HP Enterprise Security Products

Thinking like a Cyber Criminal

Ramon Sierra
Distribution PBM Latin America

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Security Solutions Portfolio

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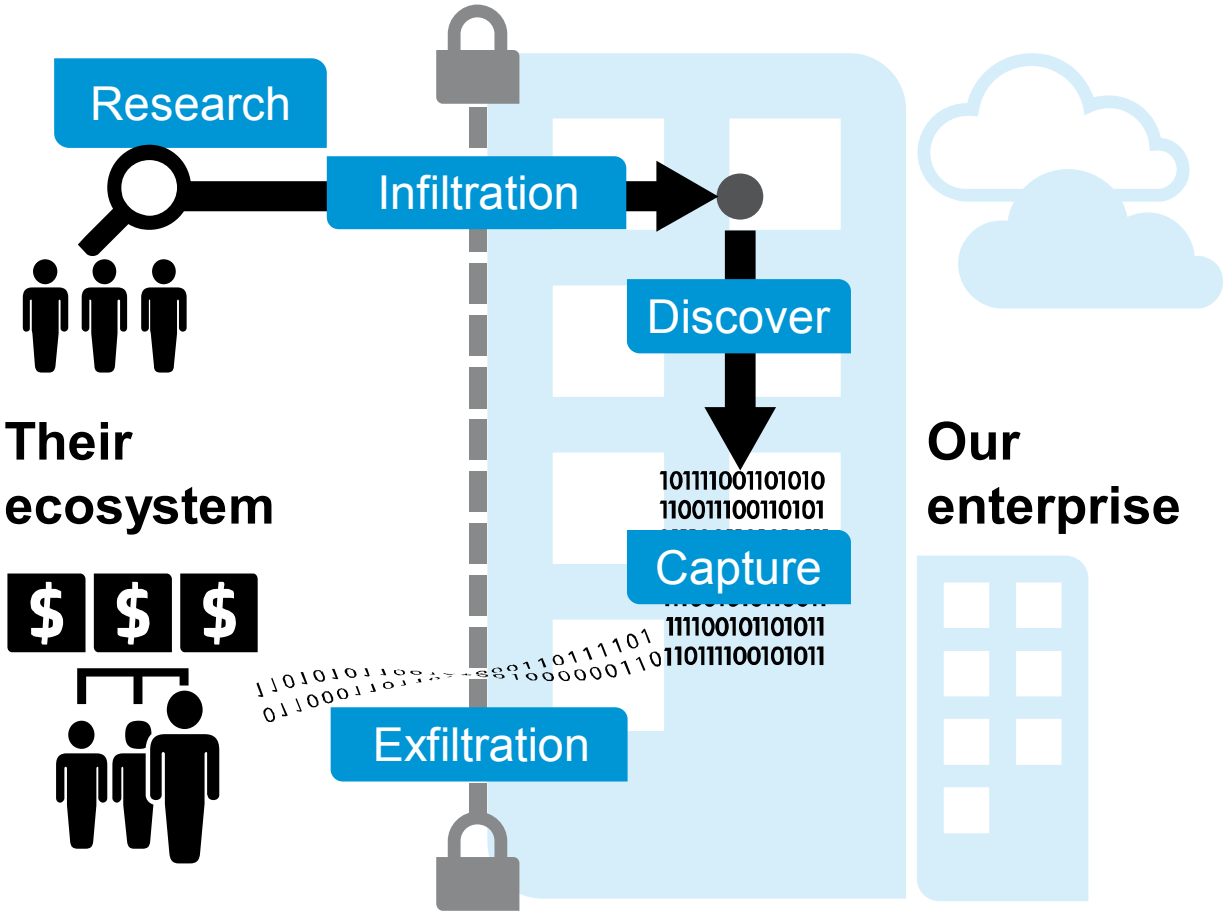
Fases de un ataque

Advanced Persistent Threats

Denial of service attacks

Web hacking



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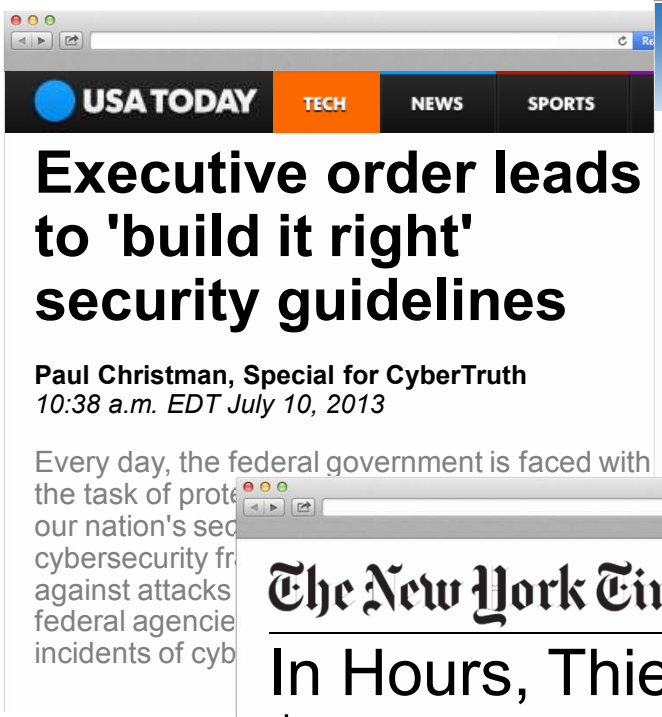

