



THE WORLD'S MOST SECURE

AND MANAGEABLE PCs¹²

HP SECURITY - 2019

Jason Coppa HP Partner Business Manager

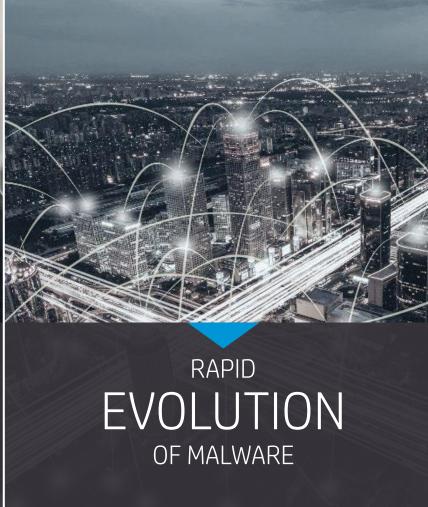


IN 2019, ITDMs FACE A

RISING TIDE OF SECURITY THREATS









DESTROY YOUR BOTTOM LINE

NotPetya attacks of 2017:



Total cost of impacts from the attacks on 4 large companies



4-7%

% of pre-tax income lost to Petya/Not-Petya by some major companies

How long would you need to

RECOVER
1,000 MACHINES?

*Based on financial statements from 4 major corporations

WE ARE WITNESSING A RAPID EVOLUTION OF MALWARE

Over

350,000

New pieces of machine generated malware

every day

Attackers invest in

MACHINE LEARNING

and increase attack SOPHISTICATION

V-Test Institute, https://www.av-test.org

WORLD's MOST SECURE AND MANAGEABLE PCs12

2017 2018 2019



PROTECTION BELOW, IN, AND ABOVE THE OS

HP SURE VIEW 6

HP SURE START WITH RUNTIME INTRUSTION DETECTION¹

HP MULTI-FACTOR AUTHENTICATE¹⁰

HP SURE CLICK⁵



+ HARDWARE-ENFORCED SECURITY

HP ENDPOINT SECURITY CONTROLLER

HP SURE RUN²

HP SURE RECOVER³



+ RESILIENCE AGAINST THE ATTACKS OF TOMORROW

EXPANDED HARDWARE ENFORCED SECURITY

HP SURE SENSE⁷

HP DaaS PROACTIVE SECURITY²⁴



RESILIENCE: PROTECT + DETECT + RECOVER



EVERY ORGANIZATION SHOULD HAVE A PLAN FOR

RESILIENCE

1

HOW LONG WOULD IT TAKE TO RECOVER 1,000 PCs? 2

HOW DO YOU PROTECT AGAINST NEVER-BEFORE-SEEN MALWARE? 3

HOW DO YOU PROACTIVELY KNOW WHEN YOUR FLEET IS UNDER ATTACK?

PROACTIVE MANAGEMENT

Enforce security policies and actively monitor and respond to malicious activity





LAYERS OF PROTECTION

Proactively prevent threats – below, in, and above the OS

HOW HP CREATES THE WORLD'S MOST SECURE AND MANAGEABLE PCs¹²



HP ENDPOINT SECURITY STACK 2019

NEW UPDATED

NO UPDATE NEEDED

ABOVE THE OS

DEVICE

HP MIK Gen3 ¹¹
Centralized security management

IDENTITY

HP Proactive Security (DaaS)
Enforcement, Monitoring and Analytics

DATA

ZNEW-

IN THE OS HP Sure Recover Gen2^{3, 4}
Automated network-based image recovery

HP Sure Run Gen2²
Protection for critical applications

BELOW THE OS HP Sure Start Gen5¹
Self-healing BIOS with Protection of the Intel CSME

HP BIOSphere Gen5⁹
Comprehensive BIOS management

HP Client Security Manager Gen5

- HP Multi-Factor Authenticate Gen3¹⁰
 MFA with hardened policies, 3-factor, face log-in
- HP SpareKey
 Self-service password recovery

HP Sure View Gen3⁶
Built-in privacy screen

HP Sure Click⁵
Secure web browsing and file viewing

HP Sure Sense⁷
Malware protection driven by deep learning



HP Secure Erase⁸
Permanent data removal on HDD/SSD

Certified Self-Encrypting Drives
HW data encryption



HP Endpoint Security Controller



RESILIENT HARDWARE

Hardware that can self monitor and self heal if an attack gets in

- HP Sure Start¹
- HP Sure Run²
- HP Sure Recover³



HOW HP CREATES THE WORLD'S MOST SECURE AND MANAGEABLE PCs¹²





HP ENDPOINT SECURITY CONTROLLER

UNIQUE HARDWARE ENABLES RESILIENT DEVICES

- ✓ Physically isolated
- ✓ Cryptographically secured



3RD PARTY CERTIFIED

by an accredited independent test lab (Overseen by ANSSI)



HP Sure Start¹



HP Sure Run²



HP Sure Recover³



PROTECT WHERE ANTIVIRUS DOESN'T

The BIOS is the first million lines of code that run below the OS when you turn on your PC- your antivirus cannot detect an infected BIOS

Once the BIOS is corrupted, the attackers "own" your PC: all other protection is useless

Protecting your BIOS with HP Sure Start Gen5¹-creates a HARDENED ROOT OF **TRUST**

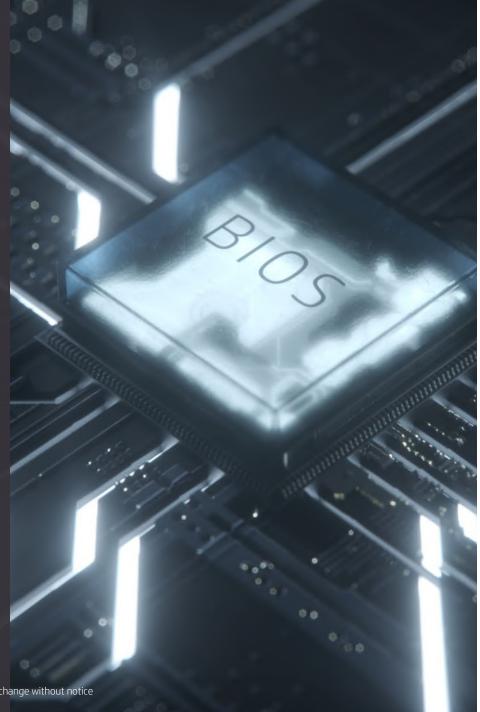


THE MALWARE OF THE FUTURE IS HERE

LoJax attacks of 2018 prove hackers are targeting the BIOS in real-world attacks.

