

Product guide

Unbeatable value. Unparalleled speed.



HP PageWide 352, 377, PageWide Pro 452 and 477 series



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Quality and performance you can count on

Balancing speed, quality, and printing cost once meant sacrificing one benefit for another. These HP printers with HP PageWide Technology deliver the ultimate combination of value and speed, with the quality businesses demand. Drive productivity with high-performance, professional-quality colour printing, best-in-class security features,¹ and energy efficiency²—for up to 20% lower total cost of ownership than most competitors (HP PageWide Pro devices only).³

Who can benefit?

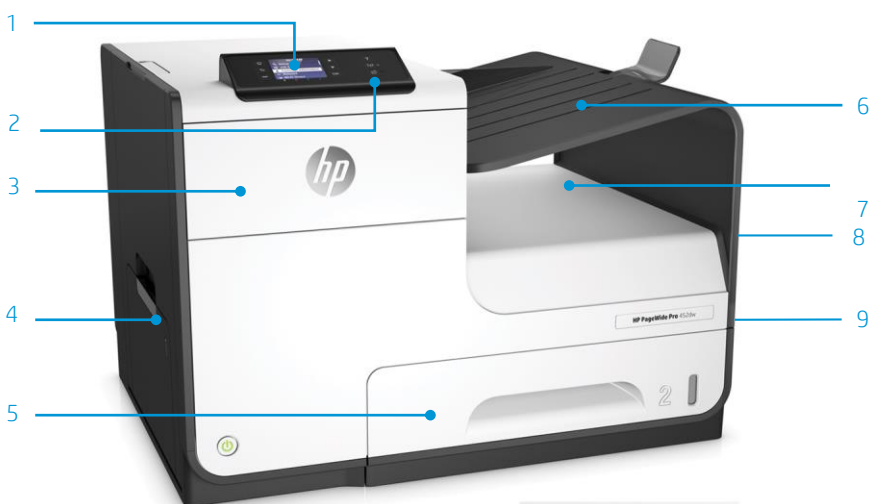
Professionals in small work teams of 3 to 10 users can share these efficient, reliable printers. HP PageWide Pro 452 and 477 series models are ideal for small to medium-size businesses that need to print up to 4,500 pages per month.⁴ HP PageWide 352 and 377 series support printing up to 3,000 pages per month.⁴ For businesses that need a multifunction printer, HP PageWide 377 and PageWide Pro 477 MFP series deliver fast single-pass, two-sided scanning, plus versatile print, copy, and fax features. All models offer convenient Wi-Fi Direct[®] printing⁵ and NFC touch-to-print capabilities.⁶



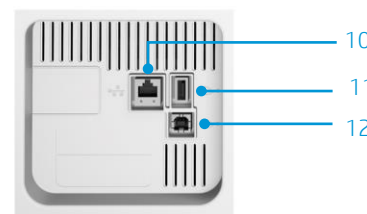
Product walk around: 452dw Printer

HP PageWide Pro 452dw Printer

- 1 5.08 cm mono graphic display
- 2 NFC touch-to-print⁶
- 3 Front door access to easy-to-replace print cartridges
- 4 50-sheet multipurpose tray 1 with long paper extension
- 5 500-sheet main input tray 2
- 6 300-sheet output bin
- 7 Paper/supplies storage area
- 8 Integrated wireless networking⁷
- 9 Built-in automatic two-sided printing
- 10 Ethernet network port, 10/100Base-TX
- 11 Hi-Speed USB 2.0 printing port
- 12 Hi-Speed USB 2.0 port (for connecting third-party devices)



Front view



Rear I/O panel close-up

Series at a glance



Model	352dw	452dw
Print speed in pages per minute (ppm), black and colour, A4	Up to 30 Professional mode ⁸ Up to 45 General Office (GO) mode	Up to 40 Professional mode ⁸ Up to 55 GO mode
Print cartridge options (maximum page yields)	Standard (A) cartridges (3,500 black/3,000 colour) ⁹	High-yield (X) cartridges (10,000 black/7,000 colour) ¹⁰
Control panel display	5.08 cm mono graphic display	5.08 cm mono graphic display
Print input capacity (standard/maximum)	550/1,050 ¹¹	550/1,050 ¹¹
Duty cycle (pages per month)¹²	Up to 40,000	Up to 50,000
Security and fleet management features	Security features	✓
Print Microsoft® Word and PowerPoint® files from USB¹³	Not available	Not available
Wi-Fi Direct⁵ and NFC touch-to-print capabilities⁶	✓	✓

