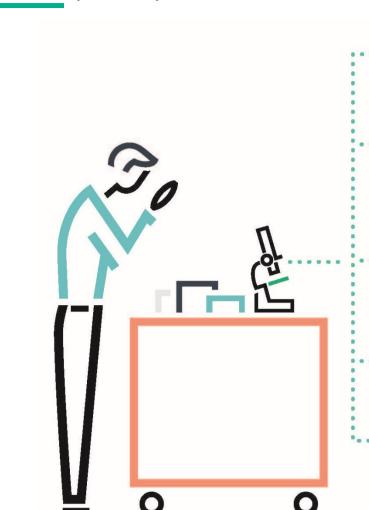


TODAY'S EXISTING SECURITY THREATS

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

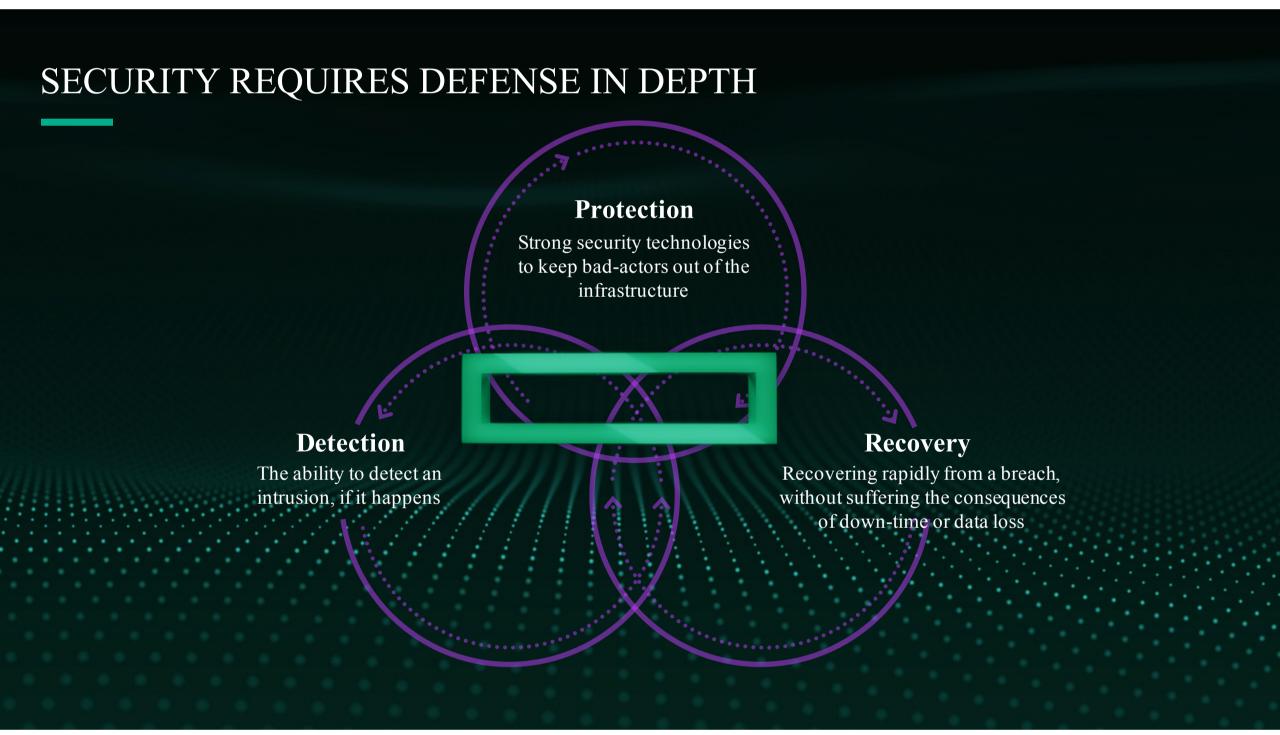
Human element

Pervasive ransomware

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



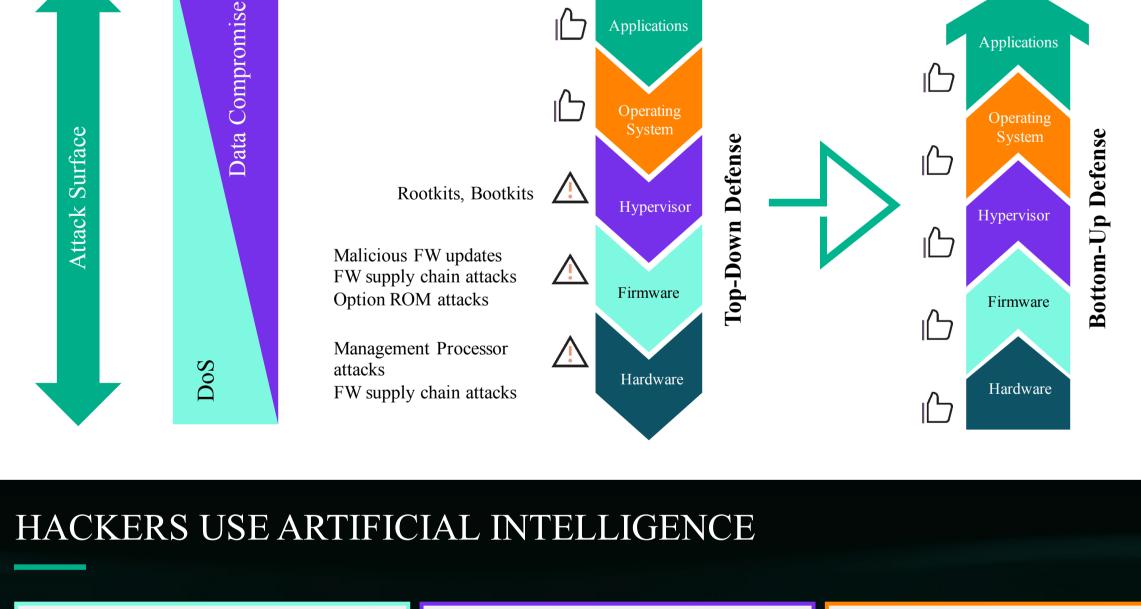
Persistent use of advanced security information and event management (SIEM) results in an average savings of nearly \$3 million.



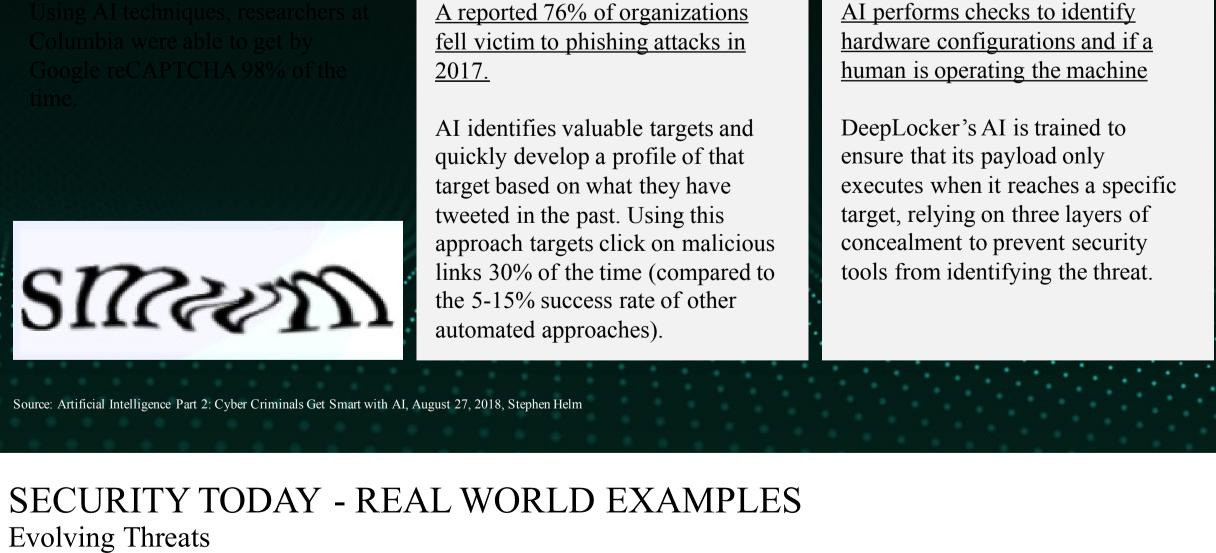
