



We can't automate remediation



We maintain a security configuration DB



We monitor the environment, find issues and fix them



IT Operations



We have automation tools



We maintain an asset configuration DB



We monitor the environment, find issues and fix them



Budget

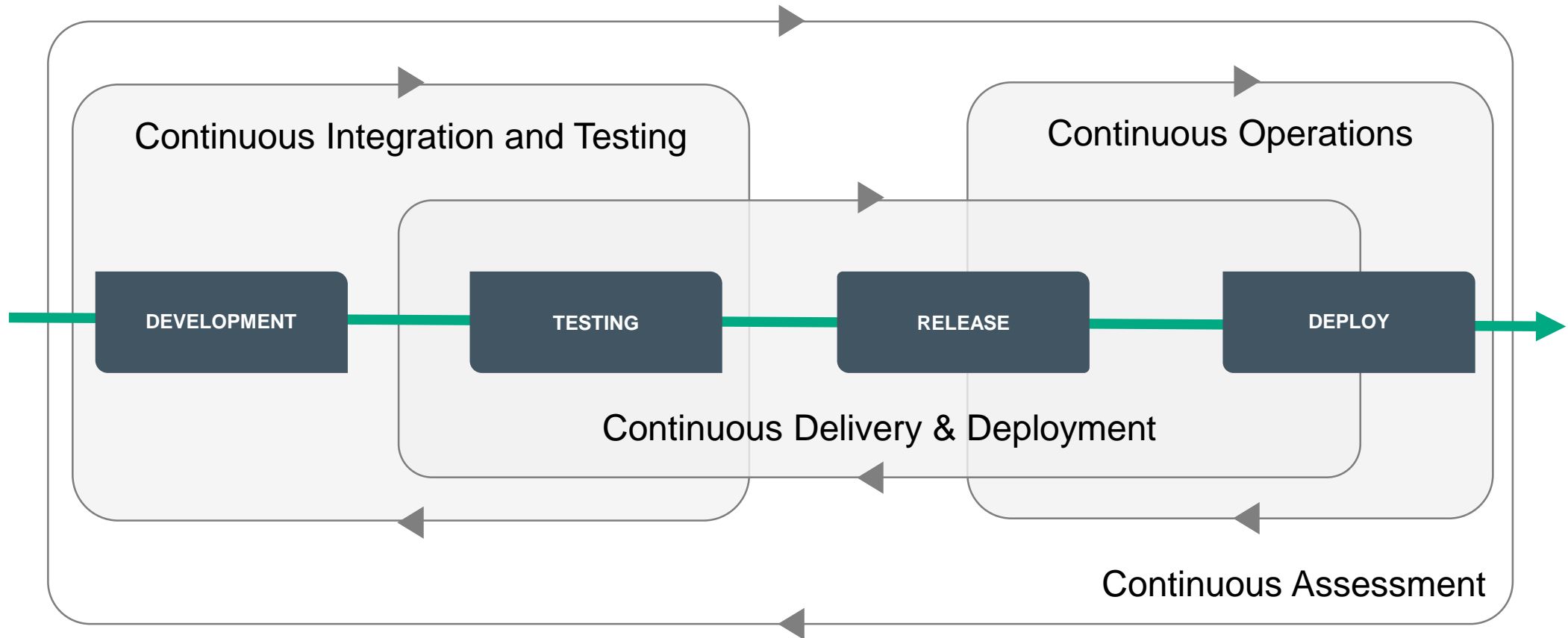
Polling question #2

Which of the below is your top security concern?

