



HP PrintOS

Reinvent print production





HP PrintOS is a print production operating system with apps that help you get more out of your HP presses and printers, and simplify and automate your production processes. Use PrintOS to continuously improve your operations and enable new forms of collaboration. Access the open and secure cloud-based PrintOS platform anytime, anywhere.



Why move to the cloud?

Easy setup — No hardware to buy, no software to install means you get up and running fast.

Low start-up costs — No upfront license fees or dedicated hardware.

Unlimited capacity — No more worries about peak loads with 24X7 service monitoring and automated service elasticity and scalability.

Peace of mind — With a combination of state-of-the-art HP security and AWS.

Easily maintained — We manage all the upgrades and updates, so you don't have anything to download, install, or manage. Get access to the latest software instantly.

Simple integration — We meet print service providers' needs today and in the future with open APIs that allow simple integration of other systems and products.

Reinvent print production

HP PrintOS is transforming the way print service providers, from small to large, run their businesses and generate growth.

PrintOS is a print production operating system with a set of web and mobile apps that help you get more out of your HP presses and printers, and simplify and automate your production. Use PrintOS to continuously improve your operations, inspire your staff, and make better, faster decisions. PrintOS can manage any number of jobs from submission to shipment, help you collaborate with partners and colleagues, and enable you to discover new opportunities for growth. Access the open and secure cloud-based PrintOS platform virtually anytime and anywhere.¹

PrintOS is an operating system for print businesses

- A point of integration—Running a wide range of production operation applications from a single point
- A point of connection and collaboration—Connect with PSPs in other regions, print and deliver locally
- Always available—Virtually anytime, anywhere access
- Always up-to-date, continuously improved—Maintained to industry-leading security and privacy standards
- Extensible—Create capabilities that uniquely suit the way you do business

PrintOS is a new experience for your business

- Easy, intuitive integration of hardware, software, and services
- Delivered through the cloud
 - No additional IT activity required²
 - Low costs³
- With flexible, tailored options
- Providing scalable, extensible solutions

PrintOS was released at drupa 2016 for HP Indigo and HP PageWide Web Press customers. It will be extended to HP Scitex and HP Latex customers in 2017. Most of PrintOS will be available to customers at no incremental cost for those who have an ongoing press service contract or business relationship in good standing with HP or its channel partners.

¹ The HP PrintOS Mobile Application is compatible with Android™ 4.0 or later and iPhone mobile digital devices running iOS 8 or later, and requires the press/printer and the smart phone to be connected to the Internet.

² Designed for user deployment.

³ Some applications are available for a fee or may be provided at no additional charge with an ongoing press service contract.



Shift focus and resources into innovation and growth

	Benefits	Applications
<p>Get more out of your HP presses and printers</p>	<ul style="list-style-type: none"> • Drive higher uptime and productivity. • Make better-informed, faster decisions. • Gain greater visibility and control, anytime, from anywhere.¹ 	<ul style="list-style-type: none"> • Print Beat provides visibility to press/printer performance and real-time, data-driven insights to drive continuous improvement in print operations (with the Personal Advisor for HP Indigo presses only). • Mobile Application with fully native apps for iOS and Android™ makes Print Beat available everywhere you go.¹ • Media Locator helps improve print quality and accuracy—search among certified substrates for the best choice, and download settings directly your press/printer. • Substrate Manager helps ensure consistency across HP Indigo presses, centrally manage and share properties for all substrates. • Knowledge Zone facilitates continuous learning with the latest news, technical information, and operator tips & tricks. • Resource Manager centrally manages resources of in-shop devices (e.g., DFEs).
<p>Simplify and automate production</p>	<ul style="list-style-type: none"> • Simplify and consolidate order capture from multiple sources, streamline communication with print buyers. • Manage hundreds of jobs a day, handle production details efficiently. • Reduce complexity to allow easier processing and delivery of orders in no time. • Your choice of flexible production automation. 	<ul style="list-style-type: none"> • Box simplifies and enhances customer experience of delivering files, with an automated, centralized, and streamlined process, including automated preflight. • Site Flow efficiently manages any number of jobs per day, even hundreds or thousands, from submission to shipment. • Composer manages the heavy processing of large variable data printing jobs. • Imposer centralizes imposition, allowing efficient and consistent finishing-ready output, create and modify any number of imposition templates online.
<p>Innovate, collaborate, and grow</p>	<ul style="list-style-type: none"> • Attract new customers and add new services, without the IT integration cost and hassle. • Leverage partner solutions and industry knowledge to innovate. 	<ul style="list-style-type: none"> • Open APIs help you innovate and create new revenue streams. Integrate with your customers' systems to streamline job receipt. • Partners ecosystem provides access to pre-integrated web-to-print content providers, available by subscription. • In the future, Market Place will allow simple access to a range of complementary products, capabilities, and offerings from a broad range of suppliers.

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Device support and implementation for HP PrintOS applications⁴

Benefits	Applications	HP Indigo Digital Presses	HP PageWide Web Presses	HP Scitex Presses ⁵	HP Latex Printers ⁵
Get more out of your HP presses/printers	Print Beat	✓	✓	✓	N/A
	Mobile Application ¹	✓	✓	✓	✓
	Media Locator	✓	✓	✓	✓
	Substrate Manager	✓	N/A	N/A	N/A
	Knowledge Zone	✓	N/A	N/A	N/A
	Resource Manager	✓	N/A	N/A	N/A
Simplify and automate production	Box	✓	✓	✓	✓
	Site Flow	✓	✓	✓	✓
	Composer	✓	✓	✓	✓
	Imposer	✓	✓	✓	✓
	Partner Ecosystem	✓	✓	✓	✓
	Open APIs	✓	✓	✓	✓

Device support and implementation for HP PrintOS applications and functionality varies by HP press/printer

¹ The HP PrintOS Mobile Application is compatible with Android™ 4.0 or later and iPhone mobile digital devices running iOS 8 or later, and requires the press/printer and the smart phone to be connected to the Internet.