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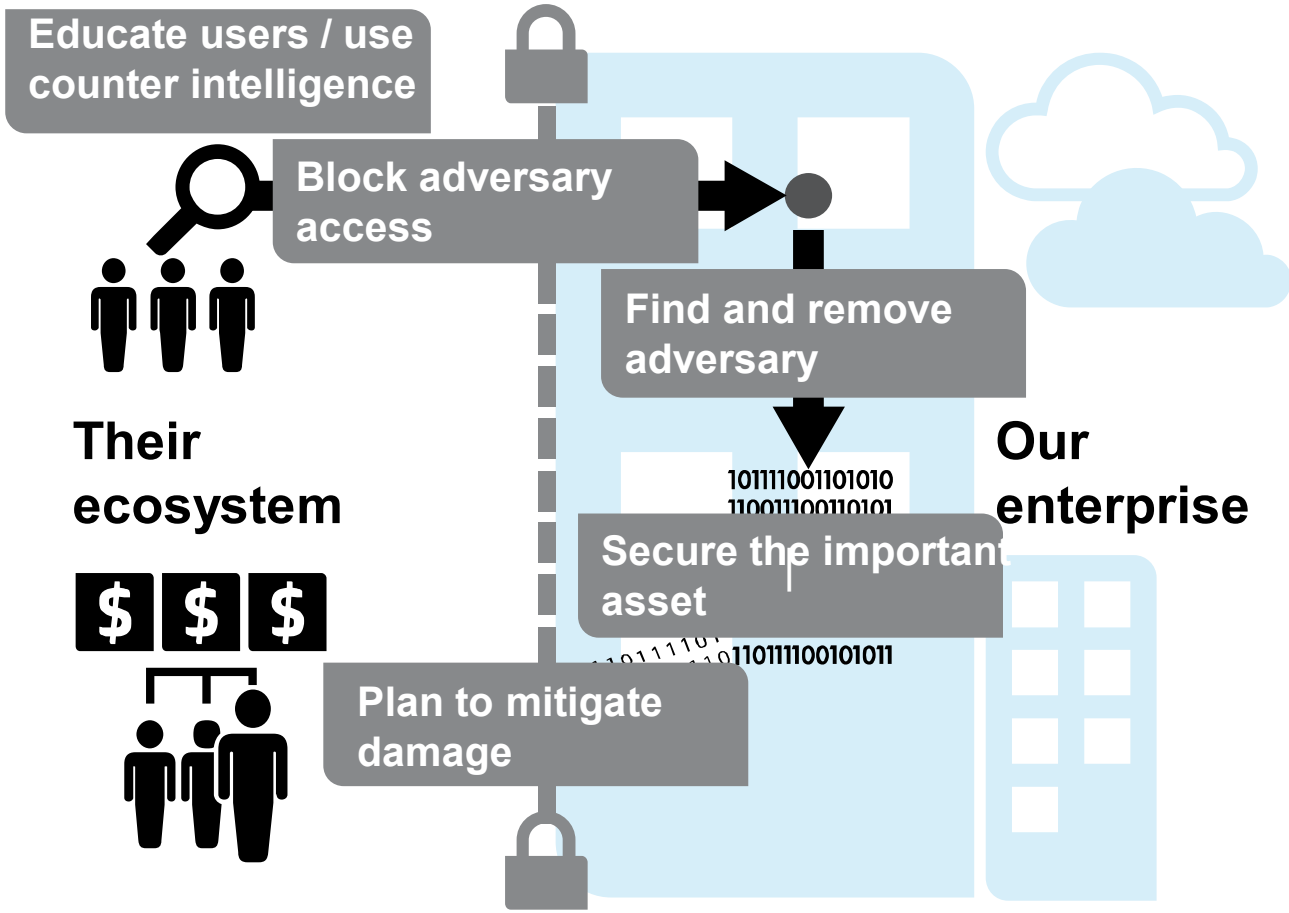
Cómo proteger a la organización



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"If you **know the enemy and know yourself**, you need not fear the result of a hundred battles."

•—Sun Tzu, The Art of War

HACKTIVIST

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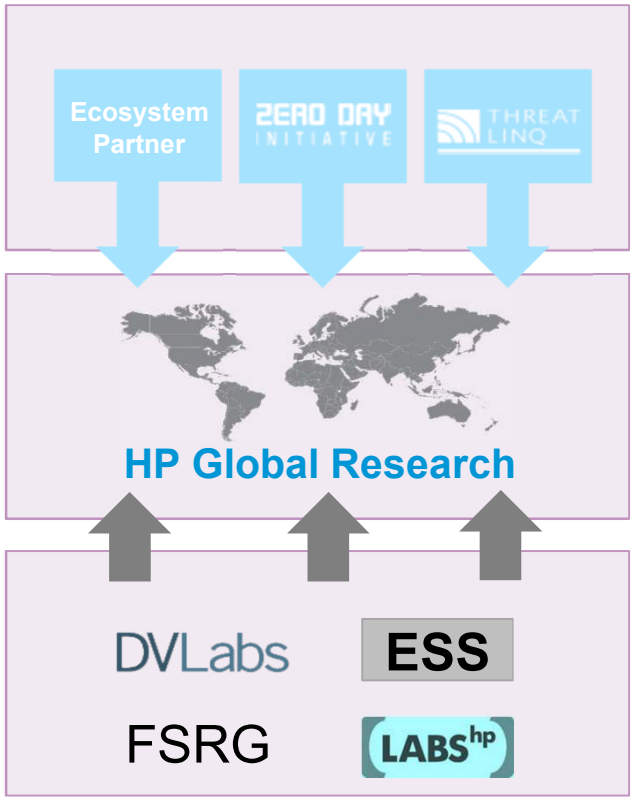
HP Security Research



