

Family Guide

HP ScanJet portfolio



Select the right one for your business



October 2016



Transform paper into digital workflows

Today's business landscape is increasingly flooded with data. To stay afloat, businesses must have the agility to process and react to new information quickly. It's no wonder then, that successful businesses are turning to document capture solutions to transform piles of paper into streamlined digital workflows.

Document capture is the process of creating a digital version of a paper document for integration into your business workflow. As the first step in creating your document capture strategy, this document will help you choose the HP scanner that's right for you. By considering your workflow from a few different perspectives, we'll make it easy to see which scanner or scanners are a good fit for your business.

Why HP

Renowned for their reliability and performance, HP ScanJets provide the best mix of ease-of-use and sophisticated features to help you get the job done. HP offers a broad portfolio of scanning devices, including PC-connected flatbed and sheet-feed scanners for individual users, and networked scanners that can be shared among multiple users.

You can rely on HP for innovations like HP EveryPage,¹ which uses a number of technologies, including ultrasonic multi-feed detection, to help ensure that every sheet in the automatic document feeder (ADF) is scanned. Plus, select HP ScanJets for business can be remotely managed and configured with HP Web Jetadmin² fleet management software, which can ease the deployment of company-wide document management systems.

In the following pages, we'll walk you through a few aspects of your workflow, describe corresponding scanner features that will enable your workflow, provide details on the full portfolio of HP scanners, and finally see an example of how a business found the scanner to meet its needs.

How to choose

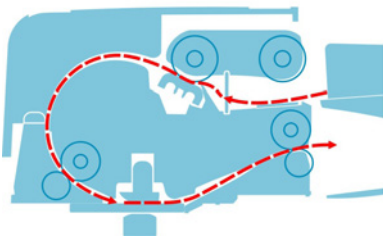
Choosing the right scanner for your business starts by asking four questions about your scanning workflow:

1. Do you need to share the scanner? (Choose between PC-connected and networked devices.)
2. What will you scan? (Choose a flatbed or sheet-feed device.)
3. How many pages will you scan? (Choose the device that can handle your daily workload.)
4. How will you manage your documents? (Choose document capture, workflow, and scanner management features.)

Because each of these questions corresponds to specific scanner capabilities, your answers can lead you to the scanner that's the best fit for your business. Pages 5 and 6 feature the portfolio of HP ScanJets for business. Scanner features are detailed in a table format, with columns grouped according to the questions listed below.

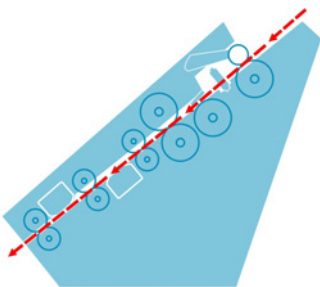
Two ADF designs

HP uses a C-path design for flatbed scanners and a straight path for sheet-feed scanners.



Cross section of a flatbed ADF with C-path design

The C-path handles a variety of media types and is designed to integrate with the flatbed scanner for an overall compact device.



Cross section of a sheet-feed ADF with straight-path design

The straight path handles a variety of media types and allows scanning of plastic-coated and heavier materials because the scanned material can remain flat.

Do you need to share the scanner?

Choose between PC-connected and networked devices

Deciding between a PC-connected or a networked digital sender or scanner depends on how many people will use the device. PC-connected scanners are appropriate for individuals who regularly scan a number of documents that must be verified on their PCs. HP ScanJet PC-connected scanners connect to a computer using a Hi-Speed USB interface. Networked devices should be deployed in environments where multiple users need access to a scanning device. These devices use an Ethernet interface to connect to the network.

What will you scan?

Choose a flatbed or sheet-feed device

The kinds of materials you scan can determine whether you need a flatbed or a sheet-feed scanner. Flatbed scanners feature a flat glass scanning area that allows you to scan items that cannot be processed by the ADF. Businesses may want to choose a flatbed scanner if they frequently scan books, journals, or other bound materials; bulky or very delicate items; or photos or other material that must be scanned at resolutions greater than 600 dots per inch (dpi).