BIOS rootkit attacks have long been a concern:

- Difficult to Detect
- Persistent
- Powerful



OTHERS MAY
PROTECT OR EVEN
DETECT

ATTACKS.

ONLY HP SURE START CAN

RECOVER

FROM THEM.

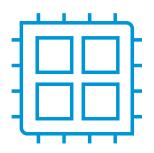


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WHAT'S NEW:

HP SURE START GEN5

Expanding the self-healing protection of HP Sure Start to protect critical non-HP firmware from corruption or attacks



Full self-healing protection of the Intel CSME from corruption



Protects Thunderbolt ports from pre-boot DMA attacks

- HP introduces cryptographically secure 2005 BIOS updates - HP Sure Start Gen 1 protects the <u>BIOS</u> 2014 Gen 2 adds dynamic protection 2015 Gen 3 adds protection of the <u>SMM</u> 2017 - Gen 4 adds enhanced resilience 2018 2019 -HP Sure Start Gen5 PROVIDES RESILIENCE FOR ALL CORE EMBEDDED PLATFORM FIRMWARE

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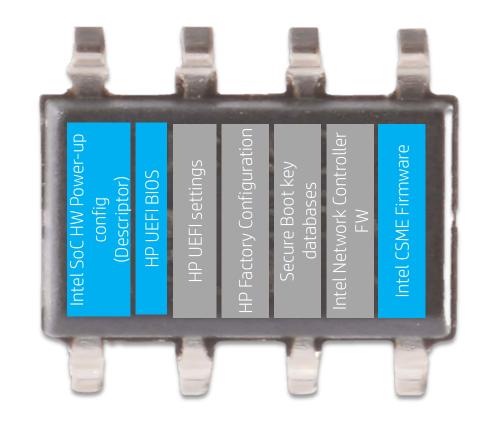
HP'S FLASH PROTECTION GOES

BEYOND THE BIOS

A PC's System Flash includes several components required to boot a PC - not just the BIOS

Modern attacks can erase the entire flash – rendering most PCs bricked

HP SURE START GEN5¹ CAN
RECOVER THE ENTIRE FLASH



Critical to booting system





NUMBERS YOU SHOULD KNOW



2011: BIOS PROTECTIONS

DIOS PROTECTIO

NIST SP 800-147

(2015: ISO 19678 creates an international standard)



2019:

FIRMWARE RESILIENCE

NIST SP 800-193

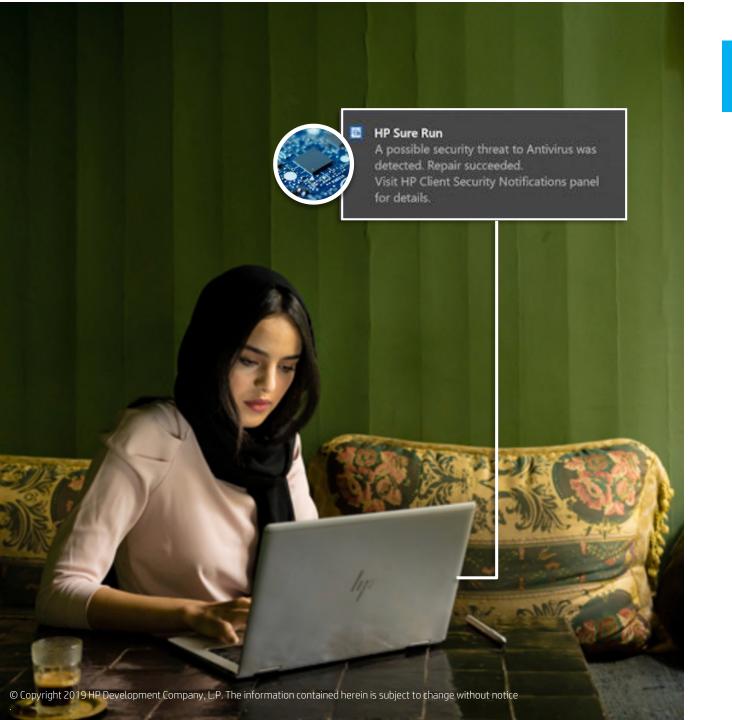
MEETS AND

EXCEEDS

NIST SP 800-193 FOR ALL CORE EMBEDDED PLATFORM FIRMWARE



LEARN MORE: Details in the HP Sure Start Whitepaper



FIGHT BACK AGAINST ATTACKERS TURNING OFF YOUR SECURITY PROTECTIONS

Malware often tries to take down your PC's security protections

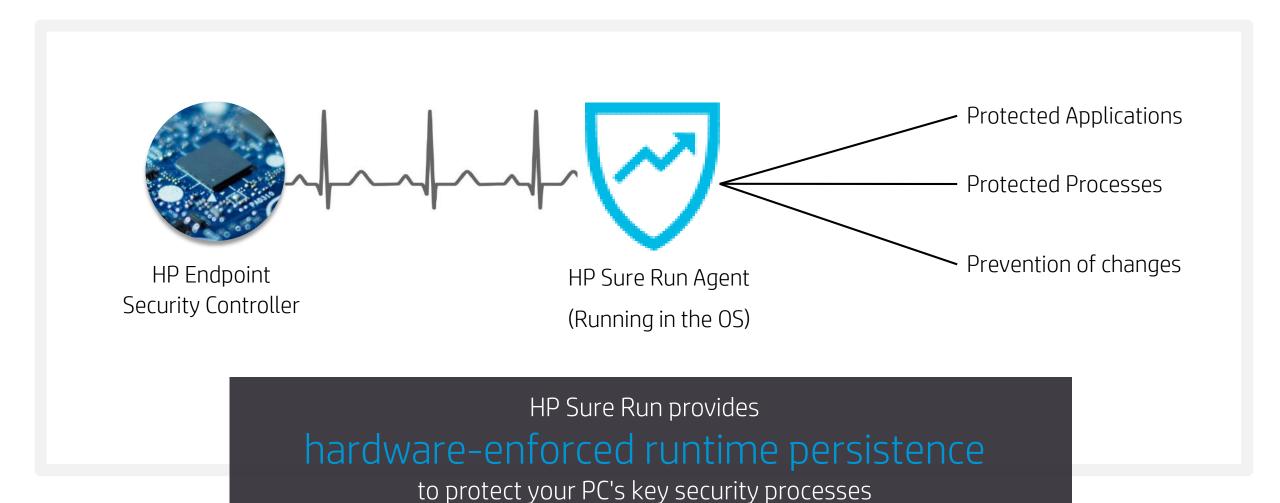
HP Sure Run keeps your security posture strong by:

