

Hewlett Packard
Enterprise



Cyber Crime 101

What can you do to protect yourself?

\$11.7m

Mean annualized cost of a cyber crime incident¹

1. 2017 study by Accenture & Ponemon Institute

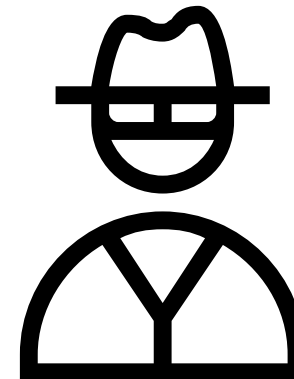
3.8% of IT budget spent on security (down from 4% in 2014)²

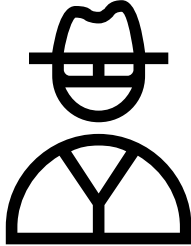
Ransomware Attacks doubled from 2016 to 2017)¹

2. PWC Global state of information security survey report 2015

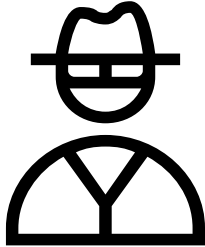
3. 2014 Ponemon report on senior executive response to security

56% of executives say their response to security is reactive not proactive³



 24-48 hours¹

1 Microsoft Corporation 2014 Mitigating Pass-the-Hash and Other Credential Theft

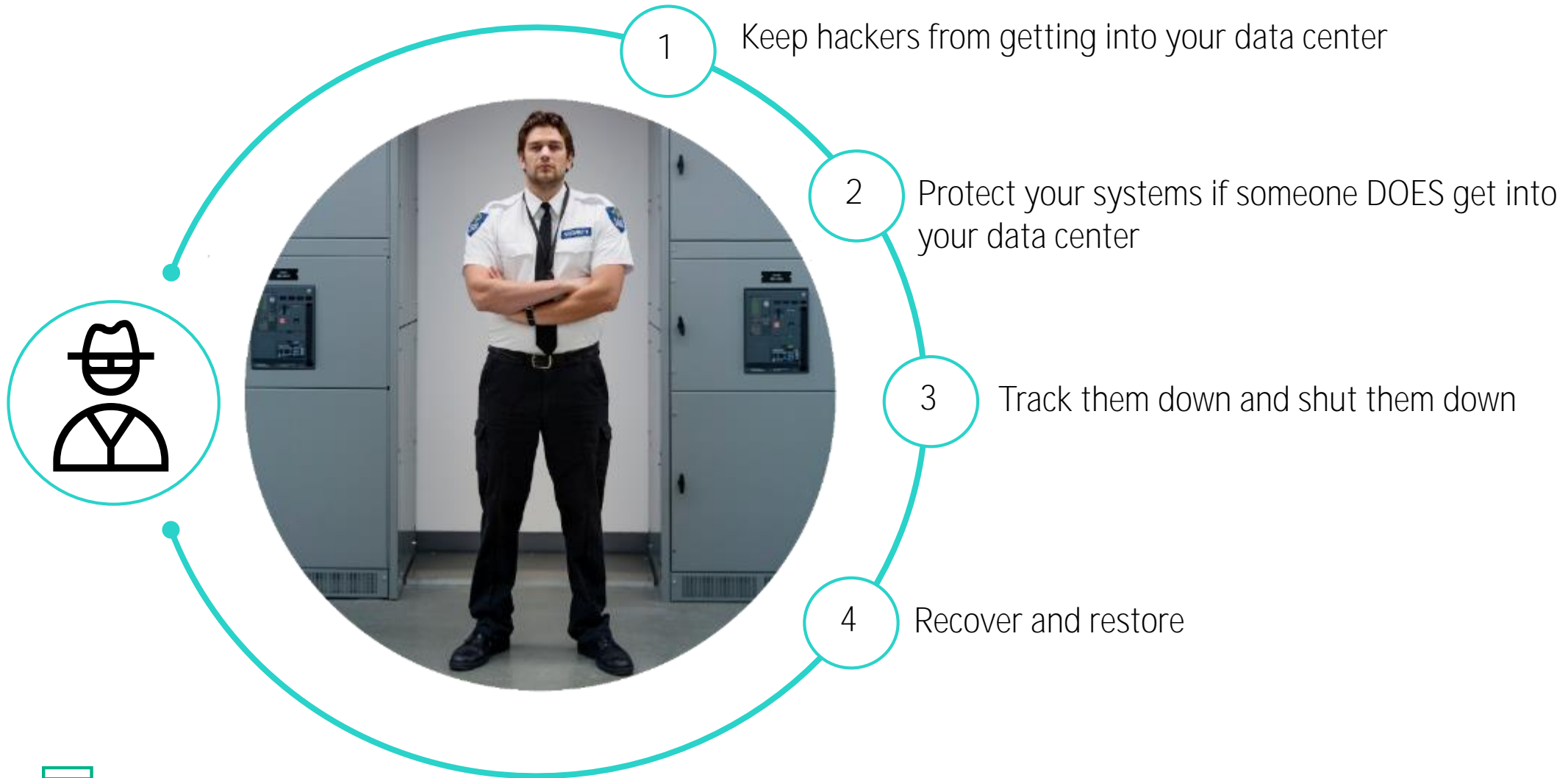
100² + Average time cyber criminals 
days² are inside before detection

