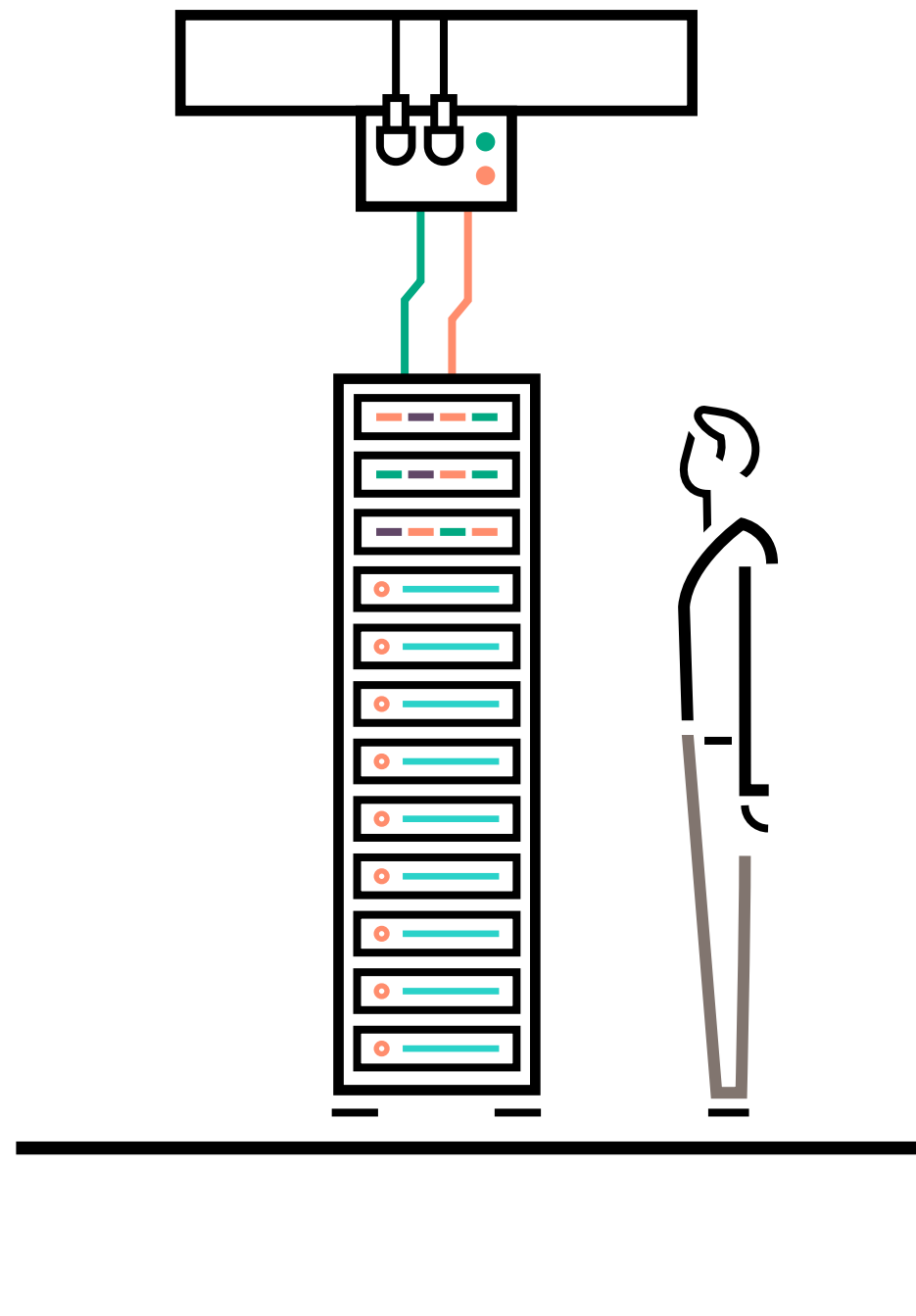


IT Security: How Do You Defend the Indefensible?

