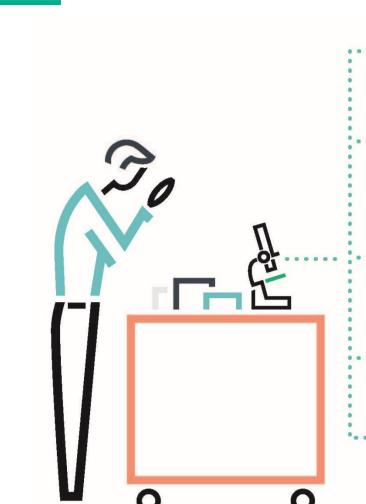


TODAY'S EXISTING SECURITY THREATS

Security Today



Denial of Service (DOS):

Make crucial changes to the target's firmware that interfere with it's ability to perform key functions.

Distribution Denial of Service (DDoS): Overwhelm the target with bogus requests for information or assistance from

multiple sources, tying up resources and hindering its ability to respond to legitimate users. **Data Theft or Information Theft:** Malware or compromised code copied directly into the target's firmware renders it

completely useless. Sometimes called "bricking" a server, i.e., rendering it as useful as a brick.

Permanent Denial of Service (PDoS): Bricked or permanently disabled servers.

Ransomware:

Hostile software that invades a PC or server and locks it permanently, preventing legitimate users from accessing any content unless a ransom payment is made.

