

Secure Print+ User's Guide

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Definitions of Notes

We use the following symbol throughout this User's Guide:



Tips icons indicate helpful hints and supplementary information.

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1. Introduction

Brother's Secure Print+ solution improves print security and protects confidential documents. When a secure print job is sent to a Brother machine, it will not be printed until the authorized user releases it using an NFC ID card.

Print Job



Swipe your NFC card on the Brother machine to collect your printed pages



You may need to remove your ID card from a case or cover to ensure the machine can detect it

Functions and Features

to the machine

- Works as a standalone solution (no servers or additional software required)
- Can be integrated into Microsoft Active Directory
- Allows users to select and print specific documents if there are multiple print jobs in the print queue
- Provides automatic, ruled-based deletion of stored print jobs
- Supports built-in and external USB card readers with popular RFID/NFC tags (for a comprehensive list of supported card types, contact your local Brother office)
- Allows configuration of multiple machines using either the Brother Mass Deployment Tool or BRAdmin Professional 4 and JSON files

Modes

To identify authorized users, Brother machines must check if they exist in a user database. Secure Print+ supports two types of user database:

- **The Brother machine's internal database (Standalone Mode)** To use Secure Print+ with the machine's internal database, see section 2. Configuration (Standalone Mode).
- Microsoft Active Directory database (Active Directory Mode) To use Secure Print+ with Active Directory, see section 3. Configuration (Active Directory Mode).

- 0.
 - To activate this solution, you need a valid license code and software that can send license codes to target machines. For more information, contact your local Brother office.
 - If you activate SecurePrint+ on the following machines, the SecurePrint function will be deactivated:

Machine Type	Model Name
	HL-J6000DW
	HL-J6100DW
Inkjet	MFC-J5945DW
	MFC-J6945DW
	MFC-J6947DW
	DCP-L5500DN
	DCP-L5502DN
	DCP-L5600DN
	DCP-L5602DN
	DCP-L5650DN
	DCP-L5652DN
	DCP-L6600DW
	MFC-L5700DW
	MFC-L5702DW
	MFC-L5705DW
	MFC-L5750DW
	MFC-L5800DW
	MFC-L5802DW
Mono Laser	MFC-L5850DW
	MFC-L5900DW
	MFC-L5902DW
	MFC-L6700DW
	MFC-L6702DW
	MFC-L6800DW
	MFC-L6900DW
Color Laser	
	MFC-L8905CDW
	MFC-L9570CDW
	HL-L8360CDW
	HL-L8360CDWT
	HL-L9310CDW

For a comprehensive list of all Brother machines compatible with the Brother SecurePrint+ solution, contact your local Brother office.

2. Configuration (Standalone Mode)

2.1 Requirements

- The Secure Print+ software solution must be activated on the target machine.
- The Brother machine must be connected to a network and accessible from a web browser.
- Users must have a Brother native printer driver installed on their computers.

2.2 Enable Print Data Storage

- 1. Start your web browser.
- 2. Type "http://machine's IP address" in your browser's address bar (where "machine's IP address" is the IP address of the machine or the print server name). For example: http://192.168.1.2.
- 3. If the machine prompts you for a password, type it, and then click 2.
 - The default login password to manage machine settings is on the back of the machine and marked "Pwd".
 - We recommend changing the default login password in order to protect your machine from unauthorized access and to make features and software more secure.
- 4. Click the Administrator tab.
- 5. Click Restriction Management (or User Restriction Function) in the left navigation bar.
- 6. Select the Secure Function Lock radio button, and then click Submit.
- 7. Click Secure Function Lock in the left navigation bar.

Administrator Login Password Restriction Management	Restriction Management Submit OK
Secure Function Lock	User Restriction Function
Restricted Functions 1-25	To restrict user access to the machine, first select a preferred User Restriction Function method, and then select the functions you want to restrict in the Setting Lock section.
Restricted Functions 26-50	Ooff
Restricted Functions 51-75	Secure Function Lock Active Directory Authentication
Restricted Functions 76- 100	O LDAP Authentication

