



NX Register Tool LE

User Manual

Revision history

date	edition	Revision details
October 31, 2025	1.0	Release

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At first

use

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Trademarks

Copyright

About Open Source Software

At first

NX Register Tool LE is a tool that runs on a PC and allows you to register/delete IC cards used to lock/unlock the target storage, register/delete user passwords, register/delete access points, set comments on SSDs, and save security logs to your PC.

Up to 20 IC cards, up to 20 user passwords, and up to 20 access points can be registered in a single storage.

Eligible Storage

NX-PFS1PRO Series

[Supported OS]

Windows 11 Home*1

Windows 11 Pro*1

Windows 11 Enterprise*1

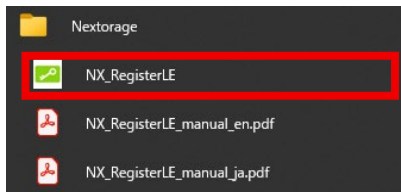
*1: Operation on computers with ARM processors is not guaranteed

use

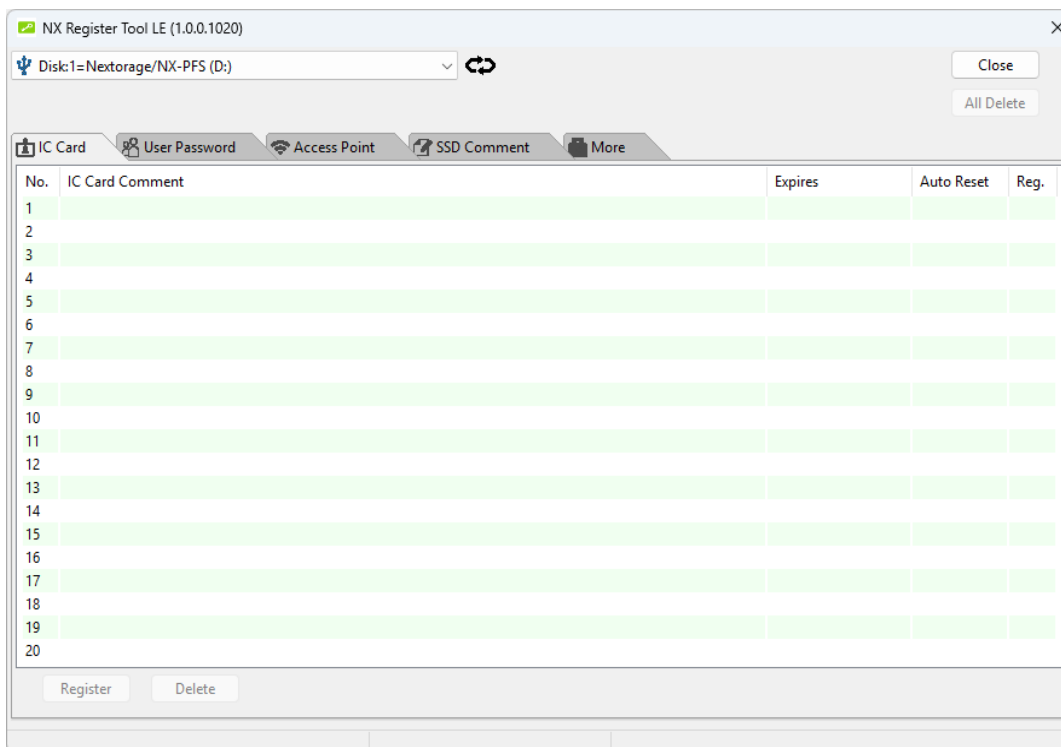
■ Start and Exit

1. Start NX Register Tool LE

NX Register Tool LE is registered in the Windows Start menu during installation. Select NX Register Tool LE from the Start menu to launch it.



Once launched, the main window will open.



2. Quit the NX Register Tool

If you want to exit the NX Register Tool, press the close button.

