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HP WOLF SECURITY

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GET SEAMLESS, CLOUD-NATIVE PRINT MANAGEMENT THAT SUPPORTS A HYBRID WORK ENVIRONMENT WITH POWERFUL INSIGHTS

HP SECURE PRINT

HP INSIGHTS

HP SECURE PRINT

Simplify your IT infrastructure and help secure your devices and document output workflows. HP Secure Print supports organizations looking to minimize or eliminate their printing infrastructure in favor of cloud-native print services. Leverage comprehensive analytics on your printing activity for continual insights and optimization.

What if you could...

- Easily set up and manage one pull-printing solution for HP and non-HP devices?
- Avoid the complexity and resources needed for server-based software?
- Make printing effortless from many types of devices and platforms?
- Store print jobs securely on the desktop, in the cloud, or both?
- Authenticate at the control panel with a card reader or user credentials?
- Release print jobs from a mobile device?
- Deploy one print solution with global availability in 11 languages, plus support for the EU's General Data Protection Regulation (GDPR)?
- Add comprehensive analytics to optimize your printing fleet?

The challenge

Shared printing environments can create costly security risks for businesses. Sensitive documents are often forgotten in printer output trays and may be seen or picked up by unauthorized users—a potential security breach. Abandoned or misplaced prints also waste time, supplies, and paper.

To solve these problems, some organizations implement server-based pull-printing solutions, but the infrastructure required can be complex and expensive to maintain. And in a multivendor environment, secure printing can require multiple solutions from different manufacturers.
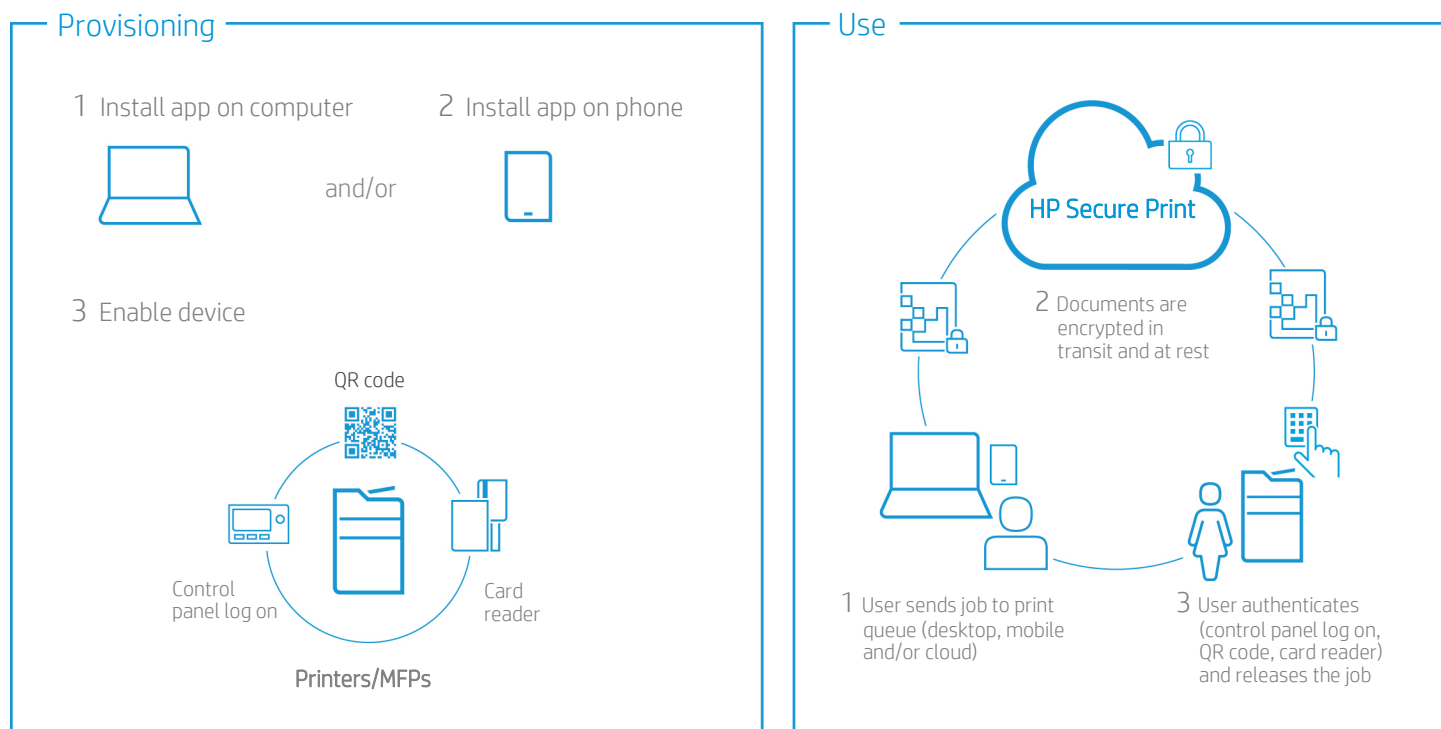
Simple, more secure printing

As the cyber world constantly transforms and evolves, so must cybersecurity. Cybercriminals are increasingly exploiting vulnerabilities in the changing workplace and targeting an ever-growing number of endpoints and IoT devices. HP Wolf Security is a new breed of endpoint security,[1] rooted in Zero Trust principles, that helps customers stay ahead of modern threats.

