PSL

Secure Print Solution

PSL Solution Overview

The Optimal Secure Print Solution
for **HP Workpath MFPs**

BobaPrint.Inc

Address AI Center, 209 Neungdong-ro, Gwangjin-gu, Seoul, South Korea

Email wsj0410@bobaprint.com

Secure Print Solution

PSL

*PSL (Print Security Lite)



PSL, the Optimal Solution for HP Workpath Platform MFPs,

Is a Secure Print Solution that includes all essential core features

***at a reasonable price, without the need for additional setup costs**.

Verified and trusted	Essential and diverse	Reasonable and competitive
Reliability	**Features**	**Pricing**

While other solutions require server setup costs of around $14,500, PSL can replace a server with a desktop. (Refer to page 20)

PSL options introduction

Experience all the essential features for print security.

PSL

A complete secure print solution that monitors all print, scan, copy, and fax activities with full logs and original file access. Features include user authentication, print/copy quotas, and color control to ensure secure and efficient document management.

* Provides full feature support on both Windows and Mac OS.

Authentication

Employee Card
ID/PW
PIN Code

Printing Features

Pull-Printing
View print queue
Delete print queue

Job History

Store job logs
Save original image files
Search function

User Management

Excel DB integration
User status management
Active Directory integration

The detailed feature table is on page 19.

PSL options introduction

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Watermark & Stamp

Watermark
Stamp
Preview support



Server Scan

Scan file management
Send scans by email
File Format support
(PDF, JPEG, TIFF, XPS)



Device Management

Monitor usage by printer
Add and remove printers



Quota Management

Print/Copy Quota
Color restrictions
Duplex/Simplex restrictions

The detailed feature table is on page 19.

1 Secure Printing

Secure printing ensures that only authorized users approved by administrators can print documents using various authentication methods. Unauthorized printing is restricted, preventing the leakage of confidential documents.

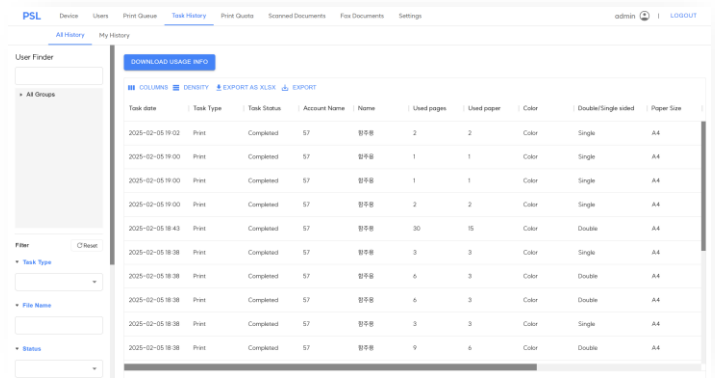


- ID Card
- ID/PW
- PIN Number

A separate card reader purchase is required.

2 Job History Storage and Search

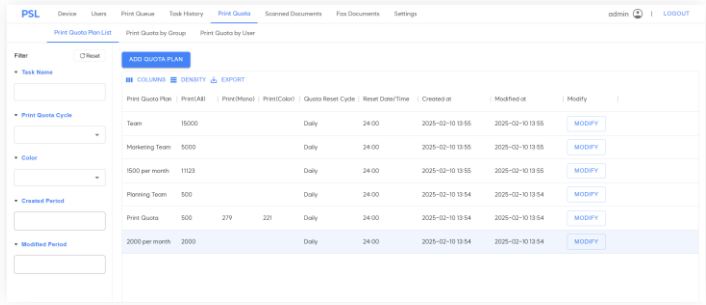
job histories for printing, copying, scanning, and faxing are stored and searchable, enhancing document security for businesses.



Detailed information such as date and time, job type, status, user, number of pages, color mode, duplex settings, and paper type can be reviewed.

3 Print Resource Management

Print/Copy quotas can be set for individual users or groups to minimize unnecessary printing, while print statistics enable systematic resource management.



- Print/Copy Quotas can be assigned per user or group.
- Color and simplex printing can be restricted to enforce mono and duplex printing only.

4 Intuitive and Unique UI/UX

Designed with an intuitive and user-friendly UI/UX to improve usability, with customizable themes in various colors.

BLUE	PURPLE	GREEN
#4483F7	#7950F2	#15AABF

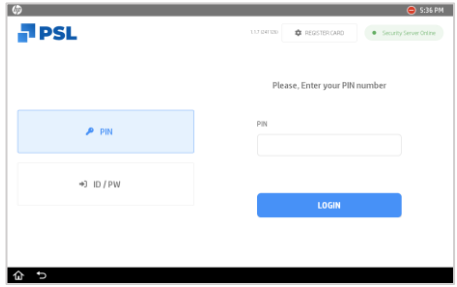
MFP Application Overview

A PSL program installed on the MFP to prevent unauthorized users from preforming operations



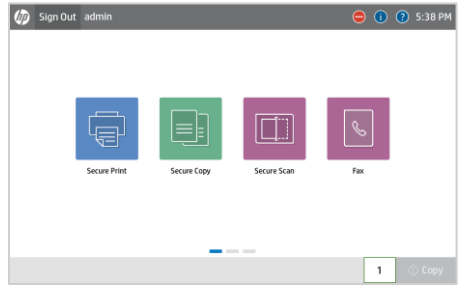
Home Screen

Block unauthorized use before user authentication.