1. Securing my applications (secure code, runtime protection)
2. Real time visibility into the compliance state of the IT environment
3. Speed and effort involved in compliance remediation (e.g. patching)
4. Ability to identify and track slow moving threats
5. Lack of coordination between security, operations and applications

DevOps

“Continuous everything”



Converged Security

The art of building bridges

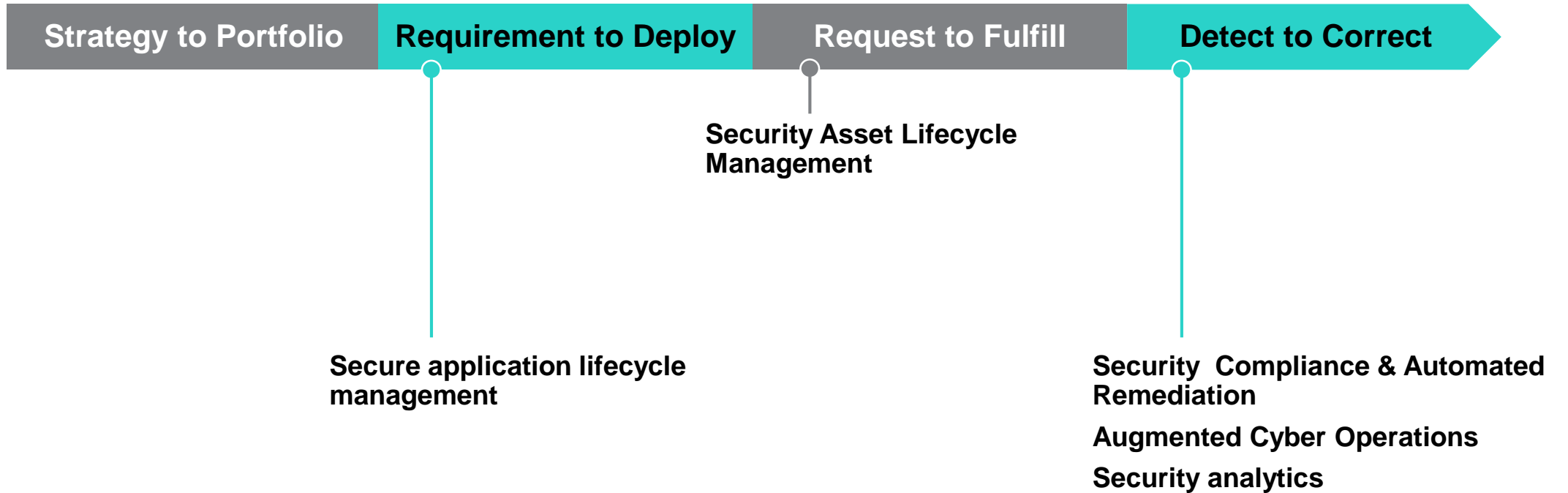


The pillars of Converged Security



Security by design

From overlay to embedded



Polling question #3

From which use case do you see potential benefit (check all that apply)?

Secure application lifecycle management

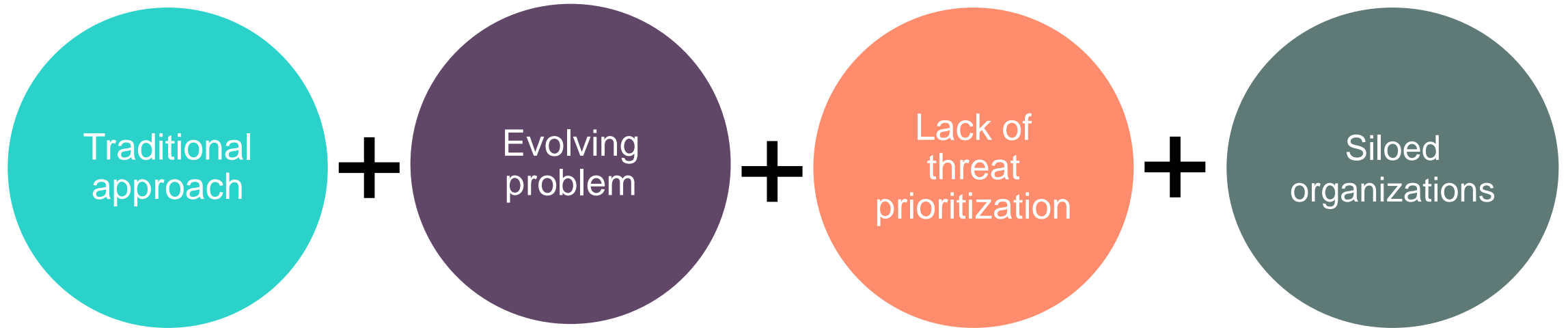
Security compliance & automated remediation