2 M-Trends 2018, Mandiant

 Resolution time: 250%³ increase

3 Ponemon Cost of Cybercrime report

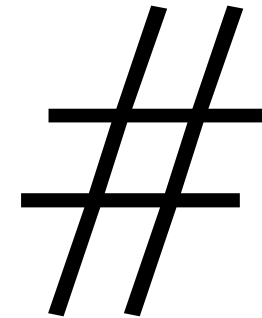
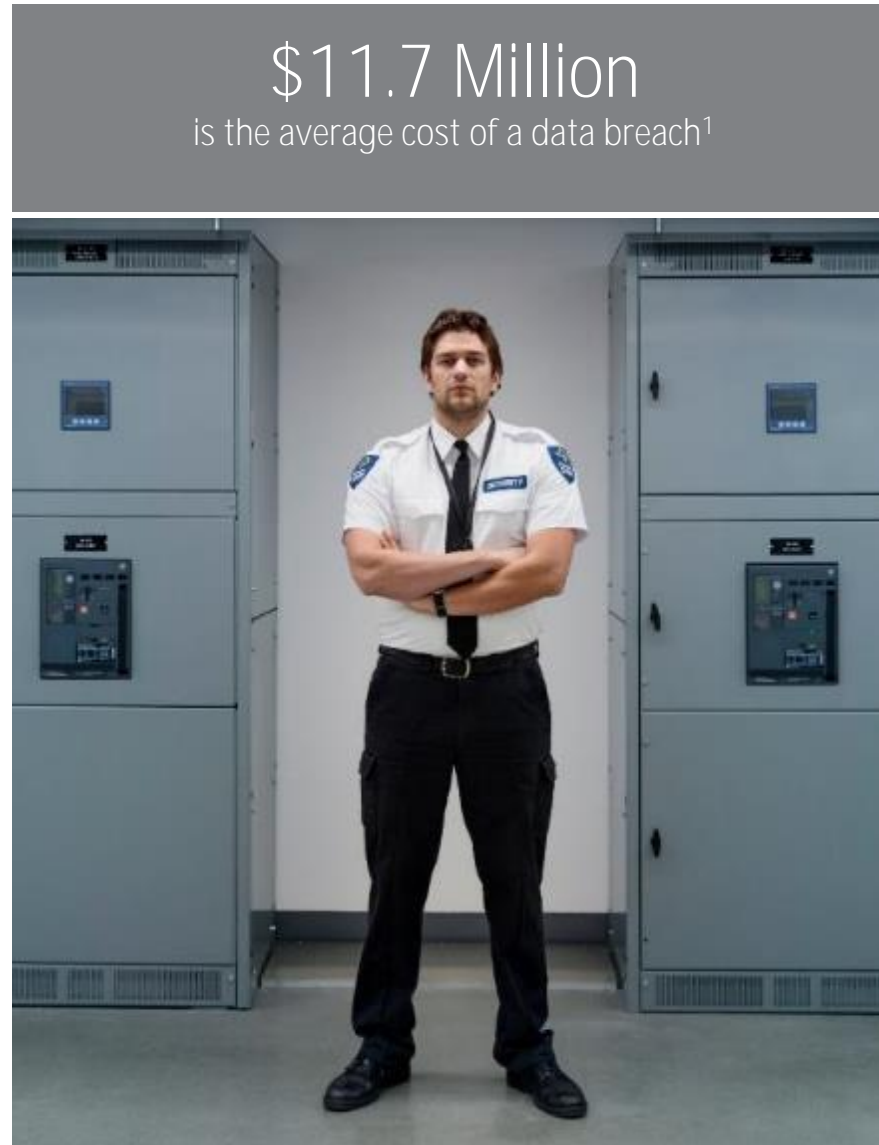
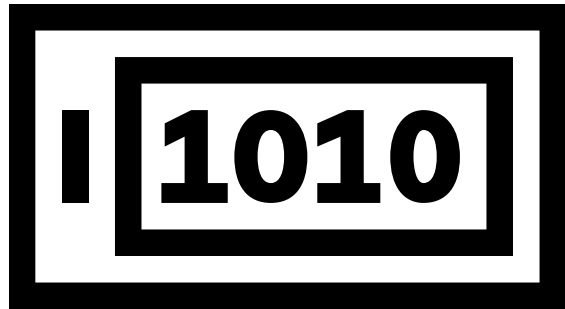
Have a security plan