8. Ensure the Storage PC Print Data option is enabled, and then click Submit.

	Inction Lock
Secure Fund feature also access to th restricted us	tion Lock lets you restrict Public access to cortain machine functions. This prevents users from changing the Default settings of the machine by limiting Menu settings. Access to restricted operations can be enabled by creating a pr/group. Restricted users/groups must enter a password to use the machine.
Restricted	I Functions
Administrato	rs can restrict functions and set page limits per user or group.
User List	
Administrato	rs can manage user and group authentication settings.
User List	Password Settings
Minimum Nun	iber of Characters (1-32)
4	
User List	Lockout Settings
Lockout Feat	re
Enabled	
Disable ⁴	
Number of Tr	
Number of Tir	nes for Failed Login Attempt's (1-50)
Number of Tir	nes for Failed Logis Altempt's (1-50)
Number of Tir 5 Locked Time	tes for Pailod Logit Altempt's (1-50) Imreșsi 10-1600)
Number of Tir 5 Locked Time	tes for Falled Logis Alternyth (1-50) Inne(5) 10 1600 100 MBH Theorem Assemblie Market Merent
Number of Tir 5 Locked Time	ses for Y aktor Login, Alterryth (1-60) brne(s) 10-1000) 10-1000
Number of Tir 5 Locked Time Dev	ter for Falled Lugin Alternyth (1-50) Inne(s) 30 - 6000) 10 - 6000
Number of Tir 5 Locked Time Cerr Lockout Unlock all lo	ter for Failed Login Attempts (1-50) Inne(5) 10 1800 DET INF Her Name List Within Remot
Number of Tir 5 Locked Time Cerr Lockout Unlock all Io Storage PC	tes for Falled Logis Alteright (1-50) Inne(3) 15 1000 INF The hand to the face face of the face face of the face face of the face face of the face
Number of Tir 5 Locked Time Gay Lockout Unlock all Io Storage PC	ters for Falled Login Attempts (1-60) Inne(5) 10-1000 10-1000 Med Units - Los in Mysik Nexet Med Units - Print Dala
Number of Time 5 Locked Time Cee Lockout Uniock all Io Storage PC O Off * On	ees for Yaled Login Alternyt's (1-50) 10-1000 10-1000 10-000 MR Hole-Look Lok II fairs Revent. 10-000 Print Data
Number of Time 5 Locked Time Car Lockout Unlock all lo Storage PC O of % On Show Selec	tes for / faled Logis Alterights (1-50) fane(b) 10 1600 and 10 Min / fale Manual Statistics Print Data
Number of Tire 5 Locked Time Cerr Lockout Unlock all to Storage PC O off Show Selec O off	ters for Falled Login Attempts (1-50). 10 1000) 10 1000 10 1000
Number of Tire 5 Locked Time Con Lockout Unlock all lo Storage PC O Off * On Show Select O off * On	ees for Yaled Login Alteringt's (1-50) 10-1000
Number of Tir 5 Locked Time Lockout Unlock all to Storage PC Or Show Selec Or Show Selec	es for failed Logis Absergits (1-50) 10-1000 1
Number of Tir 5 Locked Time Cerr Lockout Unlock all lo Storage PC Off Show Selec Off On Panel Logo	ers for Falled Lagin Abberging (1-60). In mol(3) In m

2.3 Register a User

- 1. Type "http://machine's IP address" in your browser's address bar (where "machine's IP address" is the IP address of the machine or the print server name). For example: http://192.168.1.2.
- If the machine prompts you for a password, type it, and then click [→]
- 3. Click the Administrator tab.
- Click one of the Restricted Functions options in the left navigation bar. If you are configuring Secure Print+ for the first time, click the first Restricted Functions / User Restriction Function option in the list.



5. Type the name of the user profile you want to configure in the **User List / Restricted Functions** column. This is the User ID.

We recommend using the user's Windows login name as the user name.

							Functions						Page Limits	(*)	Pa	ge Cour	nters
User I	List / Restricted Functions	Print*	Copy*	Scan	F	Fax	USB		Web	Connect	Apps*	On	Max. Pages	Color Print	All Co	ounter F	Reset
					Send	Receive	Direct Print*	Scan to	Upload	Download*	<u> </u>		0		Total	B&W	Color
	Public Mode	~	~	~							v		0		0	0	0
1	JOHNSMITH		v			V	~			~			0		0	0	0
2			v				v			~			0		0	0	0
3		~	~	~	v	\checkmark	v	v	~	\checkmark	~		0		0	0	0

- 6. Click Submit.
- 7. Click one of the **User List** options in the left navigation bar. If you are configuring Secure Print+ for the first time, click the first **User List** option in the list.
- 8. Type the new user's name in the first free cell in the **User List** column.