- SANS, CERT, NIST, OSVDB, software & reputation vendors
- 2650+ Researchers
- 2000+ Customers sharing data

- www.hp.com/go/HPSRblog
- 6X the Zero Days than the next 10 competitors combined.
- Top security vulnerability research organization for the past three years —Frost & Sullivan

- HP Security Research Teams: DV Labs, ArcSight, Fortify, HPLabs, Application Security Center and Enterprise Security Services
- Collect network and security data from around the globe

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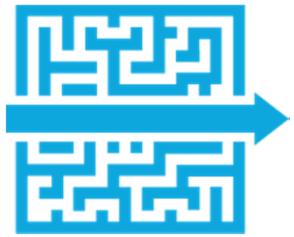
HP TippingPoint protects users, apps and data with market leading network security



Simple

Easy-to-use, configure and install with centralized management

Effective

Industry leading security intelligence with weekly DVLabs updates

Reliable

NGIPS with 99.99999% network uptime track record

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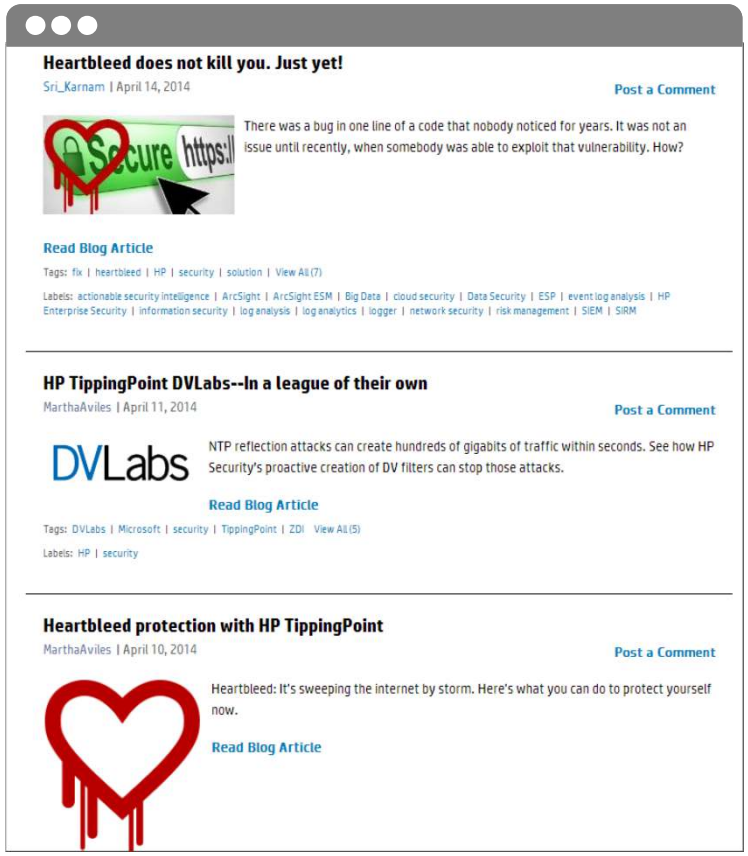
Heartbleed vulnerability protection on Day 1

- Every second matters!
- OpenSSL Vulnerability affecting 2/3 of the world's web servers
- HP TippingPoint customers are protected on Day 1 via Digital Vaccine
- Virtual patch stops attack and theft of critical customer information

DV LABS



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84% of breaches occur at the application layer

9/10 mobile applications are vulnerable to attack

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HP Fortify helps you protect your applications

