

HP Sure Click Enterprise: Zero-Trust Security at the Endpoint.

Threat containment technology implements a "default deny" for the most at-risk applications.



What is Zero-Trust security?

Zero-Trust network security strategies require that no user or device is trusted to access the network until their identity and authorization are verified. This strategy views everything that connects to the network as inherently insecure and potentially dangerous to the network and requires continuous proof of security and authentication. This model of security has been adopted as a security best practice for business and federal agencies¹ in the United States.

Zero Trust's weak link: the Endpoint

Even though time, effort, and money are spent on establishing Zero-Trust security across the network, the weakest link is still at the endpoint. Users give malware access to their devices by being tricked into interacting with malicious content engineered to circumvent antivirus and other security solutions. With cyber-attacks increasing in sophistication, the rising cost of a data breach, and a shrinking IT security budget, a new approach to Endpoint Zero Trust security is needed.

Zero-Trust Endpoint Security

HP Sure Click Enterprise takes a 100% Zero-Trust security approach and assumes that all content is potentially dangerous. This ensures that even if a threat slips past other security measures (e.g., Antivirus, EDR), HP's threat isolation technology will capture and eliminate it before it causes damage.



- 69% of threats isolated by HP threat isolation software came from emails.²



- 14% of malware bypassed antivirus and other traditional email security applications.²

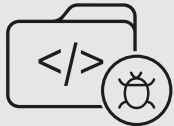
SURE CLICK



Sure Click Enterprise³ prevents attacks from infecting the endpoint by creating micro-virtual machines⁴ (micro-VMs) that secure higher-risk user tasks, from surfing the web to opening emails and downloading attachments.

With HP threat isolation, each potentially risky activity is isolated in its own Micro-VM, where it cannot infect the PC. When a task is closed, the Micro-VM and any threat it contains are disposed of, instantly eliminating the danger of a breach. This approach dramatically decreases the attack surface without changing how end-users use their email, browsers, or data. It seamlessly works with all existing security products, complimenting existing investments to extend Zero-Trust to the endpoint.

KEY FEATURES



ISOLATION FOR ZERO-TRUST

Isolation is a true Zero-Trust approach: all content is contained in micro-virtual machines, independent of threat type or attack vector.



REAL-TIME THREAT INTELLIGENCE

Isolated malware generates Threat Alerts for SOC analysts and sends Threat Feeds to third-party systems to help harden the defensive infrastructure.



FORTIFY ATTACK VECTORS

Out-of-the-box protection for key attack vectors such as email attachments, phishing links, and file downloads without wading through complex configuration settings.



WORKFLOW-BASED THREAT TRIAGE

Augment threat intelligence, speed up analyst identification of true positives for resolution, and proactive remediation across Sure Click protected and non-Sure Click systems.



REPORTING AND INTEGRATIONS

Cloud or on-prem management and data retention. Easily see and share the value of Sure Click with executive summary (CISO/ CIO) reports. Integrate with existing SOC tools and processes via API.

Summary

For additional information on how HP is driving innovation for Endpoint Security view our other resources:

[HP Security Resources page](#)

[Security for a Hybrid Workplace](#)

[Masonicare Case Study](#)

¹Executive Order on Improving the Nation's Cybersecurity, please visit [Executive Order on Improving the Nation's Cybersecurity | The White House](#) for details.

²HP Threat Report Q2 2022

³HP Sure Click Enterprise is sold separately. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files, when Microsoft Office or Adobe Acrobat are installed. For full system requirements, please visit [System Requirements for HP Sure Click Enterprise](#) for details.

⁴Definition of Micro-virtual machine or "Micro VM"