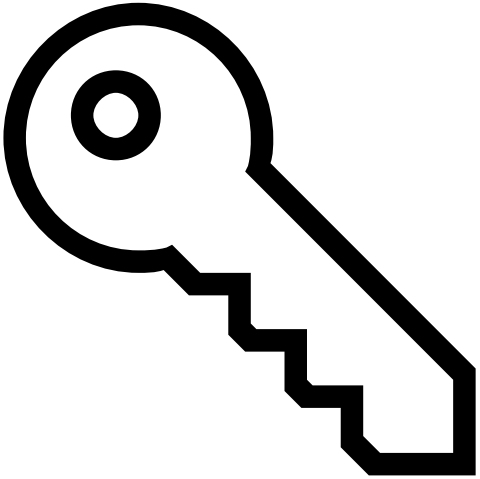
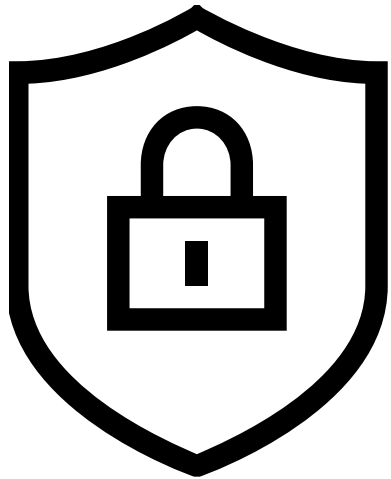
How can Windows Server 2016 help?