NX Register Tool LE (1.0.0.1020)

Disk:1=Nextorage/NX-PFS (D:) 

Close

All Delete

IC Card **User Password** **Access Point** **SSD Comment** **More**

No.	IC Card Comment	Expires	Auto Reset	Reg.
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

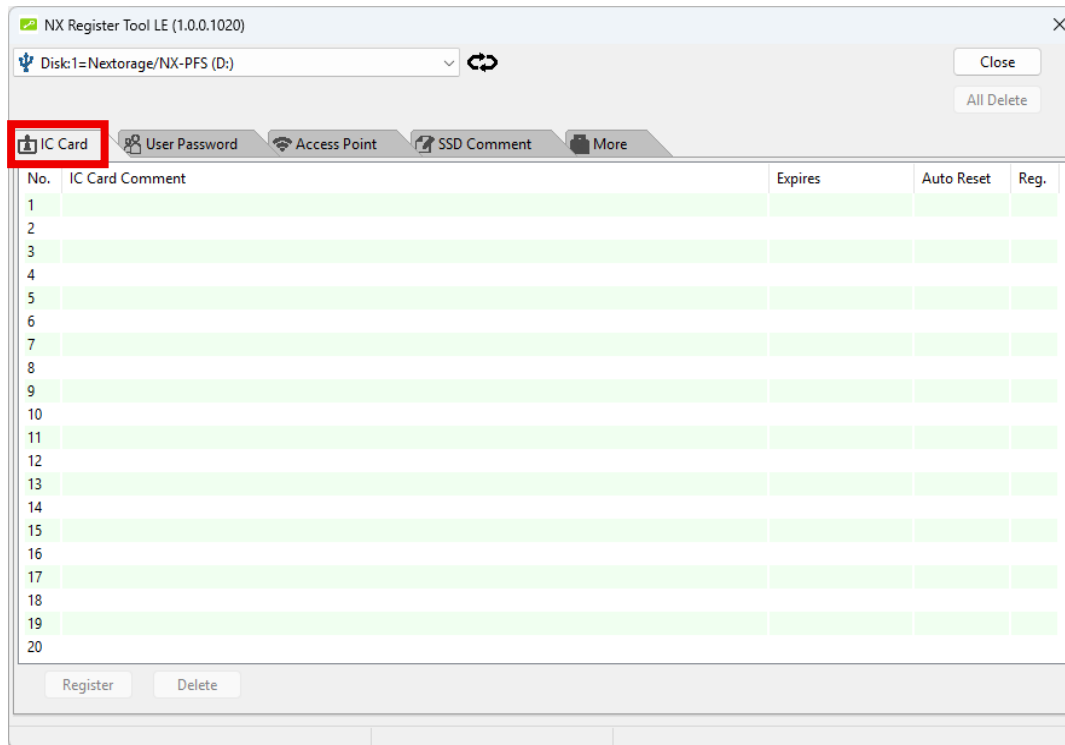
Register **Delete**

■ IC Card Registration

Register the IC card to be unlocked. The number of tickets that can be registered is 20.

