

Welcome

To your Day

Katrien Vandewaerde – Accountmanager Public sector



Agenda of Today

10.00u

Ontvangst met koffie

10.30u

De hybride werkplek

- Intro - Thierry Delcor
- PC mega trends - Thierry Delcor
- Print in de hybride werkplek - Ivo Van Campenhout
- De Power of Poly - Kristof Maes
- Security - Jan Das
- HP Sustainability en Digital For Youth- Katrien Vandewaerde en Hans De Backer
- HP Services - Jelle De Greef

12.15u

Lunch en netwerkmoment

13.00u

De hybride en duurzame werkplek: let's make it happen - Ives Ledegen, Inetum-Realdolmen

14.00u

Demo

15.00u

Afsluiting van de dag met een tasje koffie



Welcome

To your Day

Thierry Delcor – Sales director Public sector Belux



A modern lounge area with large green wall murals featuring white line art of constellations and geometric patterns. People are sitting on sofas and armchairs, some looking at laptops. The room has large windows, a high ceiling with a geometric light fixture, and various plants and decor items.

The world has changed
The journey to the new world
Your ticket for the journey

A modern lounge area with large green wall murals featuring white line art of constellations and geometric patterns. People are sitting on sofas and armchairs, some using laptops. The room has large windows, a high ceiling with a geometric light fixture, and various plants and decor.

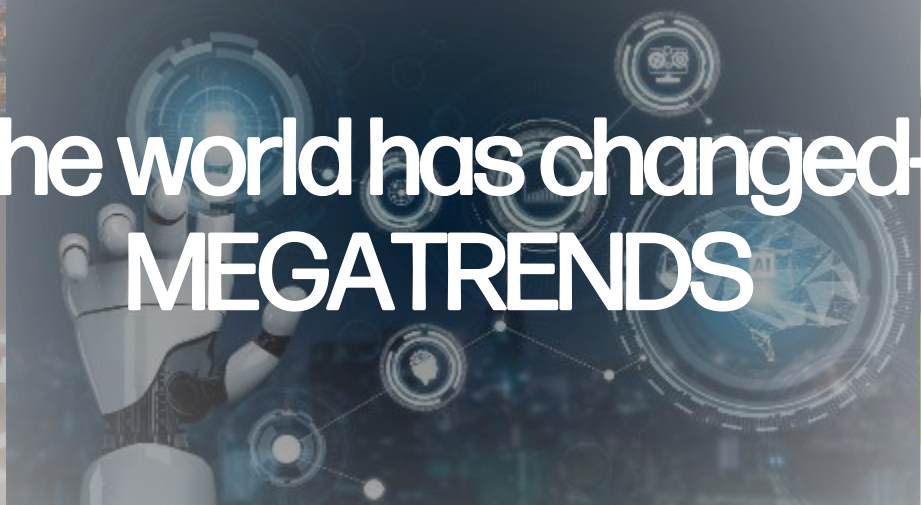
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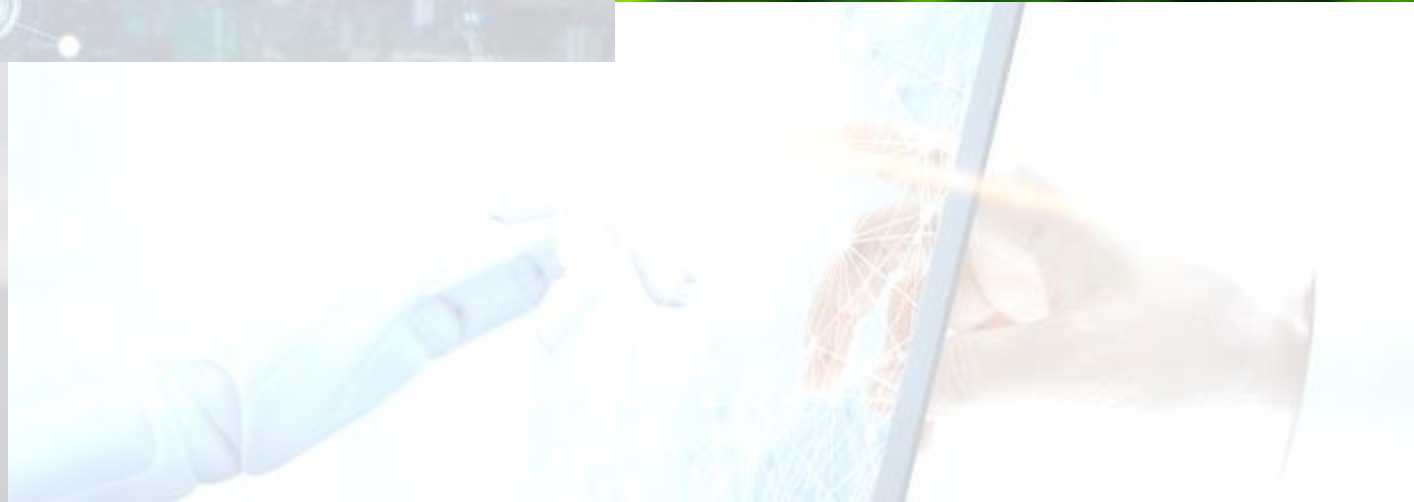
The world has changed- MEGATRENDS







**Health and
sustainability**







Digital Transformation



Technology As super-enabler



A modern office interior featuring a long wooden table in the foreground, a small round table with four grey chairs in the middle ground, and two yellow and white armchairs with side tables in the foreground. The ceiling has several large, orange, conical pendant lights and smaller white cylindrical lights. The walls are a mix of grey and white, with glass partitions on the right side. The floor is covered in a grey carpet with pink and white stripes.




THE OFFICE
Has changed as well

The office has become hybrid

OFFICE BY DEFAULT



HYBRID BY DESIGN

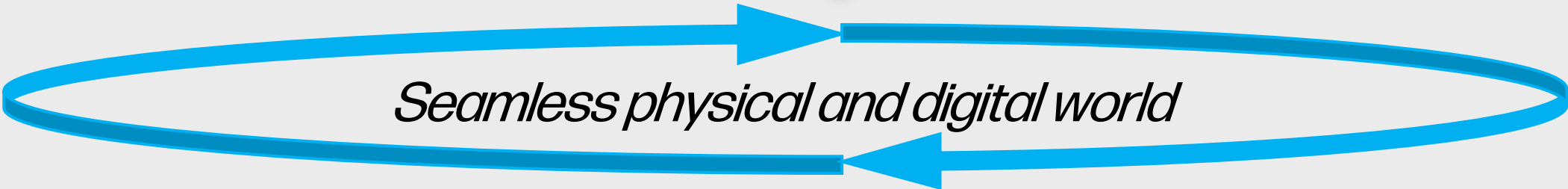
WORKFORCE	WORKPLACE	WORKSTYLE
<p>More Distributed</p> 	<p>More Collaboration</p> 	<p>More Cloud</p> 

The office has become hybrid

An office

Working
From home

Working
On the go



The office has become hybrid

CULTURE FIRST OFFICE

Super-performing office for employees



A culture hub for socializing and collaboration
Flexible, dynamic and intuitive spaces for any type of work
New desired experiences that inspire employees

PRODUCTIVITY FIRST HOME

Ecosystem of devices seamlessly working together



Flexibility, productivity and deep thinking
An optimized set-up for the long-term
Clear and transparent support services and models

Optimized mobility around the working space

Wellbeing and mental health support

Equivalent digital presence regardless of location



The world has changed

The journey to the new world

Your ticket for the journey

The journey to the new world

Major area's of focus to make your journey successful



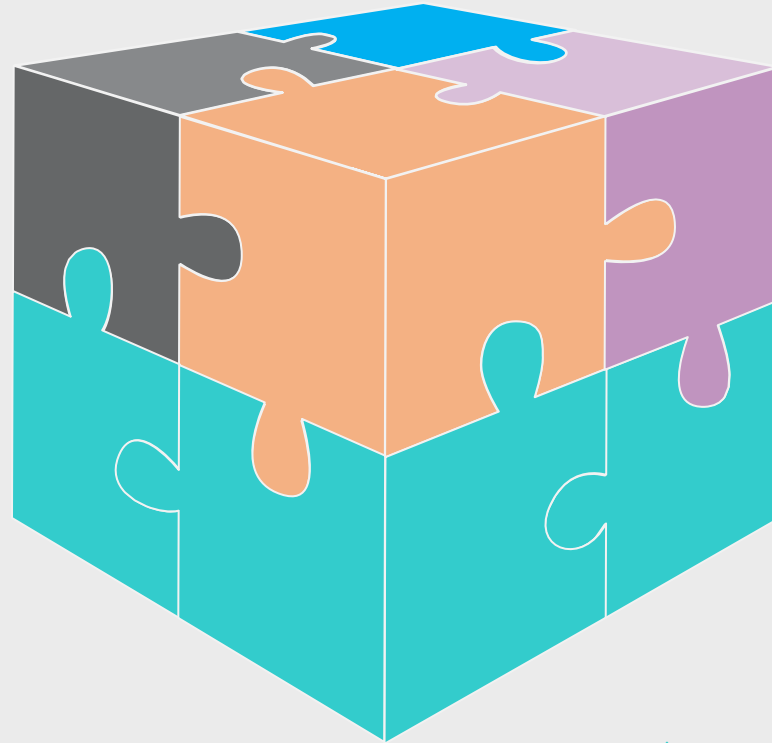
Productivity

In all parts of the hybrid office



Security/Manageability

Because during a journey, things will happen



Collaboration



Having people interact with each other in the most efficient way

Data Driven



To enable you to take the right decision

Sustainability



As foundation to everything we do

The journey to the new world

Major area's of focus to make your journey successful



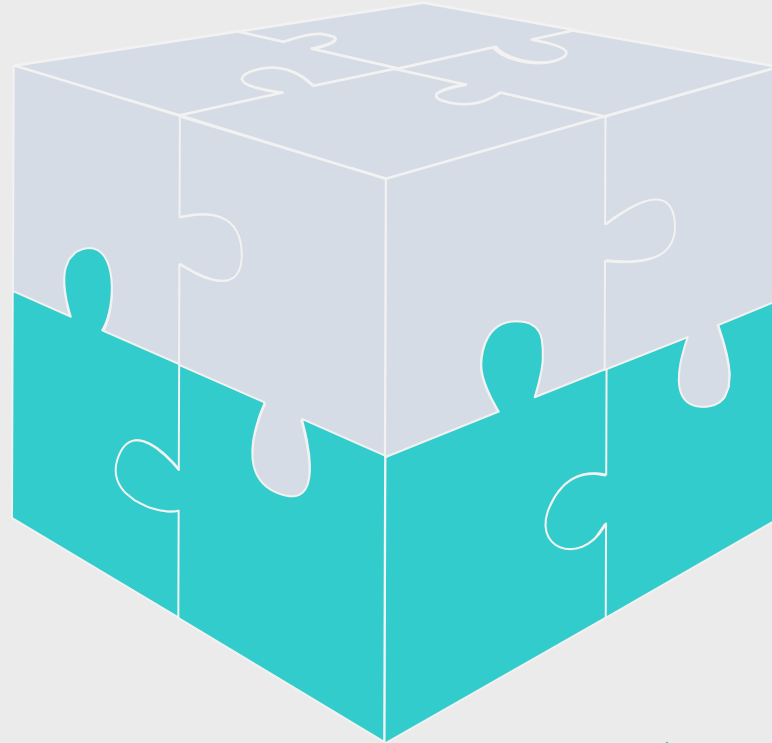
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By 2030, we intend to become
the most sustainable and just
technology company.



Climate Action



Human Rights



Digital Equity



Climate action

Drive toward a net zero carbon, fully regenerative economy while engineering the industry's most sustainable portfolio of products and solutions.



Human rights

Create a powerful culture of diversity, equity and inclusion. Advance human rights, social justice, racial and gender equality across our ecosystem, raising the bar for all.



Digital equity

Lead in redefining outcomes to break down the digital divide that prevents too many from accessing the education, jobs and healthcare they need to thrive.

We must drive digital inclusion toward a world of equitable access to improve the lives of our communities.

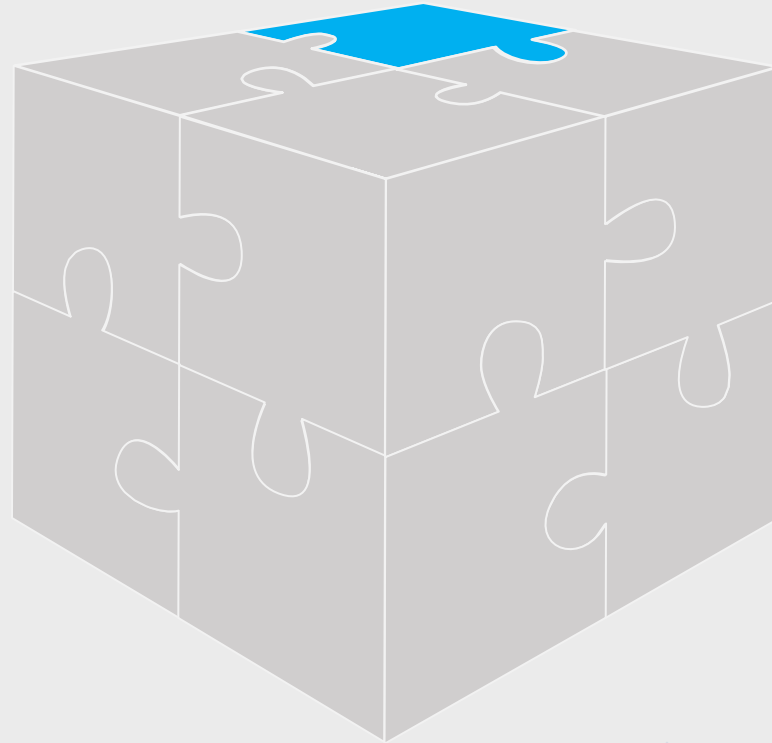
The journey to the new world

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The journey to the new world

First step of the journey. Identifying the persona's

WHO:
PROFILES

MOBILE TRAILBLAZER

HOME & OFFICE
NAVIGATOR

FRONTLINE & BACK
OFFICE HERO

POWER USER

PROFESSIONAL
CREATOR

WHERE:
WORKPLACE

WORK FROM HOME/REMOTE ONLY

WORK FROM OFFICE ONLY

HYBRID-WORK AT HOME SOME TIME, MOBILE

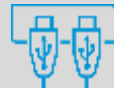
WHAT:
TOOLS

OFFICE/COLLABORATION APPLICATIONS

BUSINESS SPECIFIC APPLICATIONS

SYSTEM SPECIFIC 

HOW:
NEEDS/CONCERNS



The journey to the new world

Major area's of focus to make your journey successful



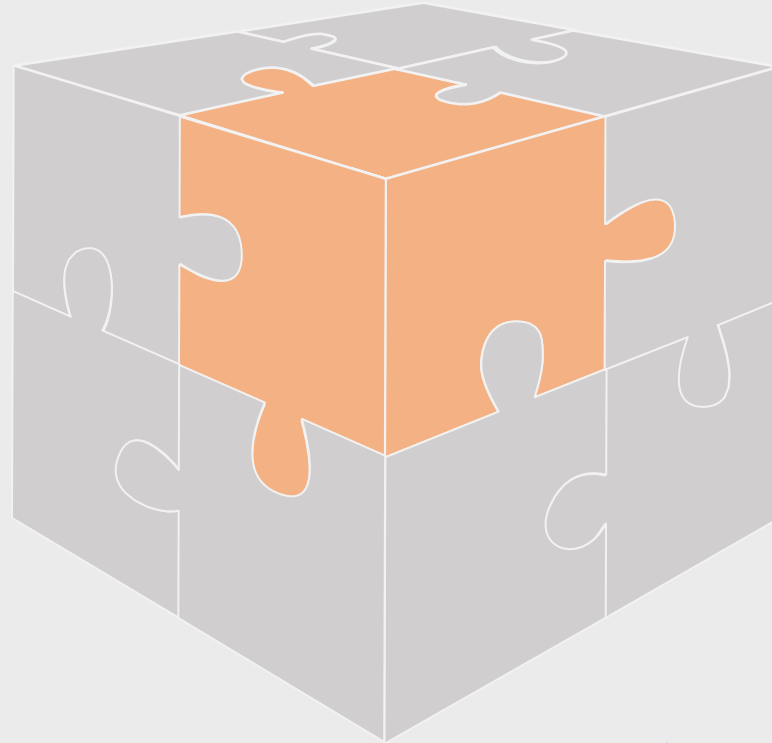
Productivity

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The journey to the new world

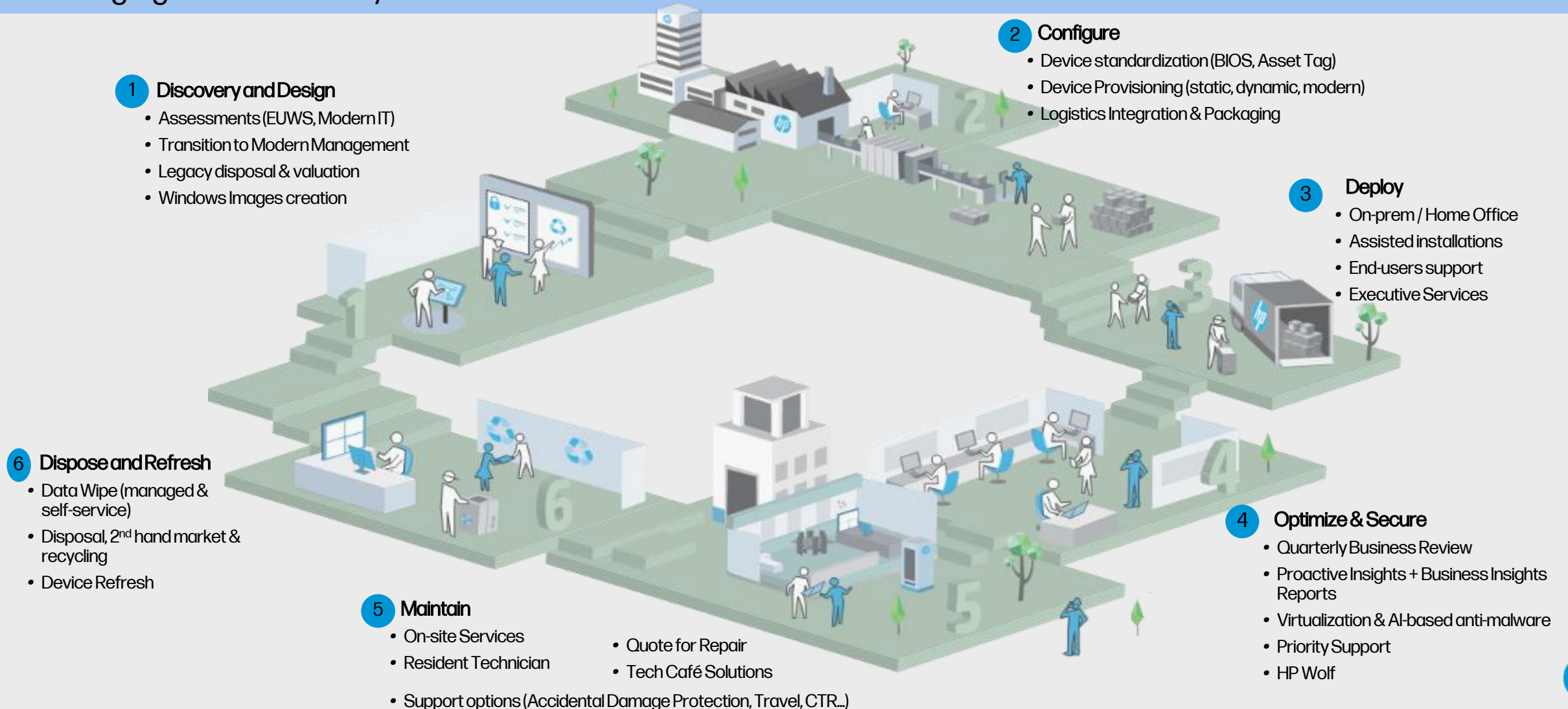
Security

*Every IT Decision
Is a Security Decision*



The journey to the new world

Managing the entire lifecycle of the device



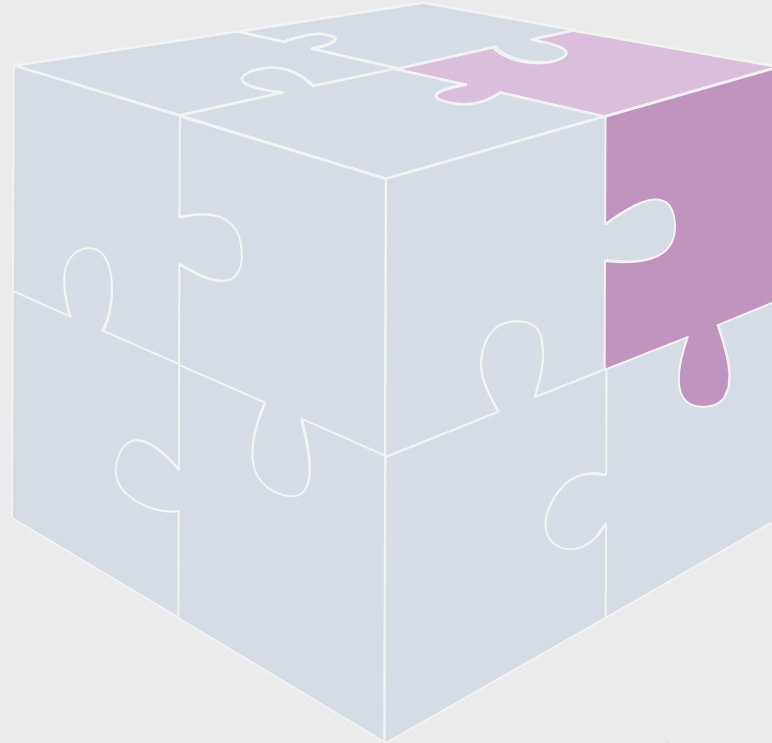
The journey to the new world

Major area's of focus to make your journey successful



Productivity

In all parts of the hybrid office



Security/Manageability

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Collaboration



Having people interact with each other in the most efficient way

Data Driven



To enable you to take the right decision

Sustainability



As foundation to everything we do

Collaboration is key



DELIVERING THE FUTURE OF WORK

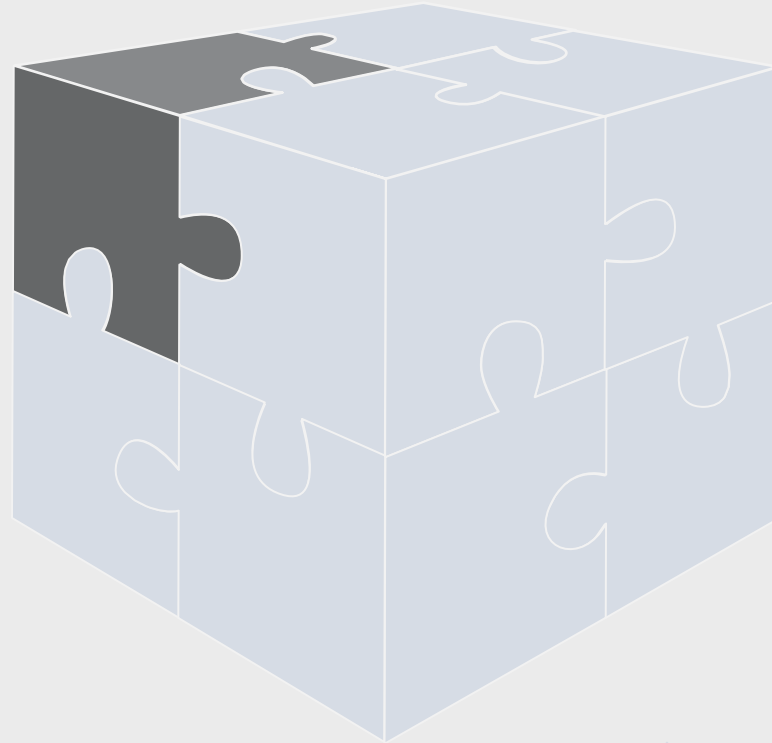
The journey to the new world

Major area's of focus to make your journey successful



Productivity

In all parts of the hybrid office



Security/Manageability

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Collaboration



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To enable you to take the right decision