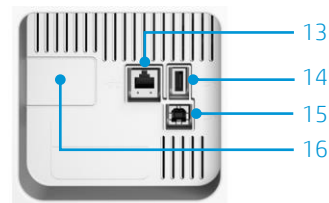
Product walk around: MFP 477dw

HP PageWide Pro MFP 477dw

- 1 50-sheet single-pass, two-sided automatic document feeder (ADF)
- 2 Intuitive 10.9 cm colour touchscreen with gesturing
- 3 Easy-access USB port
- 4 NFC touch-to-print⁶
- 5 Front door access to easy-to-replace print cartridges
- 6 50-sheet multipurpose tray 1 with long paper extension
- 7 500-sheet main input tray 2
- 8 Legal-size flatbed scanner
- 9 300-sheet output bin
- 10 Paper/supplies storage area
- 11 Integrated wireless networking⁷
- 12 Built-in automatic two-sided printing
- 13 Hi-Speed USB 2.0 port (for connecting third-party devices)
- 14 Hi-Speed USB 2.0 printing port
- 15 Ethernet network port, 10/100Base-TX
- 16 Fax connection ports



Front view



Rear I/O panel close-up

Series at a glance



Model	377dw	477dw
Functions	Print, scan, copy, fax	Print, scan, copy, fax
Print speed in ppm, black and colour, A4	Up to 30 Professional mode ⁸ Up to 45 G0 mode	Up to 40 Professional mode ⁸ Up to 55 G0 mode
Print cartridge options (maximum page yields)	Standard (A) cartridges (3,500 black/3,000 colour) ⁹	High-yield (X) cartridges (10,000 black/7,000 colour) ¹⁰
Control panel display	10.9 cm colour touchscreen	10.9 cm colour touchscreen
Print input capacity (standard/maximum)	550/1,550 ¹¹	550/1,550 ¹¹
Duty cycle (pages per month) ¹²	Up to 40,000	Up to 50,000
Security and fleet management features	Security features	✓
Print Microsoft Word and PowerPoint files from USB ¹³	Not available	✓
Wi-Fi Direct ⁵ and NFC touch-to-print ⁶	✓	✓

Product comparison: 452dw Printer

The following table compares the new HP PageWide Pro 452dw Printer with the HP Officejet Pro X451dw Printer.



HP PageWide Pro 452dw Printer	HP Officejet Pro X451dw Printer	Benefits
Print speed up to 40 ppm, Professional mode, ⁸ up to 55 ppm, GO mode (black and colour, A4)	Up to 36 ppm, Professional mode, ⁸ up to 55 ppm, GO mode (black and colour, A4)	Save time with 11% faster output (Professional mode)
First page out (FPO) as fast as 6.5 seconds from ready ¹⁴	FPO as fast as 9.5 seconds from ready ¹⁴	Up to 31% faster FPO from ready
High-yield cartridge option: up to 10,000 black pages, up to 7,000 colour ¹⁰	High-yield cartridge option: up to 9,200 black pages, up to 6,600 colour ¹⁵	Up to 9% more black pages, up to 6% more colour pages
Wi-Fi Direct ⁵ and NFC touch-to-print ⁶	Not available	Enhance efficiency with convenient printing from smartphones and tablets
HP Web Jetadmin with support for over 50 new configuration capabilities, ¹⁶ enhanced HP Embedded Web Server, and more	HP Web Jetadmin, ¹⁶ HP Embedded Web Server, HP Driver Configuration Utility, HP Driver Deployment Utility, HP Utility (Mac)	Save time with simplified IT install and easily manage devices and settings with best-in-class fleet management features ¹
Embedded security features, including secure boot, secure firmware integrity, runtime code integrity, optional HP JetAdvantage Security Manager, ¹⁷ and more	Essential security features	Help keep your printer secure from boot up to shut down, and protect sensitive information with best-in-class security features ¹

Product comparison: MFP 477dw

The following table compares the new HP PageWide Pro MFP 477dw with the HP Officejet Pro X476dw MFP.