In a world without definable, defensible perimeters, how do you protect critical data and assets in your small or midsize business? Well, you start by deploying infrastructure components that are designed with security baked in at every level, from the core to the cloud and everywhere in between.



What's the Problem?

Currently, when it comes to security, IT is dealing with a few potential problems.



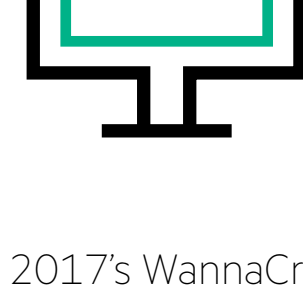
Worldwide, **half a million** attack attempts occur every minute.¹



\$9M is lost to cybercrime every year.²



98% of companies were hit with malware in 2016.²



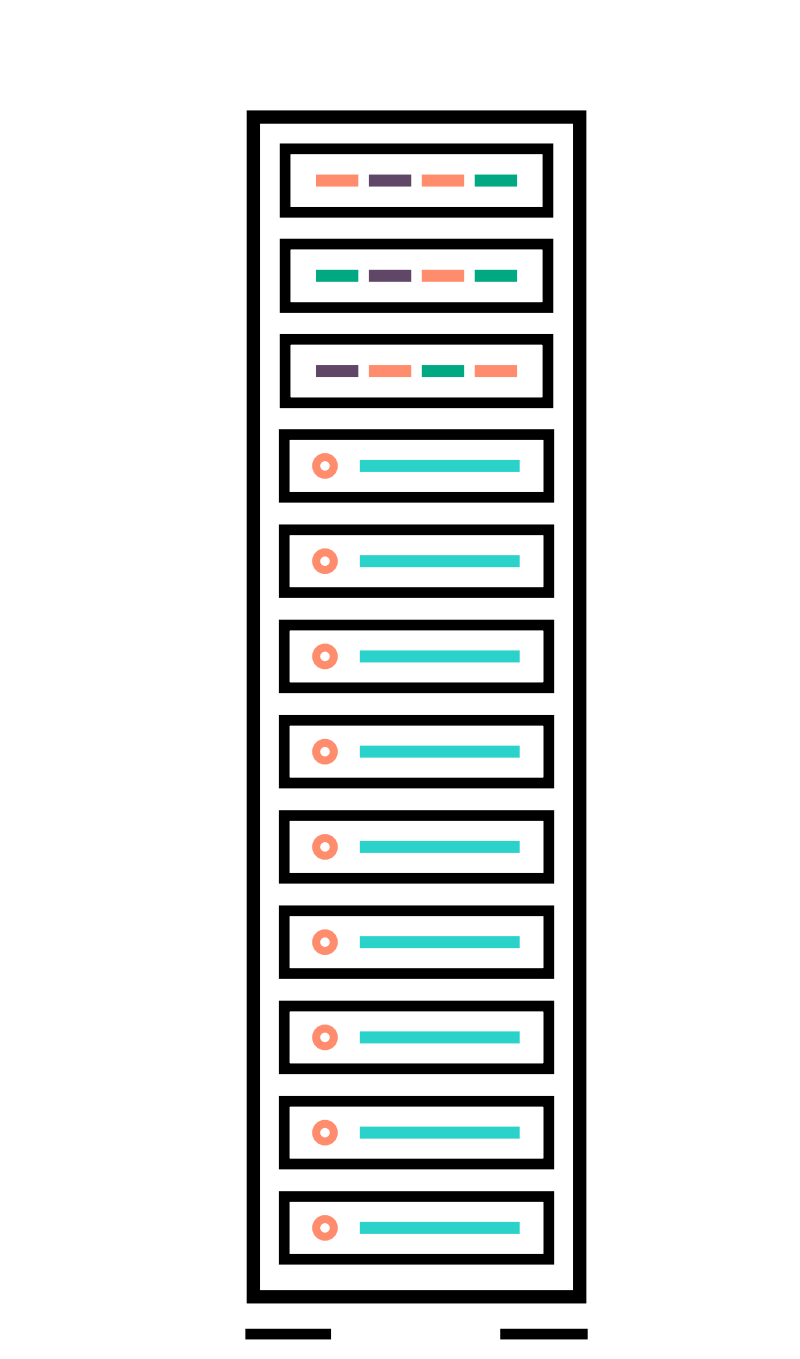
2017's WannaCry has affected over **500K devices** in **150 countries** so far.³

What's an IT pro to do?