Sustainability



As foundation to everything we do

The journey to the new world

One concrete example of a persona

WHO:
PROFILES

Mobile Trailblazer

WHERE:
WORKPLACE

HYBRID-WORK AT HOME SOME TIME, MOBILE

WHAT:
TOOLS

OFFICE/COLLABORATION APPLICATIONS

BUSINESS SPECIFIC APPLICATIONS

HOW:
NEEDS/CONCERNS



WHICH:
DEVICES

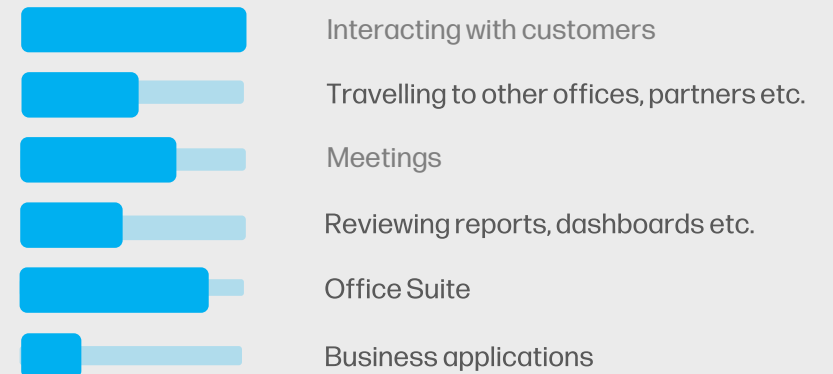
Ultramobile

WHICH:
Ecocsystem

Bundle: Mobile
Bundle Home Office

WHICH:
Services

Travel Break and Fix,
Home installation,
Proactive Support
Security Suite



The journey to the new world

One cycle of that persona

- Device standardization (BIOS, Asset Tag)
- Device Provisioning (static, dynamic, modern)

- Delivery On-prem/Home Office
- End User Support
- Executive Services

- HP Workshop
- Persona Assessment

Person is being hired

New Employee 1st day



Technical issue

- HP Care Pack
- HP Accidental Damage Protection
- HP Call to Repair
- Proactive Insights
- Business Insights Reports
- HP Tech Café

End of Cycle

- HP Quarterly Business Review

Oops, he clicked

- Data Wipe (managed & self-service)
- Disposal, 2nd hand market & recycling
- Device Refresh

- HP Sure Click Enterprise
- HP Wolf

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Printing in the hybrid office

Ivo Van Campenhout - Presales Technology Consultant



HP is the World's #1 printer vendor¹

The smartest, most connected and accessible, secure printing ecosystem in the world

SEAMLESS | SUSTAINABLE | SECURE

#1

Ink Personal
Printing¹

#1

Office Business
Printing¹

#1

Total
Printing¹

Office Print

Designing for the age of hybrid work



Preferred way to consume complex content

Engages the creative process

Makes a lasting impact

Paper, a critical part of doing business

Required for business or legal reasons

The reliable way to access legacy content

The universal bridge between often incompatible processes



*A new print strategy
that is connected with your hybrid workstyle*

Work in the Office



Work from Home



Today: Our most powerful solution

For the reimagined office



More productive and efficient



More scalable and serviceable

Key Concepts



HP WOLF SECURITY

1) Security

2) HP Future Smart 5

3) HP Smart UPD

4) HP Workpath

5) Manageability

6) Sustainability



AT HP, SECURITY ISN'T JUST A FEATURE
— *IT'S BY DESIGN*

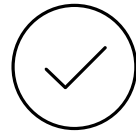


Protection from security threats

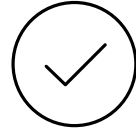
HP Wolf Enterprise Security provides the world's most secure printing.¹



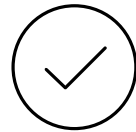
HP WOLF SECURITY



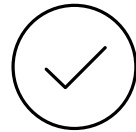
HP Sure Start works behind the scenes, during start-up and repairs itself if compromised.



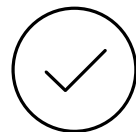
Whitelisting automatically checks firmware during start-up to determine if it's authentic code.



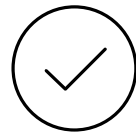
Run-time intrusion detection with Memory Shield active system identifies anomalies in code execution.



HP Connection Inspector automatically self-heals if it spots suspicious network connections.



Safeguard data stored on the printer—keys, passwords, certificates, and more with **HP Trusted Platform Module**.



Thwart potential attacks and take immediate action with **instant notification of possible security issues**.²



HP Confidential

¹ HP's most advanced embedded security features are available on HP Managed and Enterprise devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2022 published features of competitive in-class printers. Only HP offers a combination of security features to automatically detect, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit hp.com/go/PrintersThatProtect. For more information, visit hp.com/go/PrinterSecurityClaims.
² Instant threat notifications can appear on the device control panel when a potential threat occurs from malicious intent or there is a bug or vulnerability in the firmware code of the device.



What if your printer could evolve with the needs of your hybrid workforce?



What if your printer could evolve with the needs of your hybrid workforce?

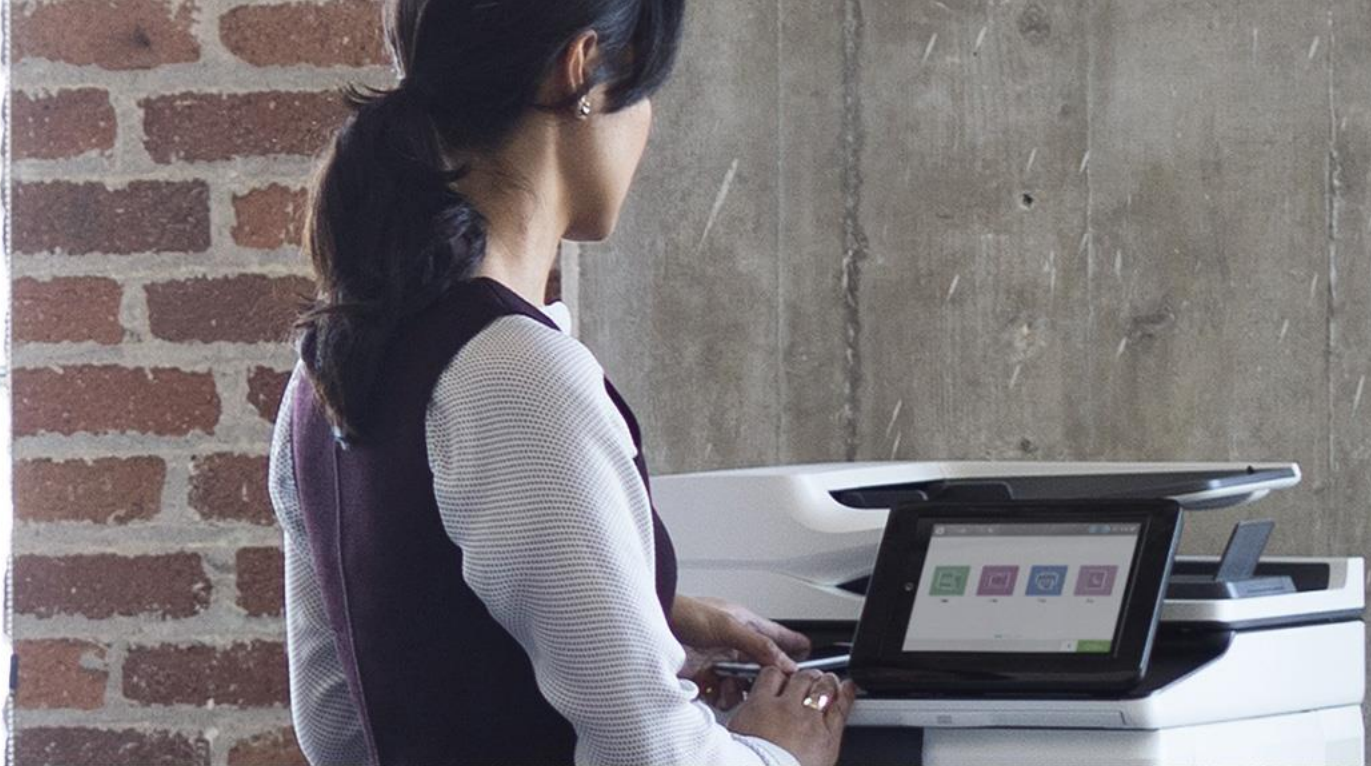


HP Confidential

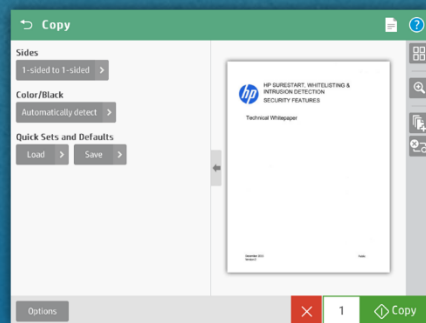
HP FutureSmart

HP FutureSmart 5

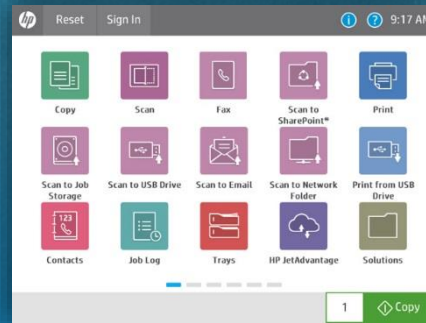
Make your Enterprise devices easier to use and even more productive, today and well into the future



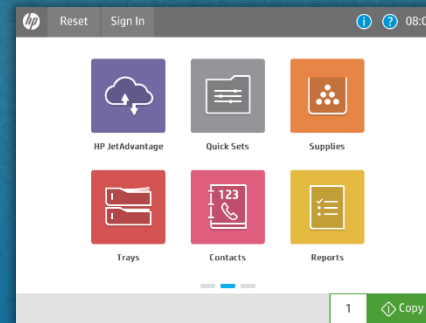
Common User Interface



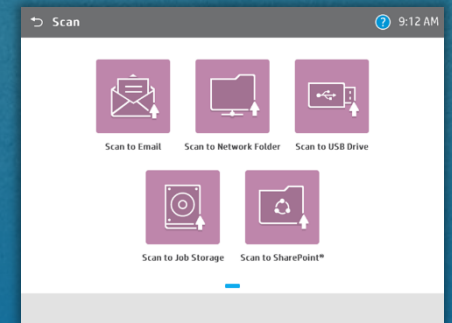
Preview



Customization



Centralized contacts



New apps

HP A4 & A3 managed portfolio guide



Color LaserJet¹

20-40 ppm

A4		A3		
Color LaserJet Managed E45028	Color LaserJet Managed MFP E47528	Color LaserJet Managed MFP E785	Color LaserJet Managed MFP E786	Color LaserJet Managed MFP E877
Up to 29 ppm ²	Up to 29 ppm ²	Up to 23/28 ⁵ ppm ²	Up to 25/30 ⁵ /35 ⁵ ppm ²	Up to 40 ppm ²
Up to 850 input ³	Up to 850 input ³	Up to 2,180 input ³	Up to 3,140 input ³	Up to 6,140 input ³
Up to 7,500 RMPV ⁴	Up to 7,500 RMPV ⁴	Up to 16,000 RMPV ⁴	Up to 20,000 RMPV ⁴	Up to 60,000 RMPV ⁴

41-50 ppm

A4		A3	
Color LaserJet Managed X55745	Color LaserJet Managed MFP X57945 ⁶ /X58045 ⁷	Color LaserJet Managed E75245	Color LaserJet Managed MFP E877
Up to 45 ppm ²	Up to 45 ppm ²	Up to 45 ppm ²	Up to 50 ⁵ ppm ²
Up to 2,300 input ³	Up to 2,300 input ³	Up to 4,450 input ³	Up to 6,140 input ³
Up to 15,000 RMPV ⁴	Up to 15,000 RMPV ⁴	Up to 40,000 RMPV ⁴	Up to 60,000 RMPV ⁴

51-70 ppm

A4		A3	
Color LaserJet Managed X654	Color LaserJet Managed MFP X677	Color LaserJet Managed E85055	Color LaserJet Managed MFP E877
Up to 55/65 ⁵ ppm ²	Up to 55/65 ⁵ ppm ²	Up to 55 ppm ²	Up to 60 ⁵ /70 ⁵ ppm ²
Up to 3,850 input ³	Up to 3,300 input ³	Up to 4,450 input ³	Up to 6,140 input ³
Up to 30,000 RMPV ⁴	Up to 30,000 RMPV ⁴	Up to 60,000 RMPV ⁴	Up to 60,000 RMPV ⁴

Monochrome LaserJet¹

20-50 ppm

A4				A3				
LaserJet Managed E40040	LaserJet Managed MFP E42540	LaserJet Managed E50145	LaserJet Managed MFP E52645 ¹	LaserJet Managed M42623/M42625	LaserJet MFP M72625/M72630 ¹	LaserJet Managed MFP E730	LaserJet Managed MFP E731	LaserJet Managed MFP E826
Up to 42 ppm (HP High Speed) ²	Up to 42 ppm (HP High Speed) ²	Up to 45 ppm (HP High Speed) ²	Up to 45 ppm (HP High Speed) ²	Up to 23/25 ppm ²	Up to 25/30 ppm ²	Up to 25/30 ⁵ ppm ²	Up to 30/35/40 ppm ²	Up to 50 ppm ²
Up to 900 input ³	Up to 900 input ³	Up to 2,300 input ³	Up to 2,300 input ³	Up to 600 input ³	Up to 2,180 input ³	Up to 2,180 input ³	Up to 3,140 input ³	Up to 6,140 input ³
Up to 7,500 RMPV ⁴	Up to 7,500 RMPV ⁴	Up to 15,000 RMPV ⁴	Up to 15,000 RMPV ⁴	Up to 5,000 RMPV ⁴	Up to 40,000/45,000 RMPV ⁴	Up to 16,000 RMPV ⁴	Up to 20,000 RMPV ⁴	Up to 60,000 RMPV ⁴

51-60 ppm

A4		A3
LaserJet Managed E60155	LaserJet Managed MFP E62655	LaserJet Managed MFP E826
Up to 55 ppm ²	Up to 55 ppm ²	Up to 60 ⁵ ppm ²
Up to 4,400 input ³	Up to 3,750 input ³	Up to 6,140 input ³
Up to 30,000 RMPV ⁴	Up to 40,000 RMPV ⁴	Up to 60,000 RMPV ⁴

61-70 ppm

A4				A3
LaserJet Managed E60165	LaserJet Managed MFP E62665	LaserJet Managed E60175	LaserJet Flow Managed MFP E62675	LaserJet Managed MFP E826
Up to 65 ppm ²	Up to 65 ppm ²	Up to 75 ppm ²	Up to 75 ppm ²	Up to 70 ⁵ ppm ²
Up to 4,400 input ³	Up to 3,750 input ³	Up to 4,400 input ³	Up to 3,750 input ³	Up to 6,140 input ³
Up to 40,000 RMPV ⁴	Up to 40,000 RMPV ⁴	Up to 50,000 RMPV ⁴	Up to 40,000 RMPV ⁴	Up to 60,000 RMPV ⁴



**Powerfully productive.
Extraordinarily efficient.**

HP Color LaserJet Enterprise 5000/6000

Key Concepts for Office

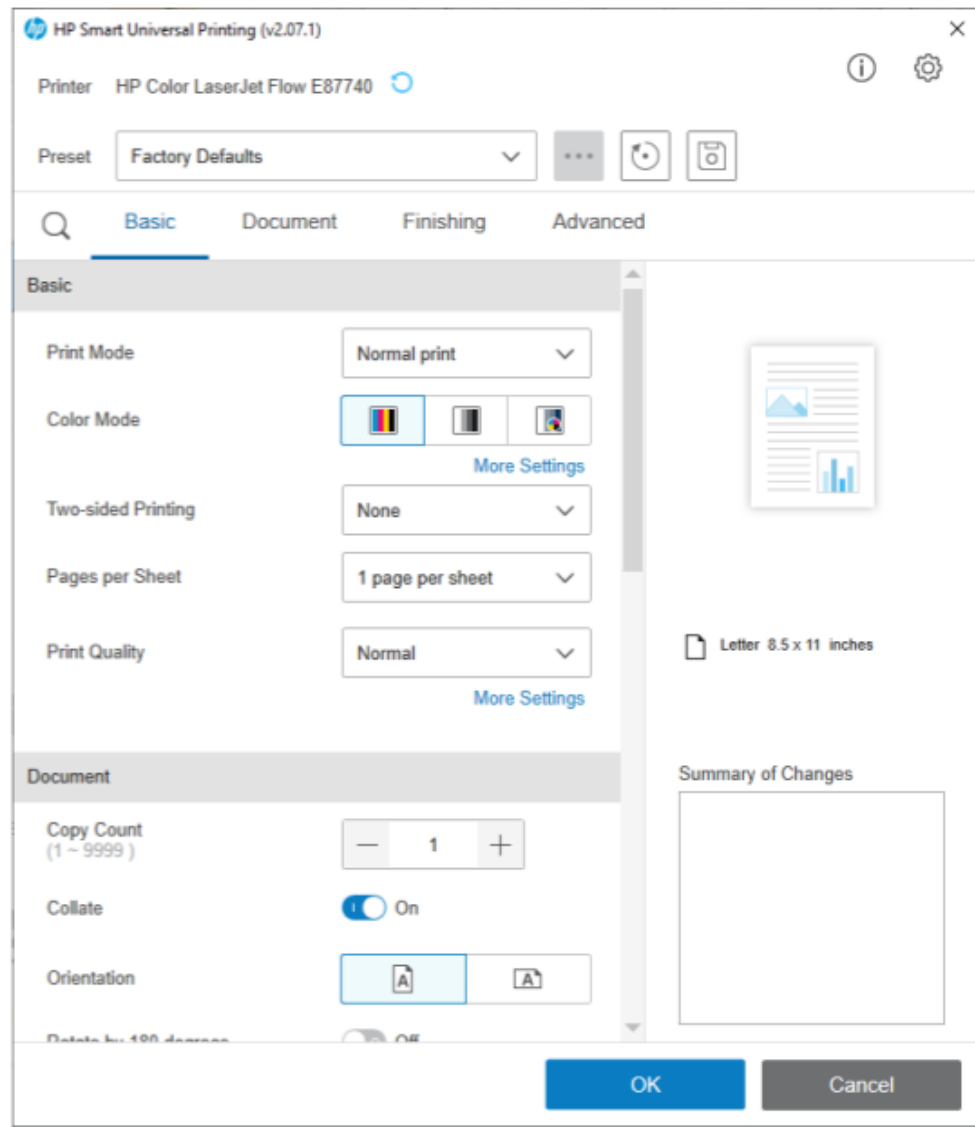


HP Smart Universal Print Driver

HP Smart UPD

Overview

- Dramatically reduces the number of drivers IT manages and improves user efficiency
- Single-driver solution that enables the customer to connect to and use HP printers (a low-end Inkjet to a LaserJet Pro, a LaserJet Enterprise to a Copier Class device), without installing individual printer-specific drivers
- Simplifies printing for users with a common user interface
- Common look and feel across universal and discrete drivers



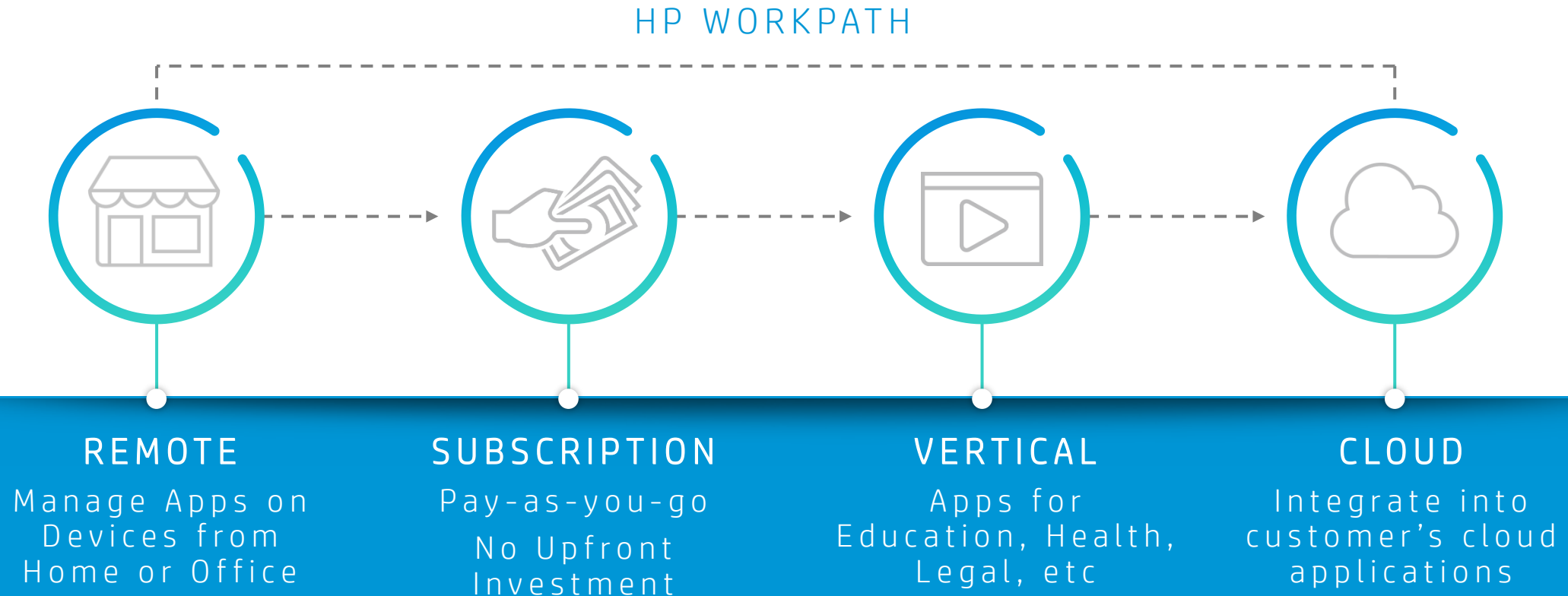
Key Concepts for Office



HP Workpath

HP Workpath

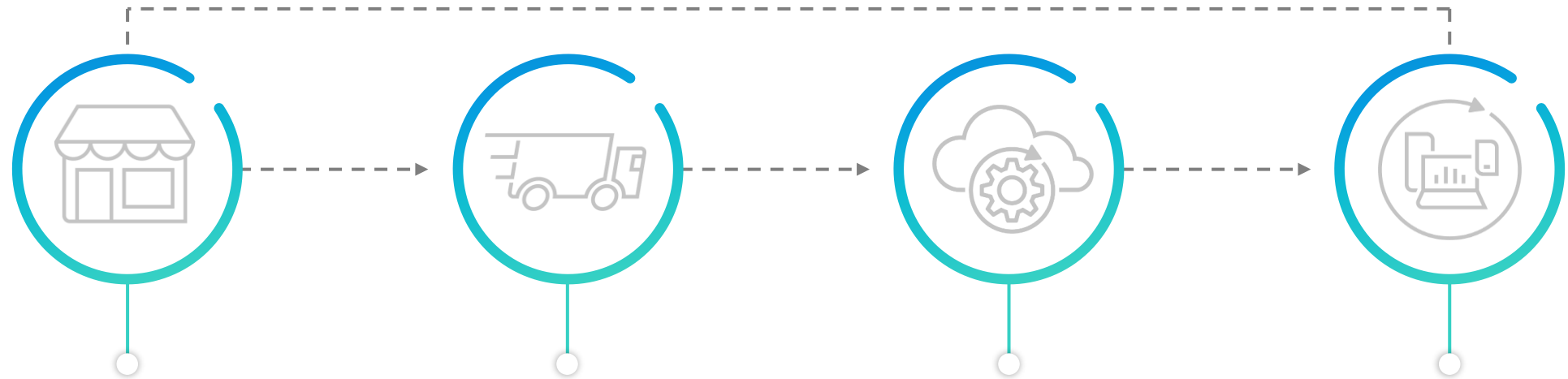
HP Workpath helps customers be more productive in the changing world



HP Workpath

Secure app platform that enables seamless device integration into digital applications and workflows.