- Monitoring key processes
- Alerting you of any changes
- Restarting them automatically if they're stopped



WHAT MAKES IT DIFFERENT:

A HARDWARE-ENFORCED "HEARTBEAT"





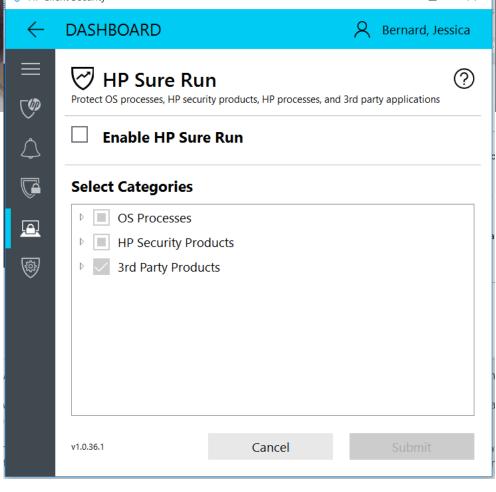


PERSISTANCE FOR ANY SIZE BUSINESS

Advanced security isn't just for the big guys.

HP Sure Run²:

- Can be locally enabled
- No additional charge
- Easy to set up in Client Security Manager





WHAT'S NEW:

HP SURE RUN GEN2

Prevent malware from spreading: guard against settings changes and quarantine noncompliant machines.

SOFTWARE NETWORK ISOLATION:



PC out of compliance



All network connections blocked. Red border indicates quarantine



Connections manually restored with password. PC still out of compliance.



PC returns to compliance, network connections automatically restored.

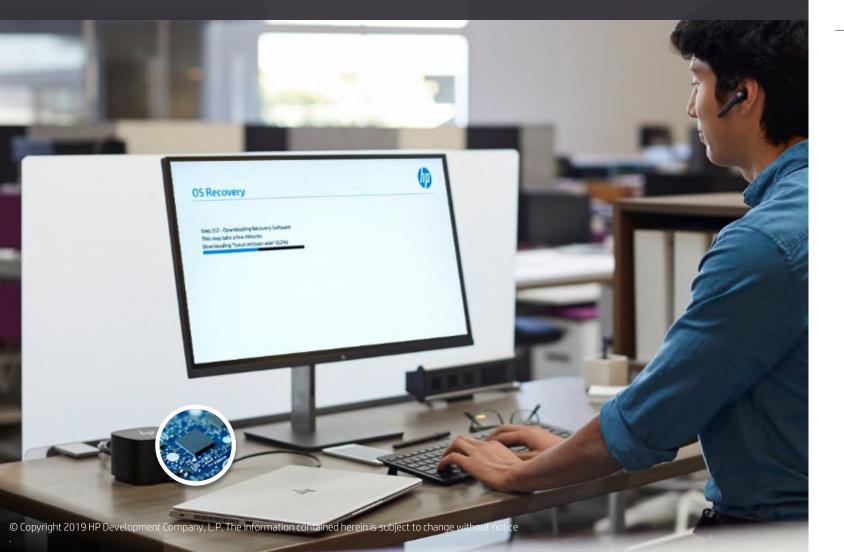
AUTOMATIC RECOVERY IF NO OS IS FOUND

SCHEDULED REIMAGING

TO THE CORPORATE IMAGE

USER EMPOWERMENT

REIMAGE WITHOUT IT



RECOVER QUICKLY AND MINIMIZE DOWNTIME

RESILIENCE is all about bouncing back after an attack.

HP Sure Recover³ offers secure, automated, network-based software image recovery with only an internet connection.

Using the HP Endpoint Security Controller, HP Sure Recover can reimage a PC even if your whole hard drive has been wiped.



HP SURE RECOVER³

Secure, automated, network-based software image recovery with only an internet connection.





HP SURE RECOVER WITH EMBEDDED REIMAGING⁴ No need for a network connection or IT (optional)

RECOVER YOUR OS IN AS LITTLE AS

5 MINUTES

ANYTIME, ANYWHERE¹⁴



***** P@\$\$WORD ** IS DEAD

Use of stolen credentials is the

#1

action in data breaches¹

"...you'll usually crack 80-90% [of passwords] in

<24 HRS"²

Your data has probably already been

BREACHED

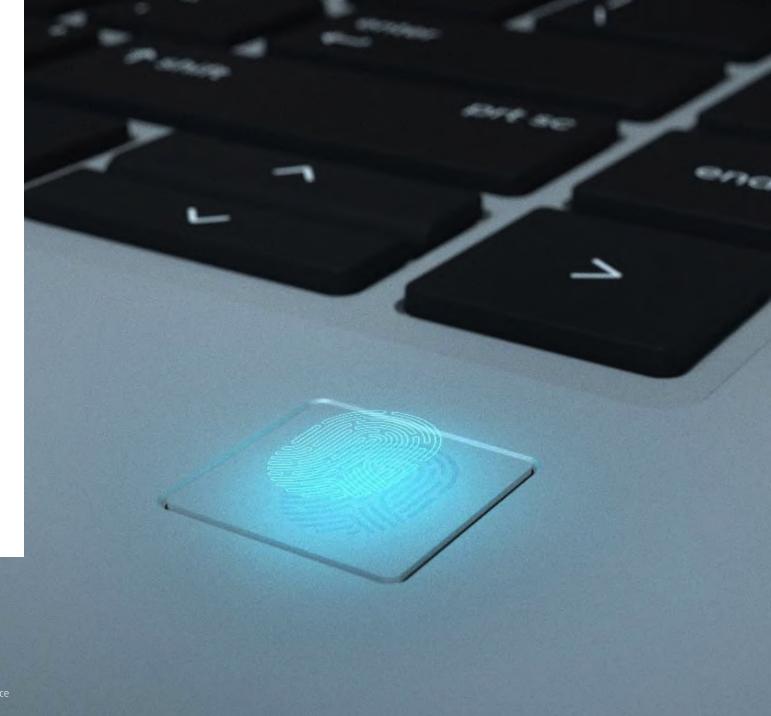
HavelBeenPwned.com

- 1. Verizon 2018 Data Breach Investigation Report, 11th edition
- 2. Brian Contos, "How hackers crack passwords and why you can't stop them", Nov 2017

