HP A3 Managed MFPs and Printers

The smart, secure way to grow your business

keep reinventing

Meet the smartest, most secure way to print.[1]

Business demands more productivity in less time, all the time.

The workforce, in turn, expects more from their devices: smarter connectivity, greater versatility, proven reliability, and robust security. And printers are no exception; workers accustomed to a world of smart devices and one-touch connectivity won't—and can't—settle for yesterday's printing technology.

Today, excellent print quality is expected, and almost every printer is already fast enough. A productive workforce also needs printers that are more adaptable, more versatile, and more connected. These printers are not just individually secure, they serve as an effective line of defense against hackers and network intrusion. More than simply delivering output, they actively help make the work possible.

HP A3 Managed MFPs and Printers are leading the way.

- Smarter connectivity
- Greater versatility
- Proven reliability
- Robust security

World's most secure printing[1]

Recognizing the risks

If you read the news, you know it's bad: hackers have their eyes on businesses. The vulnerabilities used to be only at the server level; today, the most destructive exploits are attacking networks through endpoint devices. And it's not just PCs, tablets, and smartphones. Networked printers are some of the weakest points of a modern network—and hackers know it. They can intercept printing and imaging jobs over the network to/from the device, exploit device settings and functions from unsecured control panels, and access the device via unsecured USB or network ports.

The good news? HP knows it too, so we developed a new generation of A3 Managed MFPs and Printers equipped with embedded security features covering device, data, and document risks. These solutions change the equation—transforming networked printers from vulnerabilities to strongpoints. Print on.

The anticipation is building.

IT decision-makers anticipate and have experienced attacks on their printers, but only

18% of companies

monitor printers for threats.[2]

Nearly **7.9** billion

data records were exposed in 2017.[3]

Nearly **2** in **3** IT pros

expect security threats to increase over the next 3 years.[2]

We protect the device.

Security monitoring and management solutions help reduce risk, improve compliance, and protect your network from end to end.

- **HP Sure Start** validates the integrity of the BIOS code[4]
- **Whitelisting** ensures only authentic code is loaded into memory
- **Run-time intrusion detection** uncovers anomalies during complex operations
- **HP Connection Inspector** inspects outgoing network connections to stop suspicious requests like malware
- **HP JetAdvantage Security Manager** automatically assesses and remediates security settings[5]

We protect the data.

