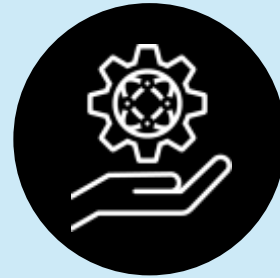# HP Wolf Security

Martin Polák, HP Inc.

HP WOLF SECURITY

Cyber threats continue to evolve as attacks are...

More frequent

Ransomware volume has increased

More sophisticated

'Double-extortion' ransomware damage has skyrocketed 935%

More diverse

Supply chain, PCs, firmware, servers, cloud, networks and identity

hp

Built on 20+ years of endpoint security innovation

Setting endpoint security industry standards
Established standards for TPM, BIOS, Firmware Resilience

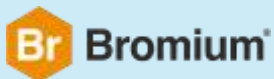HP LABS TRUSTED COMPUTING GROUP NIST National Institute of Standards and Technology ISO

Pioneering hardware-enforced security

Close security partnerships to drive industry state of the art (Intel®, AMD® and Microsoft®)

Strengthened security advancements with Bromium
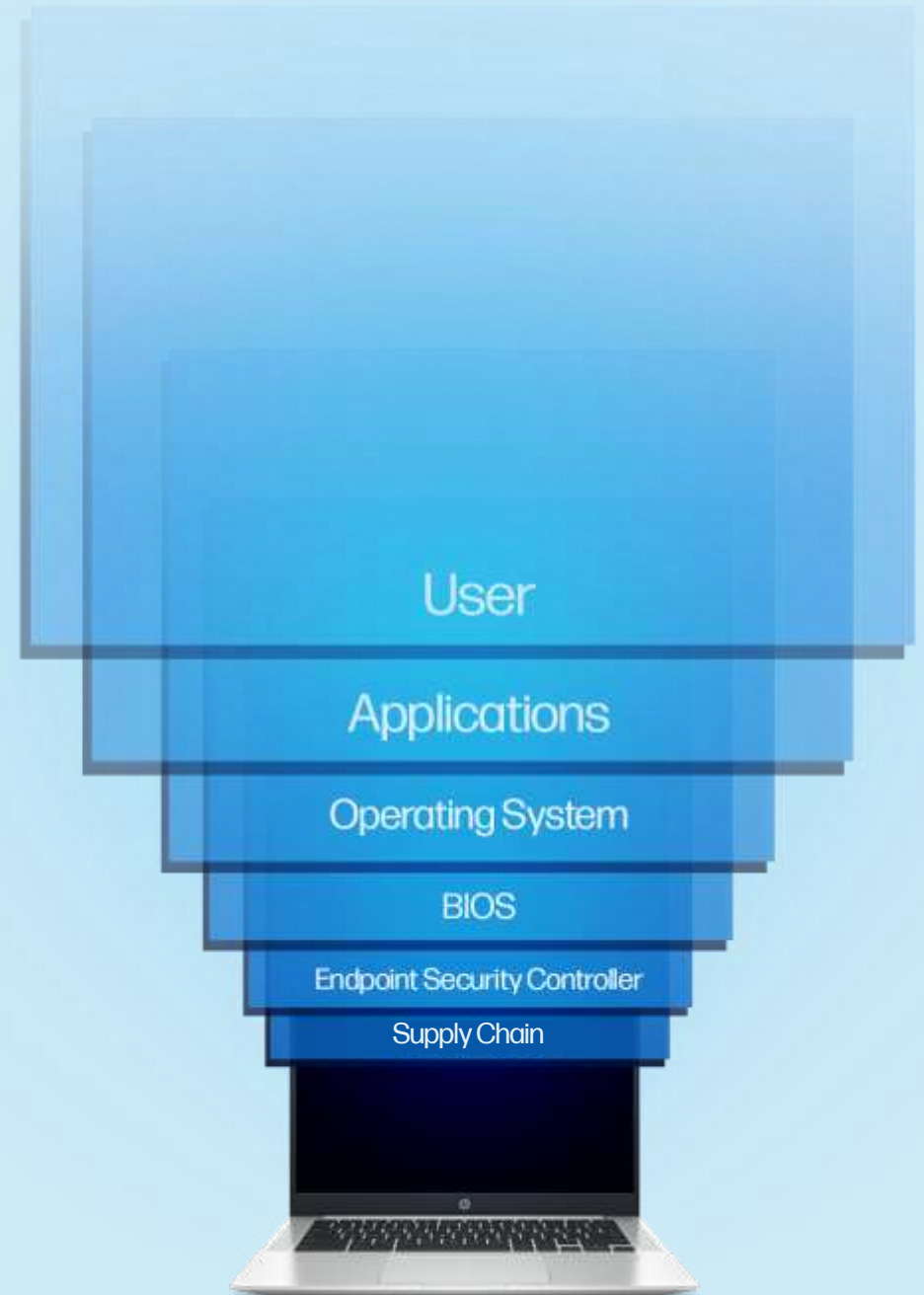
HP | Br Bromium®

HP WOLF SECURITY

Security is in our DNA

HP Wolf Security

Resiliency at every level

Equipping businesses with PC resiliency and protection below, in and above the OS

HP WOLF SECURITY

User

Applications

Operating System

BIOS

Endpoint Security Controller

Supply Chain

Protection from firmware attacks

THE PROBLEM

Firmware attacks present a high-impact risk to our business. We need to be able to detect and recover before a firmware attack takes over or corrupts a device.

THE SOLUTION

HP Sure Start ensures only trusted firmware code is executed. If a firmware deviation is detected, HP Sure Start[14] will replace the BIOS with a safe copy.

Physical PC intrusion protection

THE PROBLEM

Unattended devices in transit throughout the supply chain process or by our employees leave our PCs susceptible to physical tampering.

THE SOLUTION

HP Tamper Lock will trigger an alert and security measures upon a physical breach, protecting the PC and sensitive information from unauthorized access.

Protection not reliant on detection

THE PROBLEM

Our employees aren't security experts and are susceptible to mistake that could lead to a successful ransomware and phishing attacks.

THE SOLUTION

HP´s SureClick and HP Sure Access uses hardware-enforced isolation to prevent malicious email links, files, and web link from causing harm to the PC.

Keep security defenses running

THE PROBLEM

We are at risk if any of our security defenses go down. We need a PC that can resiliently respond to malware attempting to disable our defenses.

THE SOLUTION

HP Sure Run monitors HP security solutions and will automatically restart/restore/remediate these defenses if they're ever disabled or attacked.

Hassle-free reimaging

THE PROBLEM

Cyberattacks can render a fleet of PCs unusable. Remotely recovering these PCs at scale is costly and requires users to sit and wait for IT's help.

THE SOLUTION

HP Sure Recover can quickly restore the OS when the hard drive has been compromised or corrupted, without the need of IT intervention.

Protect lost or stolen PCs

THE PROBLEM

PCs that go missing in action can end up in the wrong hands and put the business's data and network at risk of being stolen or compromised.

THE SOLUTION

HP Protect and Trace can find a lost device to quickly retrieve it, and lock or erase a missing PC to protect sensitive information from getting into the wrong hands.

Validate the integrity of the PC

THE PROBLEM

Changes to the PC components after leaving the factory pose a cyber risk to the business. We need to validate the PC is unchanged and safe to use.

THE SOLUTION

HP Platform Certificate creates a cryptographic manifest for customers to validate that no unexpected changes occurred since the device left the HP factory.

Thank you!

HP WOLF SECURITY