HARDENED FINGERPRINT SENSORS

Fast and easy authentication, hardened for ultimate security

- Hardened "Match-on-Chip" Technology
- Available on NB, DT, and AiO
- FIPS 201 Certified Sensors (optional accessory)



HP Sure View Gen3² 3 GENERATIONS OF PRIVACY INNOVATION

HP Sure View Gen1

✓ World's First integrated privacy screen³

HP Sure View Gen2

- Better performance in light and dark environments
- ✓ Improved privacy protection
- Flexibility for thinner designs
- ✓ One button on and off

COMING 2019:

HP SURE VIEW GEN 3

- ✓ Improved battery life
- ✓ Better Visuals –brighter display and higher contrast ratio
- ✓ Same exceptional privacy as Gen2

HP EliteBook x360 830 G5



PRIVACY

for the ——

OPEN OFFICE







HP EliteDisplay E243p



HP EliteOne 800 G5 AiO

WORLD'S BRIGHTEST
BUSINESS
CONVERTIBLE¹⁷

WORLD'S FIRST 23.8-INCH DISPLAY WITH AN INTEGRATED PRIVACY SCREEN¹⁸ WORLD'S FIRST AIO WITH AN INTEGRATED PRIVACY SCREEN¹⁹

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SAY GOODBYE TO STICKY NOTES

HP PRIVACY CAMERA ON SELECT NOTEBOOKS PROTECTS FROM MALICIOUS SURVEILLANCE.

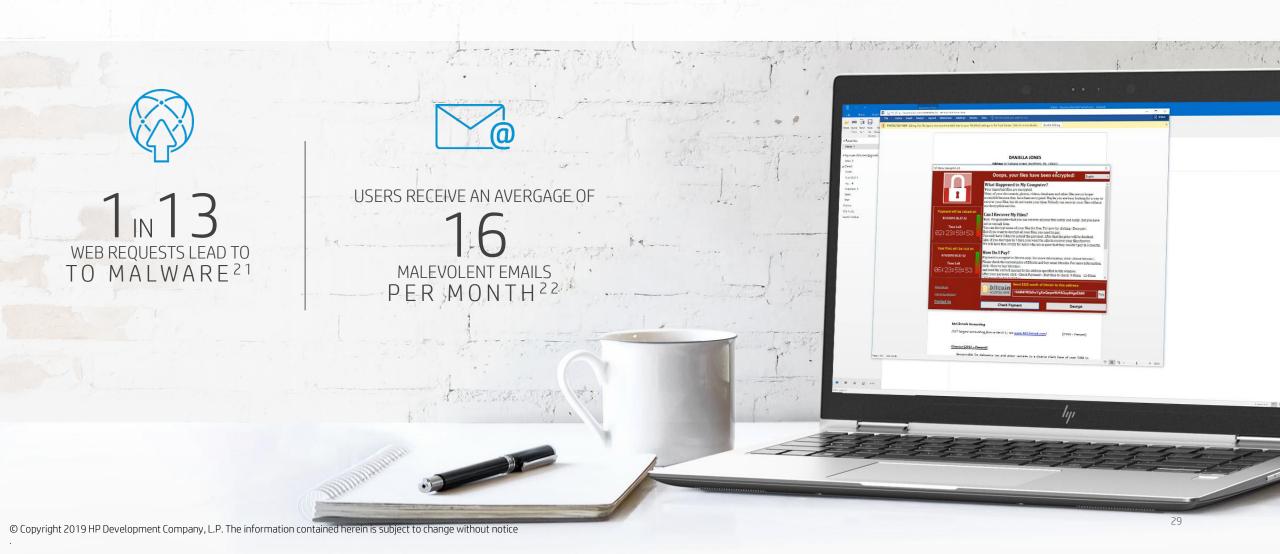
POP-UP PRIVACY

HP PRIVACY CAMERA FOR AIOs AND DISPLAYS PROVIDES A CLEAN LOOK AND ADDED PROTECTION



ATTACKER'S EASIEST WAYS IN TO YOUR ORGANIZATION:

INSECURE BROWSERS AND MALICIOUS OFFICE FILES



HP SURE CLICK: CLICK WITH CONFIDENCE

Open attachments and work online with HP Sure Click⁵



PROTECT AGAINST MALICIOUS WEBSITES

- ✓ Isolates each tab in a secure virtual container
- ✓ Just close the tab, and the malware is gone
- ✓ Easy to use: integrates with IE and Chrome



PROTECT AGAINST BAD ATTACHMENTS

- ✓ Infected files are a common attack vector
- ✓ Protection for Word, Office, Excel and PDF files viewed in read only mode

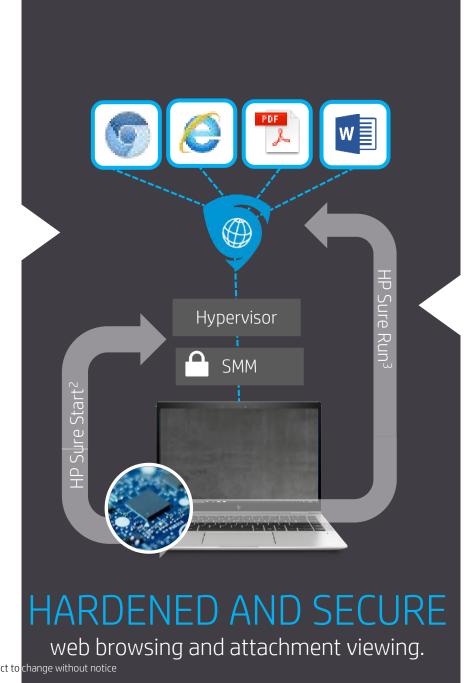
ISOLATION

THAT CAN TRAP

UNKNOWN MALWARE

HP Sure Click⁵ ISOLATES browsers and files in SECURE VIRTUAL CONTAINERS.