SECURITY ATTACK TRENDS

Hardware & firmware attacks

Regulatory, GDPR, **SEC**

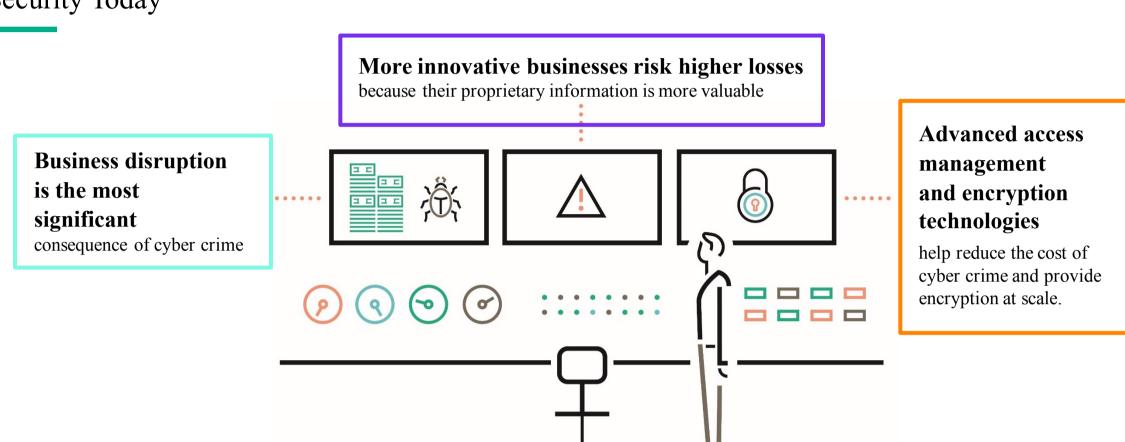
learning and AI

Machine

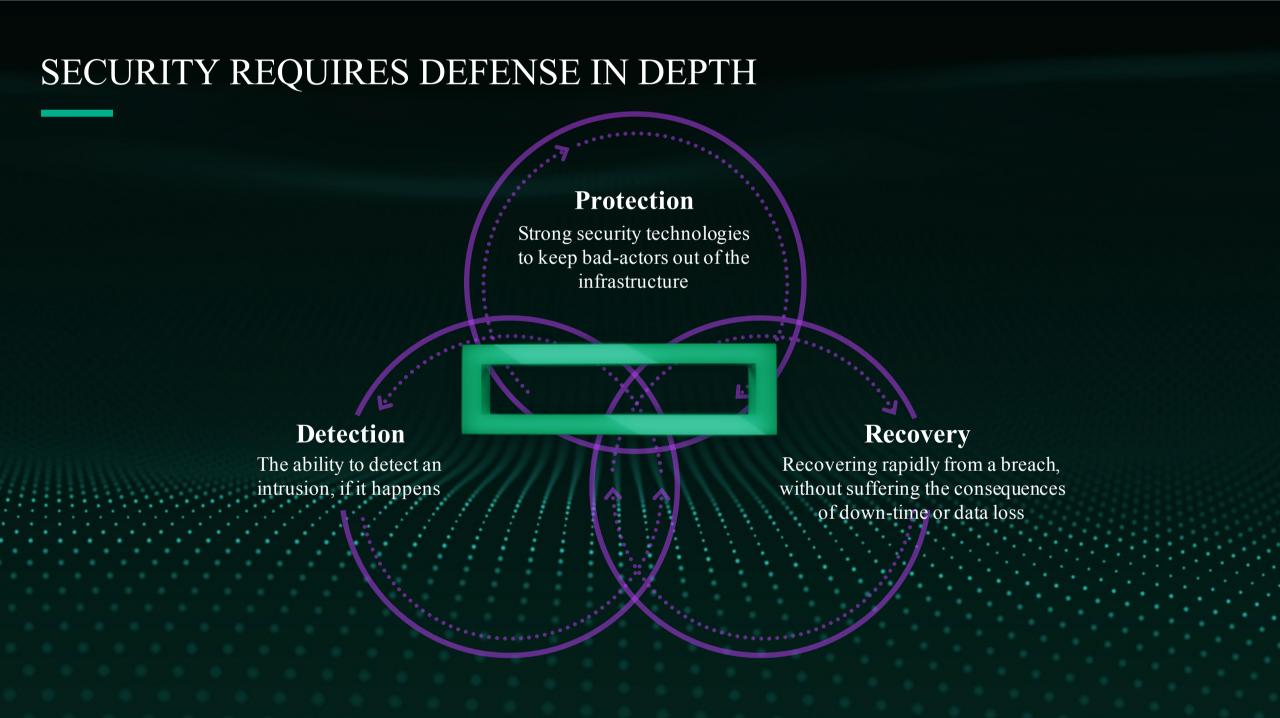
Human element

Pervasive ransomware

COST OF CYBER CRIME AND THE RISK OF BUSINESS INNOVATION **Security Today**



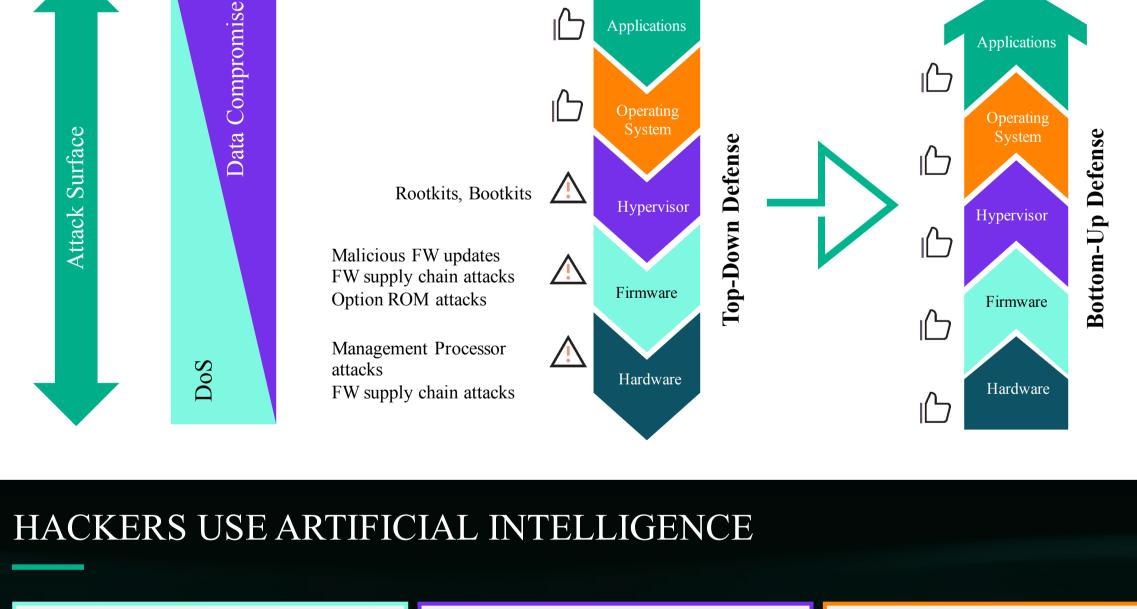
Persistent use of advanced security information and event management (SIEM) results in an average savings of nearly \$3 million.



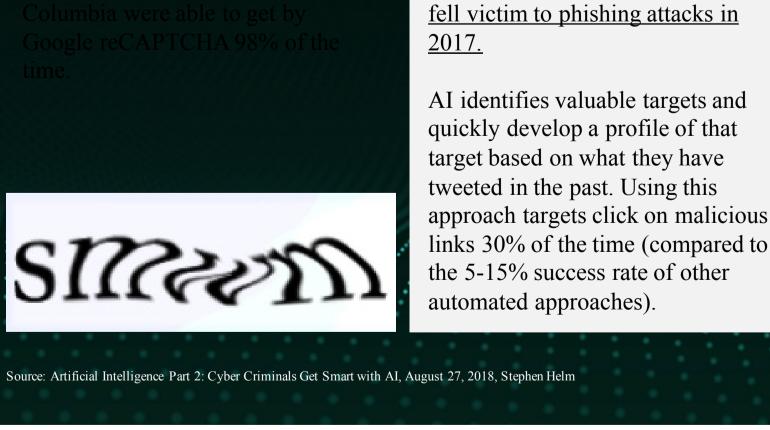
HPE servers comprehensive security approach protects key server infrastructure

HPE SECURITY VISION: SERVER PLATFORM SECURITY

Applications



Improving Phishing Bypassing CAPTCHA A reported 76% of organizations



AI identifies valuable targets and quickly develop a profile of that target based on what they have tweeted in the past. Using this

links 30% of the time (compared to the 5-15% success rate of other automated approaches). SECURITY TODAY - REAL WORLD EXAMPLES hardware configurations and if a human is operating the machine

Evasive Malware

AI performs checks to identify

DeepLocker's AI is trained to

executes when it reaches a specific

target, relying on three layers of

ensure that its payload only

concealment to prevent security tools from identifying the threat.

Large Oil Company

30,000

Systems Destroyed by Malware in Firmware

Evolving Threats

Global Security Threats Real World Examples



For more information on HPE Gen10 Servers, contact us today:



As security software becomes more prolific, hackers

continue to make their way down the food chain to

computer hardware where it is much more difficult to identify and remove.**

Lucky 13 Solutions https://l13s.com