Application assessment

Assess

Find security vulnerabilities in any type of software

In-house
Outsourced
Commercial
Open source

Software security assurance

Assassure

Fix security flaws in source code before it ships

Application protection

Protect

Fortify applications against attack in production

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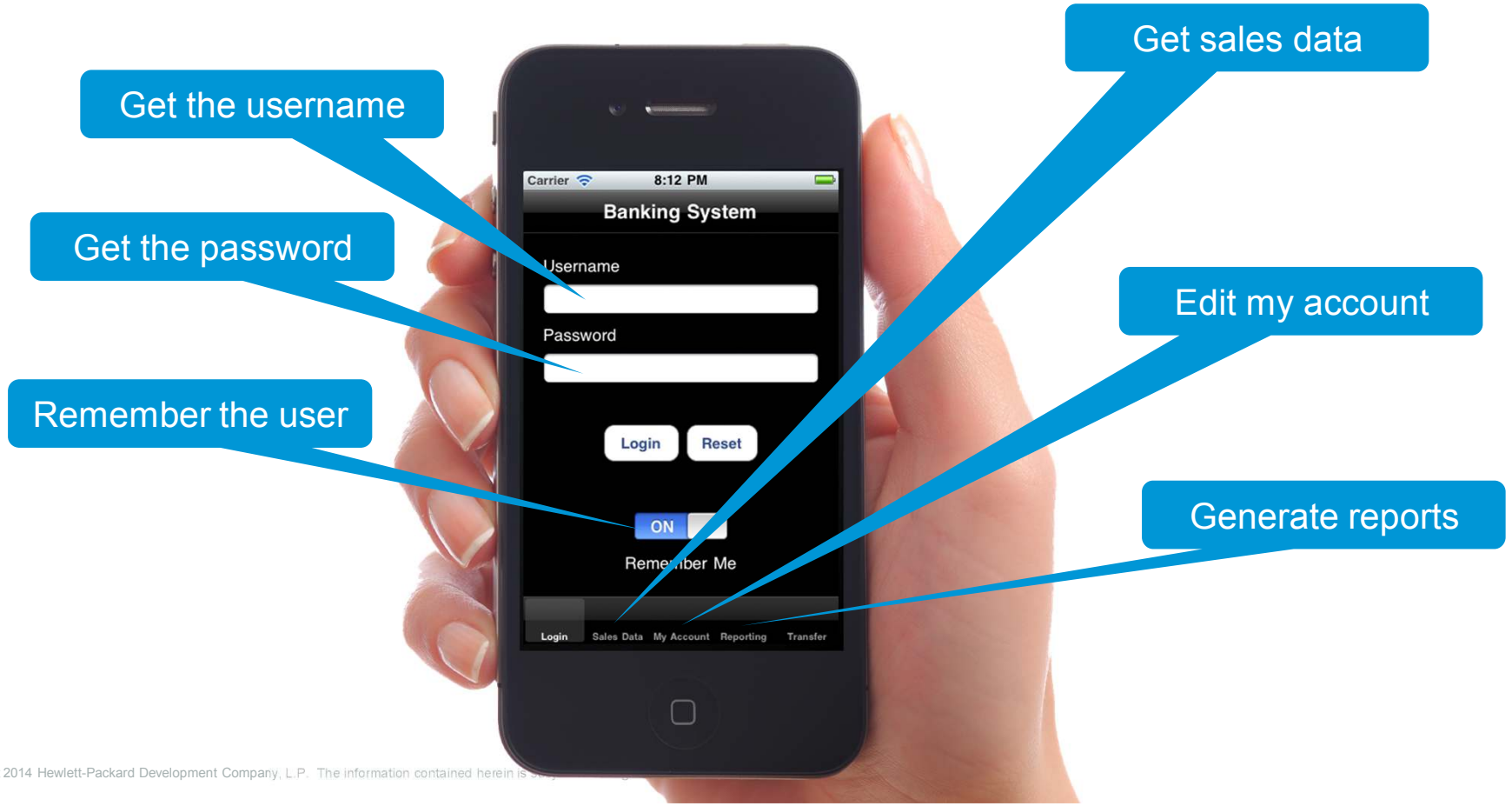
How you see our world



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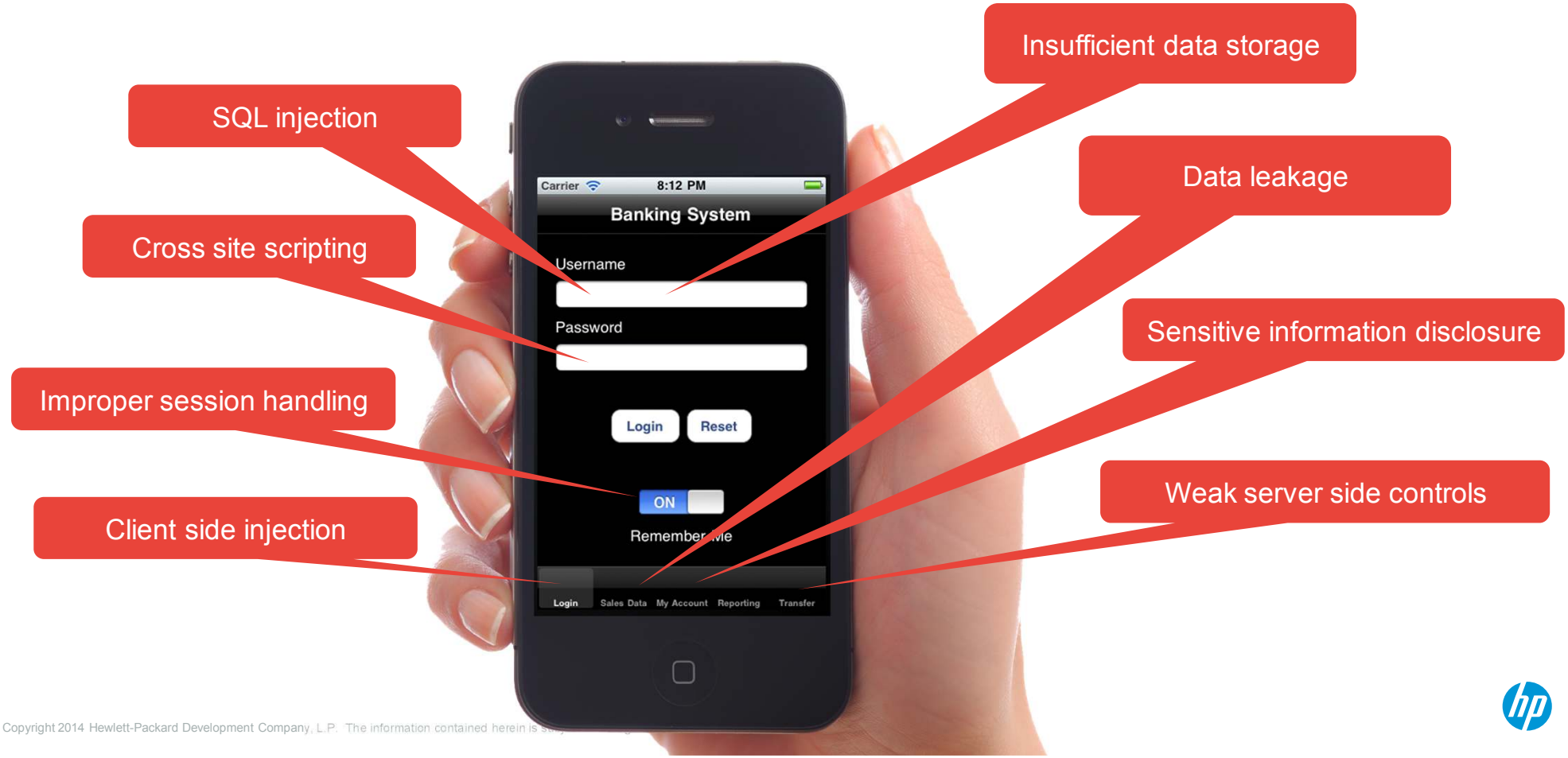
How an attacker sees our world