Because it doesn't rely on recognizing malware, it can protect against ZERO DAY ATTACKS



HARDWARE-REINFORCED

BY HPs ENDPOINT SECURITY CONTROLLER

HP Sure Run² ensures HP Sure Click⁵ is always up and running.

HP Sure Start¹ protects the SMM, which is the heart of all virtualization technology

MALWARE THREATS ENTER IN 3 WAYS



BROWSER





Office Files

Other Files



Protects via AUTOMATIC ISOLATION

Malware attempting to enter the PC via browser or office documents (introduced via browser or USB) are automatically isolated inside Sure Click Micro-VM





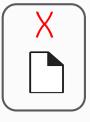


Protects via INTELLIGENT SCANNING

Malware entering the host PC in other ways, including non-office files or the corporate network, are *automatically* scanned and malicious files are quarantined





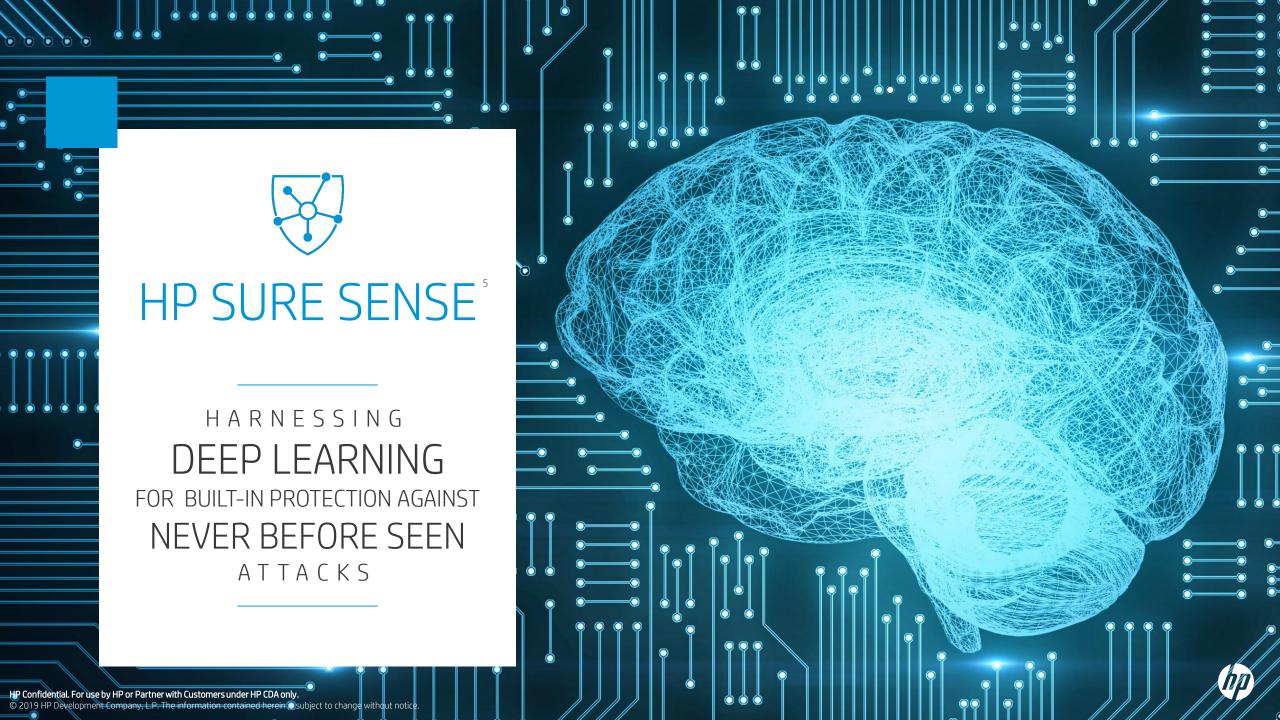


QUARANTINED



LEGACY PROTECTION OFTEN WILL NOT CATCH ZERO-DAY ATTACKS







LEGACY ANTIVIRUS: SIGNATURE-BASED



AI:
MACHINE LEARNING



AI: DEEP LEARNING

Antivirus checks new files against a known list of malware

Al trained to recognize common features of malware

Al trained on raw data so it can recognize malware instinctively



ATTACKS

ONLY





TIME INTENSIVE



FREQUENT UPDATES



SOME NEW ATTACKS



FEATURE ENGINEERING



FREQUENT UPDATES



KNOWN AND UNKNOWN ATTACKS



WORKS IN MILLISECONDS



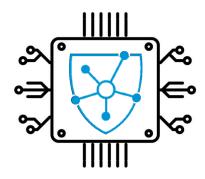
MINIMAL UPDATES





FROM TERABYTES OF INSIGHTS TO MEGABYTES OF INSTINCT





THE BRAIN

Patented deep learning neural network trained to recognize attacks using HUNDREDS OF MILLIONS of malware samples.

CREATE THE AGENT

Brain distilled into the lightweight HP Sure Sense agent, turning TeraBytes of learning into MegaBytes of instinct.



PROTECT THE ENDPOINT

HP Sure Sense agent scans files and quarantines likely malware – with minimal performance impact or need for updates.



LAYERS OF DEFENSE FOR COMPLETE PROTECTION

EVERY COMPANY NEEDS:

AI THREAT PREVENTION

To protect against

never-before seen attacks



HP DELIVERS:



HP SURE SENSE⁵

ISOLATION SOLUTION
Assured protection for your
highest-risk attack vectors



HP SURE CLICK⁶

TRADITIONAL AV
Standard protection
against known attacks



WINDOWS
DEFENDER¹³

RESILIENT HARDWARE

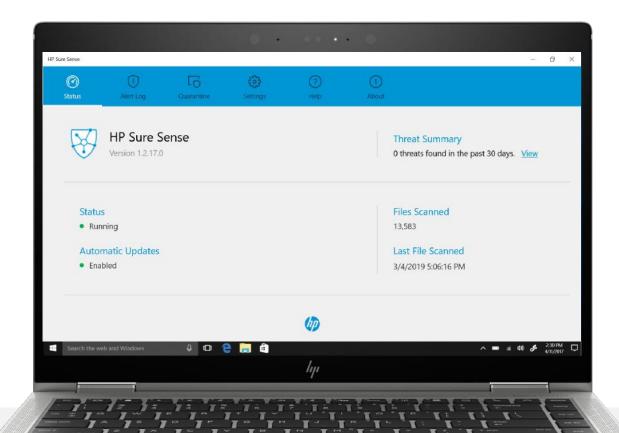
Capable of recovery in

A worst-case scenario



HP ENDPOINT SECURITY CONTROLLER







HP SURE SENSE

HARNESS THE POWER OF DEEP LEARNING

Protect against never before seen attacks before they happen

Works online or offline, with minimal updates

Minimal performance impact

NEVER BEFORE SEEN
ATTACKS



MODERN THREATS DEMAND RESILIENCE.