Administrator								
Login Password	Us	ser List						
Restriction Management	PC lo	gin name can be entered ir	n the "User List". Using this method	the device can authenticate users	by their PC login name when p	rinting fro	om a PC.	
Secure Function Lock		Submit OK						
Restricted Functions 1-25		User List	Password	E-mail Address	Card ID (NFC ID)	User L	ist / Restricted Functions	Home Screen
Restricted Functions 26-50	1	SMITHJOHN					01 JOHNSMITH V	Off 🗸
Restricted Functions 51-75	2						•	∽ no
Restricted Functions 76- 100	3						•	Off 🗸
User List 1-25	4						•	• mo
User List 26-50	5							off 🖌
User List 51-75	6						•	off 🖌
User List 76-100	7							Off 🗸

9. Select the same name from the drop-down list in the User List / Restricted Functions column.

Be careful when typing names and IDs. The user cannot be recognized if the user's name is misspelled during registration.

10. Type the user's password in the **Password** column. This password is required when you register the user's ID card on the machine.

2.4 Register an ID Card on the Brother Machine

1. Press the [Public] profile.



2. Press [Change User].

Function Lock	
Change User	

3. Press the user name you just registered in Web Based Management.



4. Enter the PIN you set for the user, and then press [OK].



5. Press the user name.



6. Press [Register Card].

Function Lock	
Go to Public	
Change User	
Register Card	
Change Password	

- Touch the ID card to the NFC symbol (⁽) on the machine's control panel. The machine registers the ID number of the new NFC card.
- 8. Press [OK].

i	Register Card	
		User ID:SMITHJOHN Card ID:XXXXXXXXXXXXX Please touch your card and press [OK] to register.
		ок

2.5 Verify User ID and ID Card

Confirm that the ID card has been assigned correctly in Web Based Management.

- 1. Type "http://machine's IP address" in your browser's address bar (where "machine's IP address" is the IP address of the machine or the print server name). For example: http://192.168.1.2.
- 2. If the machine prompts you for a password, type it, and then click \supseteq .
- 3. Click the Administrator tab.
- 4. Click Secure Function Lock in the left navigation bar.
- 5. Click the User List that contains the user's information.

Administrator									
Login Password	Us	er List							
Restriction Management	PC log	in name can be entered in the "	User List". Using this method	the device can authenticate users	by their PC login name when pri	inting fi	rom a PC.		
Secure Function Lock		User List	Password	E-mail Address	Card ID (NFC ID)	User	List / Restricted Function	s Home Scr	een
Restricted Functions 1-25	1	SMITHJOHN			X0000000000000000000000000000000000000		01 JOHNSMITH V	Off	~
Restricted Functions 26-50	2						•	Off	~
Restricted Functions 51-75	3						•	on	~
Restricted Functions 76- 100	4							Off	~
User List 1-25	5							off	•
User List 26-50	6							Off	~
User List 51-75	7						•	Off	~
User List 76-100	8						v	Off	~
User List 101-125	9						···· •	Off	•
User List 126-150	10						· · · ·	Off	~
User List 151-175	11						v	Off	-
User List 176-200	12							0#	
Last Counter Record	12						•		_
Counter Auto Reset	13							Off	~
Solutions	14						•	Off	~
Card Reader Setting	15							Off	•

- 6. Verify that the ID card is registered with the correct user and that the following are correct:
 - User's ID in the User List
 - Password
 - Card ID (NFC ID)
 - User List / Restricted Functions properties
- 7. Before giving the ID card to the user, test its function on the Brother machine to make sure it is working correctly.

2.6 Test the New ID Card

- 1. Send a secure print job to the machine you configured.
- 2. Touch the ID card to the NFC symbol ($\langle \hat{\nabla} \rangle$) on the machine's control panel to release the print job.

If the job prints

Give the ID card to the user. Select the print retrieval method and optimize print job storage (see section *4. Optional Settings*).

If the job does not print Confirm the following:

- User settings are configured in the machine's Web Based Management screen.
- The User Name is correct in the machine's Web Based Management screen.
- The ID card is registered on the machine.

3. Configuration (Active Directory Mode)

3.1 Requirements

Brother Machine Requirements

- The target machine must support Active Directory[®] Authentication and be compatible with the Secure Print+ software solution's Active Directory Mode. For more information, contact your local Brother office.
- The Secure Print+ software solution must be activated on the target machine.
- The Brother machine must be connected to a network and accessible from a web browser.
- Users must have a Brother native printer driver installed on their computers.

Active Directory Requirements

- An accessible Active Directory server with LDAP protocol support.
- A service (IT) account with a non-expiring password.
- The ability to add NFC card IDs manually into Active Directory.
- An Active Directory Attribute for NFC card ID.
- SNTP synchronization of the date and time between the Brother machine and the Active Directory server.

Card Reader Requirements

- An external NFC card reader for initial registration of the NFC card ID into Active Directory.
- The NFC card ID must match the ID read by the Brother machine.