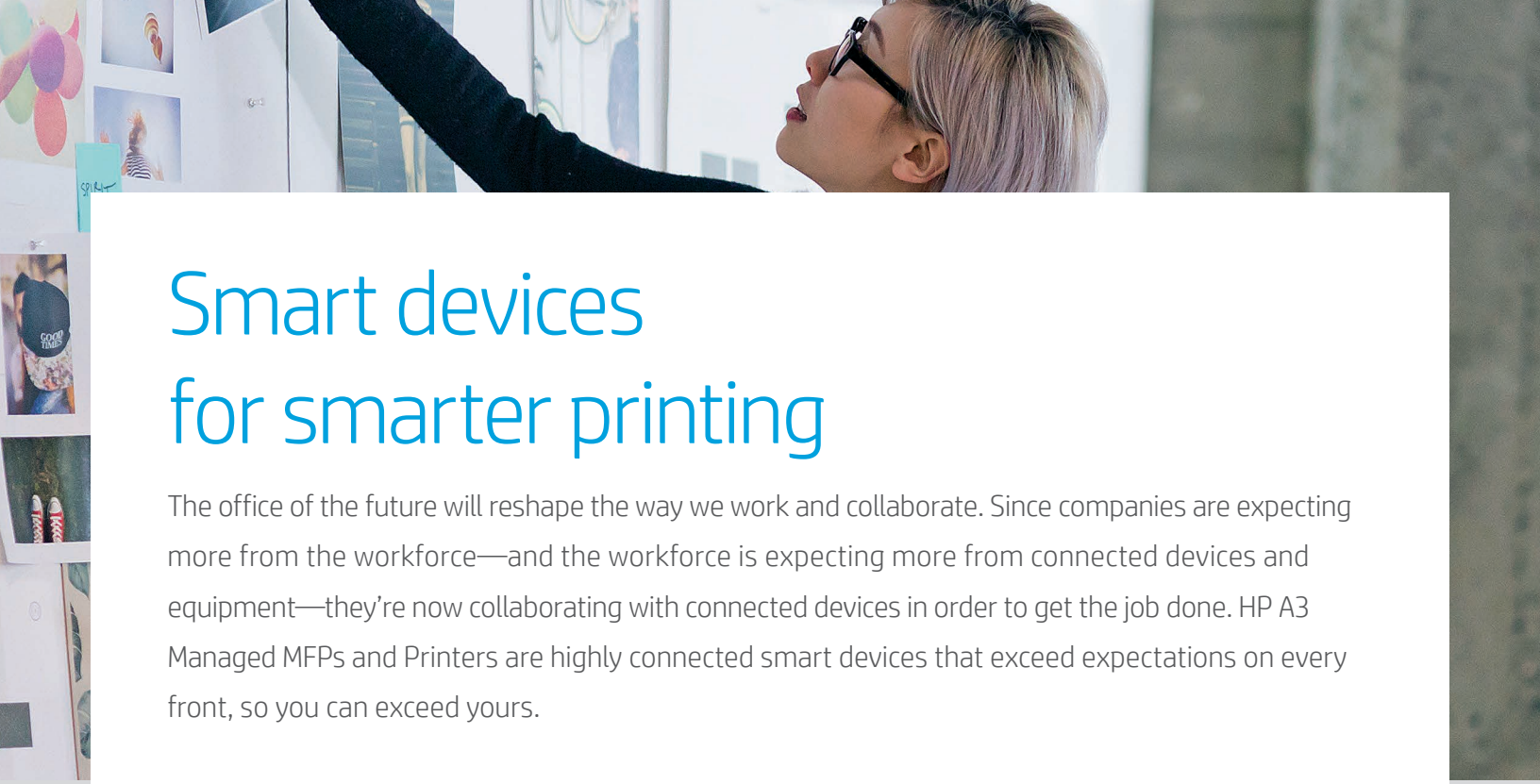
Built-in data encryption at rest and in transit, firewall protection, and native user authentication protect vulnerable endpoints from harmful hackers and malware.

- **Authentication** helps prevent unauthorized access
- **Encryption** through the driver makes intercepted data unreadable
- **Consistent monitoring** checks for attacks and initiates self-healing
- **HP Access Control** helps protect confidential information, enhance device security and management, and monitor printing practices

We protect the document.

Smart hardware and software solutions such as PIN or pull printing and counterfeit deterrent solutions prevent copying or modification to your document.

- **Workplace Privacy** maintains print security defenses
- **Compliance** secures document workflows
- **Anti-Counterfeit** prevents tampering or forgery
- **HP JetAdvantage Pull-Printing Solutions** eliminate unclaimed prints, thereby reducing cost and waste



Smart devices for smarter printing

The office of the future will reshape the way we work and collaborate. Since companies are expecting more from the workforce—and the workforce is expecting more from connected devices and equipment—they're now collaborating with connected devices in order to get the job done. HP A3 Managed MFPs and Printers are highly connected smart devices that exceed expectations on every front, so you can exceed yours.

Maximum productivity

Capture and produce content quickly, easily, and accurately with HP JetAdvantage Workflow Solutions. These solutions empower you with customized features for content creation, management, communication, and digitization:

- **Accelerate workflow**, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs super-fast—up to 240 ipm—and avoid extra steps with a Flow MFP designed for maximum productivity.[6]
- **HP Capture and Route** enables your team to control and track scanned content and distribute documents with the touch of a button to back-office applications, fax lines, and online destinations such as Microsoft® SharePoint®, as well as cloud-based repositories.
- **HP Embedded Capture** simplifies document digitization with preconfigured workflow templates.

