

Blueprint® Enterprise

Tailored print management solutions for complex, security-conscious enterprises





Pharos Blueprint®

Pharos Blueprint Enterprise is an ISO 27001 certified, on-premises print management solution proven to help large-scale enterprises streamline complex print workflows and manage multi-vendor fleets.

BLUEPRINT IS DESIGNED TO:

- Reduce costs
- Enhance security
- Optimize printing

Blueprint's unique blend of flexibility, scalability, and integration with your existing technology makes it easy for you to manage your entire print environment.

Benefits

Enhance security

SECURE YOUR DEVICES AND DOCUMENTS

Our ISO 27001 certified platform secures network devices so documents can only be released after owner authentication.

- Control access to all features on multifunction devices
- Leverage industry standards including TLS 1.2 and IPPS
- Implement print forensics to automatically identify sensitive information in documents and notify your data protection officer or other relevant parties if it's printed

Optimize printing

SCHEDULE REPORTS

Automatically schedule monthly reports for a comprehensive view of your print environment.

- Choose from over 50 reports, including enterprise summaries, job-level tracking, and device utilization
- Send reports off-schedule for unplanned requests
- Audit printing and recover costs by charging back to departments
- Easily integrate with 3rd-party reporting tools

TRACK AND MANAGE FROM YOUR BROWSER

Print Center makes it easy to manage common administrative tasks right from your browser.

- Troubleshoot issues in your print environment without having to log into a server
- Track and manage system performance and components that may affect printing operations

INTUITIVE USER EXPERIENCE

Provide a consistent user experience on multifunction printers embedded with Pharos' common UI, regardless of manufacturer.

- Pharos' truly "universal" print driver built on the IPP Everywhere™ standard provides a consistent print experience to the multivendor fleet
- Reduce user training and frustration with a consistent look-and-feel across MFPs from different manufacturers

Reduce printing costs

LEVERAGE EXISTING INVESTMENTS

Our scalable and dependable platform seamlessly integrates with Active Directory and LDAP user authentication. Blueprint provides:

- Flexible, single-system management of various printer manufacturers and device models
- Streamlined print queues with secure print workflows that reduce waste while allowing users to print at any Pharos-secured device

MANAGE WITH QUOTAS

Control printing costs by setting monthly page count quotas.

- Apply and enforce group-specific quotas—if quota thresholds are exceeded, the user and manager are notified by email
- Set separate quotas for black-and-white and color pages, as well as different departments and managers

FOSTER SMARTER PRINTING HABITS

Establish more environmentally-responsible printing habits by educating users and enforcing print policies.

- Easily enforce company print policies
- Educate employees about printing costs, including financial and sustainability impact

USE LESS TONER

Reduce toner consumption by 25–35% without compromising on print quality.

- Achieve significant cost savings by leveraging Pixel Optimization
- Define the level of toner savings you want and automatically apply it to all jobs, specific jobs, or specific applications

Path to Cloud

Blueprint 6.0 puts you on the path to modernizing your environment with the ability to migrate to Pharos Cloud when you're ready. A structured migration allows organizations to:

- Continue printing without disruption
- Migrate at their own pace

Pharos Print Center™



PHAROS  **Print Center**

My Printing

Job List

Refresh **Delete** **Upload**

Type	Title	Print Preview	Pages	Pieces of Paper	Submitted
	Communications policy.docx		1	1	5 seconds ago
	User Conference Attendees.docx		1	1	10 seconds ago

Selected 1 documents

Print options

Color: Black & White **Pages per side:** 1

Sides: Double Sided **Copies:** 1

Destination: Select a printer

Print

USERS CAN EASILY MANAGE THEIR PRINT QUEUE:

- A.** View and release print jobs sent to Pharos queues
- B.** Select previously used printers or search for new ones
- C.** Delete unnecessary print jobs
- D.** Preview documents before printing

WITH MOBILEPRINT, USERS CAN:

- E.** Upload documents to the print queue
- F.** Change print settings for jobs submitted by email or web upload (e.g. color vs. monochrome, simplex vs. duplex, number of copies, etc.)
- G.** Support touchless print release via QR code scan to limit employee contact on shared surfaces



Secure Print

Print jobs are held on the network and released after the user authenticates at the device.

- Ensure confidential documents are released and collected by their owners
- Significantly reduce abandoned and forgotten documents
- Stop users from having to rifle through stacks of paper to find documents
- Print to a single queue and release at any Pharos-enabled printer, regardless of manufacturer or location

The Secure Print Workflow

Secure Print frees IT staff from managing hundreds of print queues and vendor-specific print drivers, and it eliminates piles of unclaimed printouts.