HP WORKPATH - COMPONENTS



APP CATALOGUE

Wide variety of apps

DELIVERY PLATFORM

Easy remote app management
(HP Command Center)

SECURE CLOUD SERVICES

Powerful and secure cloud

DEVELOPER PROGRAM

Rapid creation / customization

HP Workpath

HP Branded Apps

Cloud Connectors



HP for
Box



HP for
Google Drive



HP for
OneDrive



HP for
OneDrive Business



HP for
Sharepoint

Default Capabilities



Scan 2
email



Scan 2
FTP



Scan 2
SMB

Legal



HP for
iManage



HP for
Clio

Accounting



HP for
Sage Intacct

HR - Travel



HP for
SAP Concur

Security



Secure
Access

3rd Party Apps

Education



Kuario



Connect to
Moodle

Healthcare



Icon DICOM

Government



eCompulsa

DocMngmt



Doc2me –
M-Files

Cloud Pull-Printing



OneQ



EveryOne
Print

Cloud Fax



FaxCloud -
TeakLead

Capture



OptimiDoc

More than 90 Apps available
Link: [Global Solutions Catalog](https://www8.hp.com/us/en/solutions/business-solutions/workpath.html?jumpid=va_rjmgewkysb)

https://www8.hp.com/us/en/solutions/business-solutions/workpath.html?jumpid=va_rjmgewkysb

Key Concepts for Office



HP Manageability

HP Web Jetadmin: your fleet management solution

Proactive
management



Fleet security



Problem
resolution



Using a single tool:

- Discover devices
- Configure devices
- Create device groups and templates
- Conduct remote diagnostics
- Upgrade device firmware
- Monitor and manage supplies

Advanced
reporting



Fleet
deployment



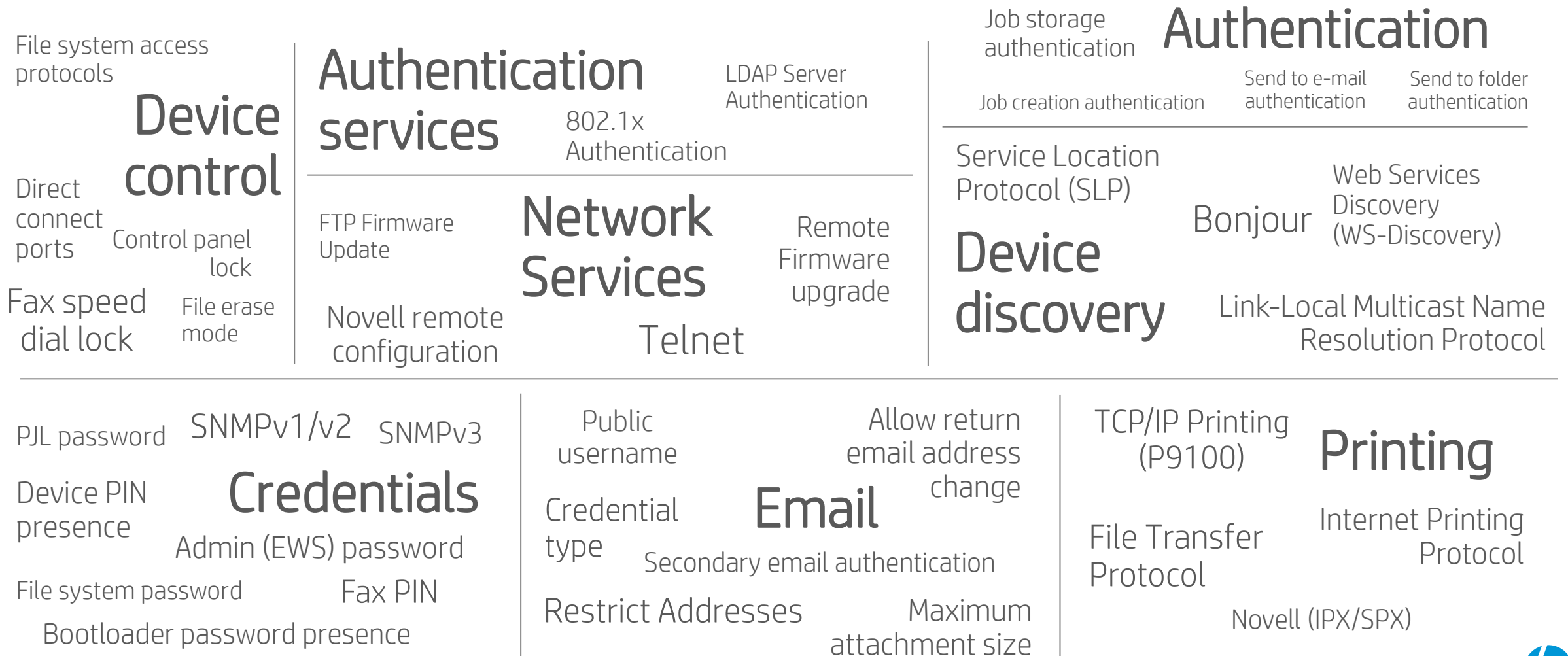
HP Security Manager

The way you mitigate
print security risks



Enterprise-level Security Policy Settings

More than 250 security items can be managed



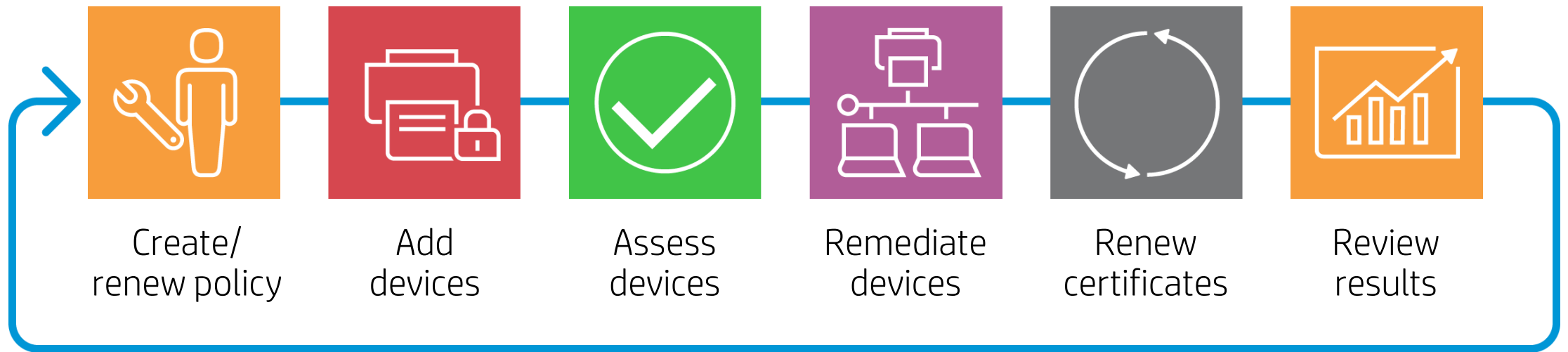
HP Security Manager

HP Security Manager makes it easy to monitor and protect your entire fleet :

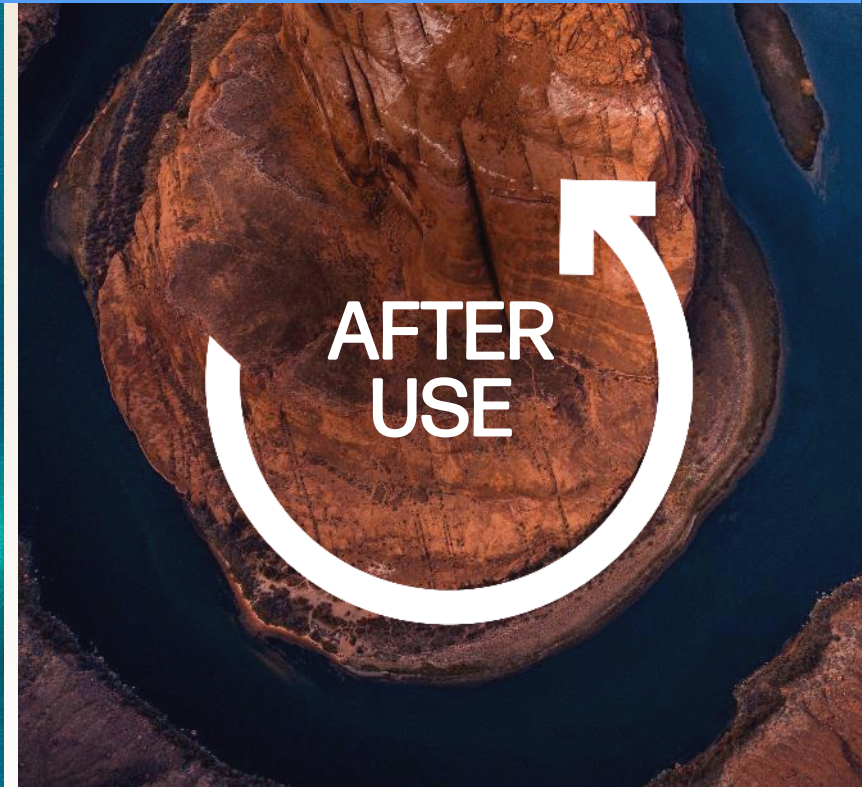
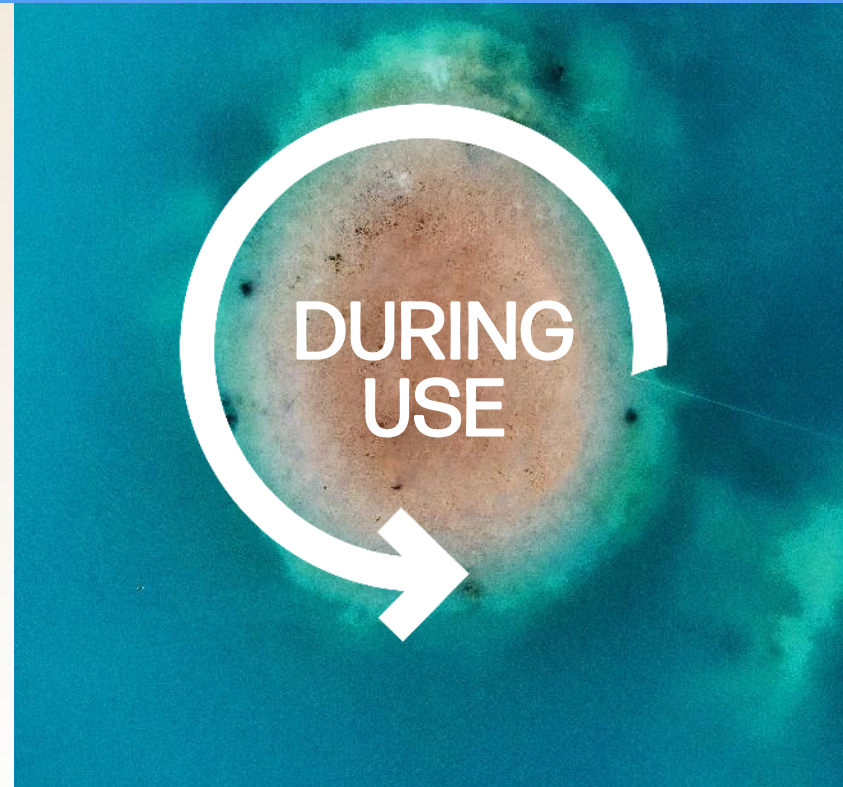
- Strengthen compliance to corporate security policies
- Streamline security management by automating many processes
- Secure new devices immediately with Instant-on Security
- Get efficient fleet management of device certificates



HP JetAdvantage Security Manager



Sustainability Engineered Across the Lifecycle



RECYCLED
CONTENT



PACKAGING



TRANS-
PORTATION



BLUE ANGEL
CERTIFICATION



FOREST
FIRST



ENERGY
EFFICIENCY
& PAPER WASTE



HP PPP



RESPONSIBLE
RECYCLING



SECURE
EOL

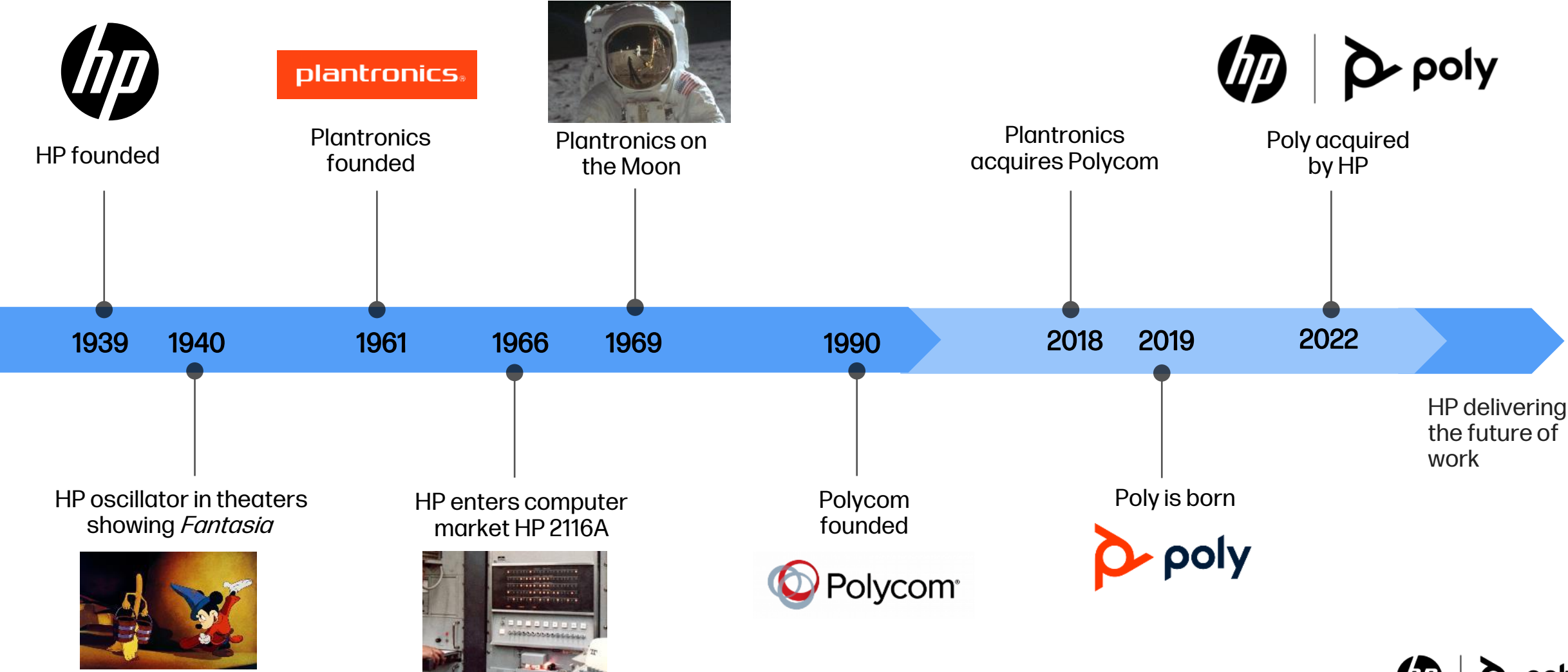


The Power of Poly

Kristof Maes - Senior Systems Engineer



Timeline



A Powerful Strategy

Unified platform to lead hybrid work



Empowering end users to be seen and heard



HP's Strength
Compute, print and displays



Poly's strength
Headsets, desk phones, video and room solutions



Enabling IT to manage and secure in a hybrid world



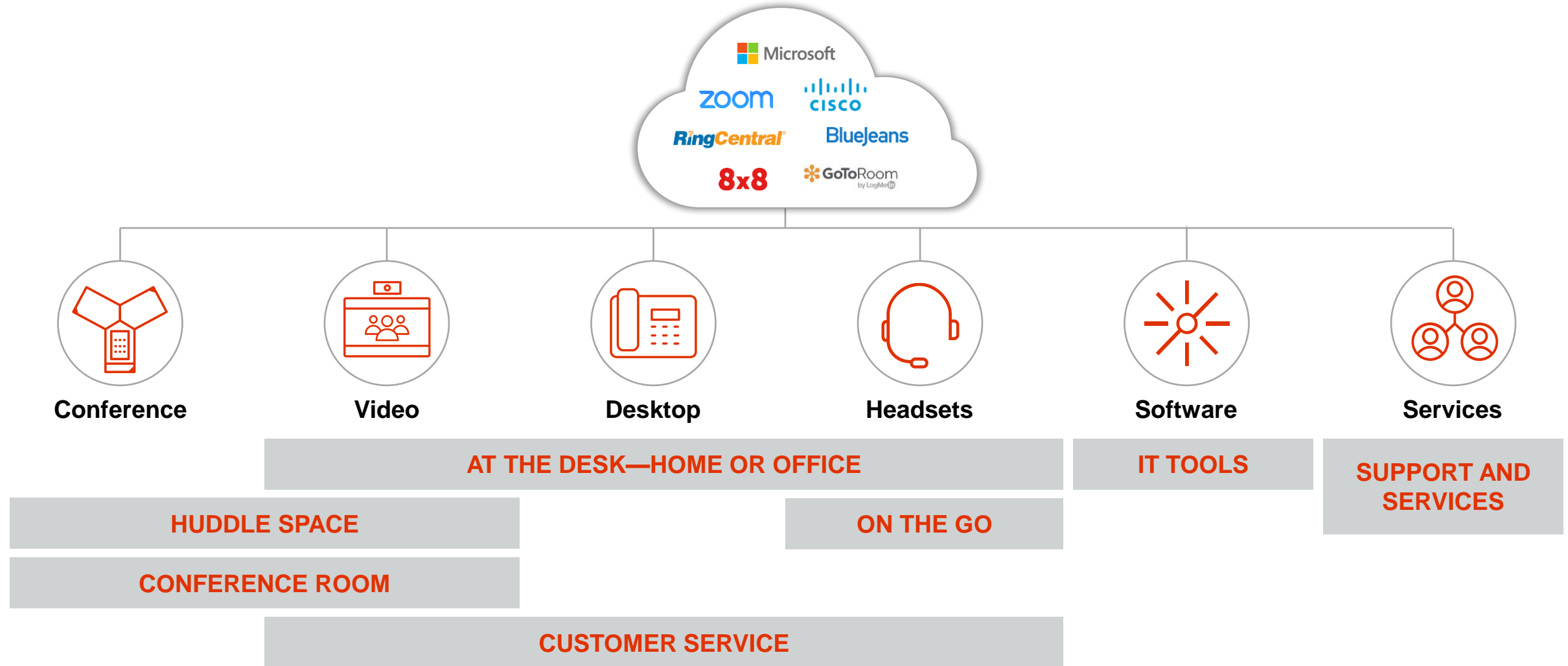
HP's Strength
Security, manageability and services