The HPE Just Right IT portfolio of purpose-built networking, servers, storage, and services solutions are designed to meet the unique needs of companies of all sizes, working together to provide better security, control, and customization.

Server Security: Start Off Strong

The world's most secure industry-standard servers,⁴ HPE ProLiant Gen10 servers—featuring Intel® Xeon™ processors—form the foundation of an IT security strategy, from boot up to shut down. HPE provides:



A "Silicon Root of Trust" that anchors firmware directly into the hardware

Daily automatic firmware code scanning

Advanced audit log scanning

A valid, secure firmware copy stored in a lockbox

Automatic firmware recovery in the event of a breach

CNSA, FIPS, NIST, and CC certifications

Data and Storage Security: Protect the Bits and Bytes

HPE storage technologies help protect your most vulnerable data, whether in motion or at rest. HPE provides:

HPE Digitally Signed Firmware that protects HDDs and SSDs from attacks

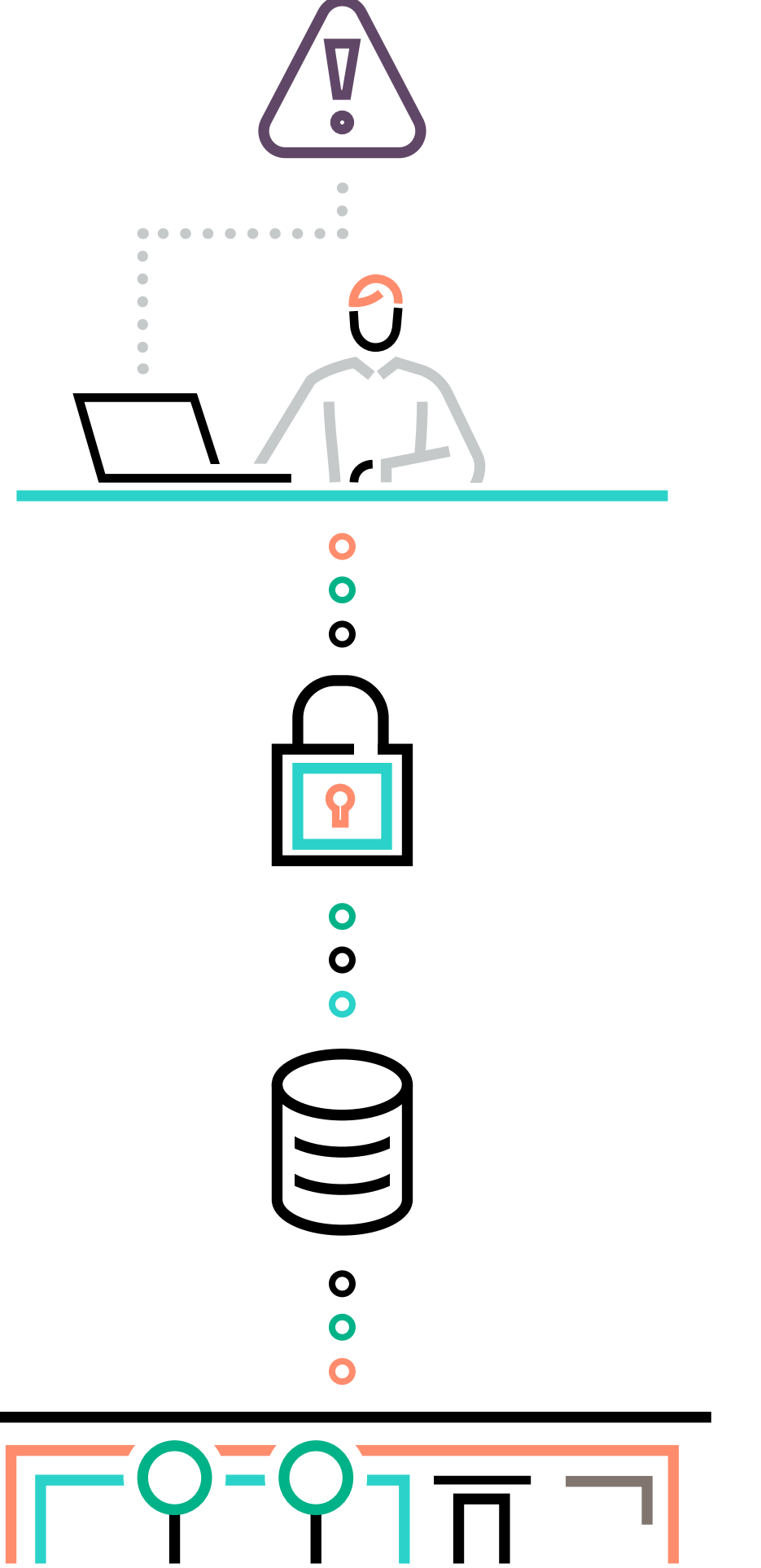
HPE Smart Array SR Encryption, a controller-based data-at-rest encryption solution