Pharos MobilePrint™

Pair Pharos MobilePrint with Blueprint to enable printing from any email or web-enabled device to any Pharos-secured printer. With MobilePrint, you can leverage and extend your Blueprint investment, simplifying tasks for employees and administrators.

DRIVERLESS PRINTING

MobilePrint does not require print drivers. All a user needs is a web browser or the ability to send email. Print jobs can be easily sent from all versions and flavors of Windows®, Mac, and Linux. It's that simple.

DEVICE INDEPENDENCE

Pharos MobilePrint enables users to release their print jobs at any Pharos-secured printer, regardless of manufacturer or location. For organizations with a diverse mix of printing devices from different manufacturers, MobilePrint delivers unmatched convenience and flexibility.

SECURE PRINTING

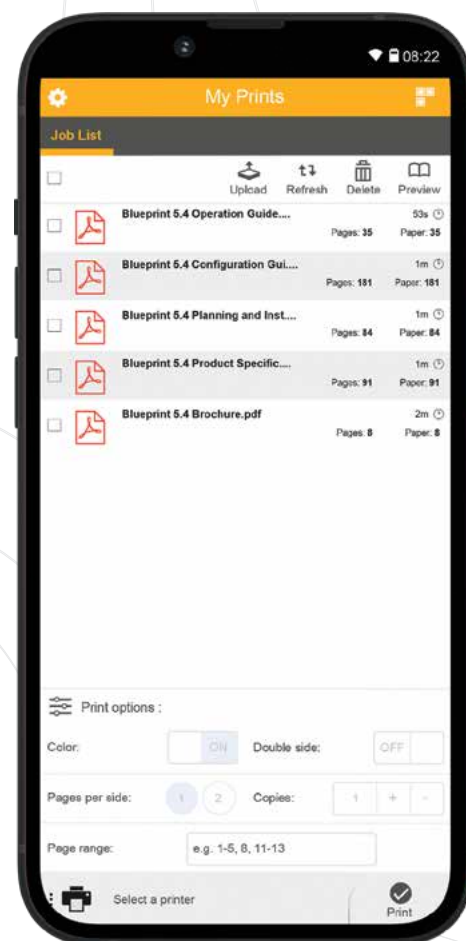
MobilePrint leverages our Secure Print technology for superior document security. To authenticate and release a job, users must be physically present at a device.

MOBILE APPS

Our Pharos Print app for iOS and Android devices makes it even easier for employees to submit documents for printing and view print history.

SUBMISSION NOTIFICATIONS

When jobs are submitted via email, users are immediately notified when their document is ready for release. They are also notified if a job cannot be printed due to an unsupported file format. This immediate feedback loop lets users resubmit documents in a supported format before they walk to a printer.



Support For Popular File Formats & E-Mail Protocols

All of the most commonly printed file formats are supported, including*:

Adobe® Portable Document Format (.pdf)

Office Documents

- Microsoft® Office (.doc, .docx, .xls, .xlsx, .ppt, .pptx)
- Microsoft Outlook (.msg, .eml)
- Microsoft Publisher (.pub)
- Microsoft Visio (.vsd)
- Open Document Formats (.odt, .ods, .odp, .odg, .odf, .otg)