Poly's Strength
Peripherals management, insights and room services

POLY STRATEGIC FOCUS

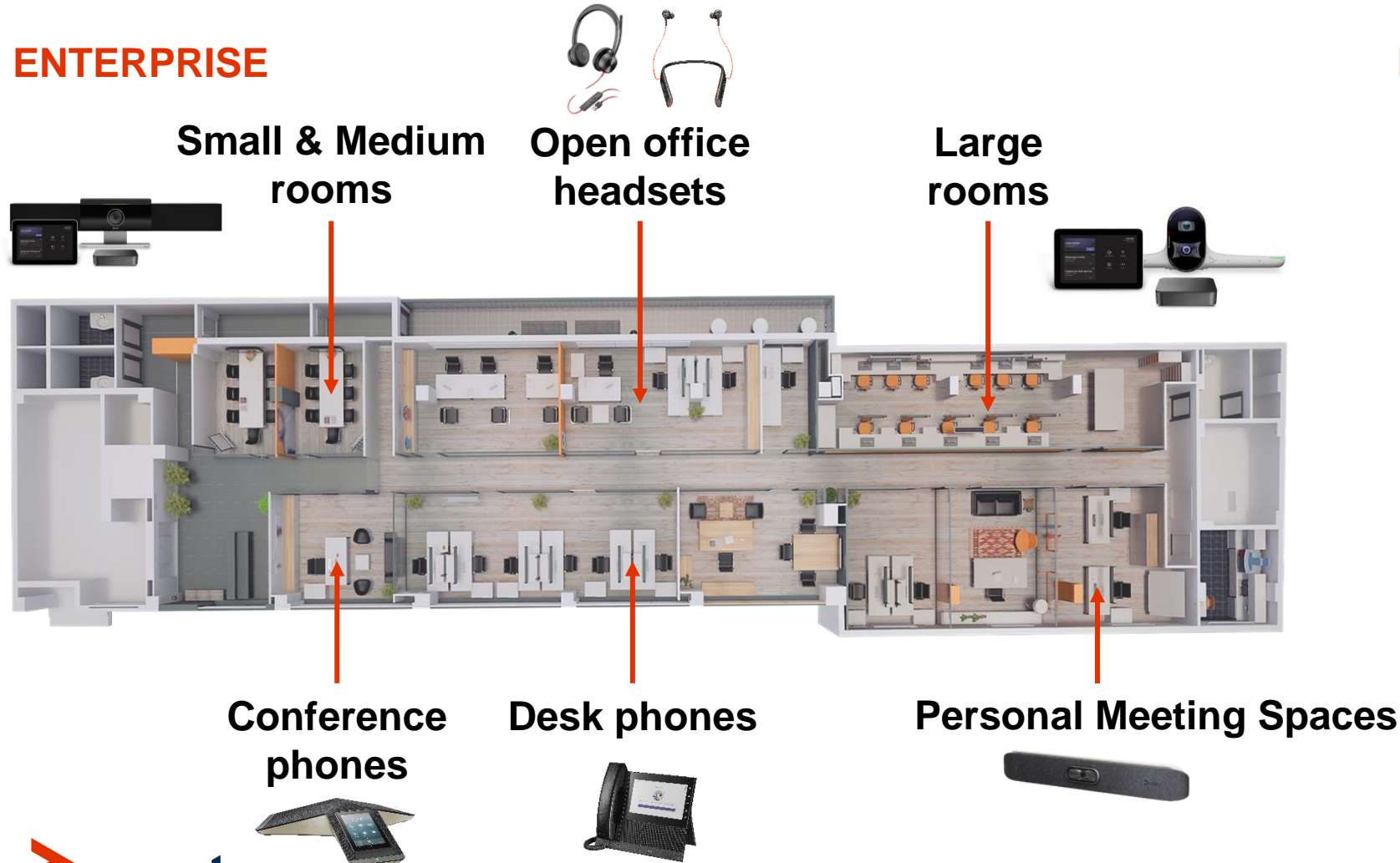
Building a smarter system for communications and collaboration



We deliver the future of work

So you can be seen and heard with incredible clarity—no matter where you work

ENTERPRISE



REMOTE/HOME



Our hybrid work solutions portfolio

HEADSETS & SPEAKERS



HP Stereo



Blackwire



Voyager



Sync



Savi



EncorePro

VOICE



CCX



Poly Edge E



Trio C60



Poly Edge B



VVX



Rove

PERSONAL VIDEO



HP 320 / 325



HP 620 / 625



HP 960 / 965



HP Presence All in One



Poly Studio P5



Poly Studio P15

GROUP VIDEO



Studio Bundles for Zoom Rooms



Studio Kits for Microsoft Teams Rooms



Controllers



Poly Studio X



Poly Studio R30



Cameras



Integrator



SHURE biamp, APPSPACE, Raydiant Accessories

LENS CLOUD

management

APIs*

TECHPULSE

analytics & insights

Poly solutions for hybrid work

WORKSTYLES



Office Communicator



Office Collaborator



Remote Collaborator



Flexible Worker



Road Warrior



Connected Executive

SPACES



Focus / Small



Medium



Large

FLEXIBLE, CONSISTENT & EQUAL EXPERIENCES ACROSS ALL SPACES AND PLATFORMS

AUDIO



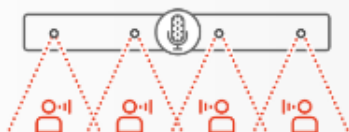
Active Noise Cancelation & Noise Canceling Microphones



Acoustic Fence



NoiseBlock AI



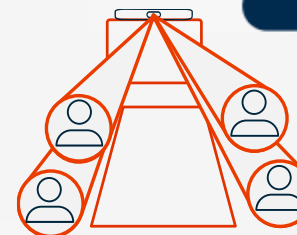
Next-generation Beamforming Microphone Array

Pro-grade
audio and
video across
spaces and
devices

VIDEO



Group Framing



People framing



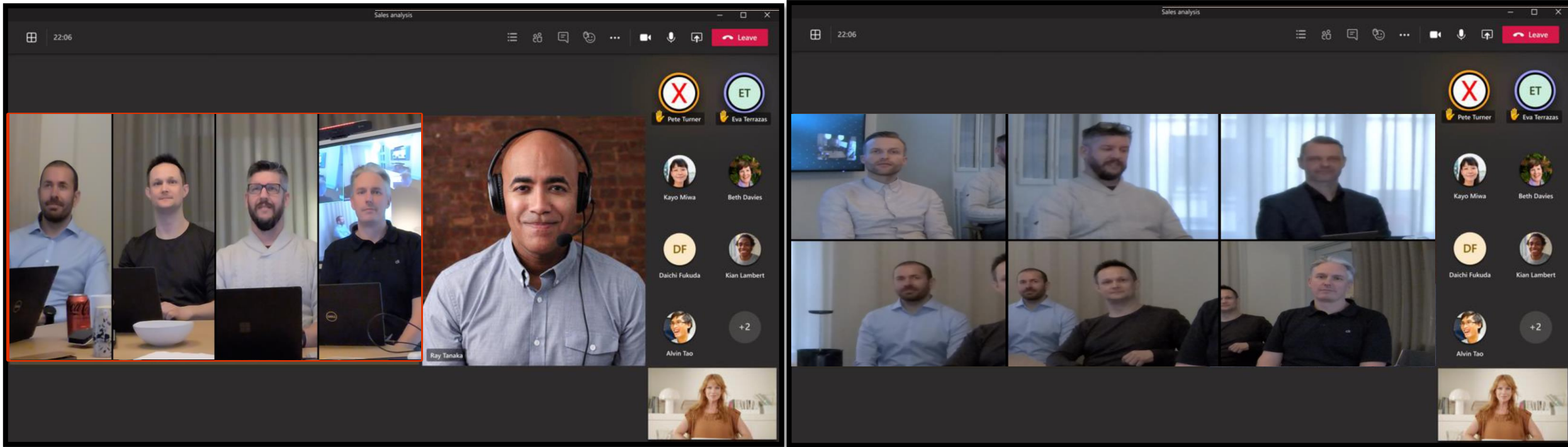
Speaker Tracking



Conversation Mode

NEXT GENERATION VIDEO CALLS

ONE EQUAL EXPERIENCE, REGARDLESS OF LOCATION



POLY PEOPLE FRAMING MODE



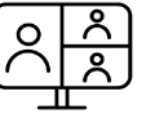
Introducing the Voyager Free 60 Series

NEW

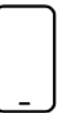
True wireless earbuds for work and life

PERSONA: FLEXIBLE WORKER

- Legendary Poly audio for clear calls and immersive music listening.
- Call and media control with the touchscreen charge case (Voyager Free 60+ UC).
- Certified for top virtual meeting providers and centrally manageable.



PC



Mobile

Voyager Free 60+ UC



Carbon Black



White Sand



Touchscreen charge case

Voyager Free 60 UC



Basic charge case





Together
Delivering the
future of work



Resilient PC Security

Jan Das - Presales Technology Consultant PS





HP Wolf Security



HP WOLF SECURITY

Resilient PC security

Cyber threats continue to evolve as attacks are...



More
frequent

Ransomware volume has increased
232% from 2019 to 2021



More
sophisticated

'Double-extortion' ransomware
damage has skyrocketed 935%



More
diverse

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

Firmware attacks pose a high-impact threat



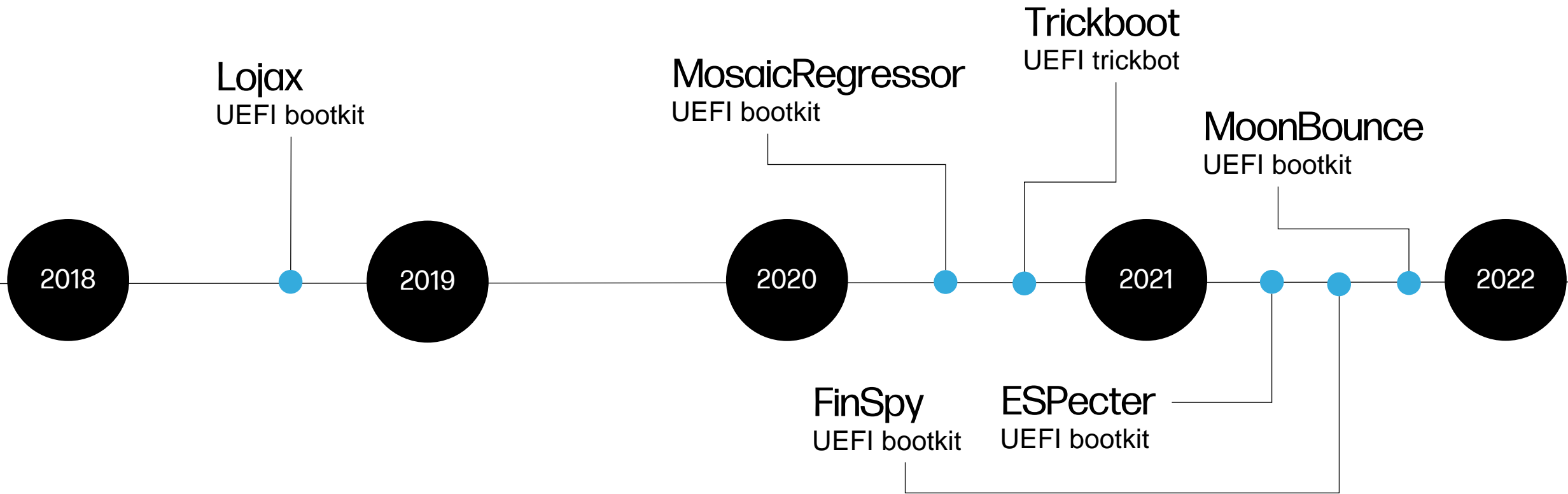
Difficult to
detect

Ultimate PC
control

Persistent

Hard to
remove

Attacks below the OS are on the rise



83% Security Decision Makers experienced at least one firmware attack from 2019 to 2021



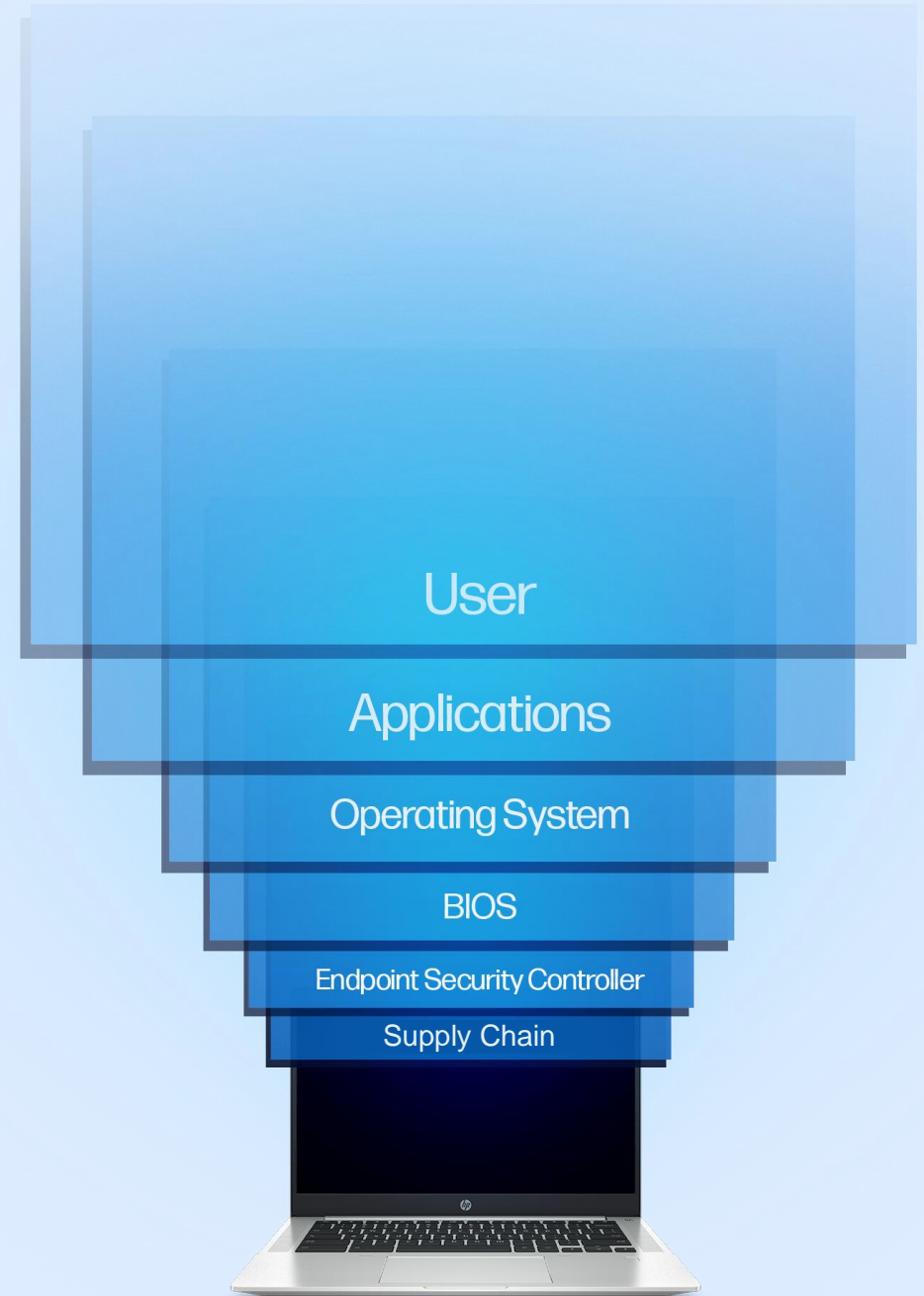


HP WOLF SECURITY

HP Wolf Security

Resiliency at every level

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



Built on 20+ years of endpoint security innovation

Setting endpoint security industry standards

Established standards for TPM, BIOS, Firmware Resilience



Pioneering hardware-enforced security



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

Strengthened security advancements with Bromium



HP WOLF SECURITY

Security is in our DNA

Advancing security beyond the industry

HP supports and extends Intel's, AMD's and Microsoft's security features to provide **differentiated, industry-leading protection**



- AMD Memory Guard
- AMD Secure Processor



- Microsoft Secured Core
 - Secure Launch
 - Virtualization-Based Security for OS
 - Cloud-based recovery



- HP Sure Admin
- HP Sure Click
- HP Sure Sense
- HP Sure Run
- HP Sure Start
- HP Sure Recover
- HP Tamper Lock



- Intel Hardware Shield
- Intel BIOS Guard

The World's Most secure PCs



HP WOLF SECURITY



What makes HP Wolf Security different?

Uniquely protected by hardware

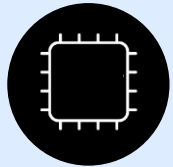
Built different at the core with HP's Endpoint Security Controller (ESC)



Priority over CPU



Always running,
even when the PC is off



Physically Isolated



Ongoing monitoring



100 million
devices shipped

No reported firmware
breaches



In FIPS Approval
and ANSSI Certified

Firmware Resiliency

with HP Sure Start

Always on, persistent protection below the OS

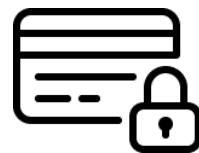


HP WOLF SECURITY



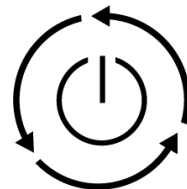
Validate

firmware before running code



Stop

corrupted code from running



Recover

a safe copy of the BIOS

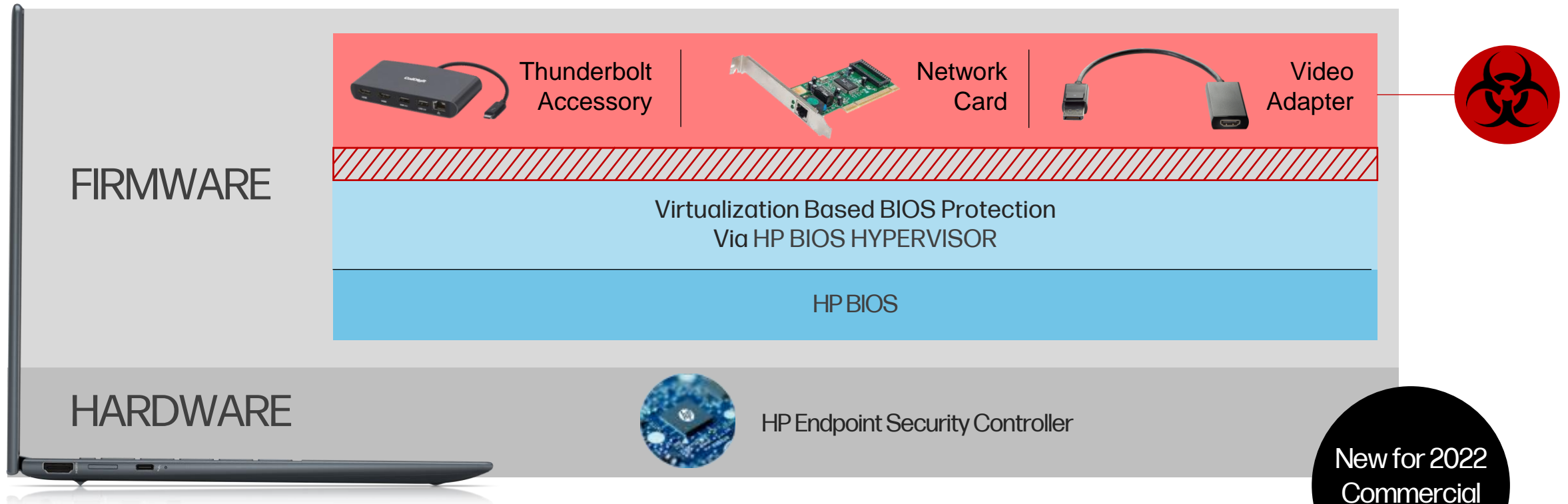


Prevents

malicious peripheral attacks

Pioneering security below-the-OS

Protection from malicious peripheral attacks



Recover more than just the BIOS

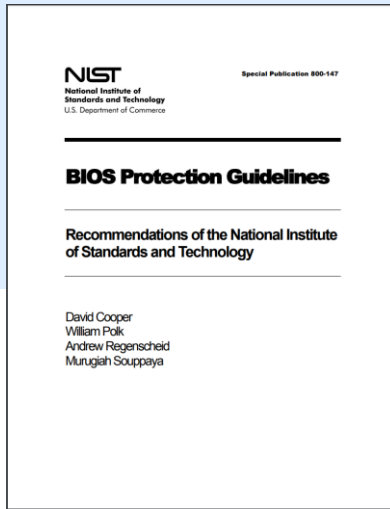
HP Sure Start can recover the entire flash including the following

HP Firmware	HP Firmware Settings	Partner Firmware
HP UEFI BIOS	HP UEFI settings	Intel/AMD specific SoC boot critical content
HP Endpoint Security Controller firmware	HP Factory configuration	Intel Management Engine firmware / AMD Secure processor firmware
	Secure Boot key databases	



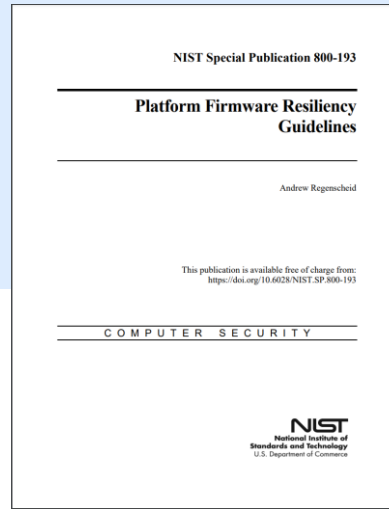
HP Sure Start meets and exceeds

NIST SP 800-193 for all core-embedded platform firmware



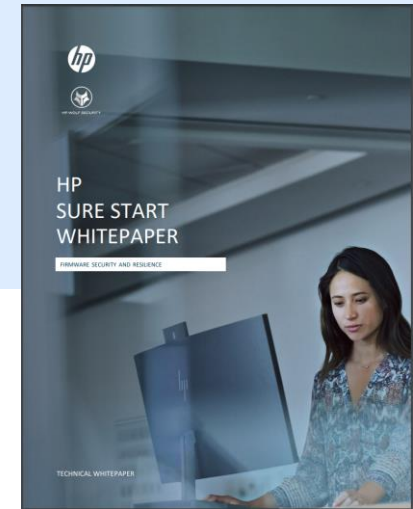
2011

BIOS Protections
NIST SP 800-147



2019

Firmware Resilience
NIST SP 800-193



Learn more:
[HP Sure Start Whitepaper](#)



Behind the scenes of HP Sure Start



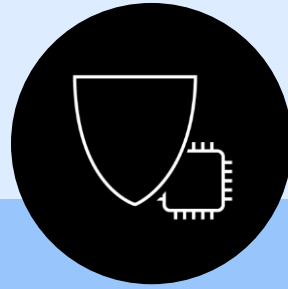
Firmware Resiliency

Ability to detect, protect, and auto-recover system firmware critical to booting the system