3.2 Enable Active Directory Authentication

- 1. Start your web browser.
- 2. Type "http://machine's IP address" in your browser's address bar (where "machine's IP address" is the IP address of the machine or the print server name). For example: http://192.168.1.2.
- 3. If the machine prompts you for a password, type it, and then click \supseteq .

 The default login password to manage machine settings is on the back of the machine and marked "Pwd".

We recommend changing the default login password in order to protect your machine from unauthorized access and to make features and software more secure.

- 4. Click the **Administrator** tab.
- 5. Click User Restriction Function (or Restriction Management) in the left navigation bar.

6. Select the Active Directory Authentication radio button, and then click Submit.

Administrator	
Login Password	Restriction Management
Restriction Management	User Restriction Function
Active Directory Authentication	To restrict user access to the machine, first select a preferred User Restriction Function method,
Solutions	and then select the functions you want to restrict in the Setting Lock section.
Card Reader Setting	Secure Function Lock
External Card Reader	CLDAP Authentication

3.3 Enable Print Data Storage

- 1. Click the **Administrator** tab.
- 2. Click Active Directory Authentication.
- 3. Ensure the **Storage PC Print Data** option is enabled, and then click **Submit**.



3.4 Configure Active Directory Settings

1. In the Active Directory Server Address field, type the IP address or Fully Qualified Domain Name (FQDN) of your Active Directory server.

Active Directory Ser	ver Address	
ad.domain.address		
Active Directory Dor	nain Name	
Protocol & Authentic	ation Method	
LDAP + kerberos 🗸		
Get Mail Address		
Off		
On		
Get User's Home Dir	ectory	
or		
On		
LDAP Server Port		
389		
LDAP Search Root		
If your server supports L If there are multiple cano	DAPv3 then you can auto idates available, you will l	matically search for candidates by pressing the "Fetch DNs" butto be able to select the one you want to use from the drop down mer

If you are using the FQDN name, configure the DNS settings under **Network > Wired** or **Wireless > Advanced Settings**.

2. Specify the Active Directory Domain Name (also known as the NETBIOS name).

Ø

Active Dir	rectory Server Settings
Active Direc	ctory Server Address
ad.domain.a	ddress
Active Direc	ctory Domain Name
cn	
Protocol &	Authentication Method
LDAP + ker	beros 🗸
Get Mail Ad	dress
© Off ⊖ On	
Get User's I	Home Directory
Ooff	
• On	
LDAP Serve	er Port
389	
LDAP Searc	ch Root
If your server If there are mi	supports LDAPv3 then you can automatically search for candidates by pressing the "Fetch DNs" button. ultiple candidates available, you will be able to select the one you want to use from the drop down menu.
Fetch DNs	
	<u></u>
	▼

 Select the protocol and authentication method used by your Active Directory server. The standard setting is "LDAP + kerberos". If you selected any other authentication method, go to step 6.

Active Directo	Server Address
ad.domain.addr	35
Active Directo	/ Domain Name
cn	
Protocol & Aut	entication Method
Get Mail Addre	S
Off	
On	
Get User's Hor	e Directory
Ooff	
On	
LDAP Server F	rt
389	
LDAP Search I	pot
If your server sup If there are multip	ors LDAPv3 then you can automatically search for candidates by pressing the "Fetch DNs" button e candidates available, you will be able to select the one you want to use from the drop down men
Fetch DNs	

4. Specify the LDAP Server Port number (Default: 389).

A	ctive Directory Server Settings
Ac	tive Directory Server Address
a	d.domain.address
Ac	tive Directory Domain Name
C	n
Pr	otocol & Authentication Method DAP + kerberos •
Ge	et Mail Address Off On
Ge	st User's Home Directory orr
LC 3	DAP Server Port 89
LC)AP Search Root
lf y If ti	our server supports LDAPV3 then you can automatically search for candidates by pressing the "Fetch DNs" button. here are multiple candidates available, you will be able to select the one you want to use from the drop down menu.
F	-etch DNs

5. Specify the **LDAP Search Root** to indicate the part of your Active Directory server with which the Brother machine needs to communicate.

Active Directory S	erver Address
ad.domain.address	
Active Directory D	omain Name
cn	
Protocol & Auther	tication Method
LDAP + kerberos V	
Get Mail Address	
Off	
Get User's Home ◯ Off ◉ On	lirectory
LDAP Server Port	
LDAP Search Roo	t
If your server support If there are multiple of	. LDAPv3 then you can automatically search for candidates by pressing the "Fetch DNs" button. andidates available, you will be able to select the one you want to use from the drop down menu.

Most modern Active Directory servers can help you configure this. Click the **Fetch DNs** button and then select the LDAP search root you want from the list.