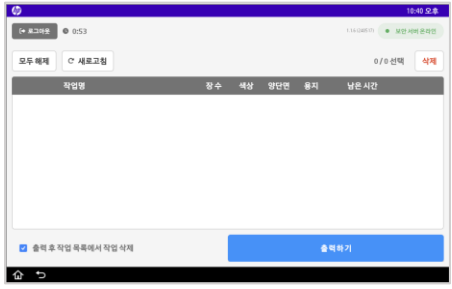
Log in Screen

Users can choose their preferred authentication method



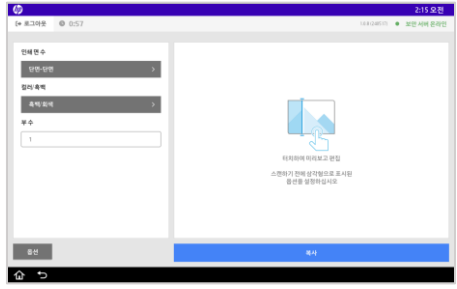
Operation Screen

Once logged in, users can select the desired operation



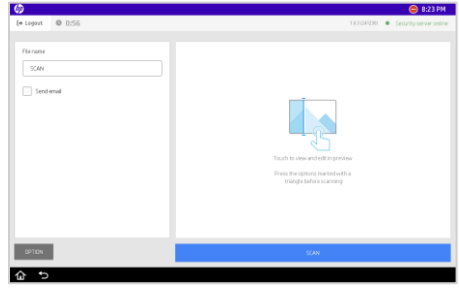
Secure Print

Users can view and manage print jobs



Secure Copy

Allows users to copy the document

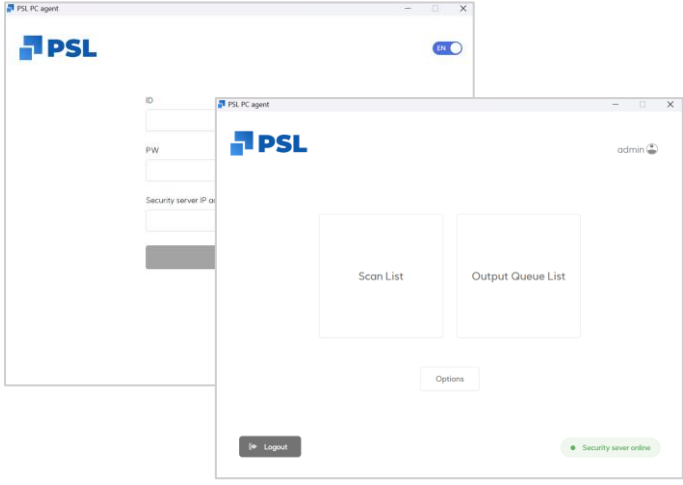


Secure Scan

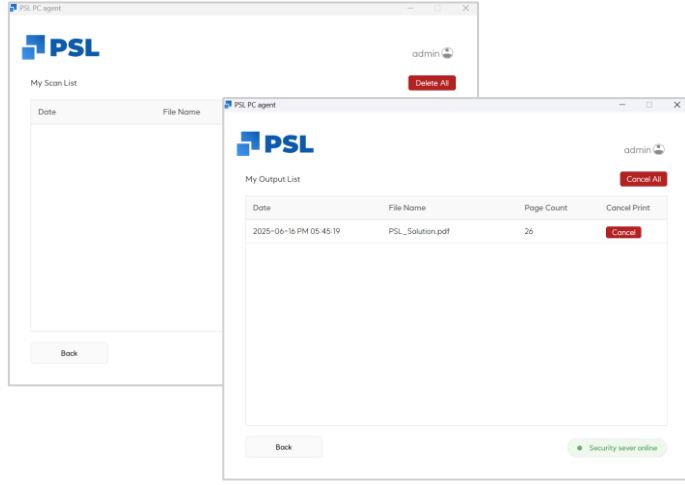
Users can scan documents and download them

PC Client Overview

A program installed on the user's PC that allows users to view the Output Queue List and download scanned files.



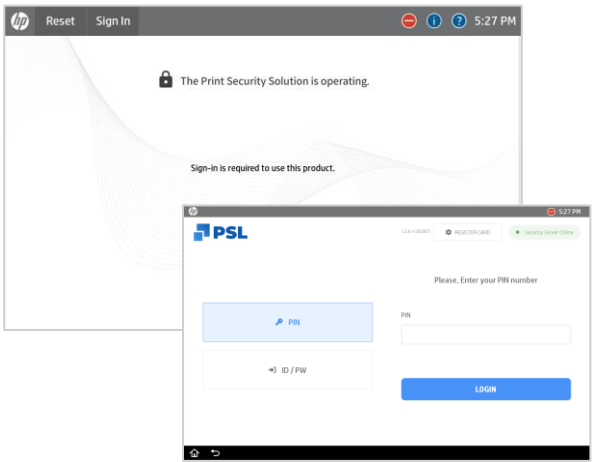
Before/After Login



Scan List / Output Queue List

Login Settings

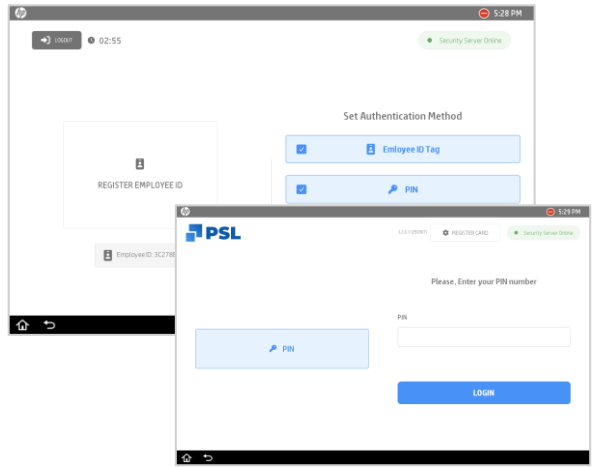
Employee card authentication, ID/PW, and PIN code login are provided by default.



Home Screen & Login

Tap your employee card on the card reader
to log in from the home screen.
Press the Sign In button to log in using PIN or ID/PW.

(*The home screen image can be customized based on customer needs.)



Login Settings

Admins can configure login methods to display
only selected authentication options.