Augmented cyber operations

Security analytics

Security asset lifecycle management

The vulnerable digital enterprise

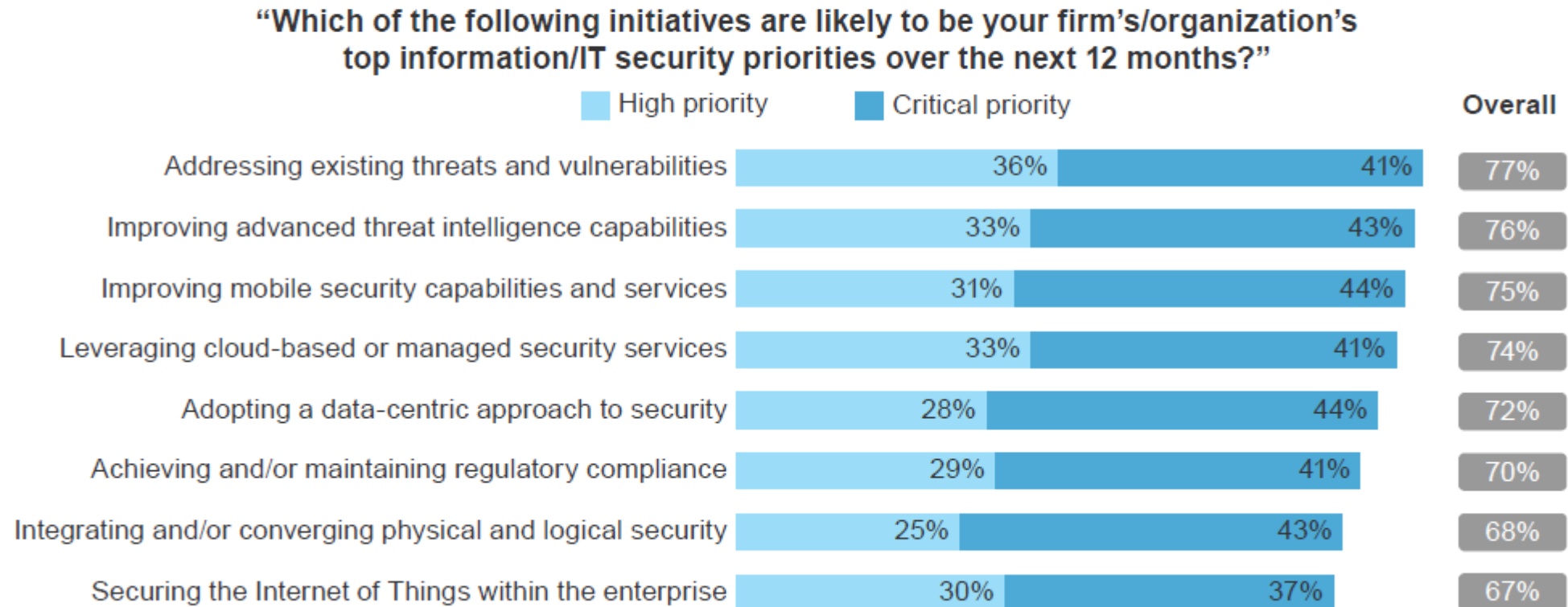


= vulnerable digital enterprise

Do we have the right focus?