HP MAKES THE WORLD'S MOST RESILIENT PCs¹²

HP's UNIQUE HARDWARE ENABLES OUR PCs TO SELF-HEAL FROM THE FIRMWARE UP.

MAI WARE IS CHANGING RAPIDLY.

HP SURE SENSE AI USES DEEP NUERAL NETS TO CATCH ZERO DAY ATTACKS.

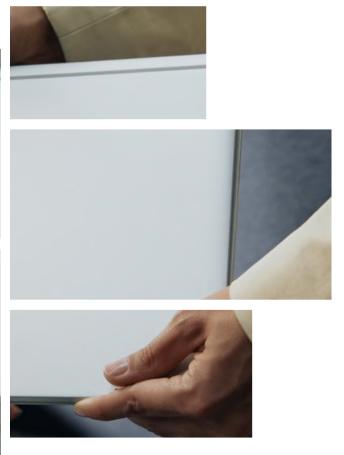
ENFORCEMENT AND FEEDBACK ARE CRITICAL FOR PROTECTION.

HP DaaS PROACTIVE SECURITY²⁴ PROVIDES ENFORCEMENT, ANALYSIS, AND MONITORING FOR YOUR ENTIRE FLEET.



EVERY PC PURCHASE IS A SECURITY DECISION







Are you concerned about printer security?

You should be.

Diane Stilwell
HP Print Specialist
October 2019



Risks and costs of unprotected printing environments

Cybercrime, internal breaches, compliance infringement, and more can hurt your business



of financial firms say copier/printer security is important or very important* 43%

of companies ignore printers in their endpoint security practices*

61%

of organizations reported a printrelated data breach in the past year* \$11.7M

average annualized cost of cybercrime*



The risk is real

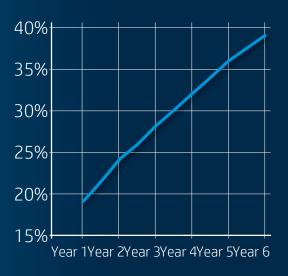
Real-world events reveal an alarming trend



Hacker claims to have within minutes identified roughly

29,000 printers

that were connected to the Internet and could be exploited.*



Percent of breaches over time

The percentage of breaches involving a compromised end point device has more than doubled in the last 6 years*



Today's printers act a whole lot like PCs

Yet only 16% of companies think printers are a high security risk.*





Hardware



Email



Network access



Firmware and software



Internet



Printing security requires an end-to-end approach



Device



Data



Document



Fleet security monitoring and compliance



Security services



Secure the Document





Workplace privacy
Maintain your print
security defenses



Compliance
Secure document
workflows



Anti-counterfeit
Deter document
tampering and fraud



Secure the Data





Authenticate users
Prevent unauthorized access



Encrypt the data
Prevent data theft and alteration



Monitor for threats Identify issues and self-heal



Secure the Device



HP Sure Start

Keeps the BIOS safe and self-heals

Run-time intrusion detection

Monitors run-time operations and self-heals

Whitelisting

Keeps the firmware safe

HP Connection Inspector

Monitors network connections and self-heals

HP Security Manager

Checks and remediates printer settings



Secure printing competitive comparison

Enterprise-class printers and MFPs

		HP	Xerox	Lexmark	Ricoh	Konica Minolta	Kyocera	Canon	Brother
	Sure Start (BIOS protection with self-healing)	•		*Partial	*Partial	*Partial			
	Whitelisting	•		•	•	•			
Device security	Run-time intrusion detection (Self Healing)	•							
	Network Anomaly Intrusion Detection (Self Healing)	•							
	Security policy deployment and remediation	•							
	Integration with Microsoft SCCM (System Center Configuration Manager)	•							
	Access control	•	•	•	•	•	•	•	•
	Encrypted communications	•	•	•	•	•	•	•	•
Data protection	TPM availability	•			•	•		•	
	Embedded encrypted hard drives w/ secured storage erase	•	•	•	Optional	•	•	•	

*Partial - BIOS Protection but lacks **Self Healing**



Don't just take our word for it...

Third-party security software certification

Security Innovation is a leader in software security, and conducts an in-depth security assessment for solutions. Below are the HP compatible solutions that are certified or mid-certification.

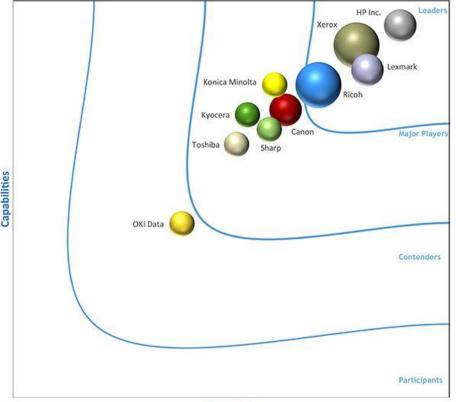
Certified

- HP FutureSmart Firmware
- HP JetAdvantage Security Manager
- HP Access Control
- HP JetAdvantage Secure Print
- HP JetAdvantage Insights
- PaperCut

Mid-certification

- HP Roam
- HP Capture & Route
- UDOX

Leading security solutions and services



Strategies

HP named a Leader in IDC MarketScape WW Security Solutions and Services Hardcopy 2017 Vendor assessment

IDC MarketScape vendor analysis model is designed to provide an overview of the competitive fitness of ICT (information and communications technology) suppliers in a given market. The research methodology utilizes a rigorous scoring methodology based on both qualitative and quantitative criteria that results in a single graphical illustration of each vendor's position within a given market. The Capabilities score measures vendor product, go-to-market, and business execution in the short-term. The Strategy score measures alignment of vendor strategies with customer requirements in a 3- to 5-year timeframe. Vendor market share is represented by the size of the circles.