Hardware-Enforced Protection

HP ESC verifies firmware code independent of the OS or CPU



Pre-Boot Security

Protection for the BIOS settings & firmware prior to booting up



Runtime Intrusion Detection

Detect firmware attacks and BIOS setting



Memory Protection

Prevent pre-boot DMA attacks

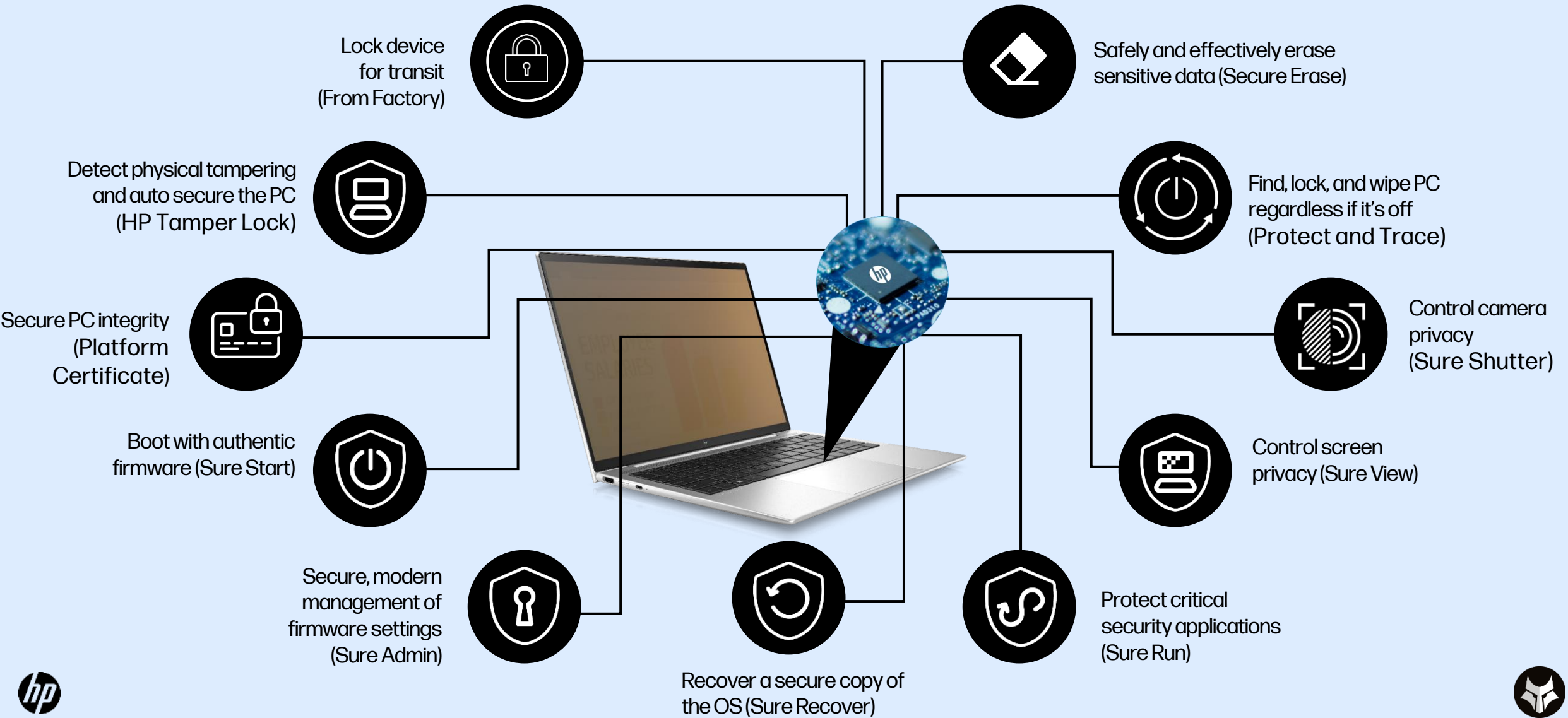


Stop Malicious Peripherals

Hypervisor prevents connected devices from infecting the PC

Exclusive feature of Gen7

Hardening the endpoint with hardware-enforced protection



HP Wolf Security Capabilities

Delivering the world's most secure and manageable PC

Capability Table Key

\$	Available as an added purchase
🏭	Added factory service available
↓	Preloaded on WPS Edition PCs

Cloud Management	 <p>HP Wolf Security Controller Security Management</p>	 <p>HP Wolf Security Controller Threat Intelligence</p>	 <p>HP Wolf Security Controller Attack Visualization</p>	
Security Software	 <p>Sure Sense Next-Gen Antivirus</p> <p>↓ \$</p>	 <p>Sure Click Threat Containment</p> <p>↓ \$</p>	 <p>Sure Click Credential Protection</p> <p>↓ \$</p>	 <p>Sure Access Secure Privileged Access</p> <p>\$</p>
Platform Security	 <p>Sure Shutter Camera Privacy</p>	 <p>Sure View Anti Visual-Hacking</p> <p>\$</p>	 <p>Secure Erase Secure Data Wipe</p>	 <p>Protect and Trace Find, Lock, & Erase</p> <p>\$</p>
	 <p>Sure Recover OS Recovery</p> <p>🏭</p>	 <p>Sure Admin Secure BIOS Administration</p> <p>🏭</p>	 <p>Sure Recover Flash Local OS Recovery</p> <p>🏭 \$</p>	 <p>HP Tamper Lock Intrusion Protection</p> <p>🏭</p>
	 <p>Sure Start Firmware Resiliency</p>	 <p>Sure Start Firmware Threat Detection</p>	 <p>Platform Certificate Integrity Validation</p> <p>\$</p>	 <p>Sure Run Application Persistence</p>

HP Sustainability and Digital For Youth

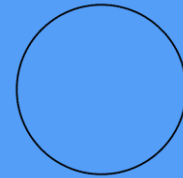
Katrien Vandewaerde – Accountmanager Public Sector
Hans De Backer – General Manager Digital For Youth



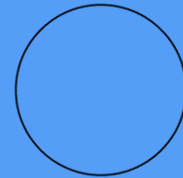




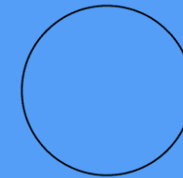
"Consumers expect sustainability"



of people are prepared to take action to live in a more environmentally conscious way



of consumers want brands to help them be more sustainable



of enterprise professional respondents have screened out potential suppliers or products on ESG concerns at least once



“Our ambition is
to be the most
sustainable and just
tech company.”

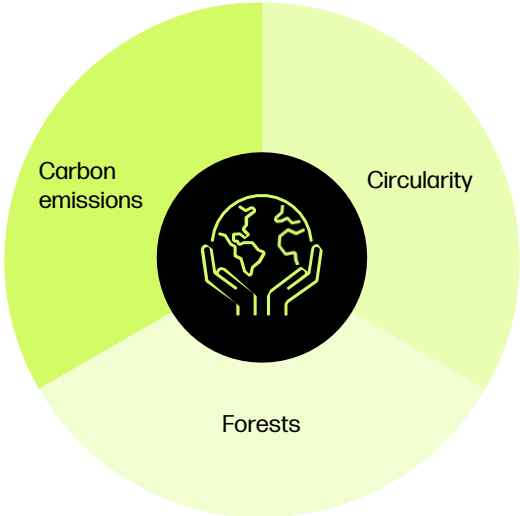
Enrique Lores
Chief Executive Officer
HP, Inc.



Sustainable Impact Strategy

HP aims to be the world's most sustainable and just technology company.

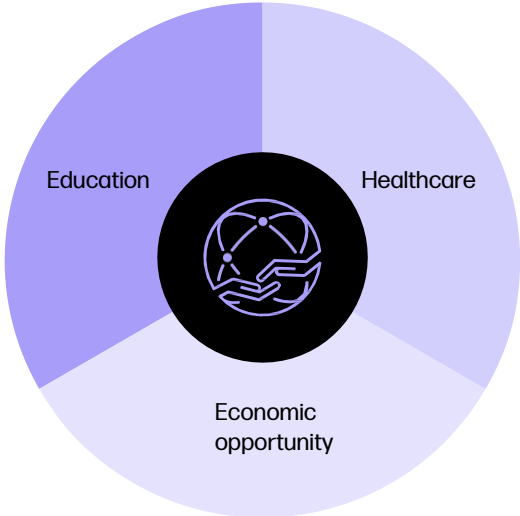
Our ambitious agenda is rooted in science and aligned to the UN Sustainable Development Goals. It connects HP to the most defining and urgent issues of our time and where we can have the greatest impact.



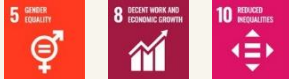
Climate Action



Human Rights



Digital Equity



The world's most sustainable PC portfolio



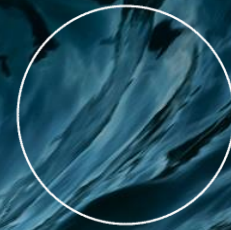
PCs and displays registered in 2022/23 achieved EPEAT® U.S. GOLD⁵



of PCs and displays launched in 2022/23 contain recycled materials



of paper packaging comes from recycled or certified sustainable sources



of business notebooks shipped in fiber cushions since 2H22

Consistently achieving top rankings and certifications



Energy Star
For 5th year in a row, recognized for delivering product energy efficiency.



CDP Worldwide
Only tech company globally to receive Triple A score across Climate, Forests, & Water lists and Supplier Engagement Leaderboard.



Newsweek
Ranked 1st in America for environmental, social, and governance performance for the 4th year in a row.



Dow Jones Sustainability Indexes
Ranked #1 in our industry—and listed on the World Index for the 11th year in 2022.



Ethisphere
One of only 135 companies around the world to receive this honor.



Global 100 Award
HP was named one of the 100 Most Sustainable Corporations in the World for the 8th year in a row.



WE PUT
OUR PLANET

FIRST



BEFORE
USE

BEFORE USE



DURING
USE

DURING USE

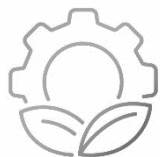


AFTER
USE

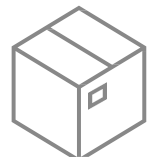
AFTER USE



OCEAN-BOUND
PLASTICS



RECYCLED
MATERIALS



SUSTAINABLE
PACKAGING



EPEAT
CERTIFICATION



ENERGY
EFFICIENCY



SAFER
MATERIALS



SECURE
REPURPOSE



RESPONSIBLE
RECYCLING

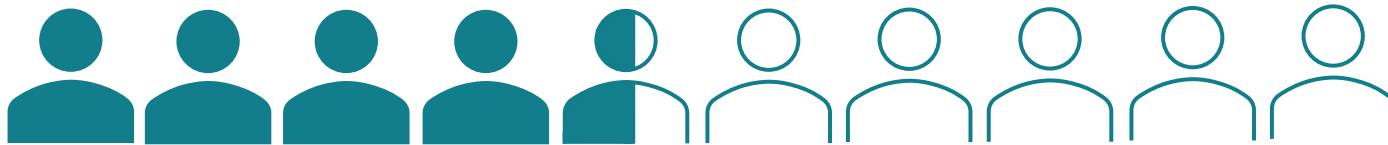


PLANET
PARTNERS



Digital inclusie in België

Verontrustende vaststelling!



Bijna één op twee Belgen is digitaal kwetsbaar

We streven naar een dubbele impact

Maatschappelijke impact

In onze wereld is een digitale basiskennis even essentieel als kunnen **lezen** en **schrijven**.

‘Digital **haves**’ en ‘digital **have-nots**’ zijn een realiteit in België. Niet iedereen heeft toegang tot de digitale wereld. Die toegang begint met **een eigen laptop**.

Ecologische impact

Afgeschreven laptops en apparaten hebben geen boekhoudkundige waarde meer. De **sociale waarde** van deze apparaten is echter nog steeds erg hoog.

We geven ‘afgeschreven’ IT apparaten een tweede of derde leven, wat perfect past binnen de **circulaire economie**.



Dat is de reden waarom **Digital for Youth** tweedehands laptops aanbiedt en naar **digitale inclusie** in België streeft.

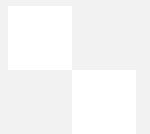


21.700

laptops geleverd aan
scholen en
jongerenorganisaties sinds
2019

Onze visie

Sustainable Development Goals United Nations



Hoe doen we dat?

We zorgen van A tot Z



We verzamelen uw **functionele** en **niet-functionele** ICT-apparatuur

Het is gratis



Eén gerecycleerde laptop staat gelijk aan een vermindering van **160 kg CO2**

Het is duurzaam



We leveren certificaten voor **'data wipe'** en **'recycling'**

Het is veilig



Laptops worden geleverd aan **sociale projecten** in België

Het heeft impact

Onze sociale impact

1.975 laptops verdeeld aan 74 projecten in 2022

"Met de laptops konden we een uitleendienst ontwikkelen en ons aanbod uitbreiden en versterken. We gebruiken de laptops ook voor onze workshops media-educatie. Zo bereiken we een breder en gediversifieerder doelpubliek."

– Infor Jeunes Waterloo vzw

MFC Sint-Gregorius

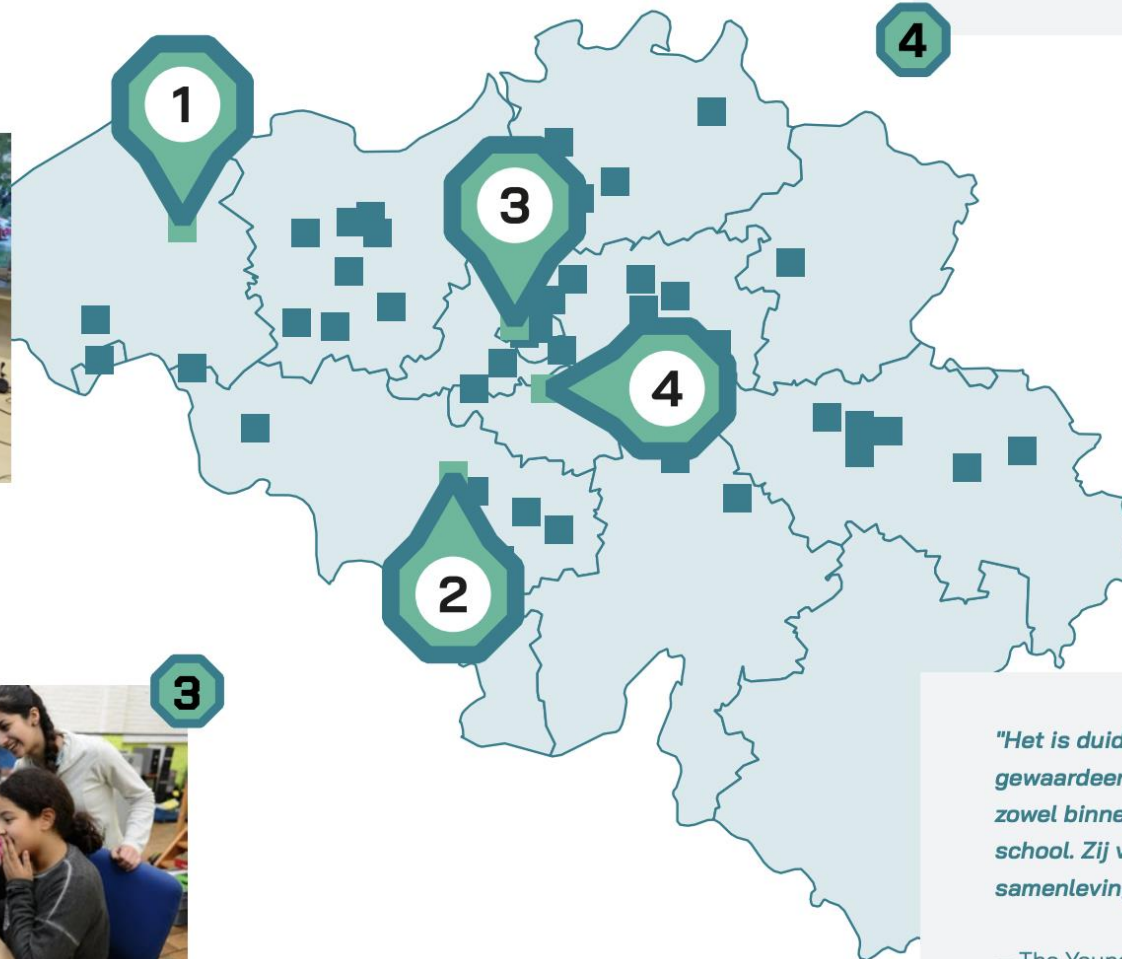


1

Maks vzw



3



4

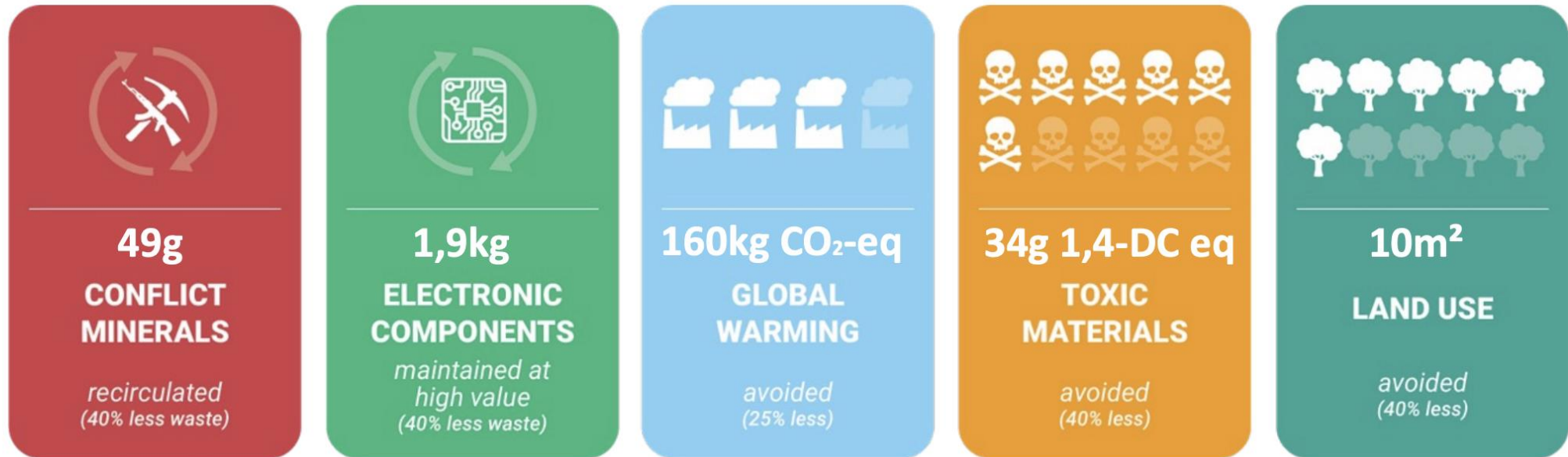
2

"Het is duidelijk dat de jongeren zich gewaardeerd voelen door wat ze leren, zowel binnen hun gezin als bij hun vrienden op school. Zij voelden zich deel uitmaken van een samenleving en niet langer een outcast."

– The Young Computer School

Onze ecologische impact

Ecologische impact reductie door het verlengen van het leven van 1 gedoneerde laptop met 4 jaar



Note: Current calculation based on average impact savings for life extension of electronics by four years. Future work will include an impact analysis of CTG's reverse logistics and refurbishing operations for a more robust environment impact assessment.

Onze donateurs zijn tevreden

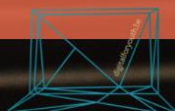
JEAN-NOËL
FUNTOWICZ

"Nous avons choisi DigitalForYouth.be pour sa procédure de don simple et la certitude de l'effacement des données restantes. Nous avons reçu un certificat de don ou de destruction reprenant chaque n° de série."

RSVZ INASTI X DIGITALFORYOUTH.BE



RSVZ



ethias



SERGE JACOBS

"De creatie van een belangrijke maatschappelijke meerwaarde met ons afgeschreven IT-materiaal. Dat is de voornaamste reden voor onze samenwerking met DigitalForYouth.be."

ETHIAS X DIGITALFORYOUTH.BE



Zij vertrouwen ons al... en vele meer!

fluvius.



daoust



ethias

Deloitte.



We werken nauw samen met vele overheden

Donoren:

- **Vlaamse Overheid:** Agentschap Natuur & Bos, Ag. Overheidspersoneel, Ag. Opgroeien, Ag. Onderwijs, Dep't Financiën en begroting, Vlaams Energie- en Klimaatagentschap etc.
- **Steden en Gemeenten:** Stad Oostende, Gemeente Stekene etc.
- Politiezones etc.

Sociale projecten:

- Gemeente Borsbeek (OCMW)
- 9 Waalse gemeenten (CPAS) voor Oekraïense vluchtelingen
- Nooddorpen Antwerpen-Linkeroever en Mechelen
- Etc.

Doe een donatie

1. Hardware donatie

- Laptops, desktops, printers, schermen, servers, etc. --> "one-stop-shop" om het voor u te vergemakkelijken

2. Financiële donatie via de **Koning Boudewijnstichting**

- BE10 0000 0000 0404
- ***196/0360/00088***

3. Neem contact met ons op!

- hans.debacker@digitalforyouth.be
- 016 28 49 78 of 0473 70 81 02
- www.digitalforyouth.be

HP Services:

Empowering the Hybrid Workforce

Jelle De Greef – HP Channel BDM Service



The Work Landscape has changed!

Before 2020

Occasional Remote work.



2020 > 2021

Forced Remote work.



2022 > 2023

"Forced" return to Office.



2024+

Era of hybrid flexibility!



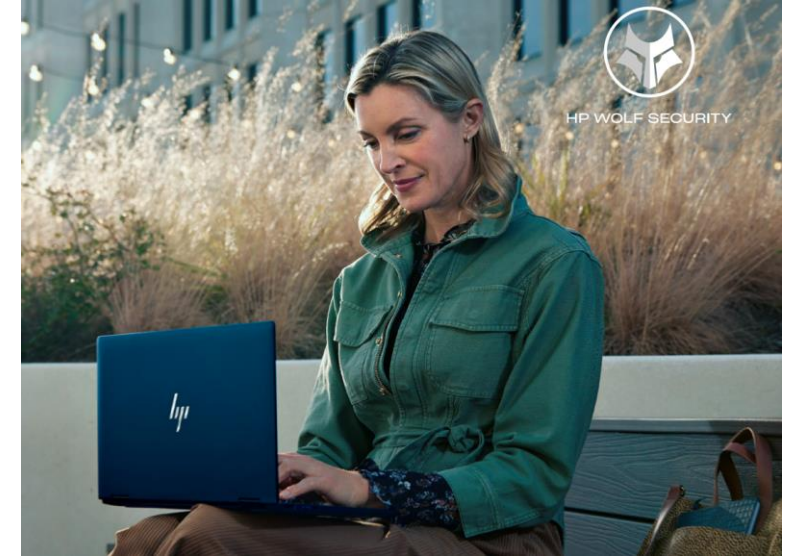
IT Challenges in the New Hybrid Reality



CONNECTED



PRODUCTIVE



SECURE

75%

of employees **expect the same productivity and support levels** that they had in their prior company-provided workplace, wherever they now physically work.

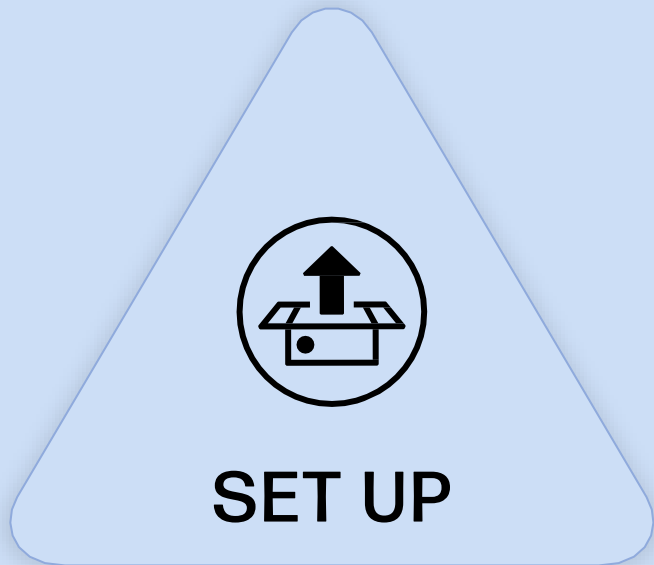
63%

of ITDM's say their **resources are drained** by device management and support.