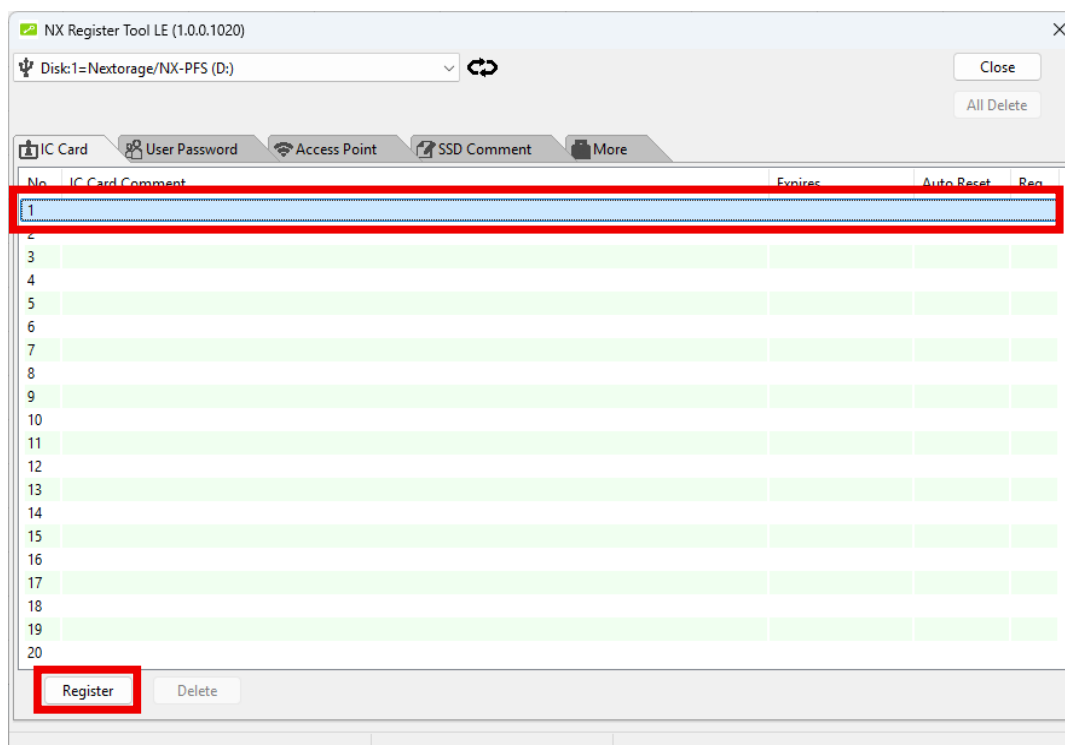
1. View IC Card Page

From the main window, select the IC card tab.



2. Select the IC card registration location

From the window, select the row without an "X" in the registration column on the far right and press the register button.



3. IC card registration and comment settings

The IC card registration screen opens, and a message saying "Please place the IC card on the SSD" is displayed.

When you hold the IC card you want to register over the IC card touch position on the SSD, the IC card registration will be recognized.

Please note that it is not possible to double-register an already registered IC card.

If 60 seconds have elapsed without detecting the IC card, the standby time will expire. In this case, return to the main screen and restart the registration process.

On the IC card registration screen, you can set any comment and the number of validity days.

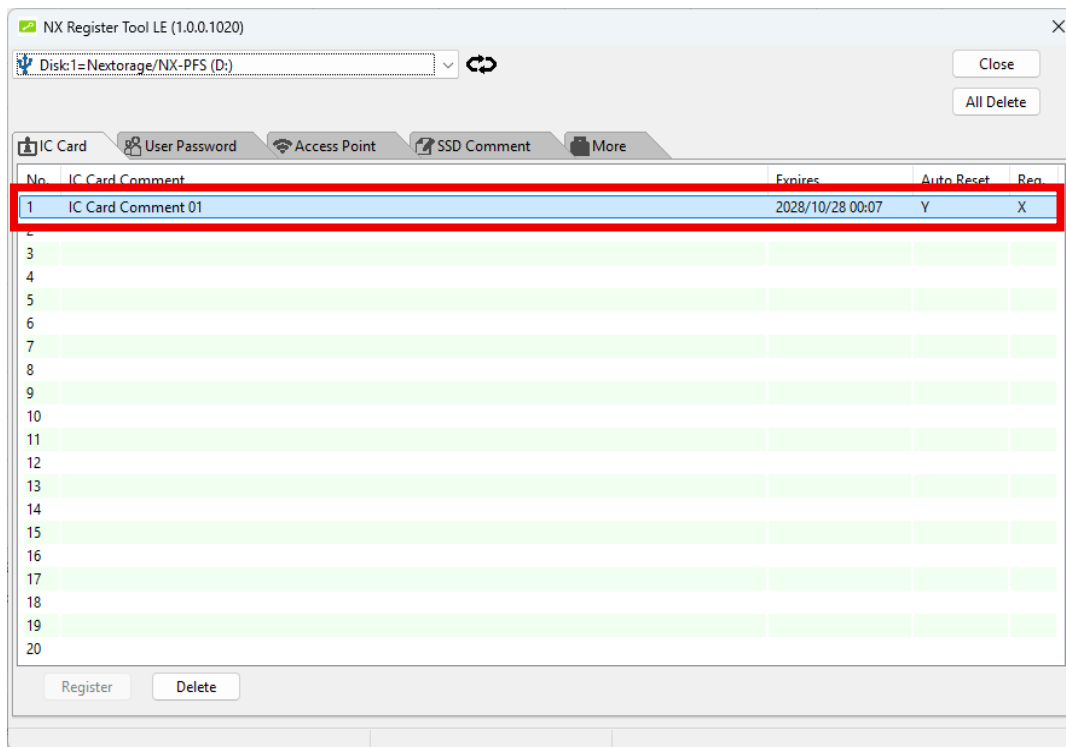
The image displays two side-by-side screenshots of the 'IC Card Registration' dialog box. Both windows have a light blue header and a light gray body. The left window shows the initial state with the text 'Put the IC card on the SSD.' and 'Time Left : 59 second'. Below this is a 'Comment' text input field, followed by an 'Effective Days' section with a checkbox and a spinner set to '0 days (Within 3 years)', and an 'Auto Reset' checkbox. At the bottom are 'OK' and 'Cancel' buttons. The right window shows the state after a new IC card is detected, with the text 'New IC card is detected.' and a cursor in the 'Comment' field. The 'Effective Days' and 'Auto Reset' options are identical. In this window, the 'OK' button is highlighted with a red rectangular box.