⁴ This is the list of available PrintOS apps expected in the second half of 2016.

⁵ Official release of PrintOS for HP Scitex Presses and HP Latex Printers is scheduled for 2017.

⁶ This application applies to HP Indigo Digital Press users only.



Print Beat

Print Beat provides visibility to press performance and real-time, data-driven insights to drive continuous improvement in print operations.

- Visibility—View near real-time and historical data for full transparency and attention.
- Insights—Key performance indicators enable continuous operational improvement.
- Control—Monitor and control status through web browser or mobile app, anytime, anywhere.¹
- Operational excellence—Benchmark press performance for continuous improvement.



Mobile Application

Enjoy direct access from iOS and Android™ to select PrintOS capabilities, with functionality that enables users to initially use Print Beat and later monitor full production.

- Drive continuous improvement—Based on current position data and facts.
- Full production monitoring—Press, job, and order status accessible virtually anytime, anywhere.
- Key performance indicators provide in-depth visibility into production site operations, enabling better decisions and quick action.
- Understand trends—Make quick, accurate decisions based on historical reports.



Media Locator

Improve print quality with access to a searchable database of certified substrates, and download settings directly to your press.

- Track and locate—Easily track and locate the right media for your job, across geography, application, media types, and more.
- Accuracy and color consistency—Use certified media together with pre-defined sets of parameters for optimal results and smooth production.
- Optimize productivity—Automatically download substrate parameters, including media fingerprint⁶ directly to the press, to minimize human error and improve utilization.



Substrate Manager

The Substrate Manager helps ensure consistency across HP Indigo presses. Centrally manage and share all substrate properties including media fingerprint.

- Personalized—Define, organize, and edit your business' commonly used media.
- Accuracy and consistency—Easily share media properties (including ICC profiles) across all your HP Indigo Presses for accurate, consistent color, and to minimize errors.
- Accessibility—Store and edit media properties for your site in an accessible central location.



Knowledge Zone

Knowledge Zone facilitates continuous learning with the latest news, technical information, and tips and tricks.

- Easy access—Easy, quick, and effective access to your choice of relevant content.
- Innovation—Learn and get inspired to improve your performance and increase your professional skills.
- Operational independence—Easy access to practical knowledge and training materials.



Resource Manager

Resource Manager centrally manages resources of in-shop devices such as DFEs.

- Peace of mind—Designed to ensure your workflow resources are always backed up.
- Central management—Share resources or an entire configuration with other DFEs, sites, and PrintOS applications.



Box

A file exchange app optimized for print. It simplifies file receipt from clients, content validation, and file routing directly to production.

- Simple and intuitive—Quick, self ramp-up with an out-of-the-box solution.
- Improved efficiency—Through a unified and consistent experience.
- Accessible—Operates anytime, anywhere, from any device.
- Affordable—Professional tool set at affordable cost.
- Includes an easy submit tool for clients.



Site Flow

Site Flow combines automated order submission, pre-press and shop-floor management capabilities to address the needs of PSPs serving the B2C and B2B2C markets.

- Every job is assigned a product plan and managed in batches to increase efficiency and speed at printing and finishing.
- Automatic barcode insertion for easy traceability of components throughout the production floor.
- Work-to lists at each production step ensures jobs are prioritized based on customer SLAs
- Fully integrated shipping add-on with all major carriers.



Composer

Sophisticated variable data composition on the cloud.

- Powerful and robust—Upload the variable data file and Composer will quickly compose the final PDF file based on the VDP design template. The PDF file size is compact and optimized for fast processing on HP DFEs.
- Flexible—Subscribe to Composer on a per-need basis. Now you can always say “yes” to VDP campaigns including sophisticated mass-customization projects leveraging HP SmartStream Mosaic.
- Advanced—Leverage Composer’s dynamic personalization with on-line services such as MindFire’s personalized URLs and Locr personalized maps to enhance the VDP job and provide effective and relevant messages.



Imposer

Imposer centralizes imposition, allowing efficient and consistent finishing-ready output.

- Save time and gain consistency—Create a final any imposition template on-line or import templates created in HP SmartStream Designer. Drag and drop any PDF file and quickly create final imposed sheet or frame that can be downloaded directly to production.
- Consistent and efficient workflow—Impose centrally on PrintOS Imposer for all your printing device and gain standardization and efficiency.
- Easy-to-use—Simple user interface with file preview and on-screen simulation.



Partner Ecosystem

Access to pre-integrated, web-to-print, MIS, and content stores for faster setup and easy page generation.

- Access to PrintOS content providers—Providing pre-integrated web-to-print solutions.
- Identify opportunities for page growth and differentiation from a list of pre-connected partner solutions.
- Back-end integration—With PrintOS validation enabling integration to production back-end, the chatting tool, and much more.



Open APIs

Connect to existing or new systems and gain access to critical data utilizing open APIs.

- Endless integration opportunities—Open APIs allow simple integration with third-party products and applications to meet PSP needs today, providing the breadth and the depth to grow with them in the future.
- Flexibility to meet specific needs—A flexible system architecture designed for scalability and interoperability, enabling PSPs to shape their business infrastructure to specific needs.
- Adaptable—Use the APIs available on the HP API portal and adapt the interface to retrieve and export data to generate reports, connect to shipment carriers, and more.

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