Credential Guard: Pass the Hash attack

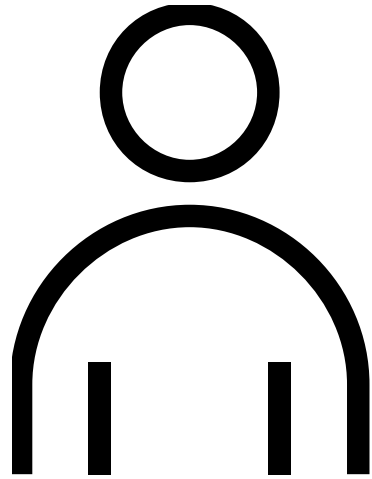


Credential Guard



¹ 2017 study by Accenture & Ponemon Institute

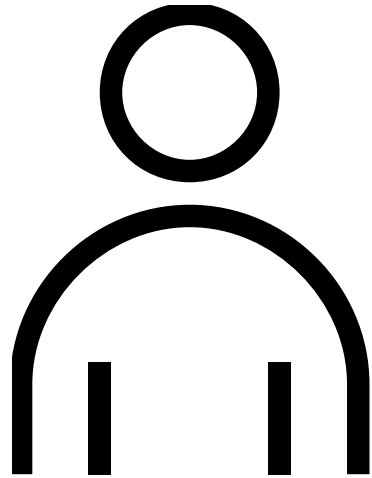
Just Enough Administration



\$21 Million in the USA
is the average global cost of a data breach¹



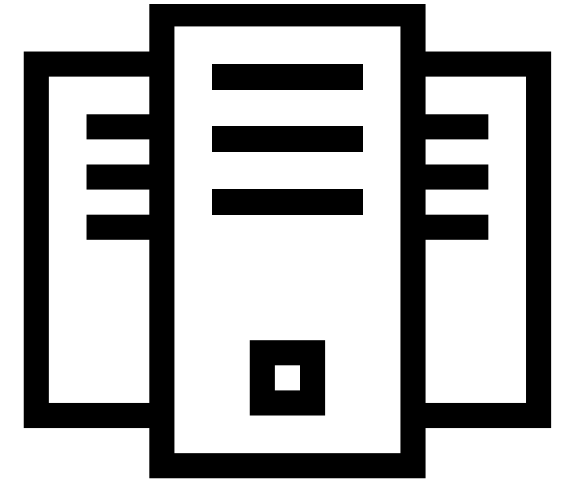
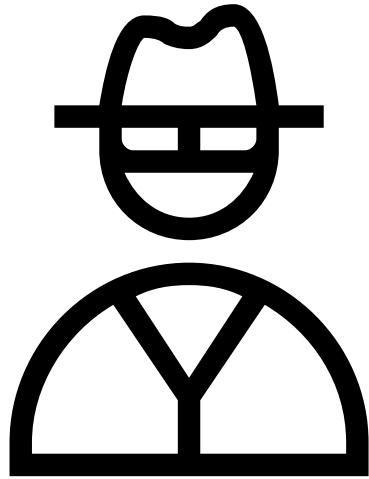
Just Enough & Just in Time Administration



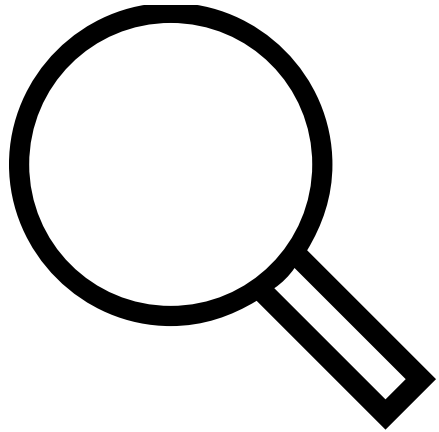
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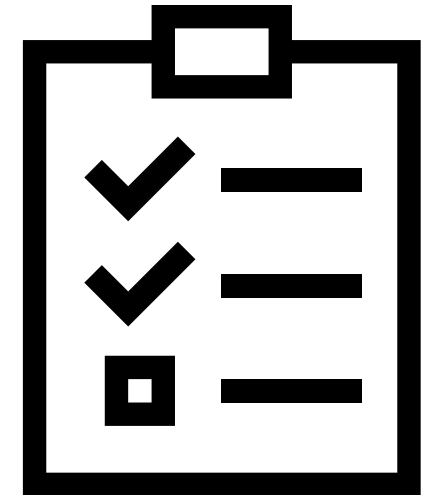
Device Guard



Enhanced Auditing Capabilities



\$18.26 Million in
Financial Services
is the average global cost of a data breach¹



Why are the systems important?

“As cyber attacks become more sophisticated, the potential for BIOS or other firmware attacks is growing”