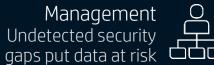


Common imaging and printing vulnerability points

BIOS and firmware Compromised firmware can open a device and network to attack



Storage media Printers store sensitive information that can be at risk





Capture

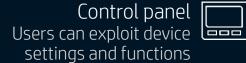
Unsecured MFPs can be used to send scans anywhere







Special media can be tampered with or stolen





Output tray

Abandoned documents can fall into the wrong hands





Mobile printing On-the-go employees may expose data



Types of policy settings

250+ security settings in HP enterprise MFPs

File system access protocols

Device control

Direct connect

ports

Control panel lock

Fax speed dial lock

File erase mode Authentication

services 802.1x

Authentication

FTP Firmware Update

Novell remote configuration

Network Services

Telnet

Job storage authentication

Authentication

Job creation authentication

Send to e-mail authentication

Send to folder authentication

Service Location Protocol (SLP)

Bonjour

Web Services
Ur Discovery
(WS-Discovery)

Device discovery

Link-Local Multicast Name Resolution Protocol

PJL password SNMPv1/v2 SNMPv3

Device PIN presence

Credentials

Admin (EWS) password

File system password Fax PIN

Bootloader password presence

Public username

Allow return email address change

Credential

type

Email

IDAP Server

Authentication

Remote

Firmware

upgrade

Secondary email authentication

Restrict Addresses

Maximum attachment size

TCP/IP Printing (P9100)

Printing

File Transfer Protocol Internet Printing Protocol

Novell (IPX/SPX)



HP JetAdvantage Security Solutions

Video: click screen to play





Getting started





Engage an HP Security Consultant

Bring in the experts



Run an assessment

Know your risks



Develop a plan

Secure your print fleet



HP brings the PageWide Web Press to the office

Over 170 billion pages printed





THE PAGEWIDE DIFFERENCE

AFFORDABLE
COLOR
Step Up From Mono

SIMPLE DESIGN
Fewer Moving Parts

FASTEST
Up to 2X Faster

ENVIRONMENTAL Less Energy

Consumption

PageWide print modes

BIG cost per page savings vs. Color Laser

Professional Color

Laser-like quality on most office papers



Up to 20% lower cost per page

General Office Color

Low cost color for internal documents ~20% less ink consumption



Up to 40% lower cost per page

Accent Color

0.5% color coverage at mono prices



Up to 90% lower cost per page

The PageWide technology advantage

Laser technology requires more parts (core technology and LLCs):

The PageWide advantage: <u>70%</u> fewer parts / costs

- > Laser unit (incl. mirror, motor, etc.)
- > Fuser unit
- > Transfer belt
- Developer units
- Imaging drums
- Doctor blades
- Pressure rollers
- > etc.











HP PageWide Portfolio

PageWide Pro PageWide Enterprise Up to 10 people Up to 15 people Up to 15 people Color SF **A3** HP PageWide Pro HP PageWide Pro HP PageWide Enterprise HP PageWide HP PageWide Pro 452dw - 972A/X Color 556dn - 981A/X/Y Enterprise Color 552dw - 972A/X 755dn-990A/X 765dn - 982A/X RMPV 2.5K to 15K 750 to 4.5K 2.5K to 25K 2K to 7.5K 1K to 6K Color MFP **A3 A3 A3** HP PageWide Ent HP PageWide Pro HP PageWide Pro HP PageWide Ent HP PageWide Enterprise HP PageWide Pro HP PageWide Pro HP PageWide Pro MFP 477dn, dw -MFP 577dw - 972A/X Color MFP 586dn, f, Color MFP 780dn, Color Flow MFP 785f, zs MFP 779dn, dns MFP 774dn, dns-777z-990A/X 972A/X z - 981A/X/Y dns-982A/X -982A/X 990A/X **RMPV** 2.5K to 25K 750 to 4.5K 2.5K to 25K 2.5K to 20K 2.5K to 20K 1K to 6K 2.5K to 15K 2K to 7.5K

PageWide Money-Back Guarantee

Love it, or your money back!

- Buy any qualifying HP PageWide printer and test it within your business. If you're not 100% convinced of the benefits, return the product to HP - within 120 days - for a full refund
- Registration of the new HP PageWide printer is required in order to participate and must be done within (21) days of the purchase
- If you are not completely satisfied, refer to your registration email and click on the link inside for a no hassle return. Apply to return the product within 120 calendar days after purchase date (not registration date)
- Must ship the product back in the original packaging
- Reseller does not need to play a role in the process. HP will
 provide the free shipping label and will issue the refund of the
 purchase price directly to the customer. Reseller would maintain
 all financial benefits of the sale
- Effective May 1st through October 31st 2019

Program URL www.hp.com/go/buyandtry

SKU	Product Description	Series
D3Q16A	HP PageWide Pro 452dw Printer	HP PageWide Pro
D3Q20A	HP PageWide Pro MFP 477dw	HP PageWide Pro
D3Q19A	HP PageWide Pro MFP 477dn	HP PageWide Pro
D3Q17A	HP PageWide Pro 552dw Printer	HP PageWide Pro
	HP PageWide Pro MFP 577dw	HP PageWide Pro
J9V82A	HP PageWide Managed P57750dw MFP	HP PageWide Pro
4PZ43A	HP PageWide Pro 774dn MFP	HP PageWide Pro
4PZ44A	HP PageWide Pro 774dns MFP	HP PageWide Pro
4PZ45A	HP PageWide Pro 779dn MFP	HP PageWide Pro
4PZ46A	HP PageWide Pro 779dns MFP	HP PageWide Pro
4PZ47A	HP PageWide Pro 755dn	HP PageWide Pro
G1W39A	HP PageWide Enterprise MFP 586dn	HP PageWide Enterprise
G1W40A	HP PageWide Enterprise MFP 586f	HP PageWide Enterprise
G1W41A	HP PageWide Enterprise Flow MFP 586z	HP PageWide Enterprise
G1W46A	HP PageWide Enterprise 556dn Printer	HP PageWide Enterprise
L3U42A	HP PageWide Managed MFP E58650dn	HP PageWide Enterprise
L3U43A	HP PageWide Managed Flow MFP E58650z	HP PageWide Enterprise
L3U44A	HP PageWide Managed E55650dn	HP PageWide Enterprise
J7Z04A	HP PageWide Enterprise 765dn printer	HP PageWide Enterprise
J7Z09A	HP PageWide Enterprise 780dn MFP	HP PageWide Enterprise
J7Z10A	HP PageWide Enterprise 780dns MFP	HP PageWide Enterprise
J7Z11A	HP PageWide Enterprise 785f MFP	HP PageWide Enterprise
J7Z12A	HP PageWide Enterprise 785zs MFP	HP PageWide Enterprise
Z5G75A	HP PageWide Enterprise Flow 785z+ MFP	HP PageWide Enterprise