HPE servers comprehensive security approach protects key server infrastructure

HPE SECURITY VISION: SERVER PLATFORM SECURITY

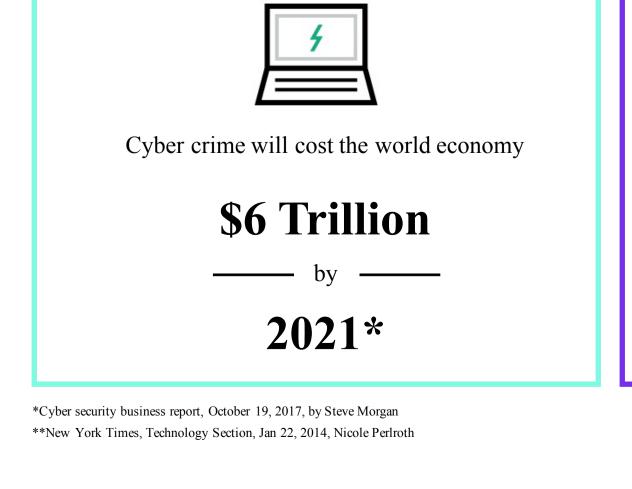
Applications



Improving Phishing Bypassing CAPTCHA



Global Security Threats Real World Examples





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

Large Oil Company

30,000

Systems Destroyed by

Evasive Malware

identify and remove.**

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