Most business documents, however, and even material like ID and business cards, can be easily and reliably handled by HP sheet-feed scanners. Featuring a straight-through media path, HP sheet-feed scanners can handle more media types—including plastic-coated and heavier materials—through the ADF than flatbed scanners (see image at left), and also have a smaller footprint than flatbed scanners.

Choose paper size handling

While most offices primarily scan documents in A4 (210 x 297 mm), letter (8.5 x 11 in), or legal (8.5 x 14 in) sizes, some businesses need the ability to scan wide-format A3 (297 x 420 mm) or tabloid (11 x 17 in) documents. Select scanners are capable of handling media up to 3099 mm (122 inches) in length. HP flatbed and sheet-feed scanners offer a variety of media-handling capabilities to meet the needs of every office.

How many pages will you scan?

Choose the device that can handle your daily workload

The number of pages a scanner is designed to process during one day is expressed as the daily duty cycle. You can estimate the number of pages you plan to scan each day and then choose a scanner with a recommended duty cycle that meets or exceeds your estimate.

HP ScanJets offer a range of ADF input capacity, which is the number of pages you can load into the ADF's input tray. A higher ADF input capacity means that users can load larger jobs and limit interactions with the device.

Choose a scanning speed

You may also want to consider scanning speeds, which typically increase as recommended duty cycles increase, and can save time for the business and your employees. Based on standard A4/letter-sized pages, scanner speed is measured in both pages per minute (ppm), which is how many pages can feed through the ADF in one minute, and images per minute (ipm), which is how many images the scanner can process in one minute. The ipm rating can be up to twice the ppm rating, as all HP ScanJet for business flatbed and sheet-feed scanners capture both sides of a two-sided document in one pass through the ADF.

Scanning speeds are listed for both colour and black-and-white scans at a resolution of up to 300 dpi.

Select HP ScanJets for business include HP EveryPage¹ technologies that help you confidently feed and capture scans—including mixed stacks of various media weights and sizes—at high speeds. HP EveryPage¹ technologies minimise document wear and tear while helping to ensure that pages process without interruption.

How will you manage your documents?

Choose document capture features

The needs of each business can differ. Some businesses frequently need to capture high levels of detail for items like photographs and should look to flatbed scanners with scanning resolution capabilities of no less than 1200 dpi.

All HP ScanJets for business meet the minimum document capture needs of businesses with simple workflows, in which, for example, documents are scanned into storage as PDFs. Standard features include optical character recognition (OCR), which converts a document image into digitised text.

The HP ScanJet Pro 2000 s1, 3000 s3, 2500 f1, 3500 f1, and 4500 fn1 scanners come with HP Scan software, which lets you monitor the progress of your scans and preview them before saving. Easily make a variety of adjustments to get the results you want, including reordering, adding, or deleting pages; rotating 90 degrees left or right; and changing exposure, file type, and destination. Blank pages can be automatically removed. Use convenient, built-in scan shortcuts or customise settings for the jobs you use most often.

Businesses with more advanced workflows, or specific needs like Kofax Virtual ReScan (VRS) Pro integration, should look to scanners with advanced workflow features. Select HP ScanJets feature HP Smart Document Scan Software (SDSS), a fast, easy-to-use capture and routing application that lets you enhance, manipulate, send, store, and print scanned documents.

HP SDSS lets you automatically perform complex tasks—such as blank page removal, barcode recognition, batch scanning, image cleanup, and even sending to multiple destinations, including network and Microsoft® SharePoint® locations—all at the touch of a button. The HP Digital Sender Flow 8500 fn1 Document Capture Workstation includes similar capabilities embedded in the device.

Choose workflow integration features

Most HP ScanJets include ISIS, WIA, and TWAIN drivers that allow integration with third-party document management capture software.

Choose scanner management features

HP Web Jetadmin² fleet management software helps busy IT staff to configure, monitor, and troubleshoot imaging and printing devices from any network-connected PC using standard web browsers. Select HP ScanJets can be monitored with HP Web Jetadmin.² The HP Digital Sender Flow 8500 fn1 has full Web Jetadmin support—easily create scanning profiles, troubleshoot problems, and update firmware.

Flatbed

HP flatbed scanners provide the flexibility to scan documents with the automatic document feeder, as well as photos, books, and bulky items using the flatbed scanner.