Modern user experience

Your business won't stop changing; you need printers that can adapt to what's next. HP A3 Managed MFPs and Printers with **HP FutureSmart Firmware** and **HP Open Extensibility Platform** help you meet new challenges and set new goals:

- Experience a simple, modern, and "tablet-like" default screen and improved image preview.
- Ensure investment protection and update your entire fleet at once—both old and new devices.
- Create a unified environment for your devices so your software solutions, printers, and management tools can communicate and interact seamlessly.

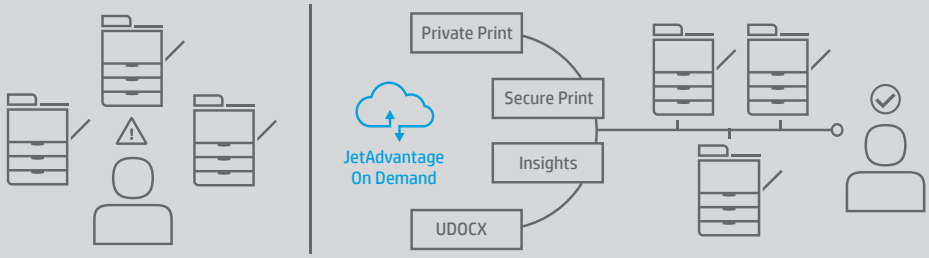
Extensive mobile printing

Print anytime, virtually anywhere.[7] With HP's wireless direct printing or NFC (near-field communication) touch-to-print, employees can print from their mobile devices without connecting to your network, using a secure peer-to-peer connection.

- **HP Roam for Business** offers secure, cloud-based native printing from virtually any mobile device or desktop. Automatic discovery identifies enabled HP printers in the office or at a growing network of public print locations.
- **PrinterOn Enterprise** makes managed enterprise mobile printing easy, reliable, and secure, with the choice of private cloud or on-premise printing. It supports virtually any submission from any device to any printer.

HP JetAdvantage On Demand

HP JetAdvantage On Demand is the industry's first software as a service (SaaS) portal, eliminating the need for onsite servers and software versions to manage. This innovative service allows for easy and cost-effective management of apps and user access to those apps.[8,9]



88% of companies are moving to the cloud to improve responsiveness to business needs.[10]

The influence on business

Between our broad portfolio, affordable color printing options, and minimized downtime, HP A3 Managed MFPs and Printers improve your day-to-day business functions, so you can focus on what you do best.

Extensive portfolio

Our portfolio is versatile, to say the least. According to a recent InfoTrends report, we offer up to 50% more office printing device categories than our leading competitors.[11] Grow your business with our next-generation A3 portfolio that offers more device choices, innovative technologies, industry-leading security features, and an overall improved user experience.

Affordable color

Color printing is within every business's budget with HP PageWide Technology. Print more pages and replace cartridges less often than standard cartridges by using optional Original HP high-yield cartridges.[12]

Maximum uptime

Forget about the printer—your work deserves the attention. Enjoy HP MFPs' intelligent design with fewer replacement parts, fewer moving parts,[13] and lower supply consumption. Field-replaceable components make devices simpler to service. Remote serviceability means less downtime, fewer headaches.

Meet the new fleet

The HP A3 Managed MFP and Printer lineup

16 new platforms.
Over 50 unique models.

From focused teams to global functions, the portfolio of HP A3 PageWide and LaserJet Managed MFPs and Printers delivers the innovative technology, dependable quality, and in-depth security your business demands.