HP PageWide Pro MFP 477dw	HP Officejet Pro X476dw MFP	Benefits
Print speed up to 40 ppm, Professional mode, ⁸ up to 55 ppm, GO mode (black and colour, A4)	Up to 36 ppm, Professional mode, ⁸ up to 55 ppm, GO mode (black and colour, A4)	Save time with 11% faster output (Professional mode)
Single-pass, two-sided ADF scanning; up to 25 images per minute (ipm), black and colour, simplex, up to 26 ipm, black and colour, duplex ¹⁸	Mechanically reversing ADF, two-sided scanning; up to 20/15 ipm, black and colour, simplex ¹⁸	Up to three times faster duplex scanning
FPO as fast as 6.5 seconds from ready ¹⁴	FPO as fast as 9.5 seconds from ready ¹⁴	Up to 31% faster FPO from ready
High-yield cartridge option: up to 10,000 black pages, up to 7,000 colour ¹⁰	High-yield cartridge option: up to 9,200 black pages, up to 6,600 colour ¹⁵	Up to 9% more black pages, up to 6% more colour pages
Print PDF, Microsoft Word and PowerPoint documents from a USB drive ¹³	Print PDF and JPEG files from USB	Conveniently print the files businesses work with every day from USB
Wi-Fi Direct ⁵ and NFC touch-to-print ⁶	Not available	Enhance efficiency with convenient printing from smartphones and tablets
HP Web Jetadmin with support for over 50 new configuration capabilities, ¹⁶ enhanced HP Embedded Web Server, and more	HP Web Jetadmin, ¹⁶ HP Embedded Web Server, HP Driver Configuration Utility, HP Driver Deployment Utility, HP Utility (Mac)	Save time with simplified IT install and easily manage devices and settings with best-in-class fleet management features ¹
Embedded security features, including secure boot, secure firmware integrity, runtime code integrity, optional HP JetAdvantage Security Manager, ¹⁷ and more	Essential security features	Help keep your printer secure from boot up to shut down, and protect sensitive information with best-in-class security features ¹
HP Open Extensibility Platform (OXP) solutions with job accounting	HP OXP extensibility solutions without job accounting	Easily extend device capabilities with HP and third-party partner solutions
10.9 cm colour touchscreen with gesturing, control panel shortcuts, and advanced workflow/preview features	10.9 cm colour touchscreen with gesturing	Save time with streamlined workflow/preview features

Key benefits at a glance

Empower workgroups with impressively fast print speeds, professional-quality colour, and streamlined workflow features. Efficient, reliable HP PageWide Technology minimises downtime. Help protect devices and data with best-in-class security and fleet management features (HP PageWide Pro devices only).¹



Outstanding value, the results you expect

- Print professional-quality colour documents for up to 20% lower total cost of ownership than most competitors (HP PageWide Pro devices only).³
- Rely on Original HP PageWide cartridges to deliver durable prints that last.
- Print more pages, with fewer interruptions using optional Original HP PageWide high-yield cartridges (HP PageWide Pro devices only).¹⁰
- Spend less time and budget on maintenance with streamlined HP PageWide Technology.



Keep productivity on track

- Save time with best-in-class print speeds¹⁹—up to 55 ppm in colour and black-and-white (452 and 477 series). Grab pages and go with the fastest first page printing in its class.²⁰
- Get fast, two-sided scanning with an MFP that captures both sides of the page at once (MFP 377 and 477 series).
- Manage print jobs directly at the printer—just tap and swipe the intuitive colour touchscreen (MFP 377 and 477 series).
- Print directly from your mobile device to your Wi-Fi Direct printer, without accessing the company network,⁵ and empower work teams to print with just a touch of their NFC-enabled mobile device to the printer—no network needed.⁶
- Print Microsoft Word and PowerPoint documents directly from a USB drive (MFP 477dw).¹³
- Meet high-volume printing demands with a paper capacity of up to 1,550 sheets.¹¹