HP Services VISION



“REINVENTING work in
HYBRID reality by
EMPOWERING the
Workforce &
Organizations
To work at their best
anywhere, anytime.”



SET UP SERVICES

**Helps IT:
Deliver best device experiences
for their employees!**

- Configuration services
- Deployment services

Set Up services



Set Up - Configuration services



HP Custom System Settings Services

Configure BIOS settings/parameters as per the customers' requirements.
→ BIOS settings, Intel vPro setup & config, include customer logo in bootup,...)

HP Image and Application Services

Build / load / Install a specific software image or application.

HP Integration & Packaging Services

Packaging and drop-in-the-box service to include HP and/or third-party HW, accessories and custom documents in the packaging.

HP Asset Labeling & Tagging Services

Protect your assets through physical and electronical tagging.

Set Up services



Set Up - Configuration services



HP Dynamic Configuration Service

Configure Pc's with latest Image & Apps via Microsoft SCCM^(*) (MECM^(**)).

HP Device Provisioning Service

Cloud-based, modern device provisioning, through Microsoft Autopilot process, providing the customer with a real “out-of-the-box”-experience (“white glove”).

^(*) Microsoft System Center Configuration Manager.

^(**) Microsoft Endpoint Configuration manager.

Set Up services



Set Up - Deployment services

HP Logistics Services

Get your devices delivered when, how and where you need them.

→ Inside delivery, Campus delivery, Consolidated delivery, Home delivery,...

HP Installation and Data Migration Services

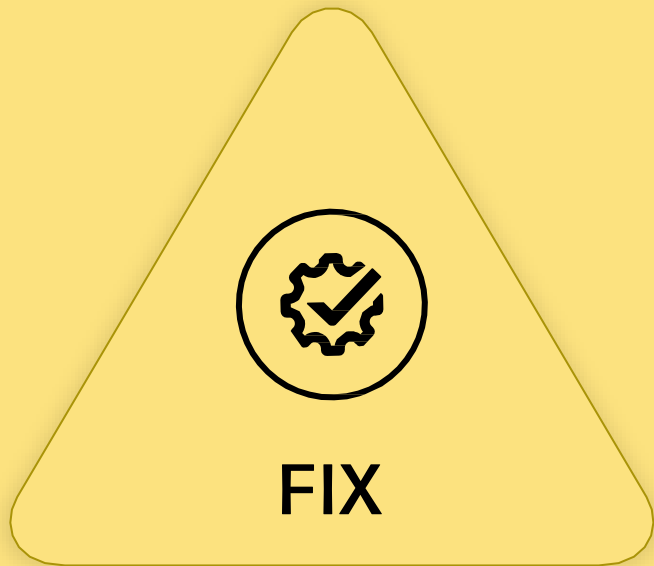
Broad range of custom installations and/or data migration services.

→ Unpacking, Data Migration, Power-on and boot, configuration security setting, network connection,...

HP Deployment Project Management services

A custom service for managing and coordinating a PC deployment for your business.





FIX SERVICES

Helps IT:

Resolve employee device issues with minimal impact to their IT Teams

- Repair
- Replace

Fix services



Fix - Carepack services: simplified portfolio



HP Care

HP Offsite support/Pick Up and Return.

HP Onsite Care

Remote assistance and onsite support for covered hardware.

HP Active Care

NBO Carepack with additional predictive device health analytics on HDD, Battery, Thermal health, BIOS settings.

SPEED TO PRODUCTIVITY



Fix services



Fix - Carepack services: Optional Add-ons



HP Post Warranty

Extension of HW warranty with an additional year.

HP Travel support

Hardware support for mobile users.

HP Defective Media Retention (“DMR”)

Allows the customer to keep their HDD (data) when defective and ensures replaced by new HDD.

HP Accidental Damage Protection (“ADP”)

Safeguard hardware against accidental damages.

Fix services



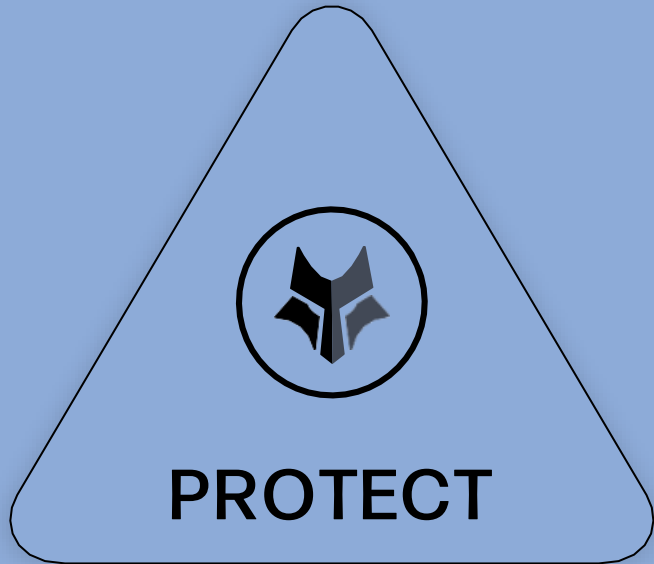
Fix - Carepack services: Optional Add-ons



HP Priority service

Enterprise-level, support services to reduce help desk workloads for HP commercial printers and PCs.

- **Priority Access:**
access to support agents, online case management.
- **Priority Access PLUS:**
+ dedicated support contact, performance reporting.
- **Priority Management:**
+ support manager, parts prioritization, performance management.



PROTECT SERVICES

HP helps:

IT fortify the first line of defense with HP Wolf endpoint security solutions that safeguard:

- People
- Devices
- Data

Protect services



Protect services: BELOW, IN and ABOVE the OS

HP Wolf Security for Business

Foundational, built-in security. Hardware-enforced endpoint protection.

HP Wolf Pro Security

Is a comprehensive security suite that helps small to mid-sized businesses defend against endpoint attacks.

HP Wolf Enterprise Security

Eliminates disruptive, high-risk threat vectors in Enterprise-sized businesses.



Protect services

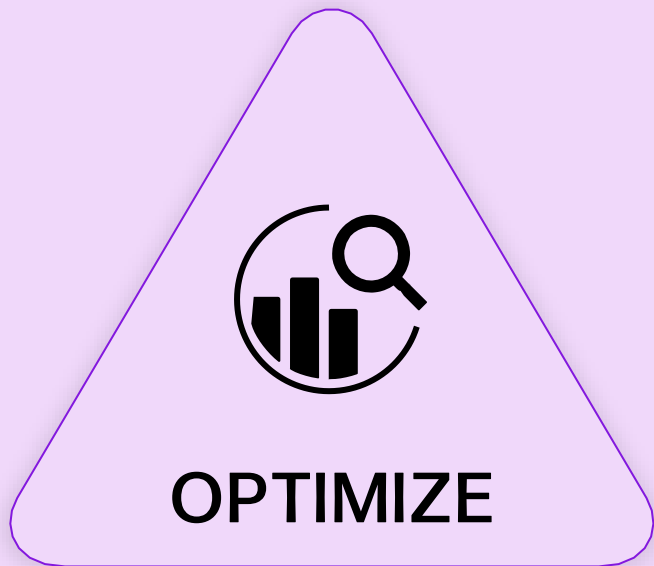


Protect services: BELOW, IN and ABOVE the OS



HP Wolf Protect and Trace

HP Carepack that provides a complete hardware-enforced Find, Lock and/or Erase service.



OPTIMIZE SERVICES

HP helps IT:

- Anticipate
- Identify
- Resolve problems.

To give them more visibility and control into issues, before they make an impact on business.

Optimize service



Optimize services: HP Proactive Insights



HP Proactive Insights

Cloud-based endpoint management service that delivers device analytics (HP Techpulse telemetry) and AI-powered insights and reports, intended to optimize a customer's device management and planning. (device health, performance and security).

- Multi-OS.
- Multi-vendor.



RENEW SERVICES

HP helps:

IT phase out end-of-use devices

- Securely
- Responsibly

Renew services



Renew services: secure and responsible phase-out of end-user devices.



HP Deinstallation Services

Removal of PCs, displays, and peripherals from an End-user location and move them to a designated location.

HP Sanitization Services

Permanent and secure erasing of customer data, by either wiping or destroying the hard disk drive (including Certificate of Data Sanitization).

HP Recycling Services

Collect and remove retired devices from a centralized location and transport them to the official HP recycling center for final disposal.

HP Device Recovery Services

A comprehensive solution that includes the secure and sustainable repurposing of end-of-use devices and provides customers with the residual monetary value.



Renew services



Renew services: secure and responsible phase-out of end-user devices.

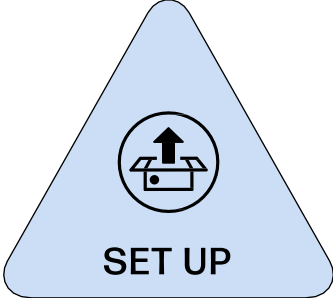
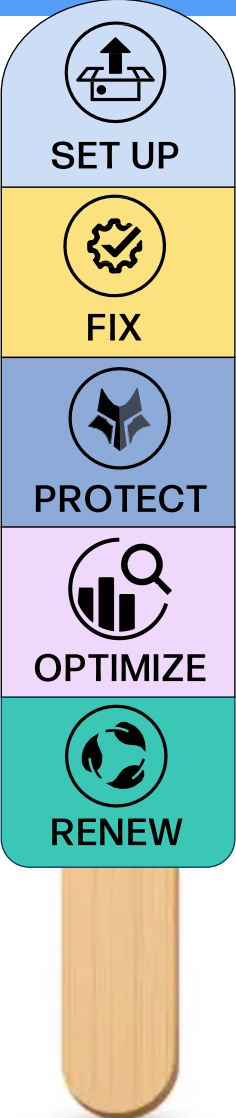


HP Carbon Neutral Service

HP Carepack that offsets the end-to-end carbon footprint of the customers' HP pc's and printers.

- "To the door"
- "To the door" + "Lifecycle"

HP Services come in many different flavours



Configuration Services
Custom System Settings.
Image and Application.
Integration & Packaging.
Asset Labeling & Tagging.
Dynamic Configuration.
Device Provisioning.

Deployment Services
Logistics Services.
Instal. & Data Migration.
Deployment Project Mgmt.

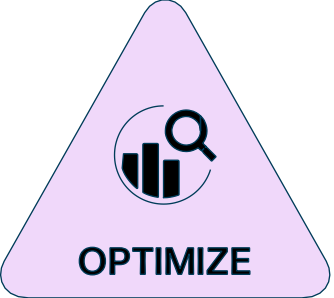


Carepack Services
HP Care.
HP Onsite Care.
HP Active Care.

Post warranty.
Travel support.
DMR.
ADP.
Priority service.



Protect Services
Wolf security for Business.
Wolf Pro security.
Wolf Enterprise Security.



Optimize Services
Proactive Insights.



Renew Services
Deinstallation.
Sanitization.
Recycling.
Device Recovery.
HP Carbon neutral.



Bedankt!

Zijn er vragen?



Tijd voor een pauze!





De hybride en duurzame werkplek in de praktijk



Ives Ledegen

Endpoint Management



Technical Expert



Microsoft Certified Solutions Associate & Microsoft Certified Trainer



Wintel Architect



Music, passive (concerts & festivals) & active (guitar & bass)



Aalst, Belgium

TOPICS

- Today's situation
- Traditional mgmt (no longer sufficient)
- Modern mgmt : INTUNE



inetum 
realdolmen
Positive digital flow

Today's situation



ICT consequences impact everyone:

End Users

Massive teleworking

- Centralized Files
- No collaboration platforms
- Slow connectivity (VPN, home Wifi ...)

ICT department

Infra changes

- Urgent
- Drastic
- Infra
 - Network, VPN, capacity, bandwidth, ...
- No mgmt
 - No inventory, no reporting
 - No updates, no security
 - Software distribution, ...

Management & C-level:

Increase costs

- Sudden
- Big
- Unexpected
- Necessary



And add to that

CYBER ATTACKS !!!

Cyber attacks

- Cryptolockers
- Phishing
- Pass-the-Hash attack

37,982 incidents in 2021. More than 100 each day. An increase of 37 % compared to 2019. (Belgische Kamer van Volksvertegenwoordigers)

Belgium suffers first digital attack on ATMs (VRT, Sat 04 Jul 2020)

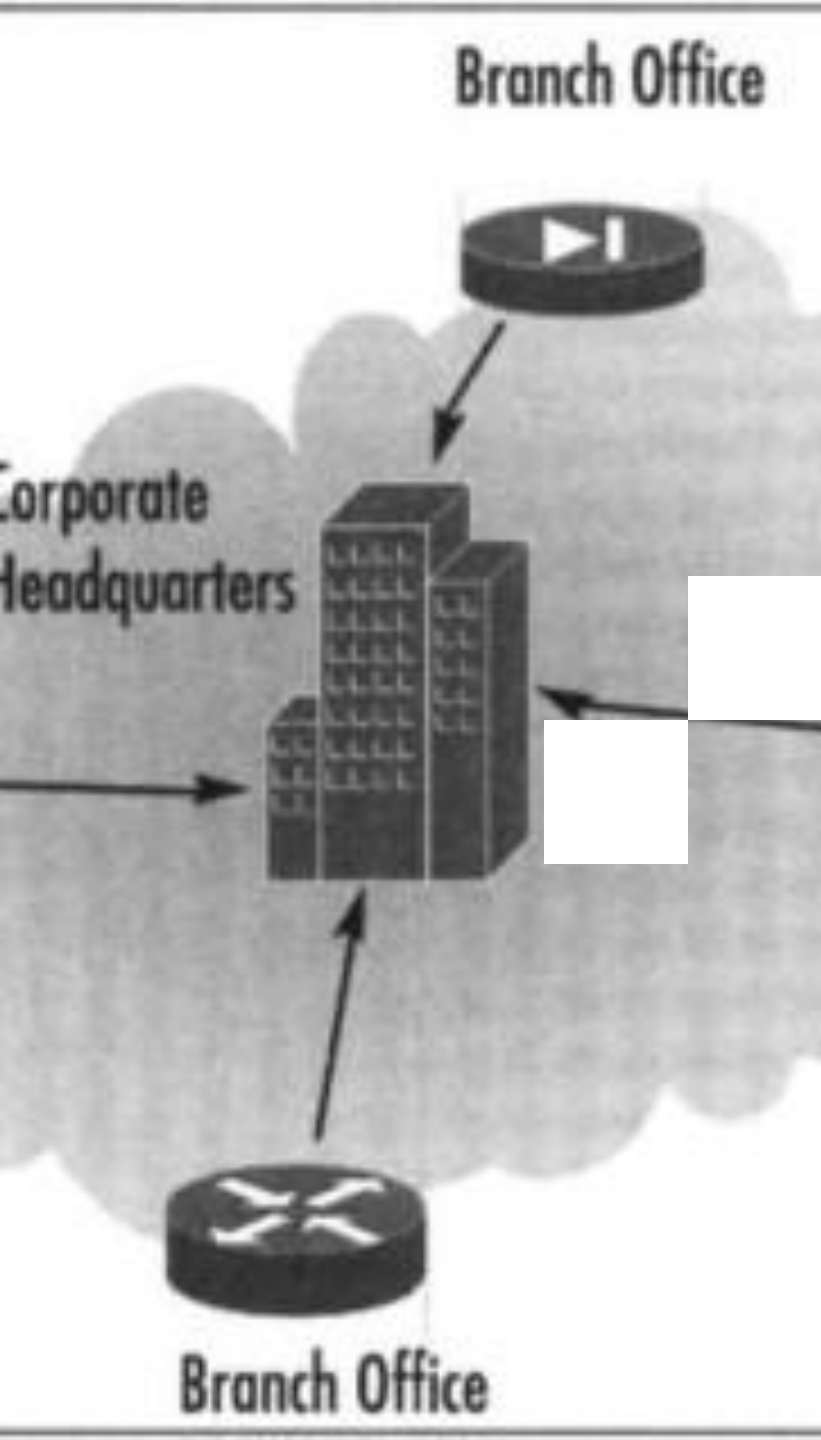
Belgium's parliament and universities hit by cyber attack (euronews.com, May 5th 2021)

Belgium hacked, most likely by China (euractiv.com , May 26, 2021)

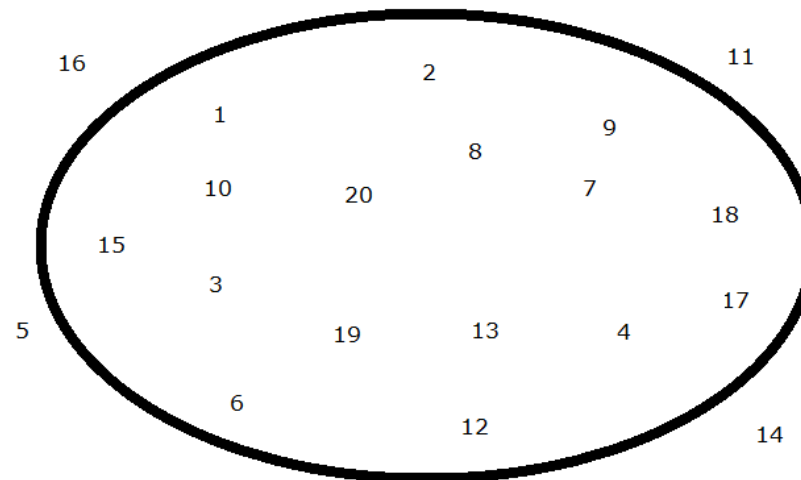


**Traditional MGMT is no
longer sufficient**

Traditional topology

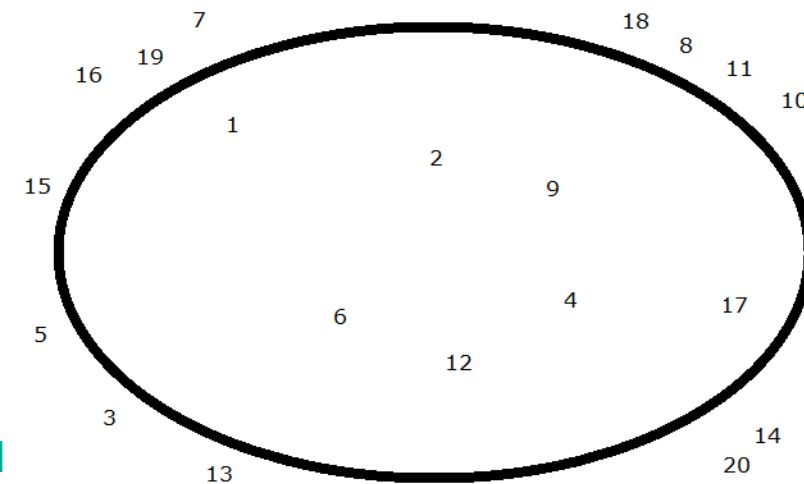


- Focus on "star"-shape
- Centralized Management topology
- "Outside bad, inside good ..."



Situation today

- More & more people in “bad outside”
- LAN/WAN design not adapted to new situation
- Users traffic ↗
- Mgmt traffic ↗
- VPN performance ↘
- “Hat tricks”
- Split tunnel VPN
- “Empty” Distribution Point SCCM



inetum 
realdolmen
Positive digital flow

**Modern management:
INTUNE**

Microsoft INTUNE

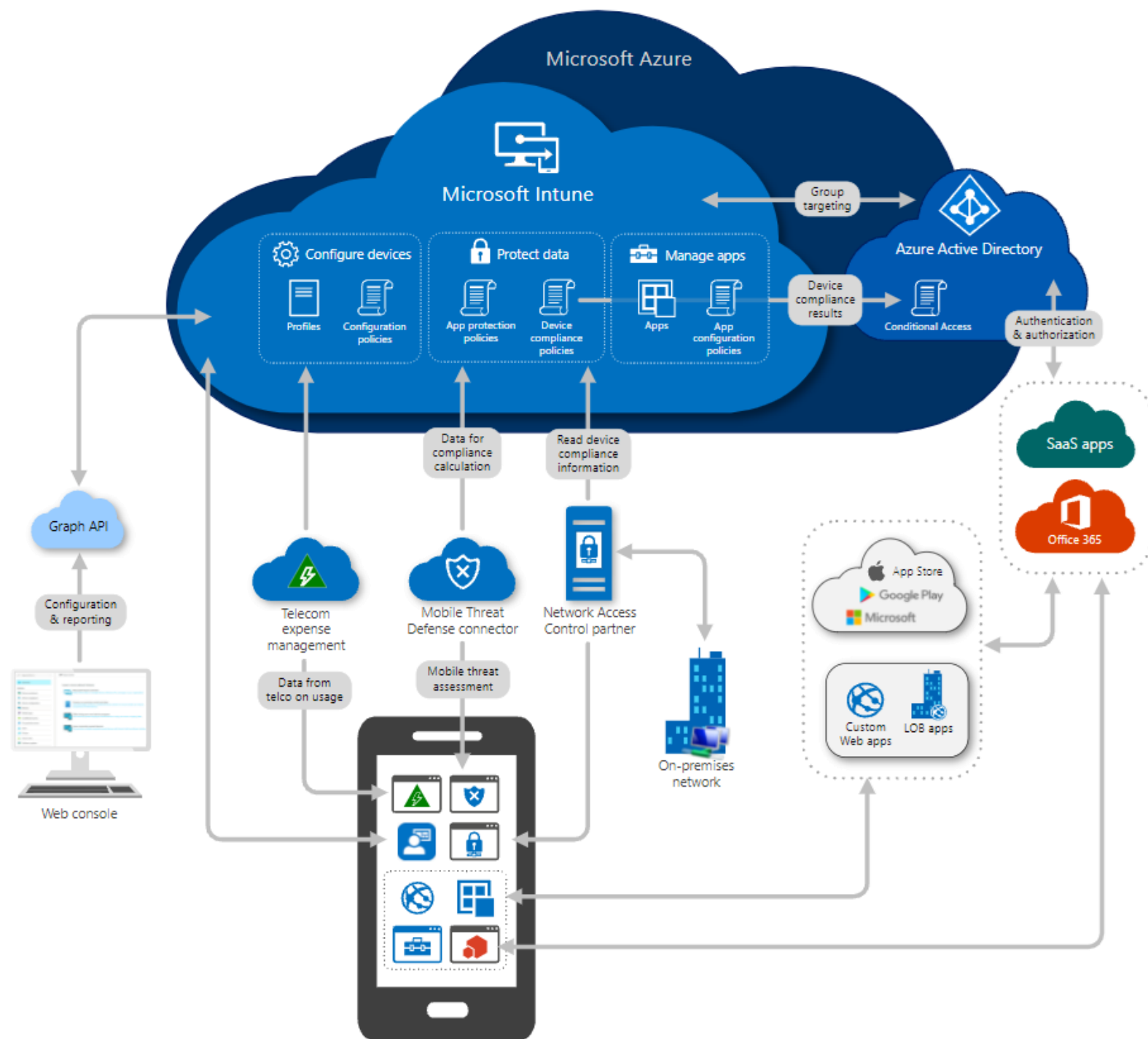
- Cloud Service
- Component of EM+S
- Mgmt & security
- **Device** : MDM (Mobile Device Management)
- **Applications** : MAM (Mobile Application Management)
- **Identity** : (MFA + Windows Hello)
- Laptops, smartphones & tablets
- Windows 10/11, iOS, MacOS, Android



Microsoft INTUNE

- Complete lifecycle
- Deployment & distribution
- Windows Autopilot (W10/11)
- Application mgmt & data protection
- Updates distribution
- Mgmt & security
- Policies
- Configurations & restrictions
- Information
- Inventory, reports, compliancy...
- "End of life"
- Delete, Wipe, Reset possibility





Complete management tool

Autopilot (Deployment)

- Factory or corp img
- Connection (Azure AD & Hybrid Domain Join)



Windows Autopilot

Intune (Management)

- Software
- Updates
- Upgrades
- Drivers
- Lic (subscription)
- ...