HP Secure Print—part of HP Wolf Enterprise Security Solutions—is a flexible, cloud-native solution that increases security and control of your print environment by releasing documents only to authorized users.[2] Employees can submit print jobs from desktops (Windows®, Mac, Linux®) or mobile devices (iOS, Android™). With driverless printing, there's no need to download and install vendor-specific drivers or configure print queues. OpenID Connect (OIDC) technology makes it simple for users to submit print jobs using SSO credentials, such as Office 365/Azure AD, Google™, Okta, and Ping Identity.

Print jobs are held in an encrypted queue on the desktop or in the cloud until users release their documents at any enabled MFP. Users authenticate with cards or user credentials at the control panel, or with a mobile QR code. Unprinted jobs are automatically deleted based on your company's expiration policy—reducing waste and resource costs.

HP Secure Print helps cut costs and increase productivity without onsite servers, storage, or software to deploy and manage. Get more secure printing with or without a corporate network—even in zero trust, Internet-only environments. The solution is easy to set up and use, automatically scales to your operation, and supports devices from a variety of major manufacturers.

How HP Secure Print works[2]

Provisioning

1 Install app on computer

2 Install app on phone

and/or

3 Enable device

QR code

Control
panel log on

Card
reader

Printers/MFPs

Use

HP Secure Print

2 Documents are
encrypted in
transit and at rest

1 User sends job to print
queue (desktop, mobile
and/or cloud)

3 User authenticates
(control panel log on,
QR code, card reader)
and releases the job

Count on quick and intuitive installation, simple configuration, and automatic deployment of new features. This easy-to-use solution is cloud-based, so you don't have to purchase and manage additional onsite servers and software.

A scalable, more secure solution

HP Secure Print is a flexible solution that supports all network types, whether a traditional corporate network behind a firewall or a zero-server print infrastructure environment. It even supports the networks of tomorrow, as organizations move to zero trust, Internet-only network systems.

HP Secure Print is designed to keep your data, devices, and workflows secure using the latest security standards:

• Data is encrypted at rest using AES-256 and in transit with TLSv1.2 using SHA-256

• Printer network traffic is encrypted using IPPS

• Print jobs remain inside the customer network with the on-premises job storage option

• Printers can be secured by IP address or network name

• User identity information (card number, user PIN) is hashed as a one-way, non-reversible value

• Cloud-native architecture allows quick deployment of new features and updates

Gain powerful insights

HP Secure Print includes HP Insights, a comprehensive print analytics solution that allows you to track and gather print user data, analyze the results, and create reports to continually optimize your print environment and improve efficiency.[3] See the following page for details.

HP INSIGHTS

Optimize your print environment with analytics

HP Insights is a powerful tool to help you understand and optimize how people print across your organization. HP Insights is bundled with HP Secure Print, and it can also be purchased separately.[3]

The challenge

Businesses are looking for provable, tangible ways to become more sustainable and cost-efficient. Print management plays a significant role in sustainability initiatives, and yet most organizations aren't aware of how their printers are being used and the true costs associated with printing. Analysis can be difficult in today's environment of multivendor fleets, personal and networked printers, and distributed workforces.

What if you could…

- Monitor your entire multivendor fleet, including personal printers?
- Use a powerful application to sift through data, freeing up IT time and resources?
- Get detailed print analytics on demand via a simple, intuitive web dashboard?
- Easily see the true cost of printing throughout your organization?
- Collect comprehensive statistics without the hassle of managing software versions or servers?
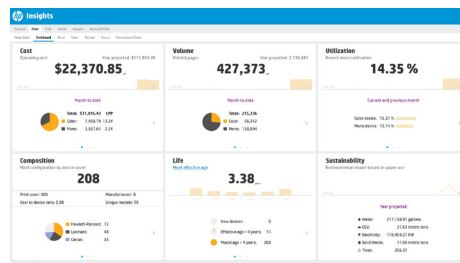
The solution

Let HP Insights free up time and maximize resources by doing the heavy lifting for you. Easily track and monitor printing behaviors and device use from a simple, user-friendly dashboard. HP Insights sifts through the data, providing comprehensive analytics on demand to help you continually optimize your print environment.

Reduce waste by tracking printing behaviors like single-sided versus two-sided printing, unnecessary color volume, and the ratio of employees per device. These data insights can translate into significant cost savings.

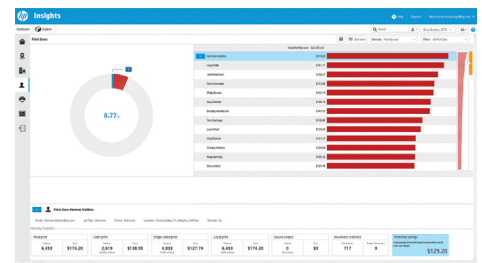Easily deploy and scale this cloud-based solution across your entire fleet.

The **Fleet Dashboard** provides visibility to the key metrics in your print environment, including:

- Total operating cost
- Device utilization
- Sustainability information
- Page volume

The **Print Dashboard** lets you access print analytics on demand and compare actual use with your targets. Discover:

- Who is printing and to which devices
- What is printed and from which applications
- How printing behaviors compare to targets

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[1] HP Security is now HP Wolf Security. Security features vary by platform; please see product data sheet for details.

[2] HP Secure Print works with most network-connected printers and MFPs. On-device authentication requires HP FutureSmart firmware 4.8 or newer. Supported card readers include X3D03A (HP USB Universal Card Reader) and Y7C05A (HP HIP2 Keystroke Reader). Internet connection required. For more information, see hp.com/go/secureprint.

[3] HP Insights is a web-based application that requires Internet access. It is bundled with HP Secure Print and can also be purchased separately. For more information, see hp.com/go/secureprint.

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