Proven, efficient technology

- Get fast, high-impact business printing using a printer that leverages the proven, advanced technology developed for HP's multimillion-dollar Web Press digital printers.
- Minimise interruptions and downtime with HP PageWide Technology that delivers the reliable performance businesses demand.
- Keep productivity up and energy use down with an efficient printer or MFP designed to use less energy than any printer/MFP in its class.²



Engineered for security and fleet management

- Help keep your printer secure, from boot up to shut down, with embedded security features.
- Easily manage devices and settings using HP Web Jetadmin with a suite of management features (HP PageWide Pro devices only).¹⁶

Outstanding value, the results you expect



Count on exceptional value and the results businesses need. Print professional-quality colour documents for up to 20% lower total cost of ownership than most competitors (HP PageWide Pro devices only).³



Unbeatable, lasting value

Showcase your business with professional colour printing and keep your budget in check. Produce high-impact colour documents with an efficient, reliable device that delivers up to 20% lower total cost of ownership than most competitors (HP PageWide Pro devices only).³



Affordable, high-volume printing

Print longer with less interruptions. Choose optional Original HP PageWide high-yield cartridges for HP PageWide Pro 452 and 477 series, and print up to 10,000 black pages and 7,000 colour pages before replacing cartridges.¹⁰



Professional-quality colour and black text

Produce vibrant, high-quality colour and sharp, black text that's perfect for office use. Reliably print reports, memos, emails, and other business documents on a variety of papers.



Spend less on maintenance

Minimise the time and budget spent on scheduled printer maintenance. Streamlined HP PageWide Technology requires fewer replaceable parts than most laser printers.²³



Optimise with ColorLok® papers

Improve the quality of printed documents by choosing papers with ColorLok Technology. Colours are brighter, for rich, vivid images and graphics. Blacks are bolder to improve contrast and sharpen text.²¹



Produce durable prints that last

Rely on Original HP PageWide cartridges to deliver durable documents that are water-, smear-, and fade-resistant, and stand up to highlighters.²²

Keep productivity on track



Let large print jobs handle themselves

Flexible paper input options let you print in high volumes without having to stop and add paper. Print up to 1,550 sheets with an optional 500-sheet paper input tray.¹¹



Unmatched print speeds

Spend less time waiting and accomplish more. HP PageWide Technology delivers best-in-class print speeds—up to 55 ppm—for both colour and black-and-white (452 and 477 series).¹⁹ And with the fastest first page printing in its class, your pages are ready right when you need them.²⁰ Simply grab your documents and go.



Fast single pass, two-sided scanning

Efficiently scan stacks of paper files with quick, two-sided scanning that captures both sides of the page at once (MFP 377 and 477 series).

Scan documents directly to email, USB, network folders, and the cloud (MFP 377 and 477 series).²⁵



Print from mobile devices—no network needed

Print directly from your smartphone, tablet, or notebook PC to these Wi-Fi Direct-enabled printers and MFPs—without accessing the company network.⁵ Or, walk up and print with a just touch of your NFC-enabled mobile device.⁶ There's no need to search through a long list of printers or connect to your corporate network.



Print Microsoft files from a USB drive

Easily print PDF, Microsoft Word and PowerPoint documents, plus JPEG files directly from your USB drive (MFP 477dw).¹³ Print PDF and JPEG files from a USB drive with the HP PageWide MFP 377dw.



Manage tasks from the intuitive colour touchscreen

Easily manage print jobs directly at the printer. Tap and swipe the intuitive 10.9 cm colour touchscreen for a more streamlined workflow (MFP 377 and 477 series). The adjustable tilt angle of the control panel provides convenient accessibility to all users.



Scan, copy, and fax while printing

Use multiple functions at once without interrupting someone else's task (MFP 377 and 477 series). The capability to scan, copy, or fax while another person is printing, keeps work moving simultaneously.



Print from a variety of mobile devices

Easily print documents, emails, PDFs, and more from iPhones and iPads as well as smartphones and tablets running Android™ version 4.4 or later, Windows® 8/10, or Google Chrome™ operating systems—generally no setup or apps required.²⁴

Proven, efficient technology



Minimise interruptions and downtime with efficient, reliable performance. Conserve resources and use significantly less energy than laser printers,² with HP PageWide Technology designed for today's busy office.



Proven, reliable technology

Avoid snags in your workflow with technology designed to provide efficient, proven results—for reliable performance businesses demand.