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HP Fortify named leader in Gartner AST MQ

2014 Gartner Magic Quadrant for Application Security Testing

- Once again, Gartner not only acknowledged Fortify's years of successful market execution but also called out several areas in which HP is leading in delivering on new technologies to stay ahead of the bad guys.

- Strengths:
- · Comprehensive SAST capabilities - the most broadly adopted SAST tool in the market.
- · Evolved AST to address iOS and Android mobile apps.
- · Innovative IAST capabilities
- · Early innovator with runtime application self-protection (RASP) technology.

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SAP

Enterprise software

- Client outcome
- Significantly enhanced the security of SAP software, with increased number of security patches since 2010
- Met board requirements for product security
- Protected revenue-generating applications and customer reputation

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229 days

average time to detect breach

2013 January February March April May June July August September October November December **2014** January February March April

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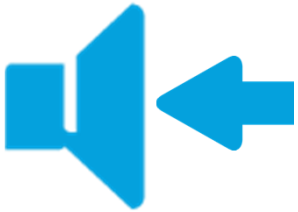
HP ArcSight, act with laser *clarity* against threats that matter

Collect



Transform Big Data into actionable security intelligence

Analyze

Real-time correlation of data across devices to find threats

Prioritize

Cyber forensics, fix what matters most first

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Machine data is everywhere

Logs/ events/ flows

Applications

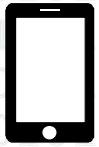
Cloud

Structured/ raw

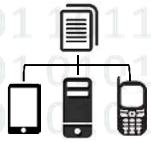
Devices/ Network

Virtual

Users/ employee data



Mobile devices



Physical

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Problem with the current approach

Stale technologies

Trade off

IT frustration

Lack of scalability

86%

of corporations **cannot** deliver the right information, at the right

[3]Source: Coleman Parkes Survey

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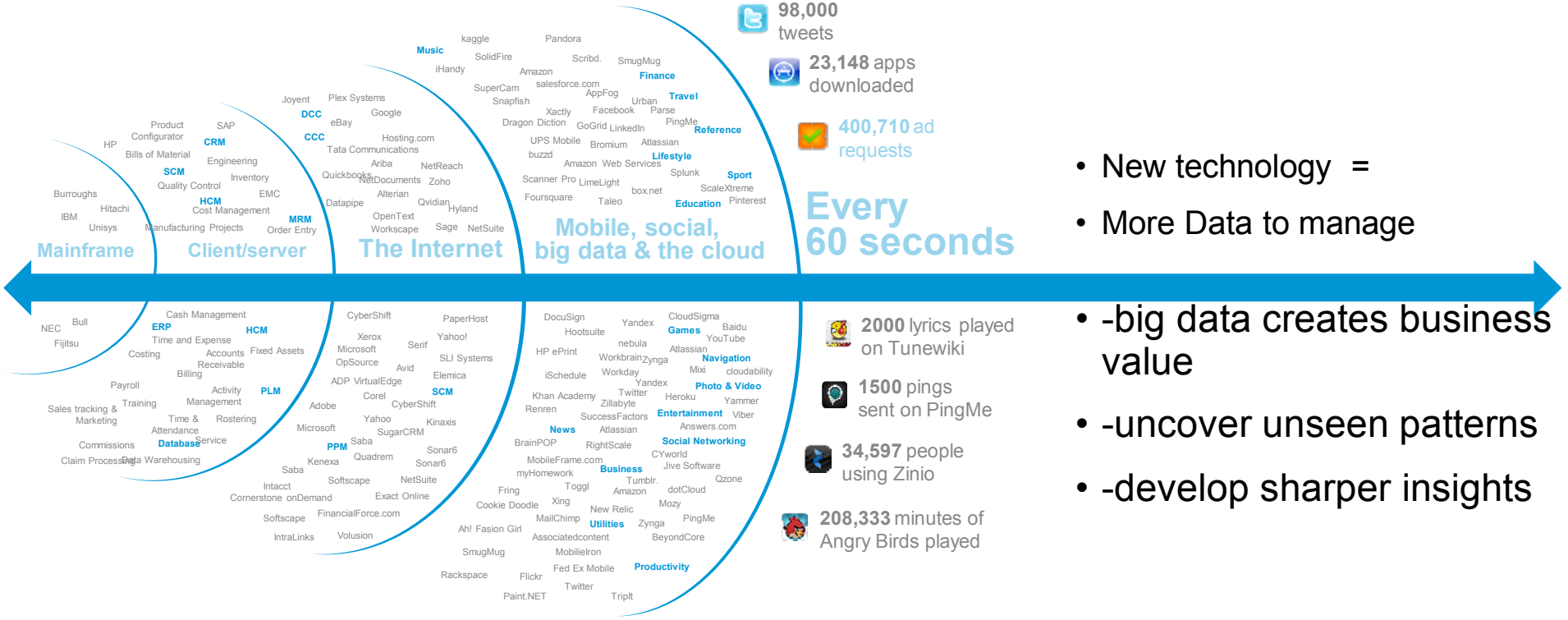
Customers are generating lots of data