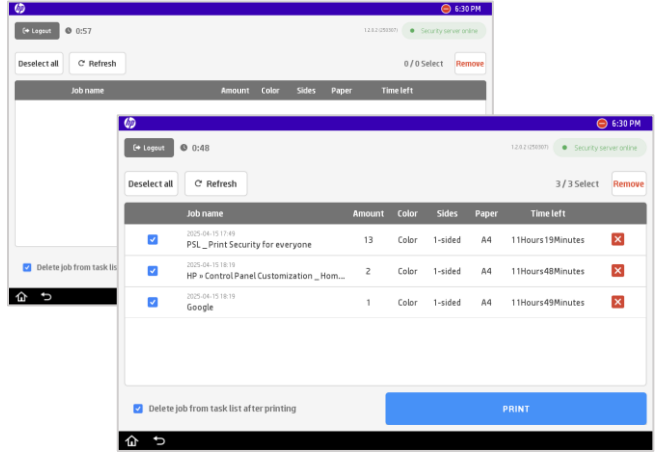
Secure Print

You can select specific documents to print or delete them from the list without printing.



Task Screen

After login, users can select the desired application.
App order can be customized as needed.

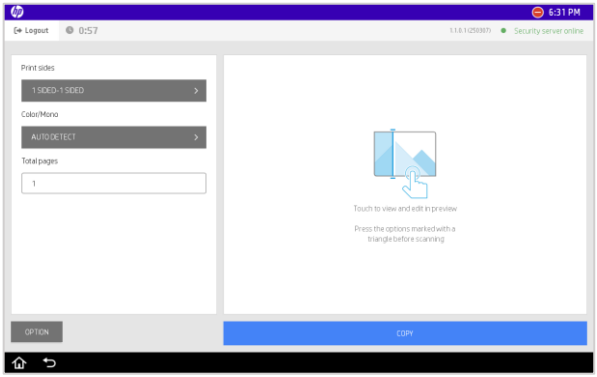


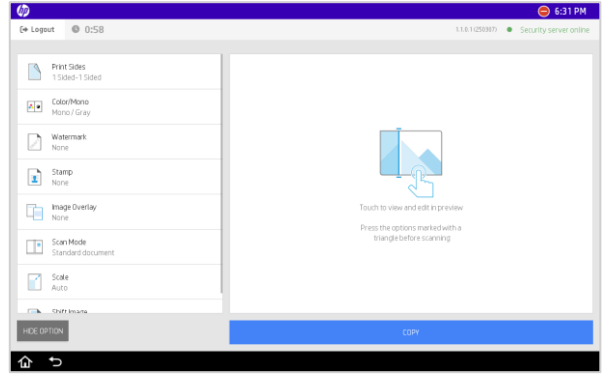
Secure Print

View your pending print jobs.
Select and print or delete items from the list.

Secure Copy

You can set copy options to copy documents in your preferred way.



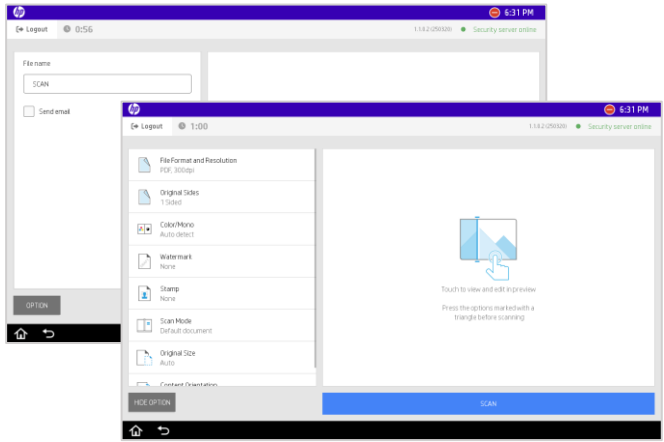


Secure Copy

Copy desired documents with preview available.
Set copy options by clicking the settings icon.

Secure Scan(Server Scan)

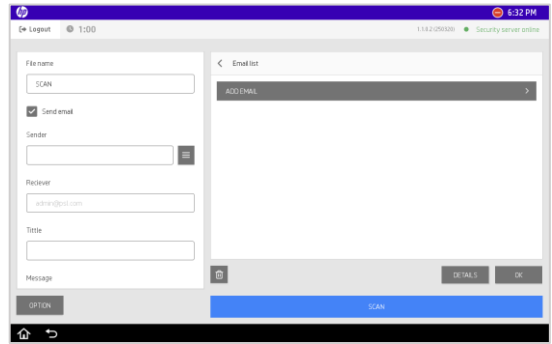
With PSL's server-based scan system, a convenient scanning process is provided.



Secure Scan

Scan desired documents with preview available.
Set scan options by clicking the settings icon.

(Supported file formats : PDF, JPEG, TIFF, and XPS)