HP PageWide Technology leverages the advanced technology developed for HP's multimillion-dollar Web Press digital printers and delivers it in a new class of desktop printing devices—reinventing affordable, high-performance business printing.

HP printers with HP PageWide Technology offer exceptional value—outperforming in-class laser devices in speed.¹⁹ They require less maintenance and fewer replaceable parts than most in-class laser printers,²³ for across-the-board savings, and reduced disruption and delays.

These HP business printers are designed and built to be robust. HP PageWide Pro 452 and 477 series have a recommended monthly page volume of up to 4,500 pages⁴ and a paper input capacity of up to 1,550 sheets.¹¹



Less energy use than lasers²

Keep productivity up and energy use down. These efficient HP printers and MFPs are designed to use significantly less energy than any other in-class printer or MFP.²



Cartridges designed for your printer

Get professional-quality pages and the performance you expect. Only Original HP PageWide cartridges are specially designed and precisely engineered for HP printers and MFPs—for fast, reliable results.

Original HP PageWide pigment cartridges deliver water-, smear-, and fade-resistant documents for archival durability you can count on.²²

Engineered for security and fleet management



Help protect your fleet, data, and documents with best-in-class security and management features (HP PageWide Pro devices only).¹ Easily integrate these HP PageWide Pro devices into your network, help secure important information, and get the tools you need to work efficiently and confidently.¹



Help secure data with PIN printing

Help ensure important documents and confidential information stay secure. Enter a PIN at the device for authentication and retrieve your print job (MFP 477 series only).



Achieve a high level of privacy and control

Help increase privacy and maintain control. HP JetAdvantage Private Print²⁷ helps prevent unauthorised access to confidential print jobs stored in the cloud. Users have the flexibility to pick up jobs at any compatible device with secure authentication (MFP 477 series only).



Assign colour use and help control costs

Regulate colour use and reduce printing costs. With HP Color Access Control, you can authorise permission to only specific users who need it (MFP 477 series only).²⁶



Help safeguard your fleet

Help secure your fleet with the solution Buyers Laboratory (BLI) calls trailblazing.²⁸ Optional HP JetAdvantage Security Manager offers an effective, policy-based approach to helping secure HP printing and imaging devices (452 and 477 series only).



Embedded security for greater protection

Help keep your printer secure from boot up to shut down. Embedded security features like secure boot, secure firmware, and runtime code integrity validation guard against complex threats to your network (352, 377, 452, and 477 series).



Customise solutions with top-flight flexibility

Extend the capabilities of your printing environment, using a rich array of easy-to-integrate HP JetAdvantage and third-party partner solutions, including job accounting (MFP 477 series only).



Manage business printing with ease

Gain comprehensive control of information while providing employees with the access they need to get the job done. Easily manage devices and settings using HP Web Jetadmin with a suite of management features (452 and 477 series only).¹⁶

Notes

¹ Best-in-class security fleet management claim based on comparison of built-in features of all colour business printers €300-€800 and MFPs €400-€1,000 as of November 2015, excluding products with 1% or lower market share using market share as reported by IDC as of Q3 2015. Learn more at hp.com/go/printersecurityclaims.

² Energy claim based on TEC data reported on energystar.gov. Data normalised to determine energy efficiency of majority of in-class business printers €300-€600, €300-€800, MFPs €400-€800, and MFPs €400-€1,000 as of November 2015; market share as reported by IDC as of Q3 2015. Subject to device settings. Learn more at hp.com/go/pagewideclaims.

³ Total cost of ownership comparison based on 90,000 pages, manufacturers' published specifications for page yields and energy use, manufacturers' suggested retail prices for hardware and supplies, average street prices for competitive devices, cost per page based on ISO yield with continuous printing in default mode with highest-available-capacity cartridges, long-life consumables of all colour business printers €300-€800 and MFPs €400-€1,000 as of November 2015, excluding products with 1% or lower market share using market share as reported by IDC as of Q3 2015. Actual prices may vary. Learn more at hp.com/go/pagewideclaims and hp.com/go/learnaboutsplies.

⁴ HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

⁵ Mobile device needs to be connected directly to the signal of a Wi-Fi Direct-supported MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see hp.com/go/mobileprinting. Wi-Fi Direct is a registered trademark of the Wi-Fi Alliance®.