Image Files

- .jpg, .jpeg, .gif, .bmp, .png, .tiff

Text Formats

- .txt, .ini, .cfg, .rtf, .csv

E-mail Contents

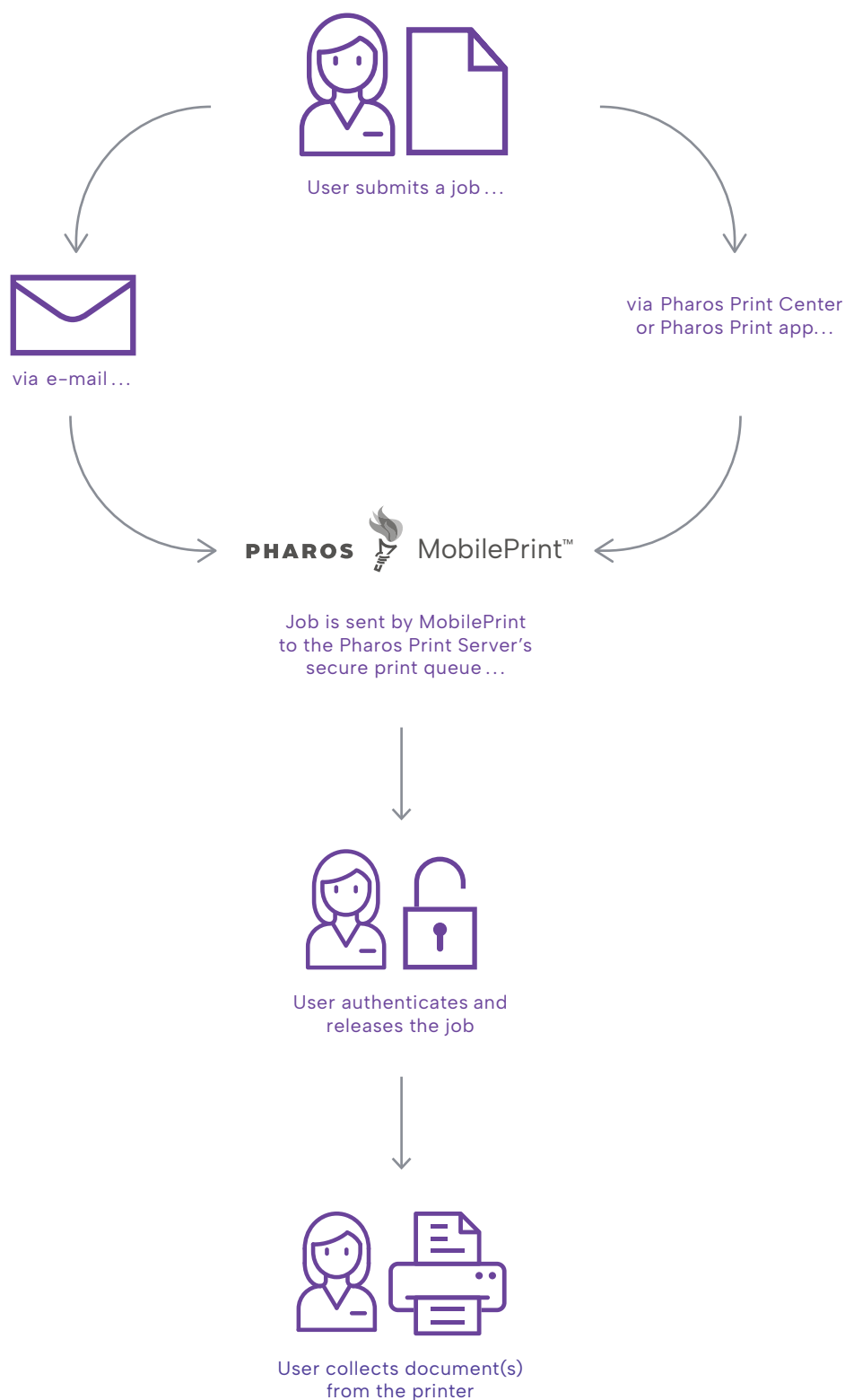
- HTML as part of the e-mail body (HTML links or attachments are not supported)
- E-mail in web links not requiring authenticated access

E-mail Protocols

- POP3, Exchange (EWS), Google Mail (Gmail API), Office 365 (OAuth)

* See product documentation for a full list of supported file formats.

MobilePrint User Experience



Typical user experience with Pharos MobilePrint:

1) SUBMIT DOCUMENTS TO PRINT

OPTION 1 email documents to the address set up for MobilePrint (e.g. print@organization.com).

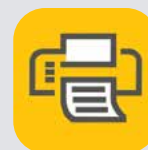
OPTION 2 Upload files via the Pharos Print Center or Pharos Print app.

2) RELEASE THE DOCUMENTS

OPTION 1 Walk up to your preferred device, authenticate using your ID or access card, and then select the document(s) in your queue that you want to print.

OPTION 2 Log into the Pharos Print Center and select the documents you want to print.

3) COLLECT DOCUMENTS FROM THE PRINTER



With the Pharos Print app, users can easily send content from their iOS or Android device to any Pharos-secured printer to be printed. Download the app directly from the Apple app store or Google Play store.

Systems Requirements

SERVER

Operating Systems

- Microsoft® Windows Server 2022
- Microsoft® Windows Server 2019
- Microsoft® Windows Server 2016

Software Requirements

- Microsoft® Internet Information Services (IIS) 10 or later
- Microsoft® .NET Framework 4.6.2 or higher
- Microsoft® .NET 8

Minimum Hardware Requirements

- Single processor, dual core or greater
- 8 GB RAM
- 100 GB drive

* The number of users and type of features used may impact these recommendations. Please consult Pharos for assistance in planning your server configuration.

DATABASE

- Microsoft® SQL Server 2022
- Microsoft® SQL Server 2019
- Microsoft® SQL Server 2017
- Microsoft® SQL Server 2016

CLIENT OPERATING SYSTEMS

- Microsoft® Windows 11
- Microsoft® Windows 10

We also support thin client environments. Please contact Pharos for more details.