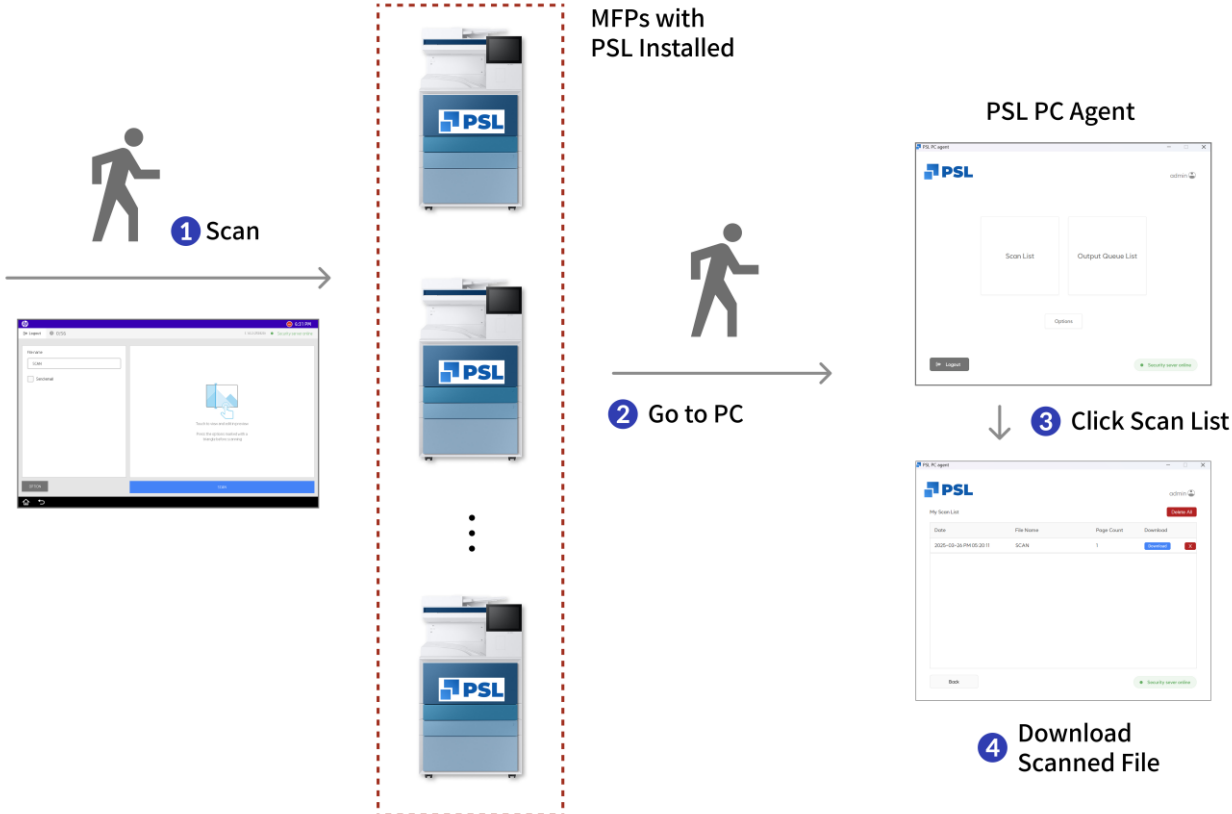


Email Scan

Enable the email scan feature to automatically send scanned documents via email.

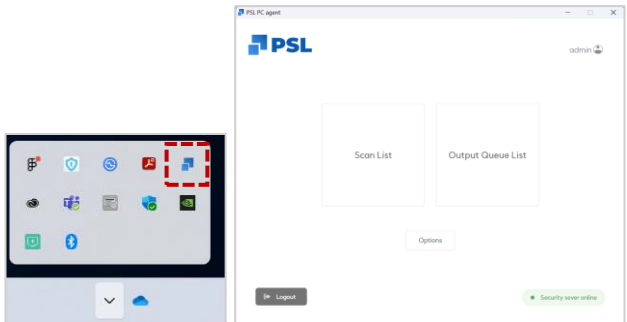
Secure Scan Process

Scanned documents can be easily downloaded from your PC, regardless of which MFP was used.



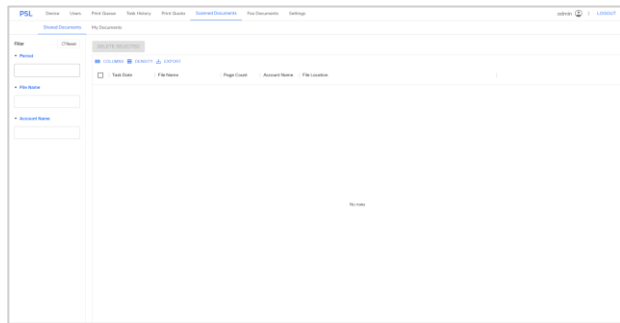
PC Client Key Features

Users manage print jobs via the PC Agent, while administrators manage resources through the Admin Webpage



PSL PC Agent

A program installed on the user's PC,
providing access to scanned documents and print queues.
(* Windows / Mac supported.)

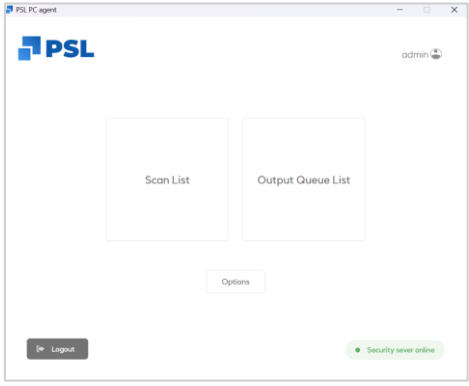


PSL Admin Webpage

An all-in-one management Webpage enabling group setup,
print quotas, job tracking, user addition, and access to scan storage.
(* Guide will be provided.)

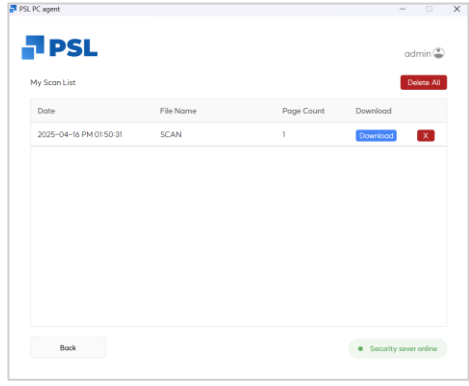
PSL PC Agent

PSL PC Agent must be running to use PSL services. It runs automatically in the background under normal conditions.



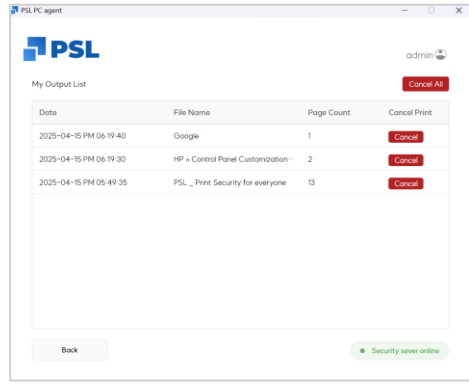
Main Screen

This is the default screen of the PSL PC Agent.
You can view the Scan List and Output Queue List.