EM+S (extension)

- Encryption
- MFA
- CA
- WHfB
- ...



Enterprise Mobility + Security



Windows Autopilot

Windows Autopilot

- Goal
 - New experience for end users on new devices
 - Zero-touch deployment Windows workstations
 - Cost of re-imaging ↘
 - No maintenance of TS, images & drivers
 - Remote wipe/reset
- Deploying new devices
 - Starting from OEM pre-install
 - Integration in the device supply chain
- Reset
 - No re-image
 - Remote
 - Re-enrollment to "business ready" status

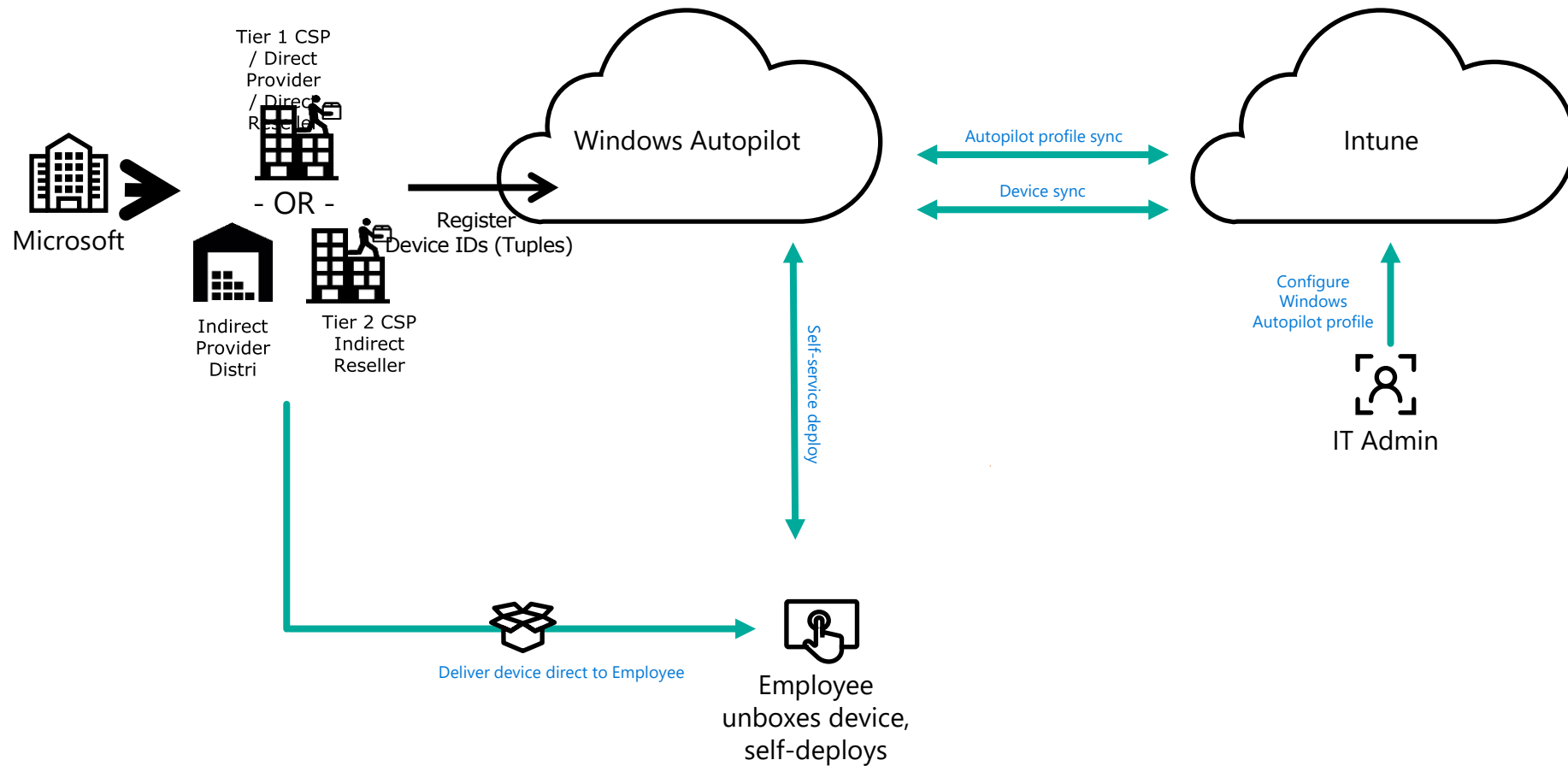


Windows Autopilot

Windows Autopilot

- 3 (simple) steps
- 1 - Device registration (by HW vendor)
 - Automatically register devices in Autopilot services in Azure AD tenant
- 2 - Profile creation & assignment (by IT admin)
 - Profile + assign
 - Create custom settings
 - Assign lic to user
- 3 - Shipping (to end user)
 - Unbox + power-on + Network
 - Home/office/ ...
 - Azure AD credentials + MFA

Windows Autopilot:



Zero touch deployments for new PC

Save time with secure deployments and automation

DEPLOY

What you can do

Rapidly onboard digital workers

Ship new devices to employees anywhere

Simplify authentication and automate MDM enrollment

Local upgrade to Enterprise edition

Ensures app & user data are available

How you can do it

Zero Touch deployment with [Windows Autopilot](#)

MFA based on [Azure AD](#) with [Windows Hello for Business](#)

Automated [Windows Enterprise activation](#)

Deploy [targeted apps](#) for instant productivity

Why it matters

"Device deployment and provisioning using Autopilot, including document migration, saves several hours per device implementation, adding up to a three-year PV of \$102,000 or \$137 in time savings per deployment."

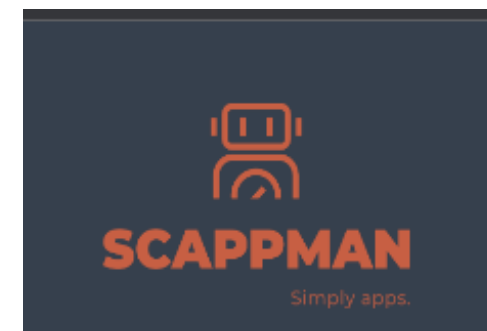
-Forrester TEI study Windows Pro devices

Microsoft Intune

- Software
- Updates
- Upgrades
- Drivers
- Licenses (subscription)
- Compliancy
- ...

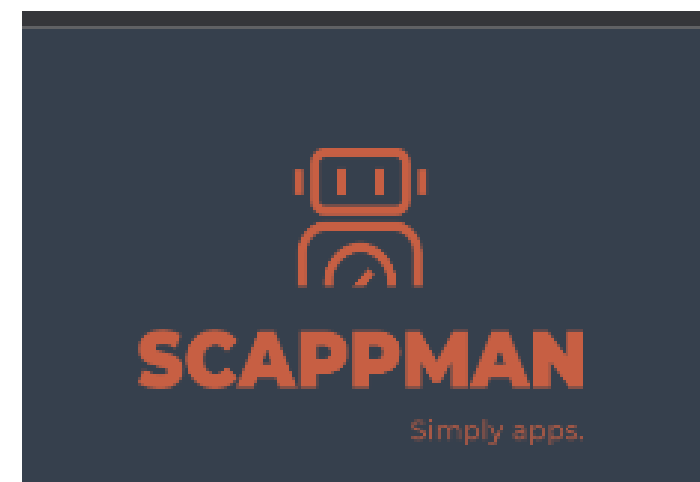
Intune - Software

- Different types
- Microsoft Store app (new & legacy)
- Microsoft 365 Apps
- Microsoft Edge
- Web links
- Line-of-business app (MSI)
- Windows app (Win32)
- ! New version = new "package" !
- 3rd party : SCAPPMAN



SCAPPMAN

- 3rd party
- Cloud Service (only AAD)
- Freewares
- (un)install, Automatic updates, (re)deploy ...
- Via portal : <https://portal.scappman.com>



Intune – Updates & Upgrades OS

- Update rings
- deferral of feature & quality updates
- Feature updates
- Ex: 21H2 → 22H2 upgrade
- Quality updates
- Driver updates
- Manual / automatic approval
- Windows Autopatch
- Automated patch management service
- Patching of M365
- E3 or +

Windows Autopatch

Microsoft Endpoint Manager admin center

Home > Tenant administration > Tenant admin | Tenant enrollment

Search (Ctrl+/)

- Tenant status
- Microsoft Tunnel Gateway
- Connectors and tokens
- Filters (preview)
- Roles
- Azure AD Privileged Identity Management
- Diagnostics settings
- Workbooks
- Audit logs
- Device diagnostics

End user experiences

- Customization
- Custom notifications
- Terms and conditions

Windows Autopatch

- Tenant enrollment

Welcome to Windows Autopatch

Windows Autopatch is a monthly subscription service to manage all updates for Windows 10 and Windows 11 environments, Windows 365 clients, Microsoft 365 apps, Microsoft Teams, and Microsoft Edge. For technical information, [learn more about Microsoft Autopatch](#). If you're unfamiliar with Windows Autopatch, [learn more about the service generally](#).

To enroll your tenant, start with the readiness assessment tool

The readiness assessment tool checks certain details of your Intune and Azure AD settings to ensure they're ready for the best experience when you enroll in Windows Autopatch. Run this tool whenever you want to confirm you've taken care of any reported issues.

We'll give you a list of things you need to do before enrolling in the tool, [learn more about our prerequisites](#). You must be signed in as at least Intune admin to run this tool. Some checks require additional permissions. [Learn more about these checks](#), permissions, and data storage. Once the tool shows you're ready, you can enroll your tenant into the service. You will not need to run the tool again. You must be a Global Administrator to enroll into the service.

This tool collects, assesses, and stores data in the service to perform the assessment. We do not collect or store personal data, nor share your data with other services. However, we do collect system metadata and organizational information to complete this assessment. We retain data for 12 months after you last use this tool to provide and improve the service. After 12 months, we retain it in de-identified form without company name. You can choose to delete the data we collect. [Learn more about the checks](#) and review the [privacy statement](#).

Select check box to allow Microsoft to assess and store results for the readiness assessment, and then select **Agree**.

Agree

Windows Autopatch

- Creating
- Groups
- Update Rings

- Fully automated
- Sends e-mails

Quality Update Schedule

Windows Autopatch

When will this happen

The March 2023 Windows quality update (2023.03 B) will be deployed on the following schedule to all Windows Autopatch devices:

- Test group offered on: March 14, 2023 - Update deadline: March 14, 2023.
- First group offered on: March 15, 2023 - Update deadline: March 17, 2023.
- Fast group offered on: March 20, 2023 - Update deadline: March 22, 2023.
- Broad group offered on: March 23, 2023 - Update deadline: March 28, 2023.

To learn more about update rings and how to move devices between rings, refer to the Autopatch [Update Management documentation](#).

Reminder: The schedule above might be altered if deferral and/or deadlines are modified for any of the rings. Furthermore, all quality updates may be expedited, or delayed, based on Windows Autopatch health signals related to each release. Note that any service-driven changes to the quality updates deployment will be communicated via [Windows Autopatch communications](#).

Enterprise Mobility & Security extends mgmt

- Information protection
 - Azure Information Protection
- Device protection
 - Secure boot
 - TPM
 - Bitlocker
 - Defender
 - ...
- Identity Protection
 - MFA
 - CA
 - WHfB
 - ...

Secure the digital workforce with Windows 11 Enterprise and Intune



Protect the digital worker

Zero Trust security built-in

Windows, Microsoft Intune and Azure AD can reduce the data breach risk by 45% and overall IAM security management costs by 50%.



Simplify IT management

Proactive remediation and automation from a single source

Improved security adds \$1.2 million to the bottom line.

The Total Economic Impact™ Of Microsoft Endpoint Manager," commissioned by Microsoft, Forrester Consulting, April 2021



Power better experiences

Protected and productive without downtime

Windows customers can obtain between 109% and 394% projected return on investment.

"The Total Economic Impact™ Of Windows 11," commissioned by Microsoft, Forrester Consulting, July 2022



TCO and cost savings benefits from Microsoft 365 E3



Reduce risks with managed security

Achieve a Zero Trust security model

SECURE

What you can do

Modernize endpoint security configuration in the cloud

Ensure least privilege access

Reduce risk of breach

Manage BYO scenarios with policies that protect company data

How you can do it

Migrate **Group Policy Objects** to the cloud for management consistency.

Set Azure AD *risk-based* **Conditional Access** to control access to resources and enforce *app-based* conditions with **Edge** and LOB apps

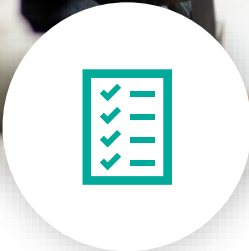
Use **Risk Scores** to resolve endpoint issues and help unify IT and security teams

Why it matters

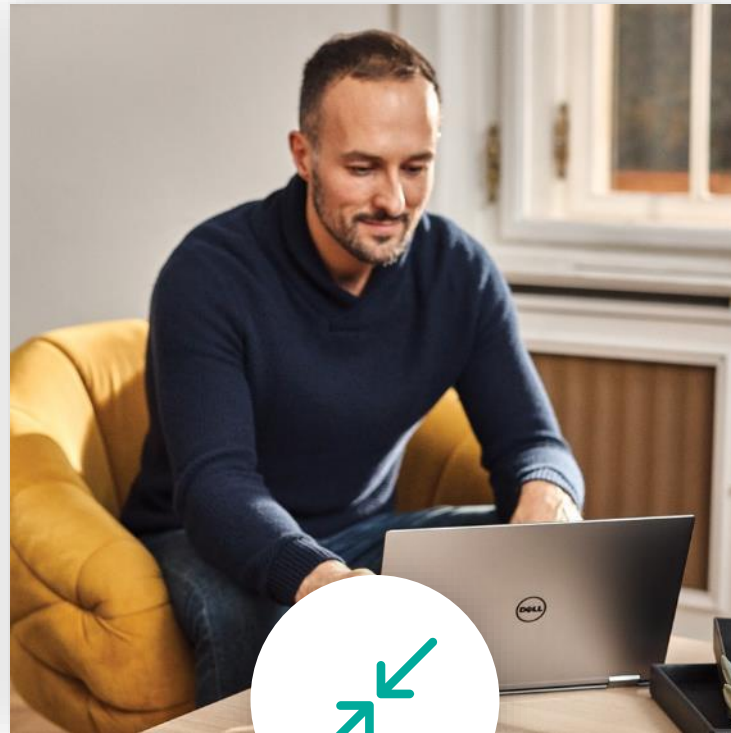
"Microsoft Intune is the center of our endpoint protection strategy. It sets initial configuration through baselines and policy to harden our Windows and iOS devices. That way, we can disable access for devices that do not pass compliance policy."

-Head of Productivity and Endpoint Engineering

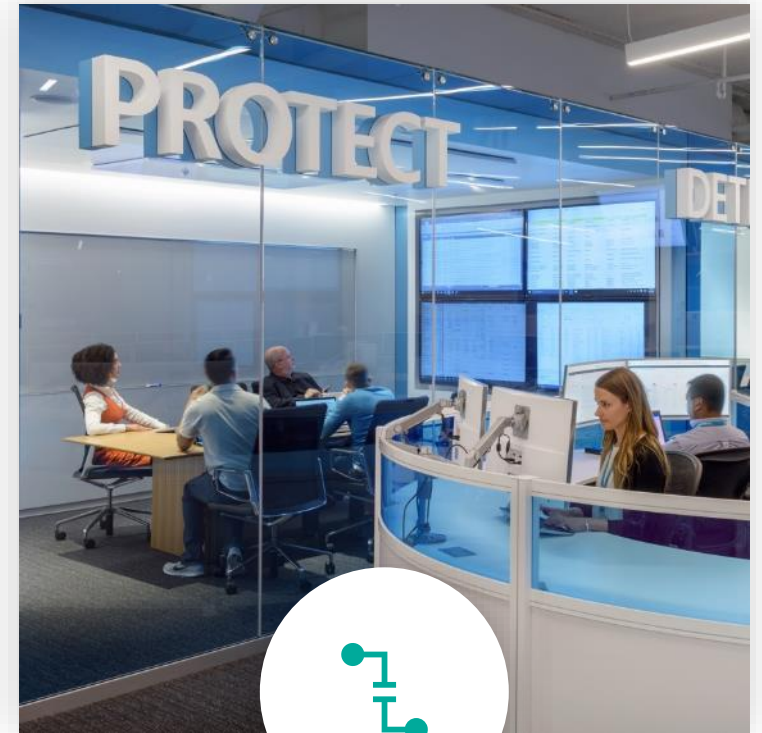
A new reality needs new principles



Verify explicitly



Use least privilege access



Assume breach

All this in a safe way



Get started with Identity

Review your Microsoft Secure Score at <https://go.microsoft.com/fwlink/?linkid=2063716>

Enable stronger authentication with MFA.

Reduce attack surface by blocking legacy authentication using Conditional Access

Monitor and identify risk events using intelligent reporting

Set up secure devices

Unlock additional cloud-powered capabilities with co-management

Enable devices to differentiate between trusted and untrusted devices

Enable advanced threat protection on endpoints

Report and measure device compliance

Leverage secure apps

Allow access to corporate resources from trusted and secure apps

Control app behavior to prevent data leakage

Use Azure AD Premium and Intune specific policies related to Outlook mobile

Assess Windows AV

Secure and seamless access to data using Microsoft Edge and Microsoft Search

Protect data

Assess and create a label taxonomy (classification of data) and policies for protecting documents

Enable advanced protection for URLs, attachments, and phishing emails

Enable automated investigations and responses for threats on endpoints and data

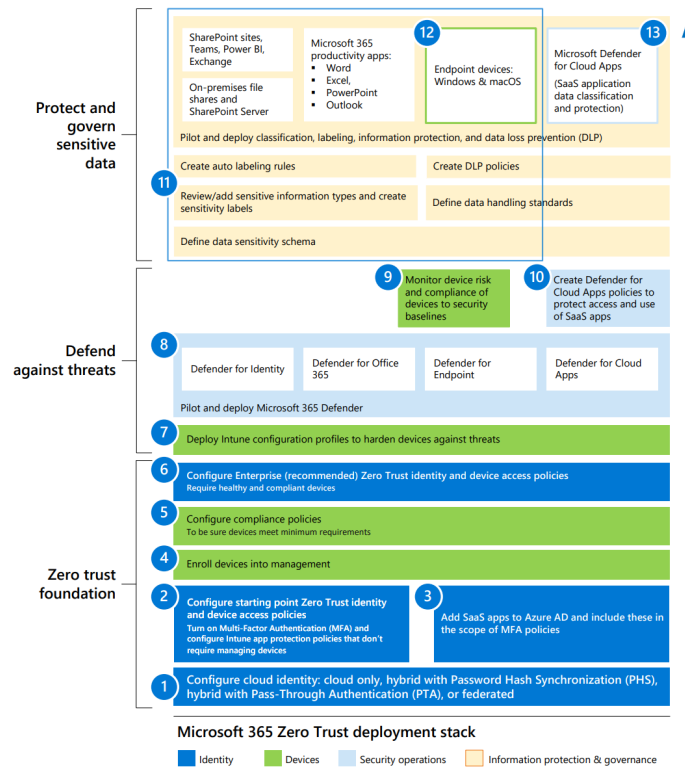
Zero Trust deployment plan with Microsoft 365

A clickable deployment plan in the Zero Trust universe

Deploying Zero Trust using Microsoft 365 capabilities

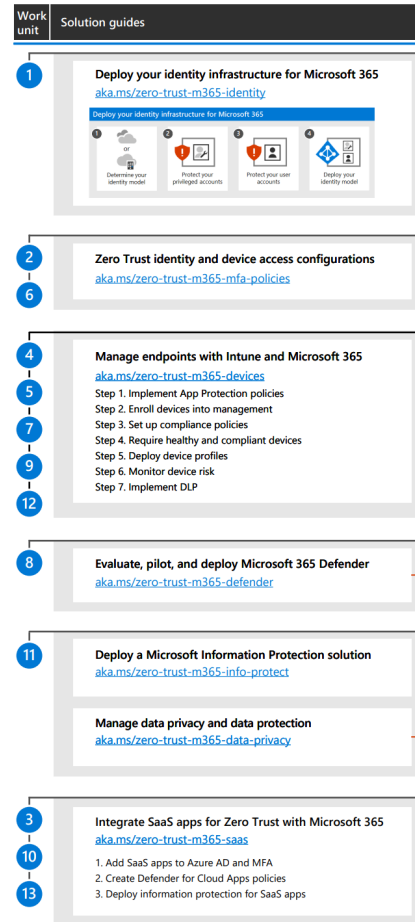
This poster represents the work of deploying Zero Trust capabilities with Microsoft 365. This work is broken into units of work that can be configured together, starting from the bottom and working to the top to ensure that prerequisite work is complete.

This Microsoft 365 Zero Trust deployment stack illustrates the recommended units of work. Read more here — aka.ms/zero-trust-m365.