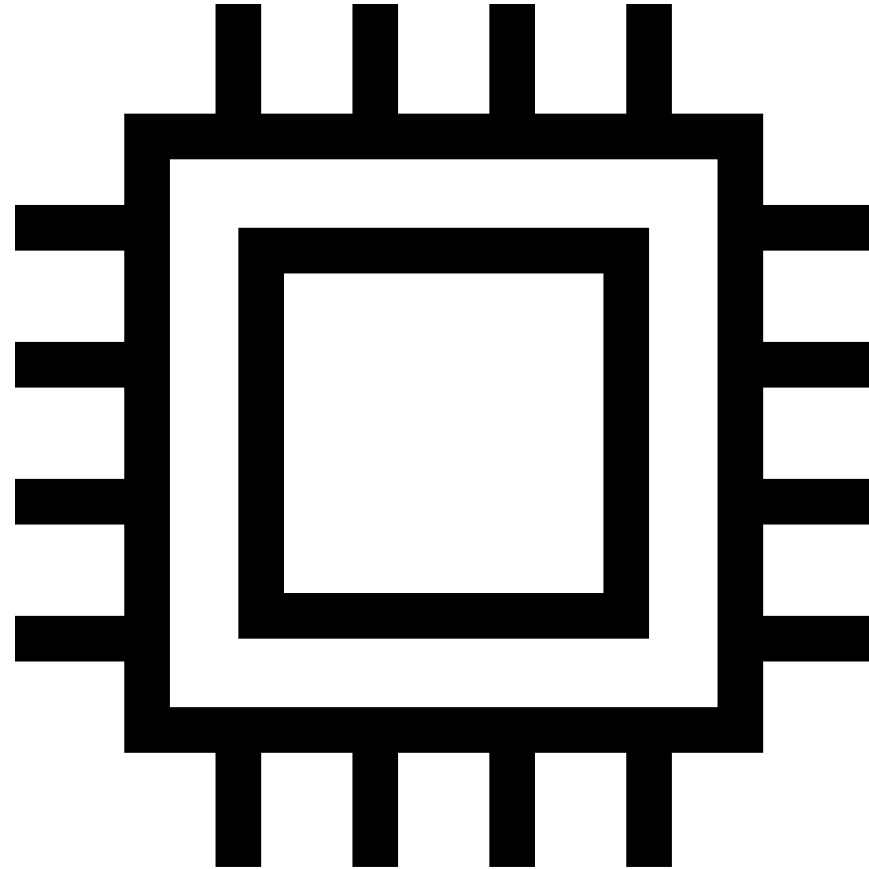
– 2017 study by Accenture & Ponemon Institute

\$11.7m

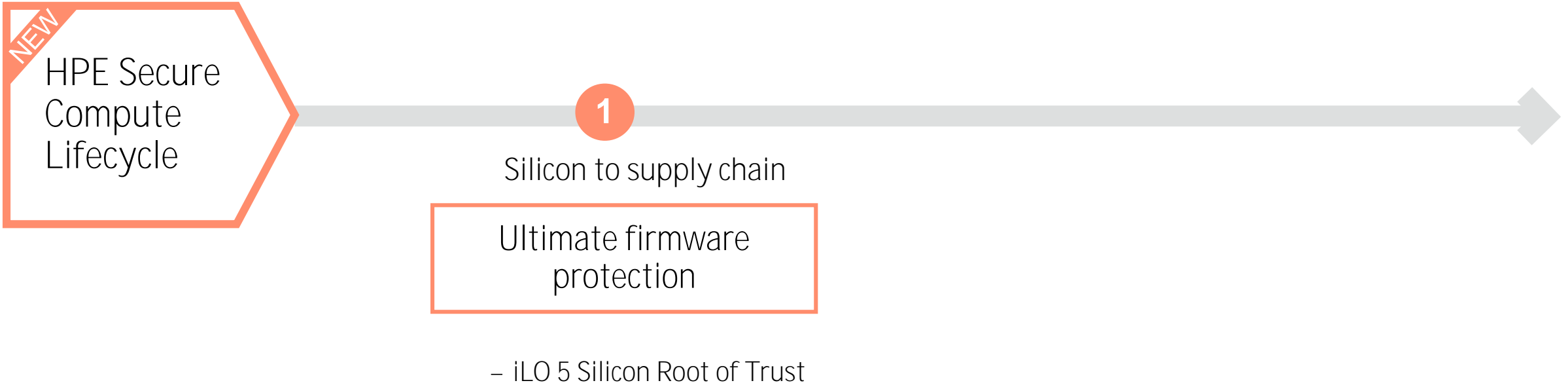
Mean annualized cost of a cyber crime incident¹