Scan List

Check the list of files scanned from the MFP.
You can download or delete scanned files.

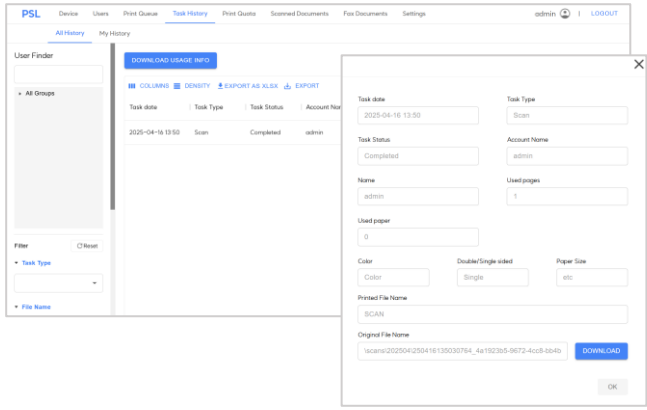


Output Queue List

View the list of user-requested print jobs.
Cancel any pending print jobs using
the cancel button.

PSL Admin Page

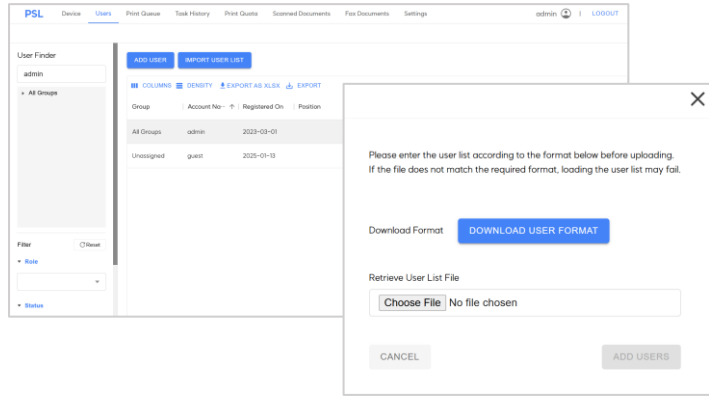
From the Admin Page, you can download the PSL PC Agent and manage various tasks.



Task History

Check detailed job history per user (Color, Double/Single Sided, Paper Size, etc.), and download the original scanned or printed file.

Download Usage Info to view overall MFP usage at a glance.

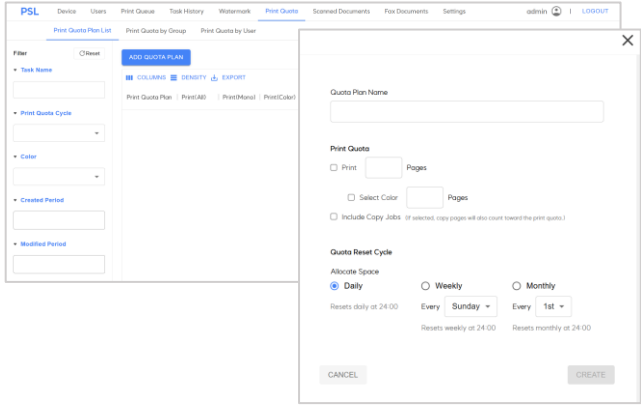


User Management

Add or deactivate users to manage PSL access,
and easily register users using the USER FORMAT.

PSL Admin Page

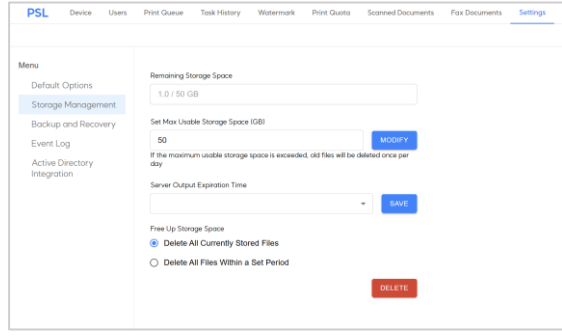
From the Admin Page, you can download the PSL PC Agent and manage various tasks.



Print/Copy Quota

Print quota can be assigned to groups or individual users,
with options to set limits based on mono or color output.
Copy jobs can also be included in the assigned quotas.

The quota reset cycle can be configured to automatically
reset quotas at specified intervals.



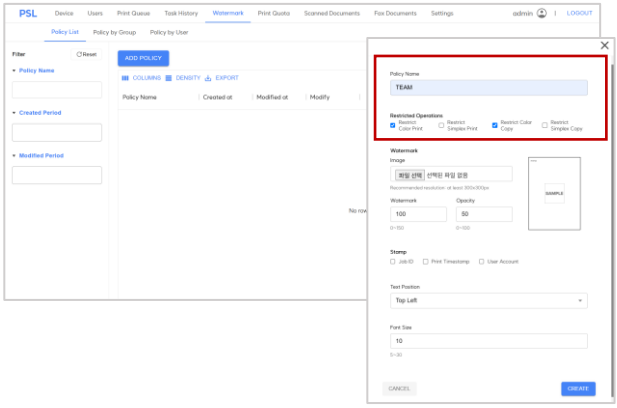
Storage Management

To prevent storage overload on the server,
you can set a maximum storage limit for original files.

Files will be deleted in order of oldest first once the limit is exceeded,
and files can also be deleted periodically by date.