6. Click Submit.

Ø

3.5 Configure LDAP Settings

- 1. Click the **Administrator** tab.
- 2. Click Active Directory Authentication.
- 3. Click LDAP.

389	
LDAP Sear	ch Root
If your server by pressing t will be able to	supports LDAPv3 then you can automatically search for candidates he "Fetch DNs" button. If there are multiple candidates available, you o select the one you want to use from the drop down menu.
Fetch DNs	
	~
<u>SNTP>></u>	~
<u>SNTP>></u> Panel Logo	vut Time>>

4. Enable the LDAP Search option.

LDAP Search	
● Off	
⊖On	
Quick Settings	
LDAP Server Addr	855
Port	
389	
Search Root	
If your server supports	LDAPv3 then you can automatically search for candidates by pressing the "Fetch DNs" button.
If there are multiple ca	LDAPv3 then you can automatically search for candidates by pressing the "Fetch DNs" button. ndidates available, you will be able to select the one you want to use from the drop down menu
If your server supports If there are multiple ca Fetch DNs	LDAPv3 then you can automatically search for candidates by pressing the "Fetch DNs" button. ndidates available, you will be able to select the one you want to use from the drop down menu
If your server supports If there are multiple ca Fetch DNs	LDAPv3 then you can automatically search for candidates by pressing the "Felch DNs" button ndidates available, you will be able to select the one you want to use from the drop down menu
If your server support If there are multiple ca Fetch DNs	LDAPv3 then you can automatically search for candidates by pressing the "Felch DNs" button. ndidates available, you will be able to select the one you want to use from the drop down menu v
Fetch DNs	LDAPv3 then you can automatically search for candidates by pressing the "Felch DNs" button. ndidates available, you will be able to select the one you want to use from the drop down menu v
Fit your server support If there are multiple ca Fetch DNs Authentication	LDAPv3 then you can automatically search for candidates by pressing the "Fetch DNe" button ndidates available, you will be able to select the one you want to use from the drop down menu v
Figure Server supports If there are multiple ca Fetch DNS Authentication © Simple Automatication	LDAPv3 then you can automatically search for candidates by pressing the "Fetch DNs" button ndidates available, you will be able to select the one you want to use from the drop down menu
If your server support: If there are multiple ca Fetch DNs Authentication Simple Anonymous Kerterres	LDAP43 then you can automatically search for candidates by pressing the "Fetch DNs" button ndidates available, you will be able to select the one you want to use from the drop down menu
Four server subport from the end of	LDAP46 then you can automatically search for candidates by pressing the "Fetch DNe" button ndidates available, you will be able to select the one you want to use from the drop down menu
If Your server support (If there are multiple ca Fetch DNs Authentication © Simple Anonymous Kerberos Username	LDAP45 then you can automatically search for candidates by pressing the "Fetch DNe" button ndidates available, you will be able to select the one you want to use from the drop down menu v
If Your server supports Fetch DNs Fetch DNs Simple Authentication Simple Anonymous Kerberos Username	I DAP-Q then you can automatically search for candidates by pressing the "Fetch DMs" button ndidates available, you will be able to select the one you want to use from the drop down menu
II your server supports II were are multiple or Fetch DNs Authentication © Simple Anonymous > Kerberos Username	LDAP45 then you can automatically search for candidates by pressing the "Fetch DNs" button ndidates available, you will be able to select the one you want to use from the drop down menu
II your server support Fetch DNs Authentication Simple Anonymous Kerbers Username Password	LDAP49 then you can automatically search for candidates by pressing the "Fetch DNs" button ndidates available, you will be able to select the one you want to use from the drop down menu
If your server support Fetch DNs Authentication Simple Anonymous Kerbers Username Password Enter password	LDAP45 then you can automatically search for candidates by pressing the "Fetch DNs" button ndidates available, you will be able to select the one you want to use from the drop down menu
If your server support If there are multiple ca Fetch DNs Authentication ® Simple Anonymous Kerberos Username Password Enter password	LDAP4 then you can automatically search for candidates by pressing the "Fetch DNs" button ndidates available, you will be able to select the one you want to use from the drop down menu
If your server supports If your server supports Fetch DNs Authentication Simple Anonymous Aconymous Kerrame Password Enter password	LDAP4 then you can automatically search for candidates by pressing the "Fetch DNe" button ndidates available, you will be able to select the one you want to use from the drop down menu
II your server support Fetch DNs Authentication Simple Anonymous Kerbers Username Password Enter password	LDAP45 then you can automatically search for candidates by pressing the "Fetch DNs" button ndidates available, you will be able to select the one you want to use from the drop down menu

5. In the **LDAP Server Address** field, type the IP address or Fully Qualified Domain Name (FQDN) of your Active Directory server (1 – 64 ASCII characters). For example: 192.0.0.1, Idap.example.net.