- New technology =
- More Data to manage
- -big data creates business value
- -uncover unseen patterns
- -develop sharper insights

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HP ArcSight named leader in Gartner SIEM MQ 2013

- HP ArcSight named a leader in the Gartner Magic Quadrant for Security Information and Event Management (SIEM), 10 years in a row.
- The most visionary product in the Gartner SIEM MQ

Figure 1. Magic Quadrant for Security Information and Event Management

Source: Gartner (May 2013)

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HP Atalla helps you secure your sensitive information

Payments security

Secure payments and transacting systems

Cloud and Data Security

Encrypt and protect keys and data in public, hybrid, and private clouds

Information Protection & Control

Embed security at the point of creation for sensitive enterprise data

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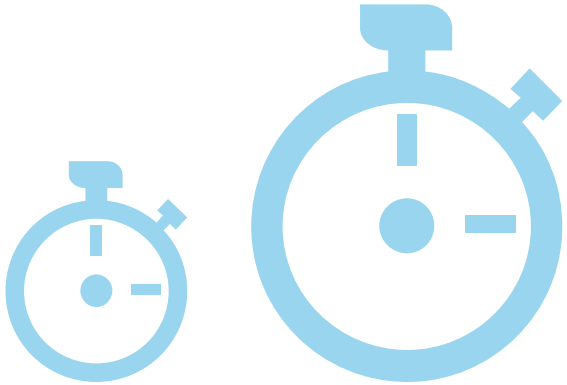
Since 2009, time to resolve an attack **has grown**

130%



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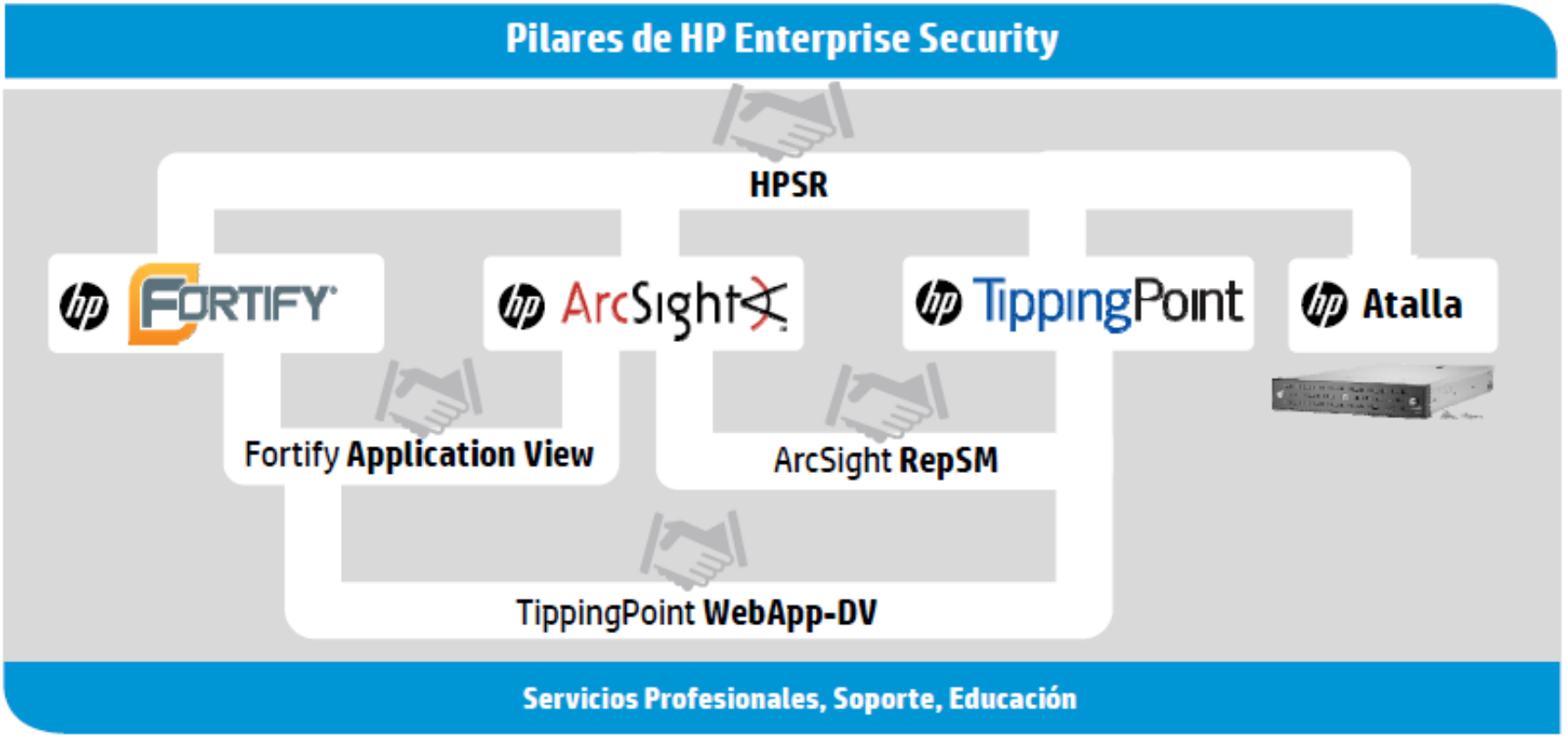
HP Enterprise Security