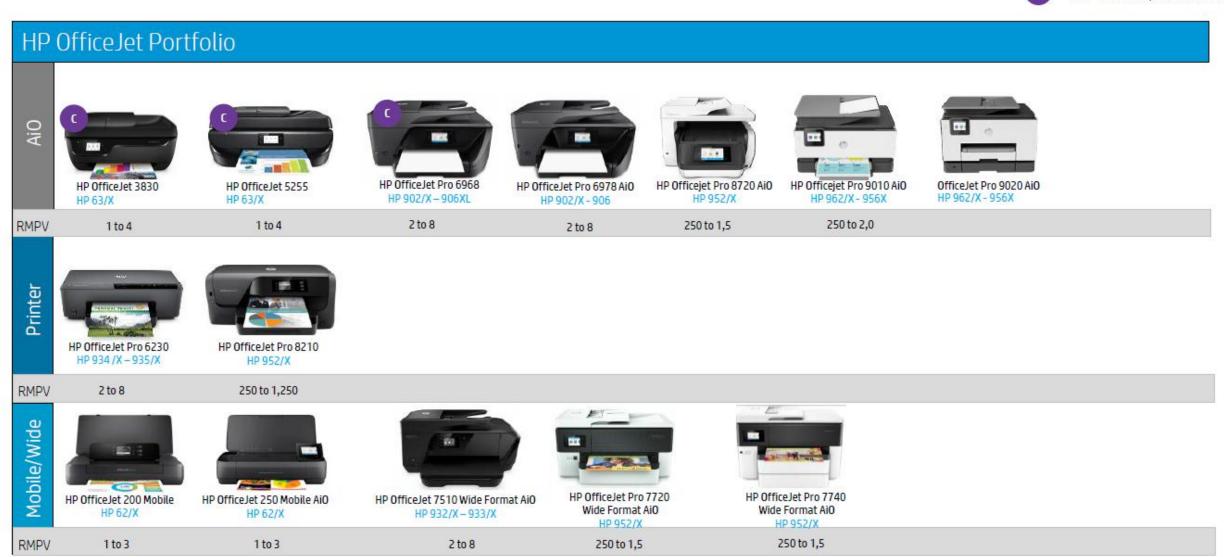
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HP LaserJet and Samsung Portfolio



HP OfficeJet Portfolio





HP ScanJet Award Winning portfolio

Network Ready out of the box

((†)) Wireless Optional Accessory to Option scan from a mobile phone or tablet

Managemen epartment) Document

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B

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Option



Flow 7500 \$1,499 L2725B

- 50 ppm / 100 ipm
- · Legal scanner bed
- · 100 sheet ADF
- 3000 Daily Duty Cycle
- HP EveryPage
- HP SDSS software
- TWAIN SDK ISIS
- Cerner Certified Mac Support



Flow 8500 fn2 Digital Sender \$2,999 L2762A

- 100 ppm / 200 ipm
- 150 sheet ADF
- 10,000 Daily DC
- FutureSmart
- HP EveryPage
- Web Jetadmin
- HP Scan software
- OXP SDK
- TAA compliant
- Cerner Certified
- Mac Support



Flow N9120 fn2 \$3,999 L2763A

- 120 ppm / 240 ipm
- 200 sheet ADF
- 20,000 Daily DC
- 11x17 Media
- FutureSmart
- HP EveryPage
- Web Jetadmin
- HP Scan software
- OXP SDK
- TAA Compliant
- Cerner Certified
- Mac Support

30 ppm / 60 lpm

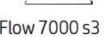
- 50 sheet ADF
- 4,000 Daily DC
- Network scanner
- · Wi-Fi and Wi-Fi Direct
- HP EveryPage
- HP Scan software
- TWAIN SDK ISIS
- TAA Compliant

- 50 ppm / 100 ipm
- 80 sheet ADF
- 6.000 Daily DC
- HP EveryPage
- HP SDSS software
- TWAIN SDK ISIS
- Flow 5000 s4 · Cerner Certified









Flow 7000 s3 \$999 L2757A

 TWAIN SDK ISS TAA compliant

Cerner Certified

HP SDSS software

75 ppm / 150 ipm

80 sheet ADF

7,500 Daily DC

HP EveryPage





Pro 4500 fn1 \$899 L2749A







\$799 L2755A

- 30 ppm / 60 ipm
- 50 sheet ADF
- 2,000 Daily DC
- HP Scan Software
- TWAIN SDK ISIS Mac Support

Pro 2000 s1 \$329 L2759A





Option

Pro 3000 s3 \$479 L2753A

- 35 ppm / 70 ipm 50 sheet ADF
- HP EveryPage
- 3,500 Daily DC
- TWAIN SDK ISIS
- TAA Compliant
- Cerner Certified
- Mac Support



Pro 2500 f1 \$299 L2747A

- 20 ppm / 40 ipm
- 50 sheet ADF
- 1,500 Daily DC
- HP Scan software
- TWAIN SDK
- TAA Compliant
- Mac Support



Pro 3500 f1

\$549 L2741A

- 25 ppm / 50 ipm 50 sheet ADF
- 3,000 Daily DC
- HP EveryPage
- HP Scan software
- TWAIN SDK ISIS TAA Compliant
- Mac Support

Note: ppm = pages scanned per minute ipm = images per minute – all scanners can scan both sides of the page at the same time DC = duty cycle or pages per day ADF = auto document feeder HP EveryPage = ultrasonic sensor that detects misfeeds

Thank You! Questions?

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MYTH:

The industry is prepared for firmware attacks: everyone has BIOS/ firmware security.



While there have been some improvements in industry standards for BIOS protection, HP Sure Start is STILL the world's only self healing BIOS – and your best protection against firmware attacks



WHO NEEDS RESILIENCY? EVERYONE. ON EVERY DEVICE.

HP's security is built in and locally enabled, and also scalable and manageable.



Individuals



Small Businesses



Large Corporations