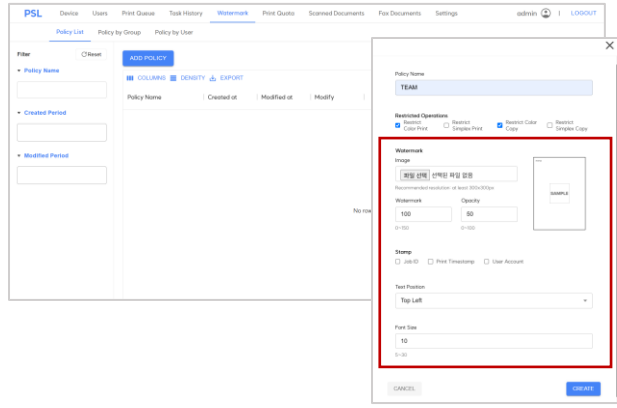
PSL Admin Page

From the Admin Page, you can download the PSL PC Agent and manage various tasks.



Color/Duplex Restrictions

Settings can be configured in the Policy List under the Watermark tab.
You can restrict color printing to allow only mono output,
or enforce duplex printing to prevent simplex printing.
(Color and duplex restrictions also apply to copy jobs.)



Watermark & Stamp

Settings are configured in the Policy List under the Watermark tab.
You can apply a custom image as a watermark, or configure stamps to include
information such as Job ID, Print Timestamp, and User Account.
(Position and size can be adjusted, and a preview is available.)



Cost Savings on Printing

Implementing a secure print solution can reduce printing costs by an average of 30%.



Enhanced Document Security

Secure printing prevents the exposure of confidential documents through proactive prevention and post-incident response.



Most Cost-Effective Solution

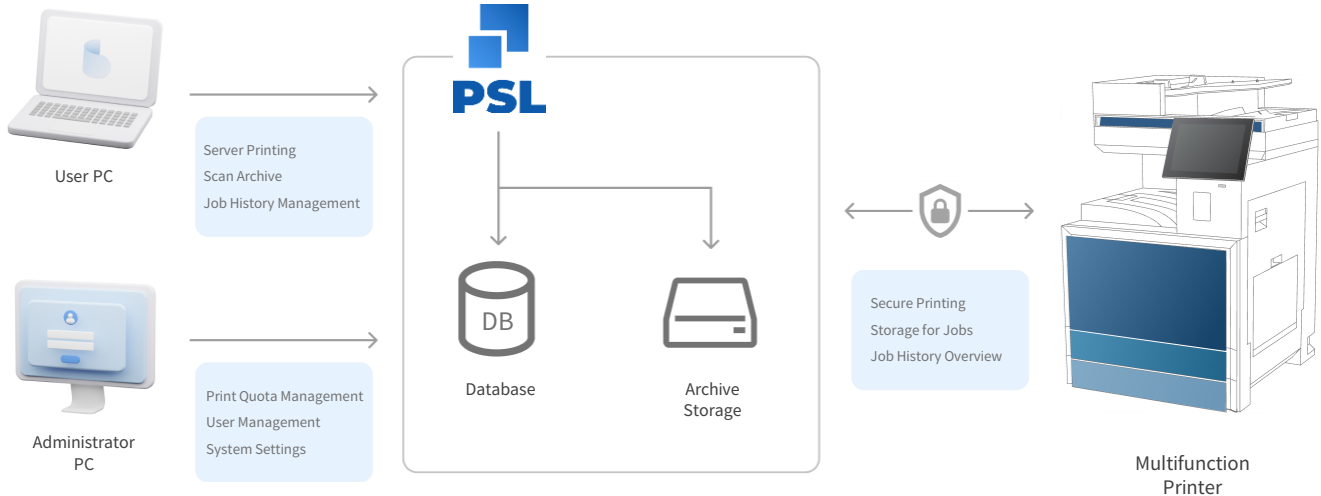
PSL is the first in the market to utilize a Pentium-grade server, offering a solution with significantly lower server setup costs. It helps businesses save on initial implementation costs, which can exceed $14,500

PSL Features Details

Category	Feature	Description
User Management	User	Administrators can manually add users.
	Import Users	Import HR database using an Excel template.
	Group Management	Create groups and assign users to them
	Edit User Information	Modify user information
	Approval Management	Manage user permission approvals.
Device Management	Add/Delete Devices	Add or delete multifunction printer (MFP) devices.
	Device Monitoring	Access the monitoring page for MFP devices.
Print Queue	Print Queue	View and search user-requested print jobs.
	Original File Download	Download the original files of completed print jobs.
	Expire Print Jobs	Administrators can mark user print requests as expired.
Print Quotas	Create Quota Plan	Create and edit print&copy quota plans.
	Group Quotas	Set print/copy quota plans for groups.
	User Quotas	Set print/copy quota plans for individual users.
Watermark	Watermark	Create and assign watermark policies per group/user.
	Stamp	Configure stamps with Job ID, Print Timestamp, User Account.
Active Directory	DB Synchronization	LDAP Protocol-based Active Directory Synchronization.

Category	Feature	Description
Job History	Job History	View history of user printing, scanning, copying, and faxing activities.
	Original File Download	Download the original files of completed jobs.
Print Restrictions	Color Print Restriction	Restrict color printing to allow only mono print/copy
	Simplex Print Restriction	Restrict simplex printing to enforce duplex print/copy only
Scan Archive	Scan Archive	View and download files from personal and shared scan folders.
	Scan File Save Options	Supports saving in PDF, JPEG, TIFF, and XPS formats.
	Scan to separate files	Scan multiple pages and save each page as an individual file.
Fax Archive	Received Faxes	View and download received fax files.
	Sent Faxes	View and download sent fax files
Settings	Basic Information Settings	Configure company name, contact information, theme colors, etc.
	Storage Management	Check remaining storage space and free up space.
	Backup and Recovery	Perform data backup and system recovery to a specific point in time.
	Event Log	Display all event logs within the system.
User Authentication (MFP App)	ID Card	Authenticate using an employee card reader.
	ID/PW	Authenticate using user ID and password.
	PIN Number	Authenticate using a user PIN code.
	ID Card Registration	Register employee cards through the MFP app.