Security
Performance Suite

HP Global Research

DV-Labs
FSRG
+
HP-Labs
ESS



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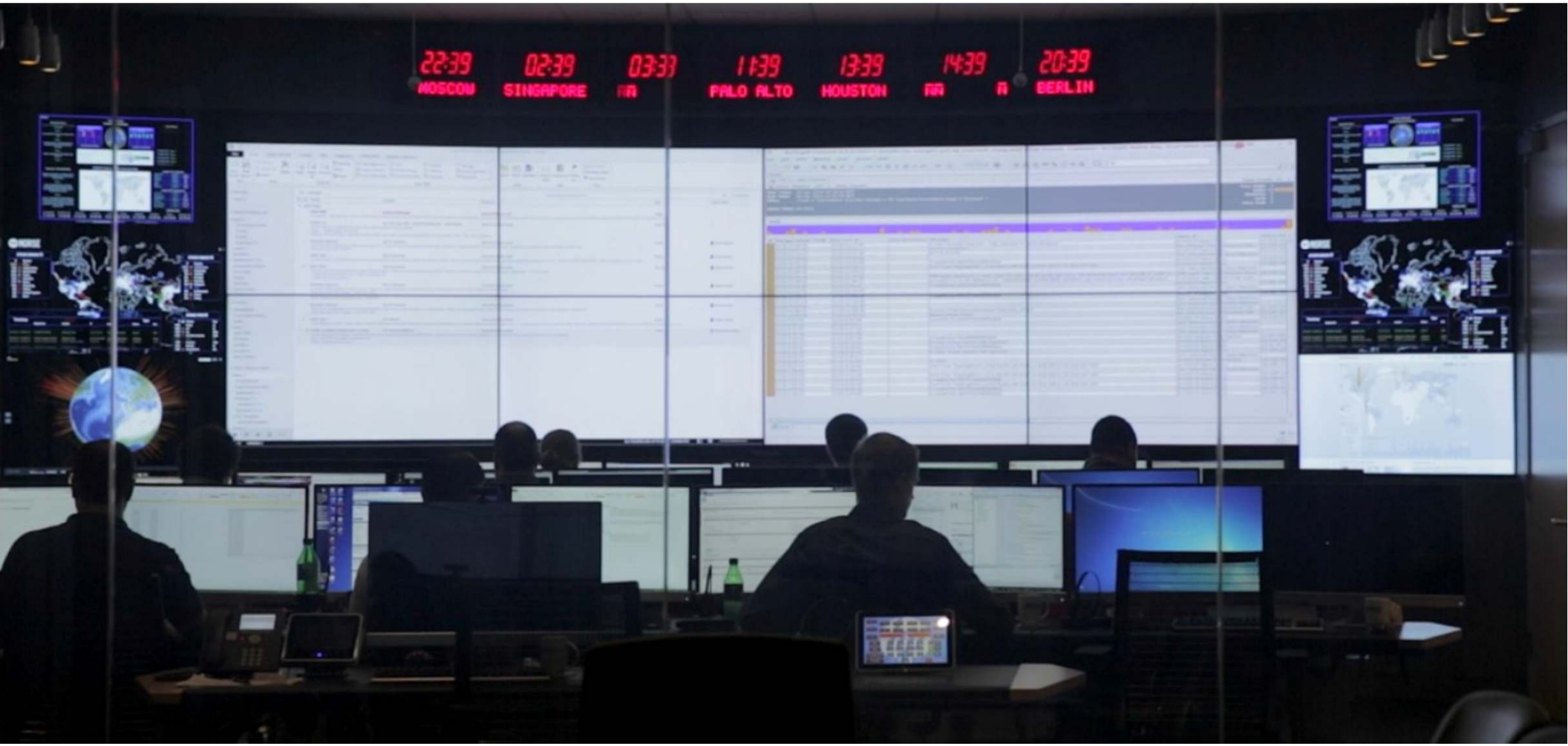

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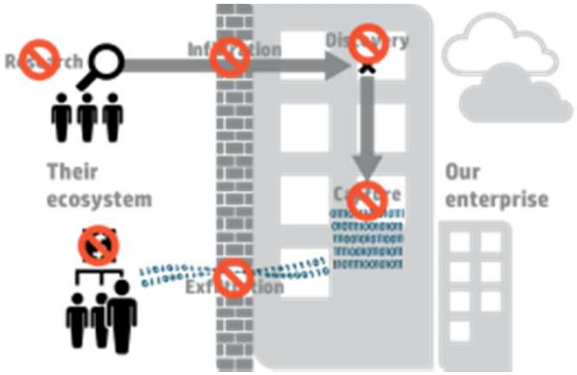
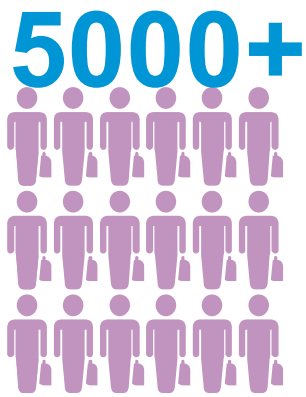
HP Security