LDAP Search	
Ooff	
On	
Quick Settings	
LDAP Server Address	
ad.domain.address	
Port	
389	
Search Root	then you can automatically search for candidates by pressing the "Fetch DNs" butt
Search Root If your server supports LDAPv3 If there are multiple candidates	then you can automatically search for candidates by pressing the "Fetch DNs" butt available, you will be able to select the one you want to use from the drop down me
Search Root If your server supports LDAPv3 If there are multiple candidates Fetch DNs	then you can automatically search for candidates by pressing the "Fetch DNs" butt available, you will be able to select the one you want to use from the drop down me
Search Root If your server supports LDAPv3 If there are multiple candidates Fetch DNs	then you can automatically search for candidates by pressing the "Fetch DNa" but available, you will be able to select the one you want to use from the drop down me
Search Root If your server supports LDAPv3 If there are multiple candidates Fetch DNs	then you can automatically search for candidates by pressing the "Felch DNs" but available, you will be able to select the one you want to use from the drop down me
Search Root If your server supports LDAPv3 If there are multiple candidates Fetch DNS Authentication	then you can automatically search for candidates by pressing the "Fetch DNs" butt available, you will be able to select the one you want to use from the drop down me
Search Root If your server supports LDAPV3 If there are multiple candidates Fetch DNS Authentication Simple	then you can automatically search for candidates by pressing the "Fetch DNa" but available, you will be able to select the one you want to use from the drop down me
Search Root If your server supports LDAPv3 If there are multiple candidates Fetch DNs Authentication Simple Anonymous	then you can automatically search for candidates by pressing the "Felch DNs" but available, you will be able to select the one you want to use from the drop down me
Search Root If your server supports LDAPv3 If there are multiple candidates Fetch DNs Authentication Simple Anonymous Kerberos	then you can automatically search for candidates by pressing the "Fetch DNs" butt available, you will be able to select the one you want to use from the drop down me
Search Root If your server supports LDAPv3 If there are multiple candidates Fetch DNs Authentication Simple Anonymous Kerberos Username	then you can automatically search for candidates by pressing the "Fetch DNs" butt available, you will be able to select the one you want to use from the drop down me
Search Root If your server supports LDAPV3 If there are multiple candidates Fetch DNs Fetch DNs Authentication Simple Anonymous Kerberos Username	then you can automatically search for candidates by pressing the "Fetch DNs" but available, you will be able to select the one you want to use from the drop down me
Search Root	then you can automatically search for candidates by pressing the "Fetch DNs" butt available, you will be able to select the one you want to use from the drop down me
Search Root	then you can automatically search for candidates by pressing the "Fetch DNs" but available, you will be able to select the one you want to use from the drop down me
Search Root	then you can automatically search for candidates by pressing the "Fetch DNs" but available, you will be able to select the one you want to use from the drop down me
Search Root If your server supports LDAPV3 If here are multiple candidates Fetch DNS Authentication Simple Anonymous Kerberos Username Password Enter password	then you can automatically search for candidates by pressing the "Fetch DNa" butt available, you will be able to select the one you want to use from the drop down me

If you are using the FQDN name, configure the DNS settings under **Network > Wired** or **Wireless > Advanced Settings**.

6. Specify the **Port** number (1 – 65535, Default: 389).

Ø

DAD Search		
LDAP Search		
00π 		
eon		
Quick Settings		
LDAP Server Addre	ess	
ad.domain.address		
Port		
389		
Search Root		
Fetch DNs	~	
Authentication		
Simple		
Anonymous		
○ Kerberos		
Username		
Password		
Password Enter password		
Password Enter password		
Password Enter password		

 Specify the Search Root option to indicate the part of your Active Directory server with which the Brother machine needs to communicate (1 – 255 UTF8 characters). For example: dc = example, ou = sales, o = company.

LDAP Search				
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Most modern AD servers can help you configure this. Click the **Fetch DNs** button and then select the LDAP search root you want from the list.

8. Select the Authentication method to connect to the LDAP server.

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LDAP Search	
on	
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Quick Settings	
LDAP Server Addres	S
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9. Depending on the authentication method you selected, do the following:

For "Anonymous" Go to step 10.

For "Simple"

- a. Type the Username and Password of the service account as follows:
 - Username: ID name (cn = admin, ou = sales, o = company) (1 255 UTF8 characters)
 - Password: Your service account password (1 32 UTF8 characters)
- b. Go to step 10.

