

HP Scan AI Enhanced



POWERED BY ALUMA



HP Scan AI Enhanced will recognise documents, extract, highlight, or redact key fields, and then automatically feed data to back-end systems, reducing your dependency on manual data manipulation.

Use Artificial Intelligence (AI) to automate document tasks on your HP MFP:

- Optical Character Recognition (OCR) and Intelligent Character Recognition (ICR) for handwriting
- Increase document security with automatic redaction and information governance policy settings
- Eliminate manual data entry with automatic data extraction
- Gain peace of mind with secure, encrypted cloud storage
- Intelligently file documents for easy sharing
- Get the flexible, scalable, and reliable solution your organisation requires

Solution overview

THE DIGITAL TRANSFORMATION JOURNEY

Even in the remote-working, digital-first world we live in, a lot of business still gets done using paper. Digital transformation starts with the ability to digitise and optimise information at the earliest opportunity in the document life cycle—ideally as soon as the document is scanned.

HP brings a new level of intelligence to its MFPs with advanced document processing capabilities accessible directly from the front panel of the device. HP MFPs can be at the centre of your digital transformation journey by empowering your end users to do much more than just copy, print, and scan. HP Scan AI Enhanced is an outcome-based service that is easily configurable to provide automated solutions to your manual data processing needs.

WHAT IS HP SCAN AI ENHANCED?

HP Scan AI Enhanced is a service that can process documents using two different on-ramps:

- The first is an HP Workpath app that provides a direct interface with the cloud service, allowing clients to scan documents and verify or edit on the MFP that the correct data handling has been achieved.
- If the MFP is not HP Workpath-capable, documents can be scanned to a network folder and then the same services can be deployed using a desktop web service experience to process the documents.

The outcomes are the same—accurate results that are automatically processed, saving time and resources.

Depend on ultra-fast and on-demand OCR and ICR

Distribute searchable PDFs directly from your HP MFP to make life easier for every person downstream in the business process. This OCR microservice is able to OCR a 75-page document in as little as 20 seconds.¹ In addition, ICR enables quick and accurate recognition and processing of handwriting. The result is a searchable PDF document and a database with extracted information delivered in Microsoft® Excel, XML, or JSON format.

Eliminate manual data entry

HP MFPs can be trained to recognise invoices, delivery notes, correspondence, business cards, contracts, and multiple standard forms across many industries. Once a document is recognised, HP's data extraction microservice automatically extracts key fields from the text of the document to feed back-end systems and back-office processes. Superior to template-based approaches, HP's extraction microservice uses fuzzy logic and machine learning to locate the required formation, regardless of its location on a document to deal with ever-changing document layouts. This service also includes error-checking algorithms and database validation to ensure that the right data is entering your systems of record.

Intelligently file documents for easy sharing

Never misfile and lose digital documents again. Let AI help your users to automatically and consistently file contracts based on contract type and counterparty, or file invoices based on invoice numbers and dates. Even correspondence can be filed based on letter content or subjects. End users just have to press the green button, and the AI starts learning. With just a few sample filings, the AI learns from end-user behavior and starts suggesting names and proper file placement so that the right data enters your systems of record.

Gain peace of mind

INCREASED DOCUMENT SECURITY

Automated redaction

Ensure that sensitive and private data remains private with automatic redaction of Personally Identifiable Information (PII) and General Data Protection Regulation (GDPR) data at the time of scanning. Empower your end users to verify redaction accuracy on the MFP and dispatch redacted documents to selected recipients. The redaction microservice is highly configurable and can support most PII, bank code, credit card, address, and personal data.

Information governance

Ensure scanned documents are named, filed, and tagged automatically based on corporate and department policy. Instantly apply new filing and categorisation policies for all newly scanned documents.

DESIGNED BY SECURITY SPECIALISTS

Microservices hosted and protected by industry-standard configurations

All microservices are hosted in a secured cloud environment and accessible from either an HP Workpath app or web service through REST API calls. Security is provided through HP's multi-layered approach to security.

Document data is encrypted while in transit and the cloud microservices never store customer documents at rest. Files uploaded by end users are retained only in dynamic memory for the minimum time required to perform the required task, and then are deleted from memory. We do not and will not retain customer documents as part of this service.

Verification and validation of all applications

Before a microservice is accessed from a device, it must pass rigorous HP verification and validation processes to help ensure app- and device-level security. Only then is it whitelisted and added to the app library for HP MFPs—the world's most secure printers.

The device-based app platform itself is protected by HP Sure Start, which blocks attacks against the core platform. Each app runs inside a "container" on the device, which can only connect with HP. Active app monitoring and revocation for outdated apps helps ensure access to only safe app versions.





FLEXIBLE, SCALABLE, AND RELIABLE

HP Scan AI Enhanced is delivered on a prepaid credit basis according to the volume you choose

Pay for the processing you consume based on prepaid credits and that's it. No reason to hesitate—just try it out.

- No licence purchase required
- No server installation
- No long-term commitments: start small and grow as needed
- No server installation or maintenance: it is a cloud-based solution

Autoscaling and self-healing architecture

Microservices use the latest in cloud-native technologies including Kubernetes orchestration of containers, allowing for:

- Parallel processing of individual pages, resulting in industry-leading OCR speed
- Automatic scale-up and scale-down of resources in line with demand
- Automatic redundancy: move processing to another service instance when one fails
- Auto-provisioning: deploy individual services or whole application as code
- Zero downtime upgrades
- 99.5% service availability commitment on a 24x7 basis

¹ Based on internal HP testing.