HP A3 PageWide Managed MFPs and Printers

The PageWide difference

Affordable color
delivers game-changing low color cost per page

Unmatched speeds
increase productivity up to 50% faster than the competition[14]

Maximum uptime
designed with the fewest parts in its class for the least maintenance[13]

Environmental engineering
reduces energy consumption and affiliated costs[15]

Print speeds
from 60 ppm to 80 ppm[16]

Maximum input capacity of
up to 5,200 pages[17]

Recommended monthly page volume
of up to 75,000 pages

HP A3 LaserJet Managed color and monochrome MFPs and Printers

Leading laser performance

World's most secure printers[1]
with hardware and software solutions that protect the device, data, and document

Affordable operating costs
with long-life consumables and simple serviceability

Optional flow models
help you capture the right content quickly, easily, and accurately

Minimal interruptions
so you can count on reliable results day in and day out

Print speeds
from 22 ppm to 60 ppm[16]

Maximum input capacity of
up to 6,140 pages[17]

Recommended monthly page volume
up to 100,000 pages

Comprehensive paper-handling accessories

HP A3 Managed MFPs and Printers have a modular design with optional input and output accessories, allowing users to customize their devices to their business needs.[18]

1 x 550 A3 feeder

2000-sheet high-capacity input stand

HP LaserJet cabinet

3000-sheet side high-capacity input stand

2 x 2000 A4 stand

2 x 520 feeder

Booklet finisher with optional hole punch

Stapler/stacker with optional hole punch

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1. Based on HP review of 2017 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit: hp.com/go/PrintersThatProtect. For more information, visit: hp.com/go/printersecurityclaims. 2. Spiceworks survey of 309 IT decision-makers in North America, EMEA, and APAC, on behalf of HP, November 2016. 3. "2017 saw more than 5,200 breaches that exposed nearly 7.9 billion records." 2017 Year End Data Breach QuickView Report by Risk Based Security/Cyber Risk Analytics, January 2018. 4. Included on select Enterprise devices; not included on PageWide Pro devices. 5. Requires separate purchase for details, see hp.com/go/securitymanager. 6. Scan speed measured from ADF at default 300 dpi (black and white, grayscale, and color). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. 7. Local printing requires mobile device and printer to be on the same network or have a direct wireless connection. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Availability varies by country, language, and agreements, and may require a firmware upgrade. For details, see hpconnected.com. 8. Requires Internet access. Supported browsers include Microsoft® Internet Explorer® 9-11, Google Chrome™ 9 and newer, Mozilla Firefox 4 and newer, and Safari® 5 and newer. Compatible with select HP LaserJet, PageWide, OfficeJet Pro, and Digital Sender Flow devices that can connect to the Internet. Some apps support multi-vendor environments. May require a firmware upgrade. Learn more at hp.com/go/jetadvantageondemand. 9. Based on HP assessment of print manufacturers' SaaS offerings as of September 1, 2016, no other print manufacturer offers a single cloud portal for user and app management. 10. Source: Verizon customer survey: survey of Verizon's enterprise-level cloud customers, October 2015. 11. Based on InfoTrends August 2016 report: "HP Market Leadership by Product Segments." 12. High-yield cartridges are not included in printer purchase; purchase separately. Comparison is based on ISO 24711 cartridge yields for HP 990 series High Yield Original PageWide Cartridges compared with HP 990 series Original PageWide Cartridges. Learn more at hp.com/go/learnaboutsupplies. 13. Fewer service parts claim based on HP analysis of leading in-class A3 color laser printers and MFPs as of February 2018; calculations use publicly available and/or published manufacturer rated yields for long-life consumables and assume 600,000 pages printed (using a 60% black/40% color ratio). Learn more at hp.com/go/pagewideclaims. 14. Comparison of HP PageWide A3 devices with leading in-class color ink/laser MFPs ($3,000-$11,299 and €2,820-€11,199), and color ink/laser single-function printers ($1,500-$4,799 and €1,410-€4,599) as of February 2018; market share as reported by IDC as of Q3 2017, excluding other HP PageWide products. HP PageWide speeds based on General Office mode and exclude first page. Learn more at hp.com/go/printerspeeds. 15. Energy claim based on TEC data reported on energystar.gov as of February 2018. Data normalized to determine energy efficiency of in-class A3 color laser printers and MFPs with published speeds of 20 to 80 ppm, excluding other HP PageWide products. Subject to device settings. Actual results may vary. 16. Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. 17. Maximum input capacity may require purchase of additional optional input accessory. 18. Not all accessories are available for all platforms or models.

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