For "Kerberos"

- a. Type the Username and Password of the service account as follows:
 - Username: username@domain (1 255 UTF8 characters)
 - Password: Your service account password (1 32 UTF8 characters)
- b. (Optional) To use a server other than the LDAP server, clear the Kerberos Server is the same as LDAP Server check box, and then type the host name or IP address of the Kerberos server in the Kerberos Server Address field (1 – 64 ASCII characters).

Password			
Enter passwo	ď		
Retype passw	ord		
Kerberos Se	erver Address		_
Kerberos S	erver is the same	as LDAP Server	

- c. Go to step 10.
- 10. Specify the search key necessary to connect to the LDAP server (the NFC card ID in Active Directory) in the **Attribute of Card ID (Search Key)** field (1 64 ASCII characters).

L		
Attribute o	of Name	
cn		

11. Specify the attribute name necessary to connect to the LDAP server in the **Attribute of Name** field (1 – 64 ASCII characters, default: cn).

Attribute of Name	
	ute of Name
cn	

12. Click Submit.

If the configuration is successful

The Brother machine returns a search query from the LDAP address book, for example a user's email address.

If the configuration is unsuccessful

The machine shows the appropriate error message. For more information, see section 6. Troubleshooting.

3.6 Configure the Card Reader Settings

- 1. Click the Administrator tab.
- 2. Click Card Reader Setting.

USB card reader support	
● Off	
⊖ On	
Internal NFC reader	
om	
® On	
NFC Reader	
Supported Types	
All	
NFC Data Format	
Notation	
Decimal	
OHexadecimal	
Byte Order	
Normal	
OReverse	
Limit Data Length	
Add Loading Character	
Add Leading Character	

If you use an external card reader Enable **USB card reader support**.

If you use an internal card reader

- a. Enable Internal NFC reader.
- b. Select the supported types of the internal NFC card reader from the **Supported Types** drop-down list (ALL/MIFARE/my-d/Tag-it/ICODE/FeliCa, Default: ALL).
- c. Specify the Notation format of the card ID obtained by the internal NFC card reader and then submitted to the server (Decimal/Hexadecimal, Default: Decimal).
- d. Specify the Byte Order of the card ID obtained by the internal NFC card reader (Normal/Reverse, Default: Normal).
- e. Specify the maximum data length of the card ID obtained by the internal NFC card reader and submitted to the server in the **Limit Data Length** field (1 255, Default: 20).
- f. (Optional) Specify the prefix of the card ID obtained by the internal NFC card reader in the Add Leading Character field (1 – 20 ASCII characters, Default: blank).
- g. (Optional) Specify the suffix of the card ID obtained by the internal NFC card reader in the **Add Trailing Character** field (1 20 ASCII characters, Default: blank).
- 3. Click Submit.
- 4. Before you give the ID card to the user, test the function to make sure it is working correctly. Go to section 3.7 Test the New ID Card.

3.7 Test the New ID Card

- 1. Send a secure print job to the machine you configured.
- 2. Touch the ID card to the NFC symbol (\heartsuit) on the machine's control panel to release the print job.

If the job prints

Give the ID card to the user. Select the print retrieval method and optimize print job storage (see section *4. Optional Settings*).

If the job does not print Confirm the following:

- The ID registered in Active Directory matches the NFC card's ID.
- User settings are configured in the machine's Web Based Management screen.

4. Optional Settings

4.1 Enable the Job List

Enable the print job list so users are required to select their secure print jobs instead of allowing the machine to release them automatically.

Select Job	
✓ test_1.docx	Delete
test_2.docx	Select All
	Print

Access the print job list from the machine's control panel by pressing **Secure Print** on either the **Home Screen** or the **Functions** screen.

- 1. Start your web browser.
- 2. Type "http://machine's IP address" in your browser's address bar (where "machine's IP address" is the IP address of the machine or the print server name). For example: http://192.168.1.2.
- 3. If the machine prompts you for a password, type it, and then click [▶].
 - The default login password to manage machine settings is on the back of the machine and marked "Pwd".
 - We recommend changing the default login password in order to protect your machine from unauthorized access and to make features and software more secure.
- 4. Click the Administrator tab.
- 5. Click Active Directory Authentication.
- 6. Turn the **Show Select Job** function on.

Show Sel	ect Job
Off	
On	
Storage F	ax RX Dat
Storage F	ax RX Dat

7. Click Submit.

4.2 Purge Uncollected Jobs

We recommend optimizing Secure Print+ to avoid running out of memory on your Brother machine. If the machine's memory is full, the machine stops printing and does not accept any new secure print jobs. Configure your machine to purge any uncollected print jobs from its memory.