Finally, press the OK button to register the IC card in storage.

If storage security is disabled, storage security is enabled at this point.

With security enabled, you can't access your data unless you temporarily release it with the release key.

(It is unlocked when the IC card registration process is completed, and it is locked when the storage is disconnected from the PC.)

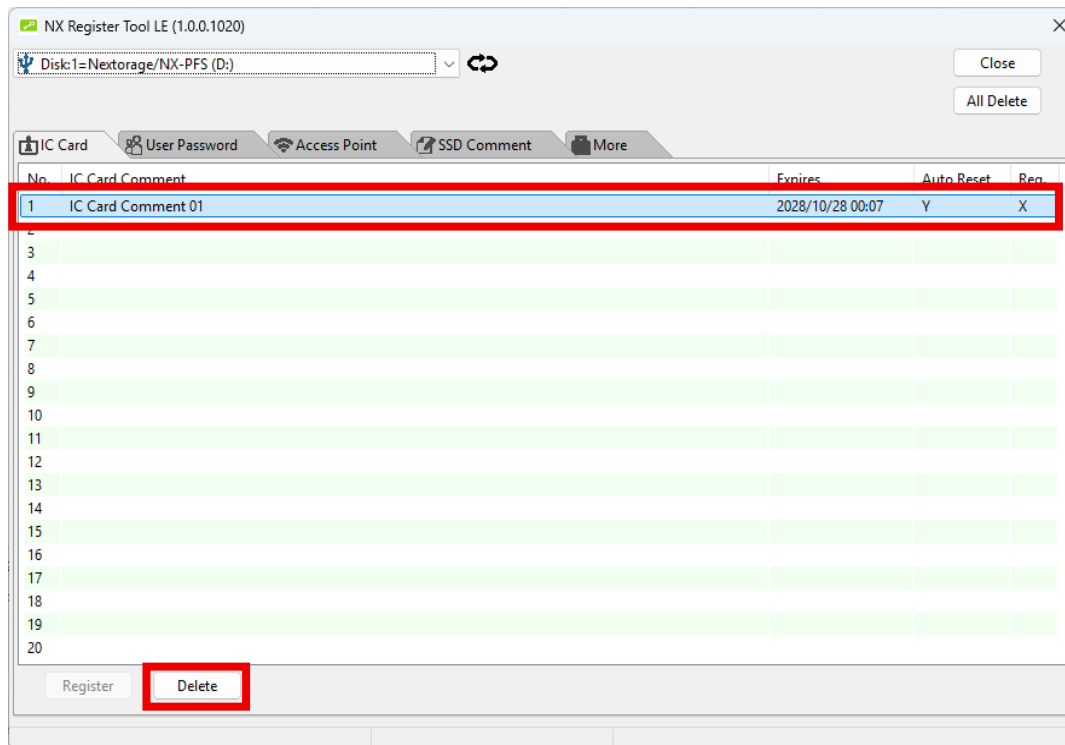


■ Deleting IC Cards

Delete the IC card you want to unlock.