Nimble flash storage with 6-nines of uptime and InfoSight predictive analytics

HPE SecureStorage volume-level encryption

HPE SecureFile enterprise document and file encryption

HPE SecureData end-to-end data security for enterprises, merchants, and payment processors



Network Security: Keep Tabs on Your Connections

HPE can help secure access and activity across a complex array of devices on wired and wireless networks. HPE provides:

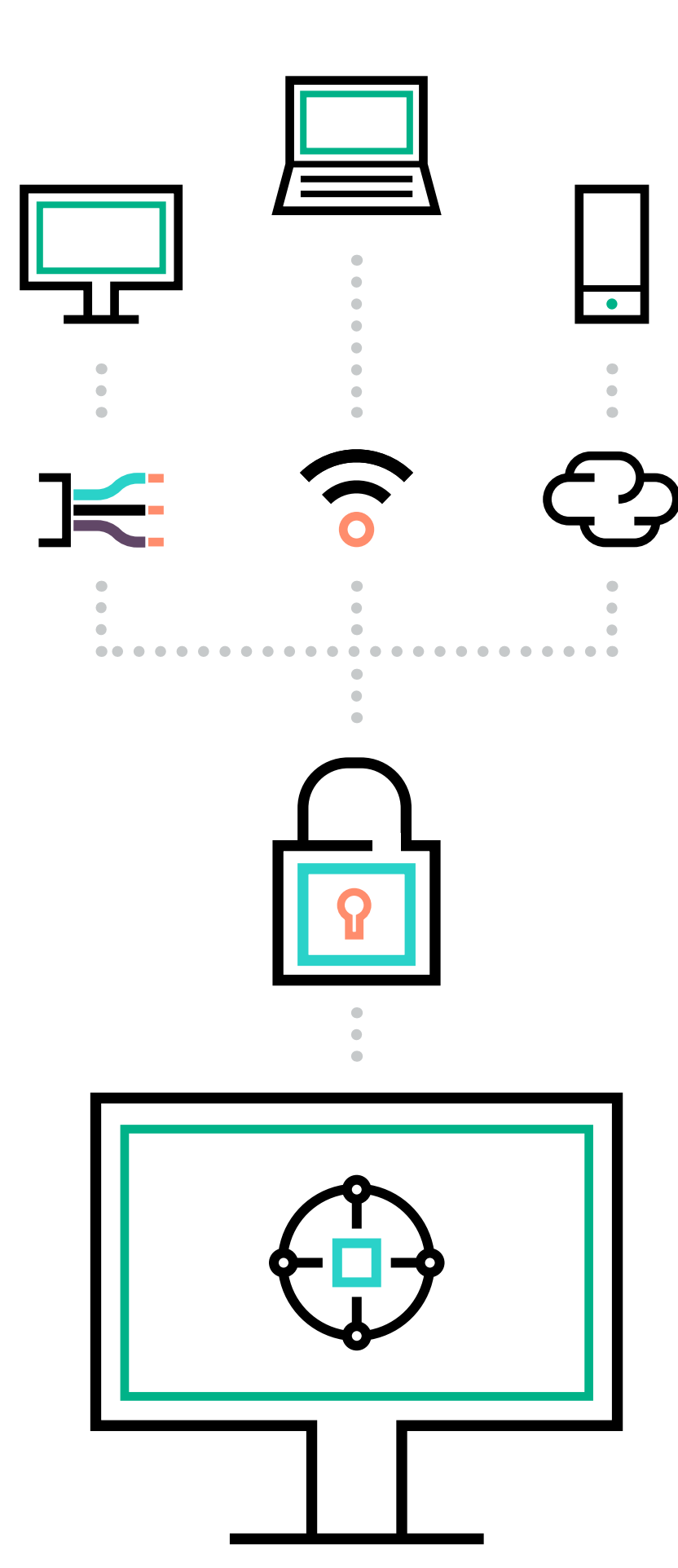
Aruba Instant access points with built-in firewalls along with intrusion detection and prevention