Silicon Root of Trust

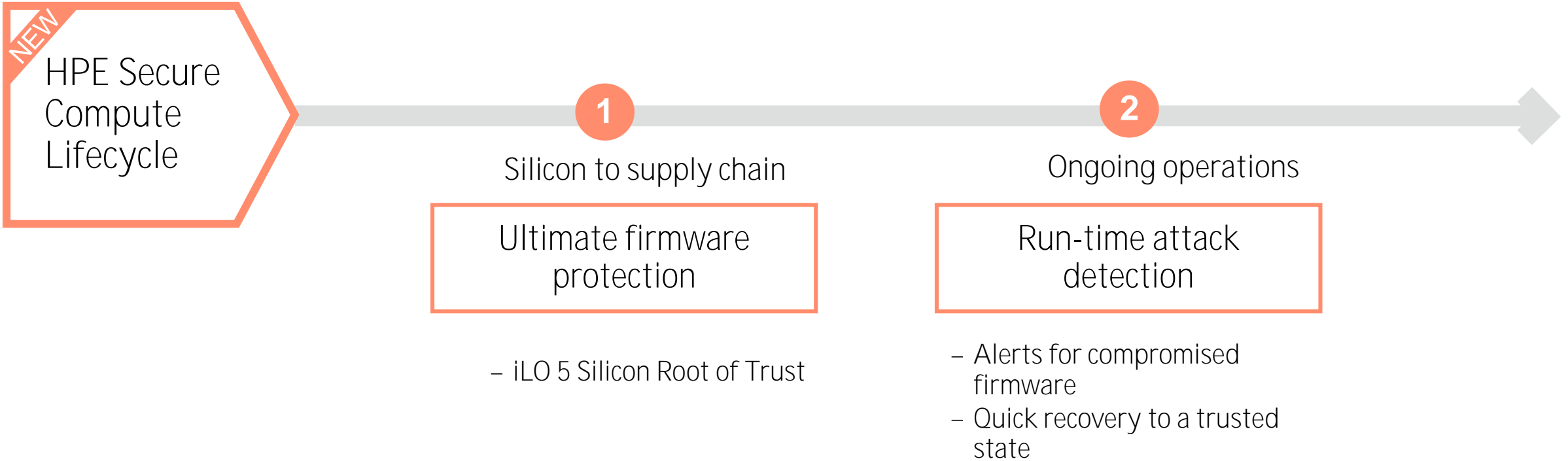
New Silicon Root of Trust technology, offered only by Hewlett Packard Enterprise