- 1. Start your web browser.
- 2. Type "http://machine's IP address" in your browser's address bar (where "machine's IP address" is the IP address of the machine or the print server name). For example: http://192.168.1.2.
- 3. If the machine prompts you for a password, type it, and then click \supseteq .
- 4. Click the Administrator tab.
- 5. Click Stored Print Jobs in the left navigation bar and configure the Stored Print Jobs settings.

Iministrator	
Login Password	Stored Print Jobs
Restriction Management	Schedule automatic deletion of stored print jobs.
Secure Function Lock	Auto Delete
Restricted Functions 1-25	® 0ff O 0n
Restricted Functions 26-50	
Restricted Functions 51-75	Day
Restricted Functions 76- 100	0 day(s)
User List 1-25	Time
User List 26-50	0 hour(s)
User List 51-75	Prioritize print job deletion if the storage limit has been reached and a new print job is received. Select "Stored Job" to delete the latest uncollected print job or "New Job" to delete the oldest stored print job.
User List 76-100	Priority
User List 101-125	® Stored Job
User List 126-150	⊖ New job
User List 151-175	Memory Capacity Available
User List 176-200	100%
Last Counter Record	
Counter Auto Reset	200
Solutions	No. of stored print john
Card Reader Setting	0
External Card Reader	Total remaining
Store Print Log to Network	200 (Maximum)
	Stored Job List>>
	Cancel Submit

Setting	Description
Auto Delete	Specify the time when stored print jobs should be deleted from the machine.
Priority	 Specify the priority for deleting jobs: <u>New job</u> If a new print job is received, the last uncollected print job will be deleted. <u>Stored job</u> If a new print job is received, the first uncollected print job will be deleted.

6. Click Submit.

If you do not want to use Web Based Management, turn the machine off and then on again to purge any uncollected print jobs.

5. Usage

- 5.1 If the Job List is Disabled
- 5.2 If the Job List is Enabled

5.1 If the Job List is Disabled

- 1. Send a secure print job to your Brother machine.
- 2. Touch your ID card to the NFC symbol ($\textcircled{\baselineskip}$) on the machine's control panel.
- 3. Your user name appears in the top left corner and your print job is released.



5.2 If the Job List is Enabled

- 5.2.1 If the print job is sent before you log into the machine
- 5.2.2 If you are already logged into the machine and then send a print job

5.2.1 If the print job is sent before you log into the machine

- 1. Send a secure print job to your Brother machine.
- 2. Touch your ID card to the NFC symbol ($\textcircled{\circ}$) on the machine's control panel.
- 3. Select the print job you want, and then press Print.



5.2.2 If you are already logged into the machine and then send a print job

- 1. Send a secure print job to your Brother machine.
- 2. On the Home Screen, press the Secure Print+ icon.



3. Select the print job you want, and then press [Print].

Ø

Select Job	
✓ test_1.docx	Delete
test_2.docx	Select All
	Print

- Print jobs are stored in the machine's memory only until the job is released. Secure print jobs cannot be collected from other machines.
 - If an unauthorized user tries to print a secure job, an error notification appears.
 - If you restart the machine, all secure print jobs are automatically deleted and must be sent again.
 - Use the Counter Auto Reset function to periodically reset the machine's print job counter:
 - a. Go to Administrator > Secure Function Lock and select Counter Auto Reset.
 - b. Set the frequency of the page counter reset (daily, weekly, or monthly).
 - c. Specify the time when the page counter will be reset, and then click **Submit**.

The Counter Auto Reset function applies to all registered users.

6. Troubleshooting

6.1 General

Error	Solution
No Data Stored	No jobs are stored in the machine's memory. Send a print job to the machine.
Out of Memory	Clear the error by pressing [X], and then turn the machine off and on again. Secure Print+ uses between 20% and 30% of the Brother machine's memory. If the number or size of unreleased documents exceeds the machine's memory, the machine stops printing and does not accept any new jobs.

6.2 Active Directory

Error	Solution
LDAP error	 Make sure the domain controller is configured correctly and connected to the network. Make sure the machine is connected to the network.
Server time out	 Domain controller does not exist. Domain controller did not connect to network. Make sure the machine is connected to the network.
Authentication error	 Make sure the service account's username and password are correct. Make sure the "Attribute of Card ID" in the LDAP settings is correct. Make sure the machine's date and time are set correctly.
Wrong date and time	Make sure the machine's date and time are set correctly.
Internal error	 Make sure the machine is connected to the network. Make sure all settings are configured correctly. Restart the machine.
Server busy	The server is busy. Try again later.



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