Aruba AppRF for deep packet inspection and web content filtering

Aruba ClearPass consistent policy control across wired and wireless networks

High-availability switches with multi-level access controls and advanced DDOS protection

Software-defined networking solutions for zero-threat protection at the edge



Software That Brings It All Together

HPE software helps IT pros bring all aspects of security together, providing cloud-based management tools that allow you to manage the pieces or the whole. HPE provides:

HPE Integrated Lights Out (iLo) built-in server management software that allows you to configure, monitor, and update any HPE server from anywhere

HPE Insight Online, which allows you to monitor the servers in your IT environment from anywhere at anytime

HPE StoreVirtual Centralized Management Console (CMC) for streamlined storage provisioning, configuration, and management

Aruba Central for simple, secure and cost-effective management of Aruba Instant access points, switches, and controllers from the cloud

Aruba ClearPass Universal Profiler, which identifies all connected devices, including controllers and switches, providing granular visibility into the network

HPE OneView, which provides template-driven management, provisioning, monitoring, alerting, and reporting across servers, storage, and networking



HPE Just Right IT Solutions Keep You Covered

You deserve the confidence of knowing that your infrastructure protects you against threats that could disrupt your operations or compromise your data. HPE is committed to bringing unmatched security solutions to every corner of your data center. Let HPE help you:



Lock down your infrastructure



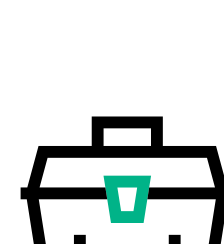
Protect confidential data



Monitor vulnerabilities



Facilitate regulatory compliance



Stay ahead of future threats

Chat Live with an HPE Specialist

hpe.com/us/en/solutions/transform-hybrid.html

Sources:

¹ "Biggest cybersecurity threats in 2016," *CNBC*, December 28, 2015. [cnbc.com/2015/12/28/biggest-cybersecurity-threats-in-2016.html](https://www.cnbc.com/2015/12/28/biggest-cybersecurity-threats-in-2016.html)

² "2016 Cost of Cyber Crime Study & the Risk of Business Innovation," *Ponemon Institute*, October 2016. [hpe.com/us/en/resources/solutions/cyber-security-analysis.html](https://www.hpe.com/us/en/resources/solutions/cyber-security-analysis.html)

³ "WannaCrypt botnet tracker," *MalwareTech*, Accessed 6/16/17. intel.malwaretech.com/botnet/wcrypt/?t=1m&bid=all

⁴ Based on results of external penetration testing of servers from different manufacturers