FIGURE 1

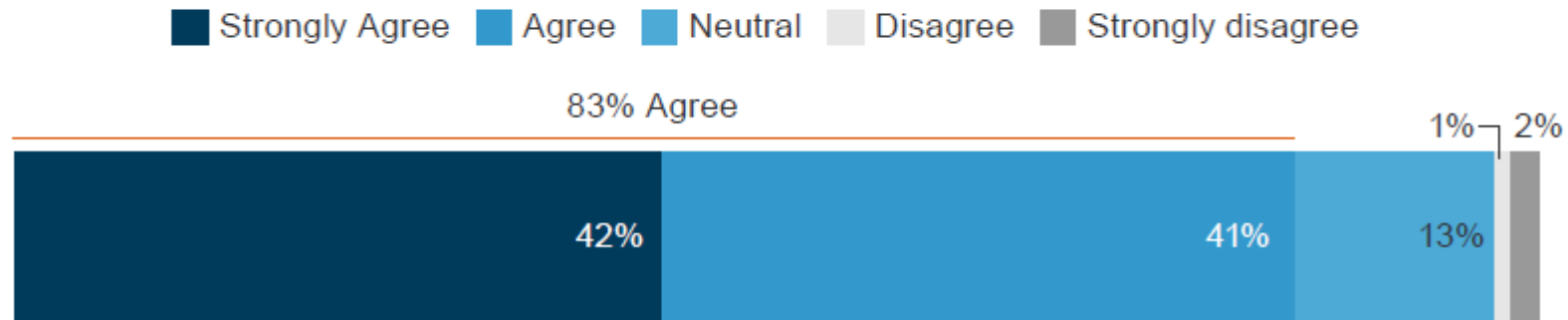
The Majority Of Security Initiatives Are Of Utmost Importance



Enhance, not replace

FIGURE 3
Converged Security Enhances Existing Security

“Converged security is meant to enhance my company’s existing security with specific use cases”



Benefits realized

FIGURE 5
Perceived Benefits Of Converged Security Practices

“Please rate the level of potential benefit of each of the following converged security practices.”

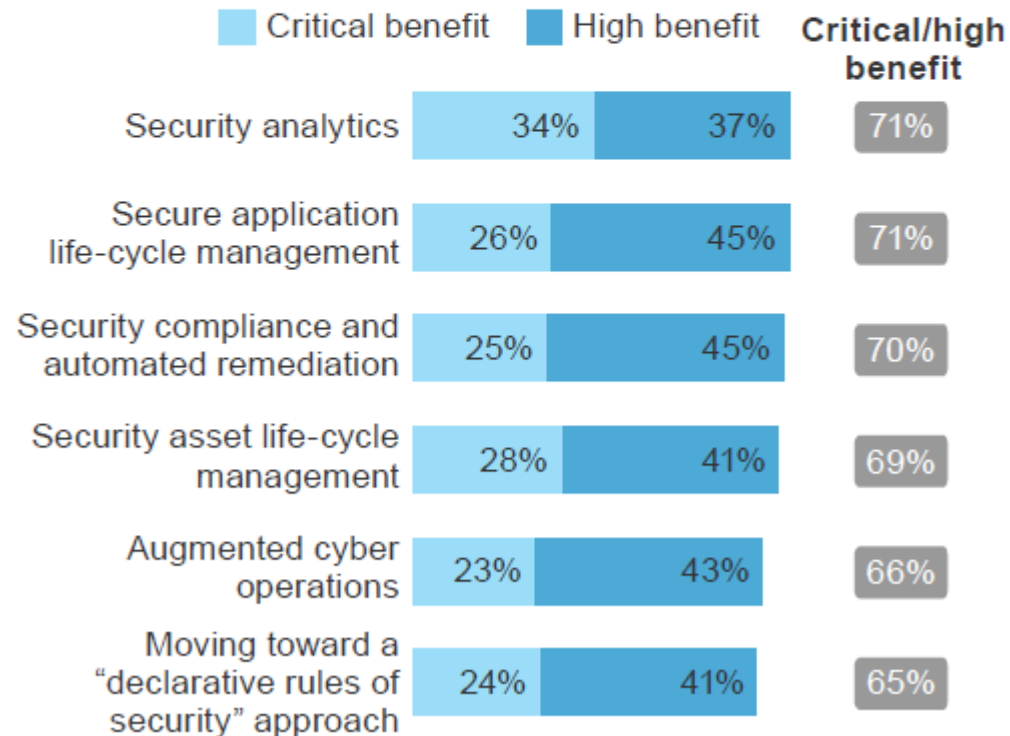
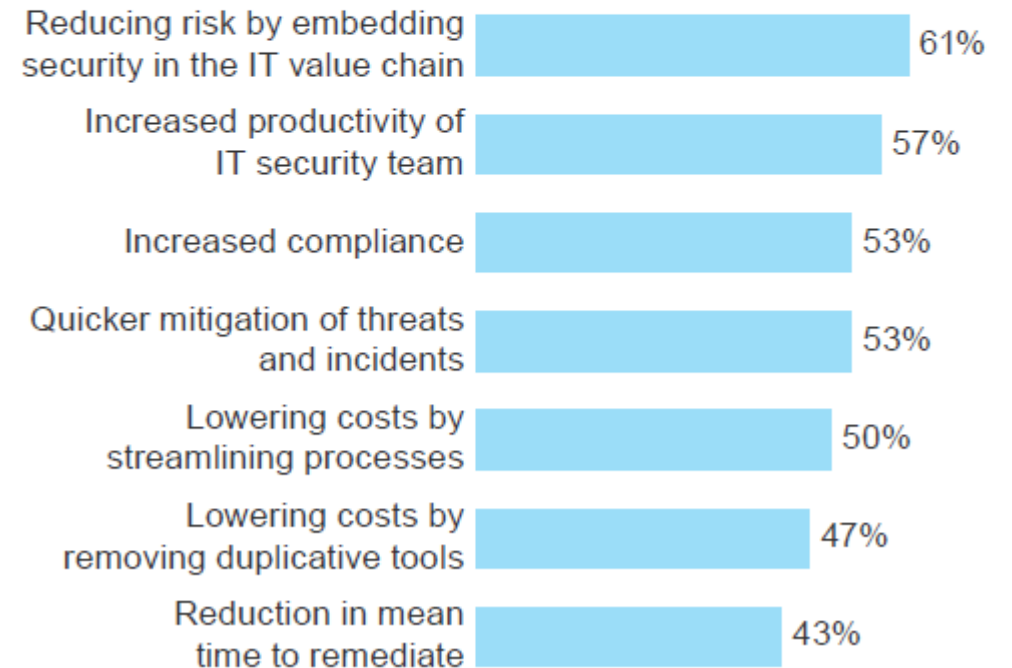