Disrupt the adversary, manage risk, and extend your capabilities



Disrupt the adversary
Security technology

Manage risk
Risk & compliance



Reduce cost & complexity
Advisory & management

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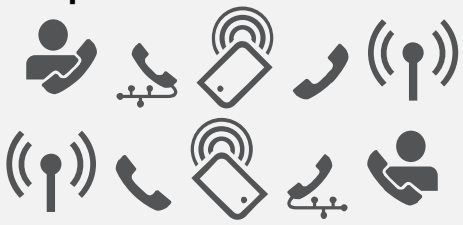
HP Security's industry-leading scale

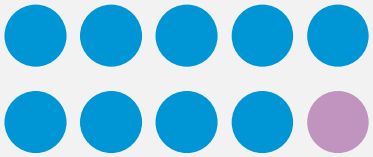
9 out of 10
Major banks

10 out of 10
Top telecoms



5000+
HP Security Professionals

All major branches of US Department of Defense



9 out of 10
Top software companies

8
Security Operations Centers

900+
HP managed security customers

23bn
Monthly security events

47m
HP Secured User Accounts

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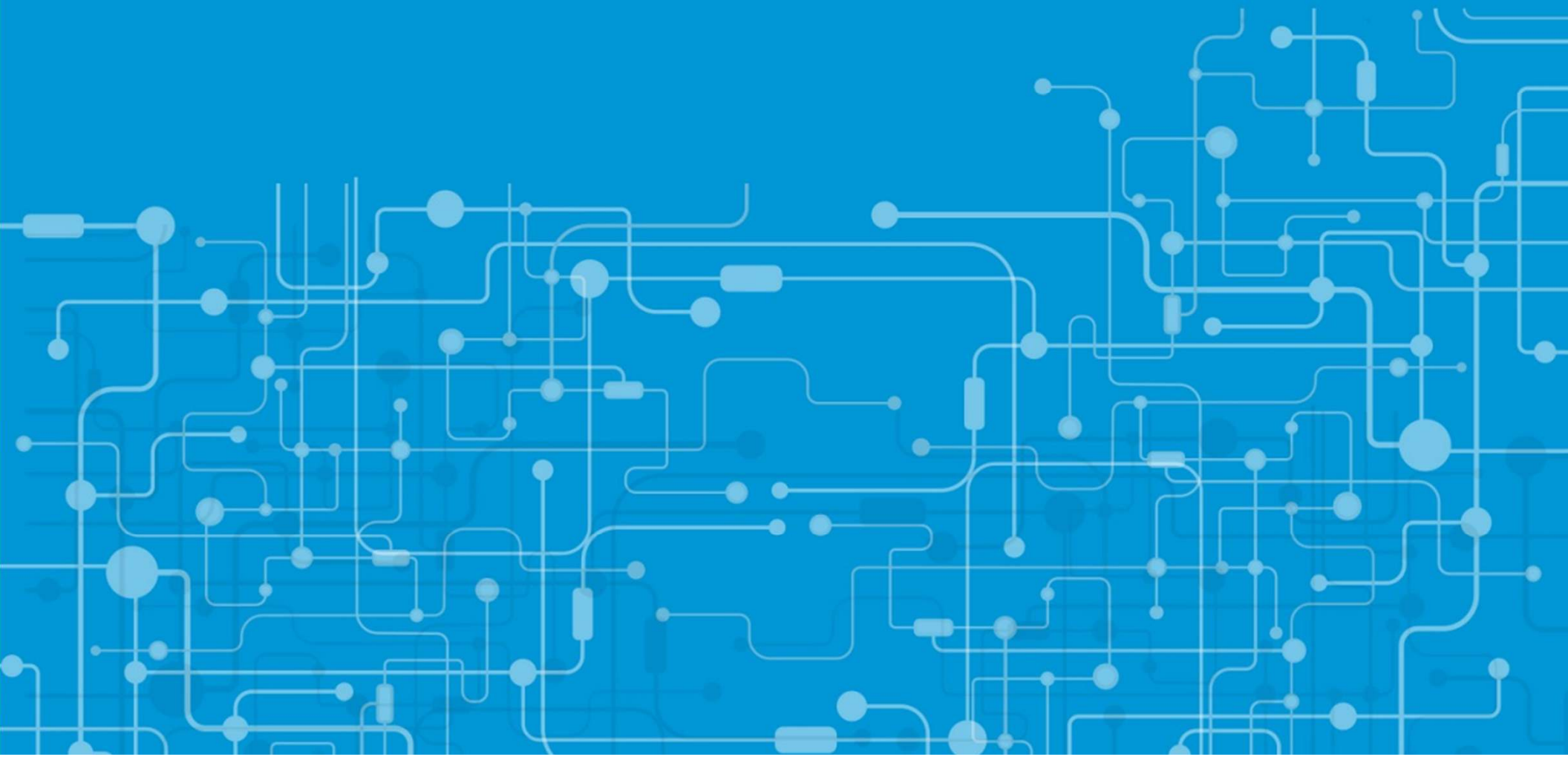
Thank You