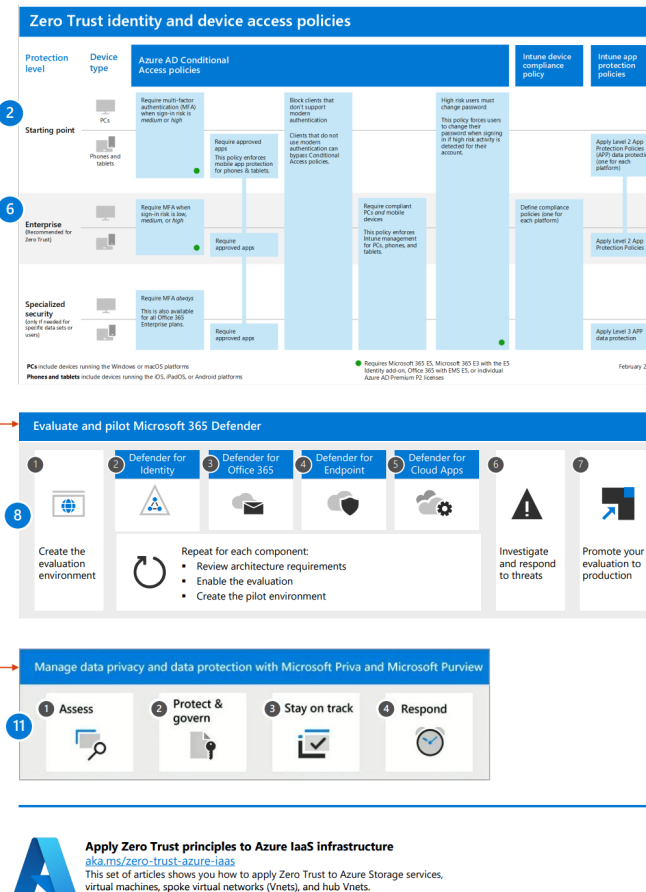
Prescriptive solution guides

Each of these guides describe how to accomplish specific units of work that are prescribed by the deployment plan.



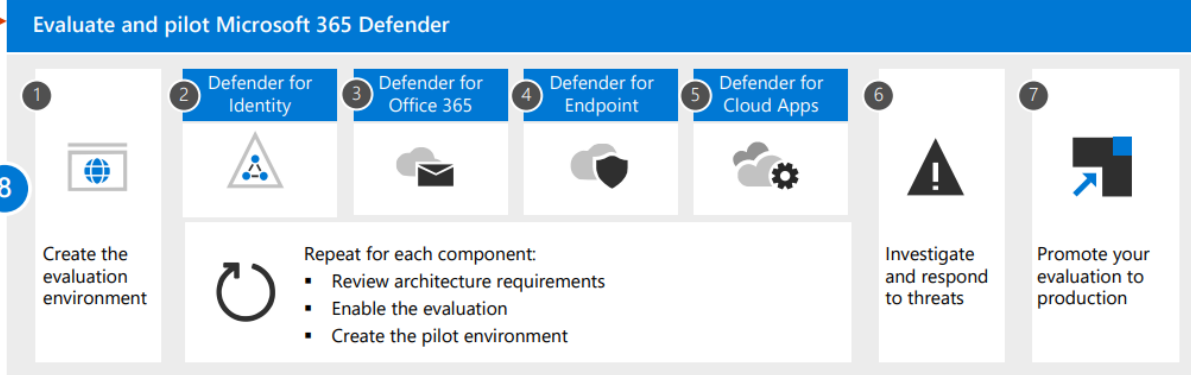
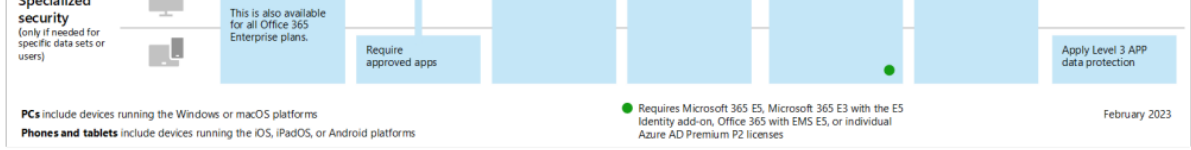
Supporting illustrations

These illustrations from the prescriptive solution guides are included here for your reference.



Apply Zero Trust principles to Azure IaaS infrastructure
aka.ms/zero-trust-azure-iaas
This set of articles shows you how to apply Zero Trust to Azure Storage services, virtual machines, spoke virtual networks (Vnets), and hub Vnets.

- 4 **Manage endpoints with Intune and Microsoft 365**
[aka.ms/zero-trust-m365-devices](#)
- 5 Step 1. Implement App Protection policies
- 7 Step 2. Enroll devices into management
- 9 Step 3. Set up compliance policies
- 12 Step 4. Require healthy and compliant devices
- 8 Step 5. Deploy device profiles
- 8 Step 6. Monitor device risk
- 8 Step 7. Implement DLP
- 8 **Evaluate, pilot, and deploy Microsoft 365 Defender**
[aka.ms/zero-trust-m365-defender](#)
- 11 **Deploy a Microsoft Information Protection solution**
[aka.ms/zero-trust-m365-info-protect](#)
- 11 **Manage data privacy and data protection**
[aka.ms/zero-trust-m365-data-privacy](#)
- 3 **Integrate SaaS apps for Zero Trust with Microsoft 365**
[aka.ms/zero-trust-m365-saas](#)
- 10 1. Add SaaS apps to Azure AD and MFA
- 13 2. Create Defender for Cloud Apps policies
- 13 3. Deploy information protection for SaaS apps



Apply Zero Trust principles to Azure IaaS infrastructure
[aka.ms/zero-trust-azure-iaas](#)
This set of articles shows you how to apply Zero Trust to Azure Storage services, virtual machines, spoke virtual networks (Vnets), and hub Vnets.

Enterprise Mobility and Security powered by Microsoft 365

Solution	Feature/capability description	Microsoft 365 Business Premium	Microsoft 365 F1/F3/E3	Microsoft 365 E5
Identity and Access Management	Simplified access management and security: Centrally manage single sign-on across devices, your datacenter, and the cloud.	●	●	●
	Multi-factor authentication: Strengthen sign-in authentication with verification options, including phone calls, text messages, or mobile app notifications, and use security monitoring to identify inconsistencies	●	●	●
	Conditional access: Define policies that provide contextual controls at the user, location, device, and app levels to allow, block, or challenge user access.	●	●	●
	Risk-based conditional access: Protect apps and critical data in real time using machine learning and the Microsoft Intelligent Security Graph to block access when risk is detected.			●
	Advanced security reporting: Monitor suspicious activity with reporting, auditing, and alerts, and mitigate potential security issues using focused recommendations.		●	●
	Privileged identity management: Provide timely, on-demand administrative access to online services with access-related reporting and alerts.			●
	Windows Server Client Access License (CAL)¹: Provide each user access to server functions from multiple devices for a single fee.		●	●
Managed Mobile Productivity	Mobile device management: Enroll corporate and personal devices to provision settings, enforce compliance, and protect your corporate data.	●	●	●
	Mobile application management: Publish, configure, and update mobile apps on enrolled and unenrolled devices, and secure or remove app-associated corporate data.	●	●	●
	Advanced Microsoft Office 365 data protection: Extend management and security capabilities across users, devices, apps, and data, while preserving a rich, productive end-user experience.	●	●	●
	Integrated PC management: Centralize management of PCs, laptops, and mobile devices from a single administrative console, and produce detailed hardware and software configuration reporting	●	●	●
	Integrated on-premises management: Extend your on-premises management to the cloud from a single console with Microsoft System Center Configuration Manager and Microsoft System Center Endpoint Protection integration for enhanced PC, Mac, Unix/Linux server, and mobile device administration.	●	●	●
Information Protection	Persistent data protection: Encrypt sensitive data and define usage rights for persistent protection regardless of where data is stored or shared.	●	●	●
	Document tracking and revocation: Monitor activities on shared data and revoke access in case of unexpected events.	●	●	●
	Intelligent data classification and labeling: Configure policies to automatically classify and label data based on sensitivity and then apply persistent protection			●
	Encryption key management per regulatory needs: Choose default key management options or deploy and manage your own keys to comply with regulations.			●
Identity-driven Security	Microsoft Advanced Threat Analytics: Detect abnormal behavior in on-premises systems and identify advanced targeted attacks and insider threats before they cause damage.		●	●
	Microsoft Cloud App Security: Gain visibility, control, and protection for your cloud-based apps, while identifying threats, abnormal usage, and other cloud security issues.			●
	Microsoft Defender for Identity²: Detect and investigate advanced attacks and suspicious behaviors on-premises and in the cloud.			●

¹Customers purchasing Windows Server on-premises licenses, System Center Configuration Manager, System Center Endpoint Protection, Windows Defender, or Windows Defender for Identity previously known as Azure Advanced Threat Protection. ²Microsoft Defender for Identity. Enterprise Volume Licensing agreements may purchase the Enterprise Mobility + Security Add-on for Identity.

Device scenarios



BYOD – Bring Your Own Device

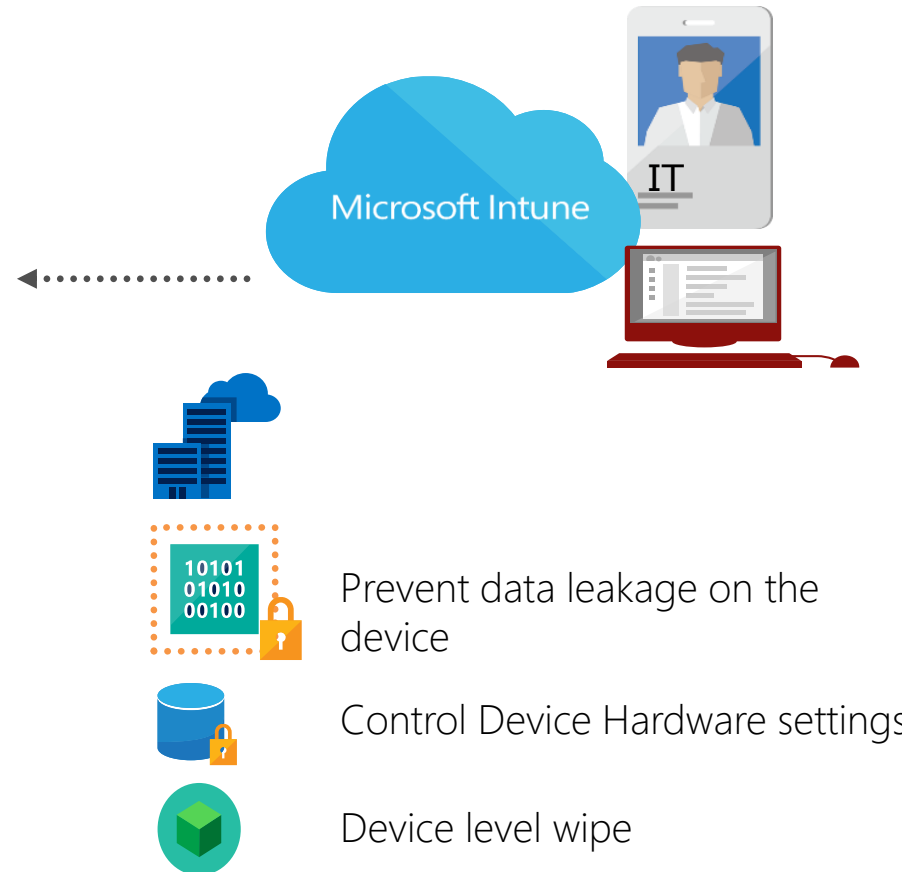
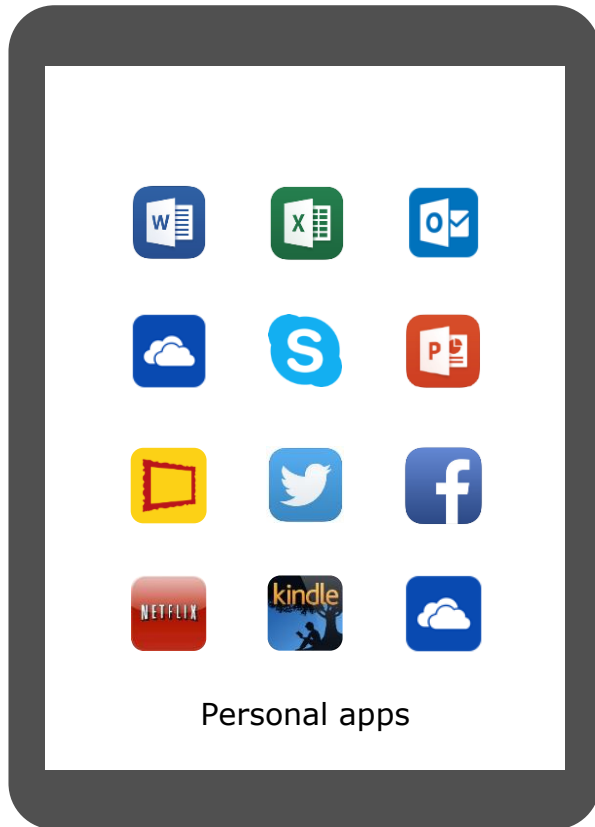
CYOD – Choose Your Own Device

COPE – Company Owned Personal Enabled

MDM

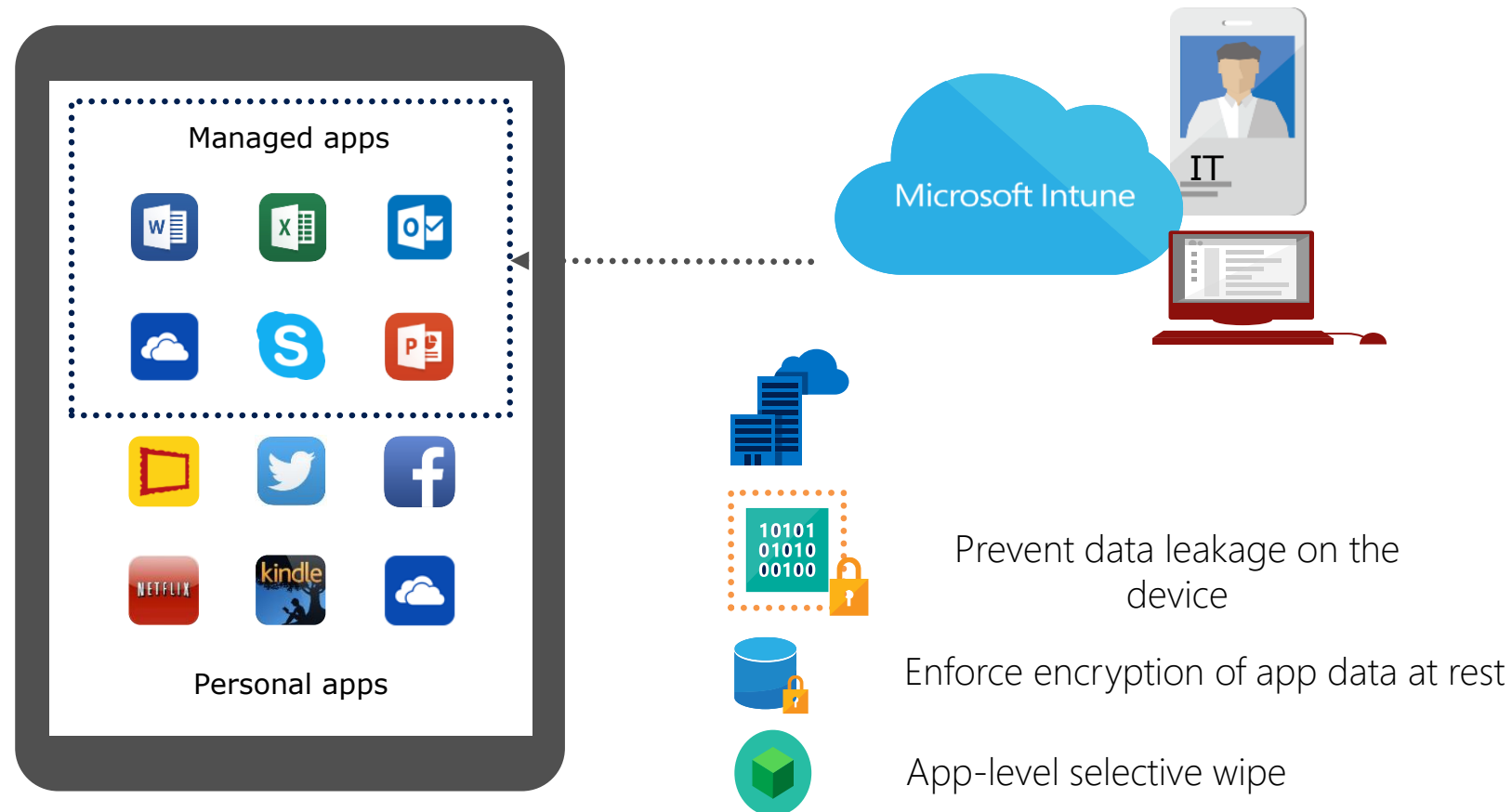
Mobile Device Management

Managed device



MAM

Mobile Application Management



Group structures principles

Baselines:

Device baselines

Groups device based

Different types of devices

User baseline

Personas

Departments

Groups user based

Baseline Device 1

- Android
- Byod
- MAM
- Security level 3

Baseline User 1

- HR
- Applications A, B, C & D
- Applications settings for A & B

Baseline Device 2

- Windows laptop
- Corporate owned
- Fully managed

Baseline User 2

- Sales
- Applications D, E, F, G & ...
- Restrictions & settings specific for Sales

Baseline Device 3

- iOS
- Corp Owned
- Kiosk

Baseline User 3

- CxO
- Application A,C,E & Gx
- Set of specific policies

Group nesting

Home > Groups | All groups > cg_intune_TST_BaselineDev_WIN_General_V001

cg_intune_TST_BaselineDev_WIN_General_V001 | Members
Group

« + Add members ✕ Remove ↻ Refresh | 📄 Bulk operations

Overview
Diagnose and solve problems

Manage

Search by name + Add filters

	Name	↑↓
<input type="checkbox"/>	CG cg_intune_TST_Deploy_AutoPilot_All	

Properties
Members
Owners

Home > Groups | All groups > cg_intune_TST_BaselineDev_WIN_General_V001 | Members > cg_intune_TST_Deploy_AutoPilot_All



cg_intune_TST_Deploy_AutoPilot_All | Members
Group

« + Add members ✕ Remove ↻ Refresh | 📄 Bulk operations | ☰ Columns

Overview
Diagnose and solve problems

Manage

Search by name + Add filters

	Name	↑↓	Type
<input type="checkbox"/>	 WIN-48QL8S3		Device
<input type="checkbox"/>	 WIN-B74TTG3		Device

Properties
Members
Owners
Roles and administrators

cg_intune_PRD_BaselineUsr_WIN_General_V001 | Group membership

Group

- Overview
- Diagnose and solve problems
- Manage
- Properties
- Members
- Owners
- Roles and administrators
- Administrative units
- Group memberships
- Applications
- Licenses
- Azure role assignments
- Activity
- Access reviews
- Audit logs
- Bulk operation results
- Troubleshooting + Support
- New support request

[+ Add memberships](#)
[✕ Remove memberships](#)
[🔄 Refresh](#)
[☰ Columns](#)

🔍 [+ Add filters](#)

	Name	Object Id	Manage
<input type="checkbox"/>	CG cg_intune_PRD_UsrConfig_WIN_OfficeSettings	5969ab06-0f7a-4...	Properties
<input type="checkbox"/>	CG cg_intune_PRD_UsrConfig_WIN_StartMenuLayout	95a768c4-5a20-4...	Members

- Overview
- Diagnose and solve problems
- Manage
- Properties
- Members
- Owners
- Roles and administrators
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- Troubleshooting + Support
- New support request

cg_intune_TST_BaselineDev_WIN_General_V001 | Group memberships

Group

- Overview
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[+ Add memberships](#)
[✕ Remove memberships](#)
[🔄 Refresh](#)
[☰ Columns](#)

<input type="checkbox"/>	CG cg_intune_TST_ASR_WIN_AttackSurfaceReductionRules	e80457f3-0...
<input type="checkbox"/>	CG cg_intune_TST_ASR_WIN_ControlledFolderAccess	c40bb8f9-e...
<input type="checkbox"/>	CG cg_intune_TST_ASR_WIN_DeviceControl	bfca5951-a...
<input type="checkbox"/>	CG cg_intune_TST_ASR_WIN_ExploitProtection	78c225b4-f...
<input type="checkbox"/>	CG cg_intune_TST_BitLocker_WIN_Default	5e6eea90-c...
<input type="checkbox"/>	CG cg_intune_TST_Compliance_WIN_General	39f6e392-d...
<input type="checkbox"/>	CG cg_intune_TST_DeploymentProfile_WIN_UserDriven_AAD	56d07764-f...
<input type="checkbox"/>	CG cg_intune_TST_DevConfig_WIN_AutoPilotReset	9ca8b6eb-8...
<input type="checkbox"/>	CG cg_intune_TST_Devconfig_WIN_AzureAdminGroup_Add	86e920c4-1...
<input type="checkbox"/>	CG cg_intune_TST_DevConfig_WIN_DesktopBackgrounds	8e429e97-8...
<input type="checkbox"/>	CG cg_intune_TST_DevConfig_WIN_EdgeDisableIE11	4a7652a4-c...
<input type="checkbox"/>	CG cg_intune_TST_DevConfig_WIN_EdgeSettings	7b3aeb7e-a...
<input type="checkbox"/>	CG cg_intune_TST_DevConfig_WIN_FileAssociations	f9d81281-7...
<input type="checkbox"/>	CG cg_intune_TST_DevConfig_WIN_NetworkSettings	5463d8c8-e...
<input type="checkbox"/>	CG cg_intune_TST_DevConfig_WIN_ResilienceSettings	7e8ee58f-e...
<input type="checkbox"/>	CG cg_intune_TST_DevConfig_WIN_WindowsHealthMonitoring	756de445-5...
<input type="checkbox"/>	CG cg_intune_TST_DevConfig_WIN_WindowsSettings	736f203b-c...
<input type="checkbox"/>	CG cg_intune_TST_EDR_WIN_DefenderOnboarding	3d4fe704-1...
<input type="checkbox"/>	CG cg_intune_TST_ESP_WIN_General	3f3495ac-d...
<input type="checkbox"/>	CG cg_intune_TST_Firewall_WIN_Default	2123745f-4...
<input type="checkbox"/>	CG cg_intune_TST_SecurityBaseline_WIN_Default	bc5dd053-b...
<input type="checkbox"/>	CG cg_intune_TST_Updates_WIN_ConfigureUpdates	4d3d5a15-b...
<input type="checkbox"/>	CG cg_intune_TST_Updates_WIN_SetFeatureUpdate	0f6e9991-f...



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CONCLUSION



Windows Intune: Win-Win

IT admin:

- One time job
- Designing & configuration
- Groups
- Settings
- Policies
- Cost of Transport ↘
- Less follow up in supply chain process ↘
- **Complete mgmt. outside the corp. network 😊**

End user

- Waiting time for new device ↘
- No migrations between devices
- Faster policies & settings
- Transparent experience between devices



And now ?

New to Intune ?

- We can help !
- Workshops
- Installation

Already Got Intune ?

- Assessment existing environment
- Scale up to WpaaS
- Transparent experience between devices

Get started

Contact your Sales Representative



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