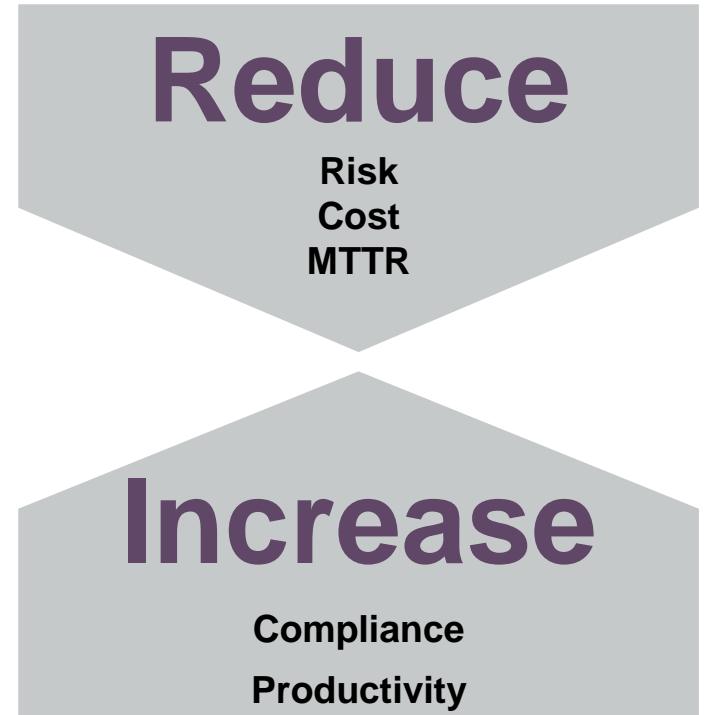
FIGURE 6
Sixty-One Percent See Reduced Risk With Converged Security Practices

“Which of the following benefits have you received as a result of adopting converged security practices?”
(Widespread adoption)



Summary

- 1 Zero Trust Model
- 2 Challenges: silos, old school approach, evolving threats, application neglect, lack of focus
- 3 Converged Security: use case oriented, security-by-design



Find out more

<http://www.hpe.com/software/convergedsecurity>



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