⁶ Requires a compatible NFC-printing-enabled mobile device. For a list of compatible NFC-printing-enabled mobile devices, see hp.com/go/nfcprinting.

⁷ Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections.

⁸ ISO speeds measured using ISO/IEC 24734. Excludes first page or first set of ISO test pages. For details see hp.com/go/printerclaims.

⁹ Average yield based on ISO/IEC 24711 or HP testing methodology and continuous printing. Actual yield varies considerably based on content of printed pages and other factors. For details see hp.com/go/learnaboutsplies.

¹⁰ HP 973X High Yield Original PageWide Cartridges are not included in printer purchase; purchase separately. Comparison based on ISO 24711 cartridge yields for HP 973 series High Yield Original PageWide Cartridges compared with HP 913 series Original PageWide Cartridges. High-yield cartridges are compatible only with HP PageWide Pro 400 and 500 series MFPs and printers. Learn more at hp.com/go/learnaboutsplies.

¹¹ Printing up to 1,550 sheets with optional 500-sheet input tray, not included; please purchase separately. Optional paper trays and stand are supported on the HP PageWide MFP 377dw and the HP PageWide Pro MFP 477dw models only.

¹² Duty cycle is defined as the maximum number of pages per month of imaged output.

¹³ Feature is only available on the HP PageWide Pro 477dw and only works with Microsoft® Word and PowerPoint® 2003 and later. Only Latin language fonts are supported.

¹⁴ Measured using ISO/IEC 17629. Exact speed for first page out varies depending on the system configuration, software application, driver, and document complexity. Learn more at hp.com/go/printerclaims.

¹⁵ Average colour composite (C/M/Y) and black declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see hp.com/go/learnaboutsplies.

¹⁶ HP Web Jetadmin is available for download at hp.com/go/webjetadmin.

¹⁷ Requires separate purchase. For details, see hp.com/go/securitymanager.

¹⁸ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

¹⁹ Comparison based on manufacturers' published specifications of fastest available colour mode of all colour business printers €300-€600, €300-€800, MFPs €400-€800, and MFPs €400-€1,000 as of November 2015, excluding products with 1% or lower market share using market share as reported by IDC as of Q3 2015. Learn more at hp.com/go/printerspeeds.

²⁰ Comparison based on manufacturers' published specifications of first page out from ready and sleep mode of all colour business printers €300-€600, €300-€800, MFPs €400-€800, and MFPs €400-€1,000 as of November 2015, excluding other HP PageWide products, and products with 1% or lower market share using market share as reported by IDC as of Q3 2015. Subject to device settings. Actual results may vary. Learn more at hp.com/go/printerspeeds.

²¹ Based on internal HP testing of Original HP PageWide cartridges on ColorLok® papers.

²² Water, smear, fade, and highlighter resistance based on ISO 11798 testing. For details, see hp.com/go/printpermanence.

²³ Less scheduled maintenance based on 150,000 pages printed, and published comparisons of majority of in-class colour laser printers €300-€600, €300-€800, MFPs €400-€800, and MFPs €400-€1,000 as of November 2015; market share as reported by IDC as of Q3 2015. Learn more at hp.com/go/pagewideclaims.

²⁴ Wireless operations are compatible with 2.4 GHz operations only. App or software and HP ePrint account registration may also be required. Some features require purchase of an optional accessory. Learn more at hp.com/go/mobileprinting.

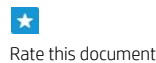
²⁵ Scan-to functions are available for MFP models only. Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see hpconnected.com.

²⁶ HP Color Access Control is available only on HP PageWide Pro devices with a 10.9 cm touchscreen. Learn more at hp.com/go/pagewidebusiness.

²⁷ HP JetAdvantage Private Print is available at no charge and requires that the printer be connected to the Internet with web services enabled. Not available in all countries. For more information, see hpjetadvantage.com.

²⁸ Based on HP internal research on competitor offerings (Device Security Comparison January 2015), and Solutions Report on HP JetAdvantage Security Manager 2.1 from Buyers Laboratory LLC, February 2015. Requires separate purchase. For details, see hp.com/go/securitymanager.

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