System Configuration



Recommended Installation Specifications

Number of MFPs	CPU	Operating System	Memory	Storage
Under 5	Pentium-grade	Windows 10 or later (64bit)	Over 16GB	Over SSD 512GB
Under 5~30	Intel i5 -grade	Windows 10 or later (64bit)	16-32GB	Over SSD 512GB
Under 30~50	Intel i7 -grade	Windows 10 or later (64bit)	Over 32GB	Over SSD 1TB

ⓘ The recommended specifications above may vary depending on usage.

ⓘ For deployments with more than 30 devices, please contact us for custom recommended specifications

Capability for Pull Printing & Remote Server Deployment

BobaPrint has all the essential features required for implementing a secure print solution.



Pull Printing

Authenticated users are provided with the pull printing functionality,
Allowing them to print from any printer.

Printers within the same network can be accessed freely.

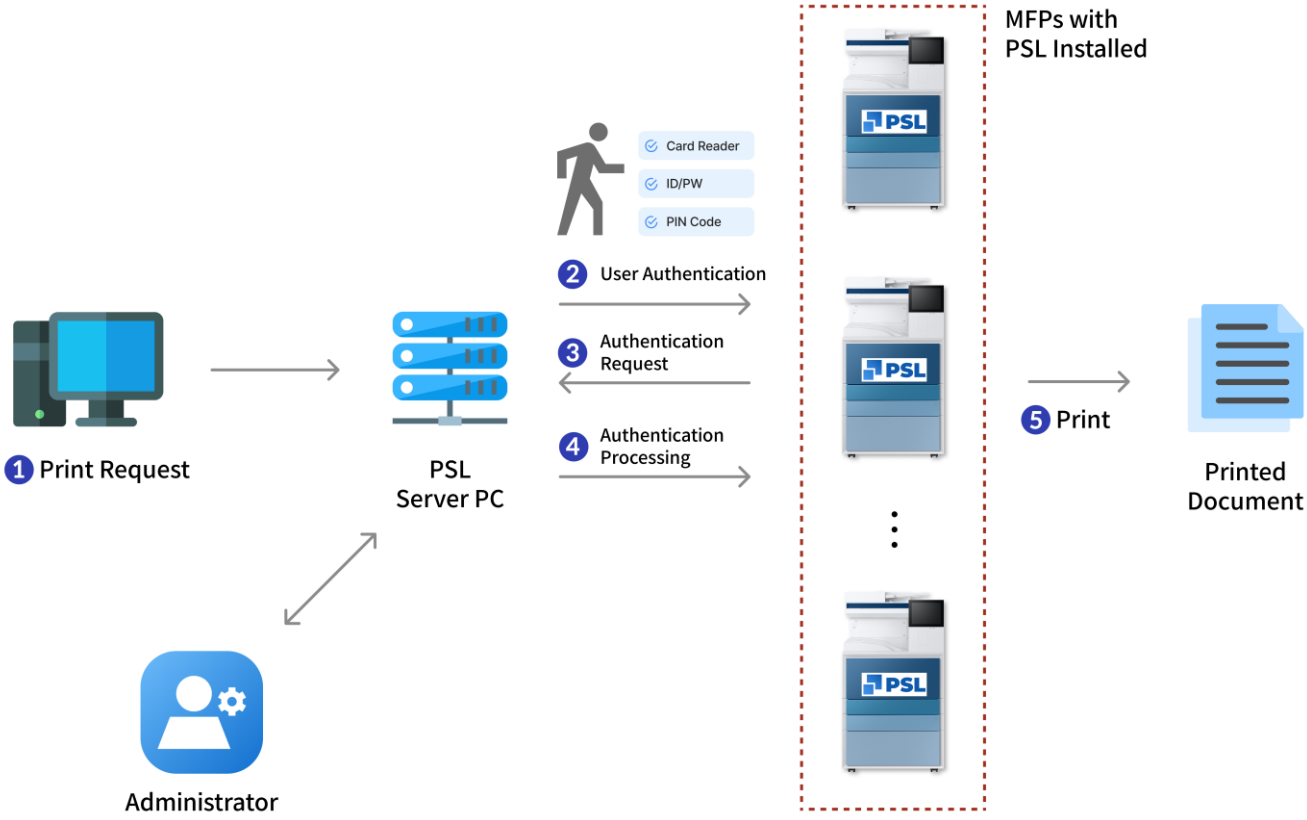


Remote Sever Deployment

The solution can be deployed even if the server is physically located elsewhere.
PSL is a solution capable of remote server deployment.