Pro 2500 f1



Pro 3500 f1



Enterprise Flow
7500



Enterprise Flow
N9120



Pro 4500 fn1



Digital Sender Flow
8500 fn1

		PC-connected				Built-in networking and PC-connected	Built-in networking
<i>Do you need to share the scanner?</i>							
<i>What will you scan?</i>							
Media handling	Flatbed: ID cards, bound and bulky material	Flatbed: ID cards, bound and bulky material	Flatbed: ID cards, bound and bulky material	Flatbed: ID cards, bound and bulky material	Flatbed: ID cards, bound and bulky material	Flatbed: ID cards, bound and bulky material	
Max paper size	ADF: 216 x 3099 mm (8.5 x 122 in)	ADF: 216 x 3099 mm (8.5 x 122 in)	ADF: 216 x 864 mm (8.5 x 34 in)	ADF: 300 x 864 mm (11.8 x 34 in)	ADF: 216 x 3099 mm (8.5 x 122 in)	ADF: 216 x 864 mm (8.5 x 34 in)	
	Flatbed: 216 x 297 mm (8.5 x 11.7 in)	Flatbed: 216 x 297 mm (8.5 x 11.7 in)	Flatbed: 216 x 356 mm (8.5 x 14 in)	Flatbed: 297 x 432 mm (11.7 x 17 in)	Flatbed: 216 x 356 mm (8.5 x 14 in)	Flatbed: 216 x 356 mm (8.5 x 14 in)	
<i>How many pages?</i>							
Recommended daily duty cycle	1,500 sheets	3,000 sheets	3,000 sheets	5,000 sheets	4,000 sheets	5,000 sheets	
ADF capacity	50 sheets	50 sheets	100 sheets	200 sheets	50 sheets	100 sheets	
Scan speed ³	Up to 20 ppm Up to 40 ipm	Up to 25 ppm Up to 50 ipm	Up to 50 ppm Up to 100 ipm	Up to 50 ppm Up to 100 ipm	Up to 30 ppm Up to 60 ipm	Up to 60 ppm Up to 120 ipm	
HP EveryPage ¹	No	Yes	Yes	Yes	Yes	Yes	
<i>How will you manage your documents?</i>							
Max scan resolution	ADF: up to 600 dpi Flatbed: up to 1200 dpi	ADF: up to 600 dpi Flatbed: up to 1200 dpi	Up to 600 dpi	Up to 600 dpi	ADF: up to 600 dpi Flatbed: up to 1200 dpi	Up to 600 dpi	
Workflow support	Simple: HP Scan software	Simple: HP Scan software	Advanced: HP SDSS, Kofax VRS Pro	Advanced: HP SDSS, Kofax VRS Pro	Advanced: HP Scan software, Kofax VRS Pro	Advanced: embedded	
Drivers	WIA and TWAIN	WIA and TWAIN	ISIS and TWAIN	ISIS and TWAIN	ISIS, WIA, and TWAIN	N/A	
HP Web Jetadmin ²	No	No	Monitor	Monitor	No	Monitor and configure	

Sheet-feed

HP sheet-feed scanners have a small footprint to save valuable office space and handle a variety of media types.