A new experience in server security



A new experience in server security



A new experience in server security



NEW
HPE Secure
Compute
Lifecycle

4

HPE applies NIST controls to support regulatory compliance

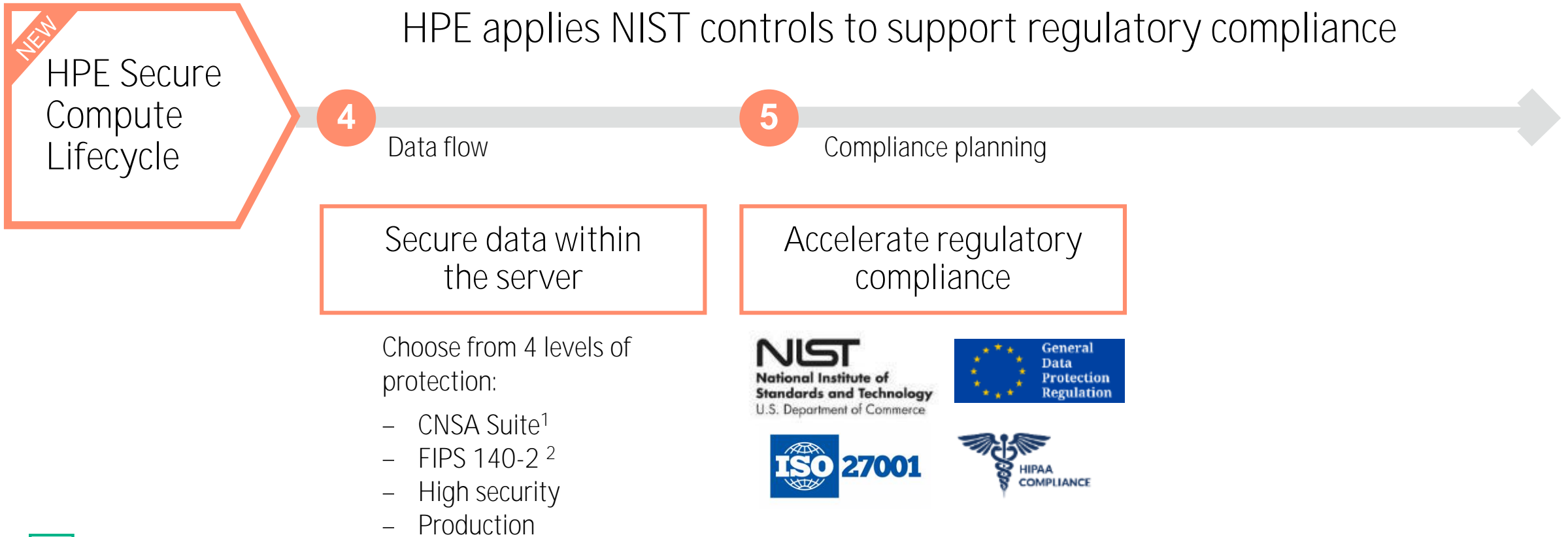
Data flow

Secure data within
the server

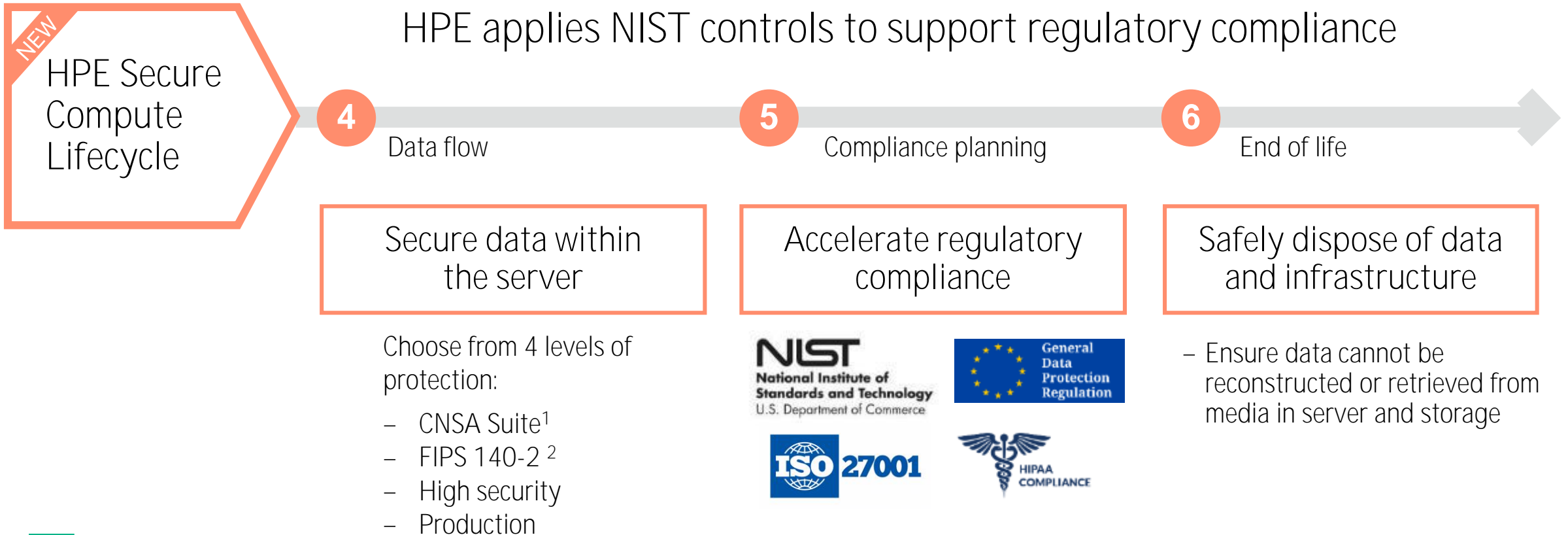
Choose from 4 levels of
protection:

- CNSA Suite¹
- FIPS 140-2²
- High security
- Production

A new experience in server security



A new experience in server security





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Thank you