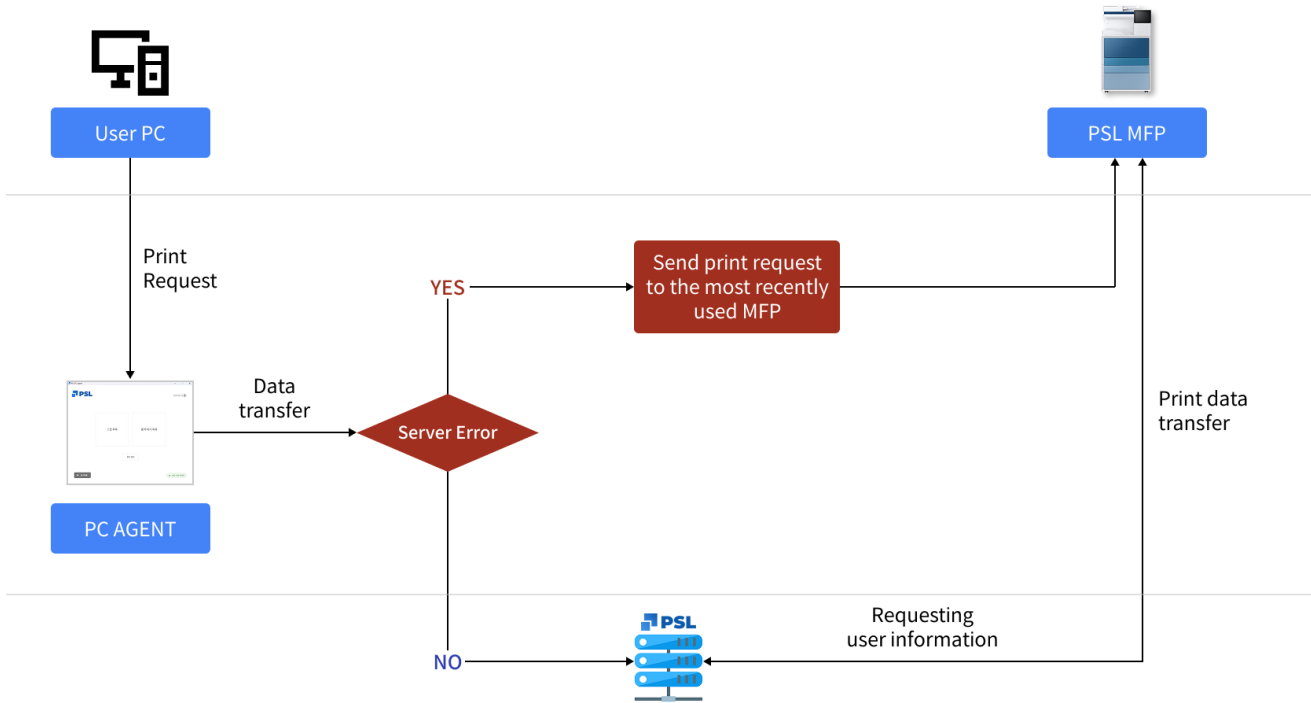
Pull Printing Function Details

With server-based printing, users can authenticate and print their documents from any MFP connected to the same server.



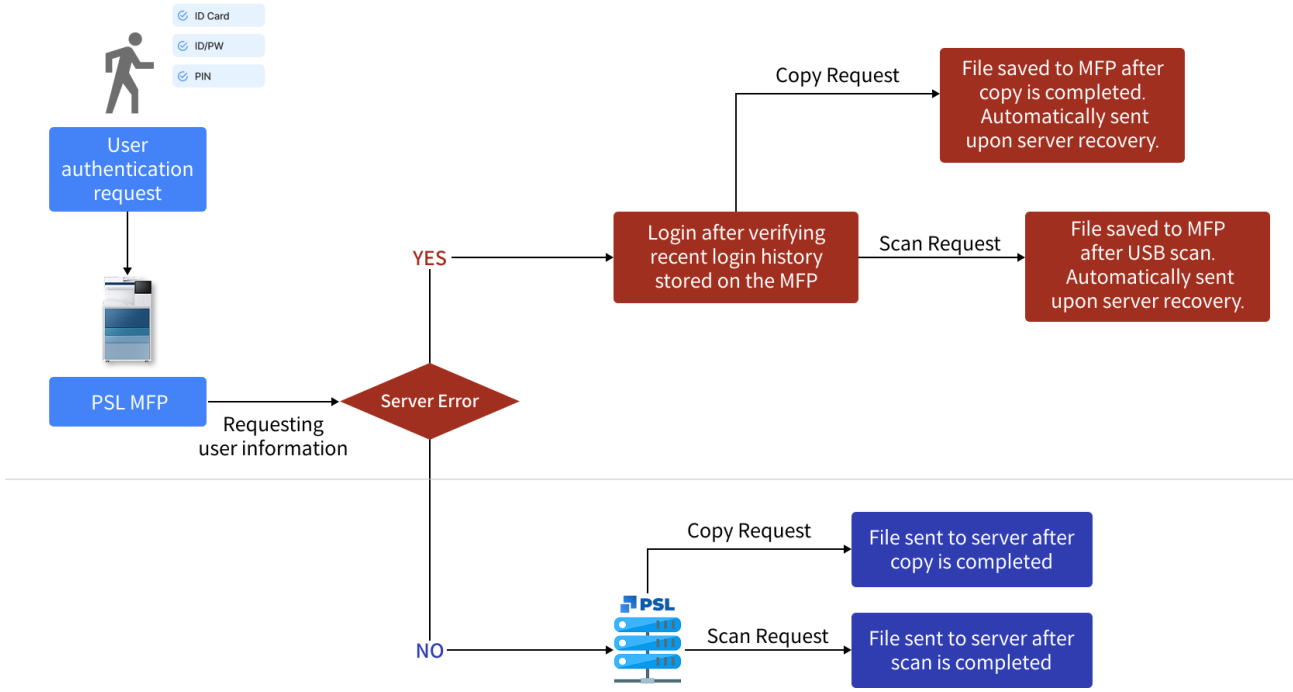
In case of a server error – login / Print

In the event of a server error or a VPN connection issue, you can still scan or copy using the last-used multifunction printer.



In case of a server error – Copy / Scan

In the event of a server error or a VPN connection issue, you can still scan or copy using the last-used multifunction printer.



PSL Implementation Cases

PSL is a reliable secure print solution that has been validated for usability through multiple field tests.

Name SK broadband
Industry Telecommunications

Name SNNC
Industry Manufacturing

Name KYOBO
Industry Insurance

Name Hansot
Industry Food Franchise

Name KT Millie's Library
Industry Platform

Name aSSIST
Industry Education

Name PARITY
Industry Chemical

Name Chaseway Partners
Industry Investment

Name Travel Wallet
Industry Finance Services

Name WISE automotive
Industry vehicle technology

Photo of PSL Implementation



SK broadband



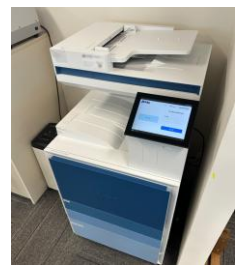
Hansot



Travel Wallet



KYOBO



KT Millie's Library

PSL

The Optimal Secure Print Solution
for HP Workpath MFPs

Contact : wsj0410@bobaprint.com

Thank You.