Pro 2000 s1



Pro 3000 s3



Enterprise Flow
5000 s4



Enterprise Flow
7000 s3

<i>Do you need to share the scanner?</i>		PC-connected				Wi-Fi Direct® with optional HP ScanJet Wireless Adapter 100 ⁴ and PC-connected			
<i>What will you scan?</i>									
Media handling	Heavy paper, ID cards, plastic-coated material	Heavy paper, ID cards, plastic-coated material	Heavy paper, ID cards, plastic-coated material	Heavy paper, ID cards, plastic-coated material	Heavy paper, ID cards, plastic-coated material				
Max paper size	(216 x 8636 mm) 8.4 x 34 in	(216 x 3099 mm) 8.5 x 122 in	(216 x 3099 mm) 8.5 x 122 in	(216 x 3099 mm) 8.5 x 122 in	(216 x 3099 mm) 8.5 x 122 in				
<i>How many pages?</i>									
Recommended daily duty cycle	2,000 sheets	3,500 sheets	6,000 sheets	7,500 sheets					
ADF capacity	50 sheets	50 sheets	80 sheets	80 sheets					
Scan speed ³	Up to 24 ppm Up to 48 ipm	Up to 35 ppm Up to 70 ipm	Up to 50 ppm Up to 100 ipm	Up to 75 ppm Up to 150 ipm					
HP EveryPage ¹	No	Yes	Yes	Yes					
<i>How will you manage your documents?</i>									
Max scan resolution	Up to 600 dpi	Up to 600 dpi	Up to 600 dpi	Up to 600 dpi					
Workflow support	Simple	Simple	Advanced: HP SDSS	Advanced: HP SDSS Kofax VRS Pro					
Drivers	TWAIN, ISIS, and WIA	TWAIN, ISIS, and WIA	TWAIN, ISIS, and WIA	TWAIN, ISIS, and WIA					
HP Web Jetadmin ²	No	No	Yes (remote discovery and monitoring)	Yes (remote discovery and monitoring)					



KeyPoint Government Solutions success story

Company profile and background

KeyPoint Government Solutions is a leading provider of investigation and risk mitigation services for the public and private sectors, including the Department of Homeland Security (DHS). A team of four employees together scans up to 4,000 pages per day for DHS. The documents must be carefully handled, but thoroughly and quickly processed.

KeyPoint was not satisfied with their previous scanners, which needed to be cleaned at least daily, and they found the onsite service frequently ineffective and overly time-consuming.

Why they chose an HP PC-connected flatbed scanner

KeyPoint habitually scans a variety of irregular, damaged, and delicate materials, so they needed the flexibility of a flatbed scanner. Because they do not need to share the scans as part of a workflow, they chose a PC-connected device. Ultimately, they chose to buy four HP Scanjet Enterprise 7500 Flatbed Scanners,⁵ each with a recommended duty cycle of up to 3,000 sheets per day.

In terms of workflow, the DHS team especially appreciates the OCR capabilities, which enable them to scan an array of documents—from notes on envelopes to county courthouse records—as searchable PDFs. The team relies on the scanner's multi-feed detection capability to ensure pages are processed carefully and that no pages are missed, and the auto-rotate and auto-orient features save time.

“The reliability of the HP Scanjet document scanner is remarkable, which lends to streamlined efficiency and uninterrupted productivity for our staff.”

—Russell P. McAbee, Deputy programme director at KeyPoint

Count on HP

You now have the information you need to get the most out of your document capture investment. By taking a close look at the type of material you need to scan, the number of documents you will scan per day, your specific document capture needs, and whether or not you need network connectivity, you can easily pinpoint the scanner that's right for your business.

Whatever scanner you choose, you can count on HP to deliver a reliable performer with a rich feature set that is easy to use.

Learn more at
hp.com/go/scanners

Notes

¹ HP EveryPage is referred to as HP Precision Feed on ScanJet devices introduced before 2013.

² HP Web Jetadmin is available for download at no additional charge at hp.com/go/webjetadmin. Support for the HP ScanJet Enterprise Flow 5000 s4 and HP ScanJet Enterprise Flow 7000 s3 will be available mid-November, 2016.

³ Scan speeds measured at up to 300 dpi (black-and-white, colour, and greyscale) using A4 sized paper in portrait mode.

⁴ Scanning from a mobile device requires the HP Wireless Adapter 100 (L2761A), which must be purchased separately, and the HP JetAdvantage Capture App. The app is available for mobile devices running Android™ version 4.0 and higher, and can be downloaded from the [Google Play™ store](https://play.google.com/store/apps/details?id=com.hp.jetadvantage.capture). For more information, see hp.com/go/documentmanagement. Wireless performance is dependent on physical environment and distance from access point and may be limited during active VPN connections. Wi-Fi Direct® scanning requires the mobile device to be connected directly to the Wi-Fi® network of the scanner. Wi-Fi and Wi-Fi Direct are registered trademarks of Wi-Fi Alliance®.

⁵ The HP Scanjet Enterprise 7500 Flatbed Scanner is a predecessor to the HP Scanjet Enterprise Flow 7500 Flatbed Scanner.

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