1. Select the IC card you want to delete

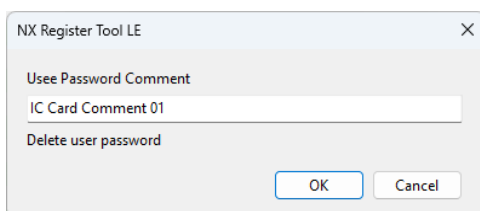
From the main window, select the row of the IC card you want to delete and press the delete button.



2. Deleting IC Cards

The IC card deletion confirmation screen will open.

The registered IC card comment will be displayed, so make sure that it is the IC card to be deleted.



If you press the OK button on the IC card deletion confirmation screen, the IC card registration information will be deleted and the target line in the main window will be blank.

NX Register Tool LE (1.0.0.1020)

×

🔌 Disk1=Nextorage/NX-PFS (D:)

↻

Close

All Delete

IC Card

User Password

Access Point

SSD Comment

More

No.	IC Card Comment	Expires	Auto Reset	Reg
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Register

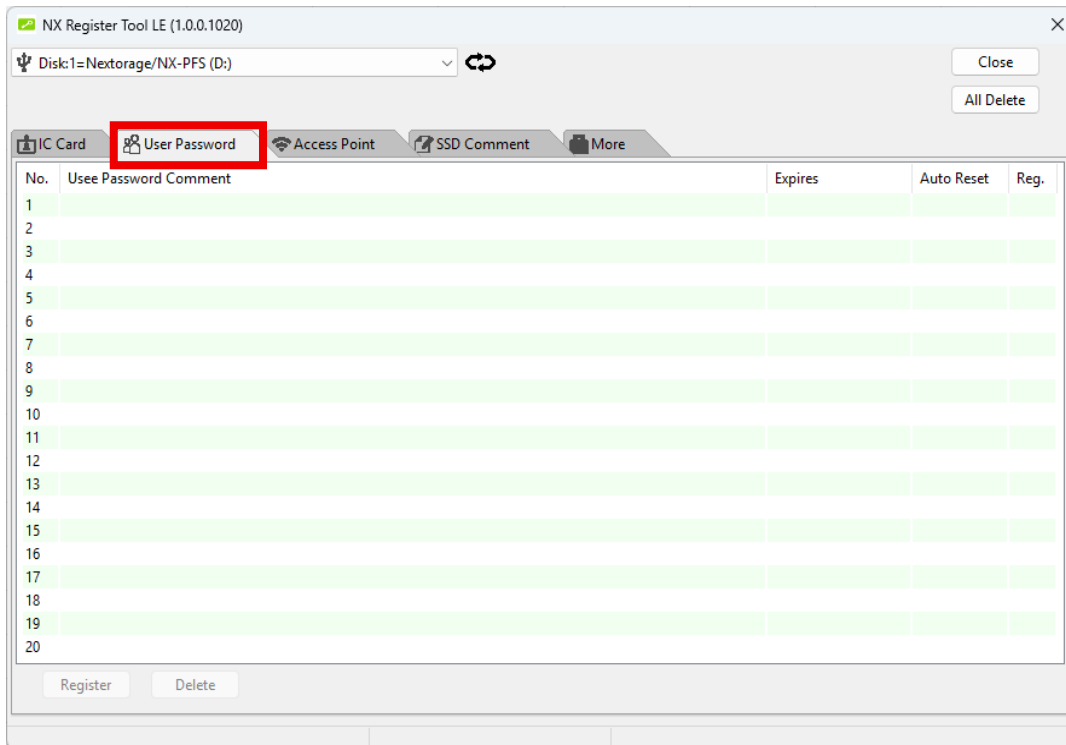
Delete

■ User password registration

Register a user password to unlock security. The number of registrations is 20.

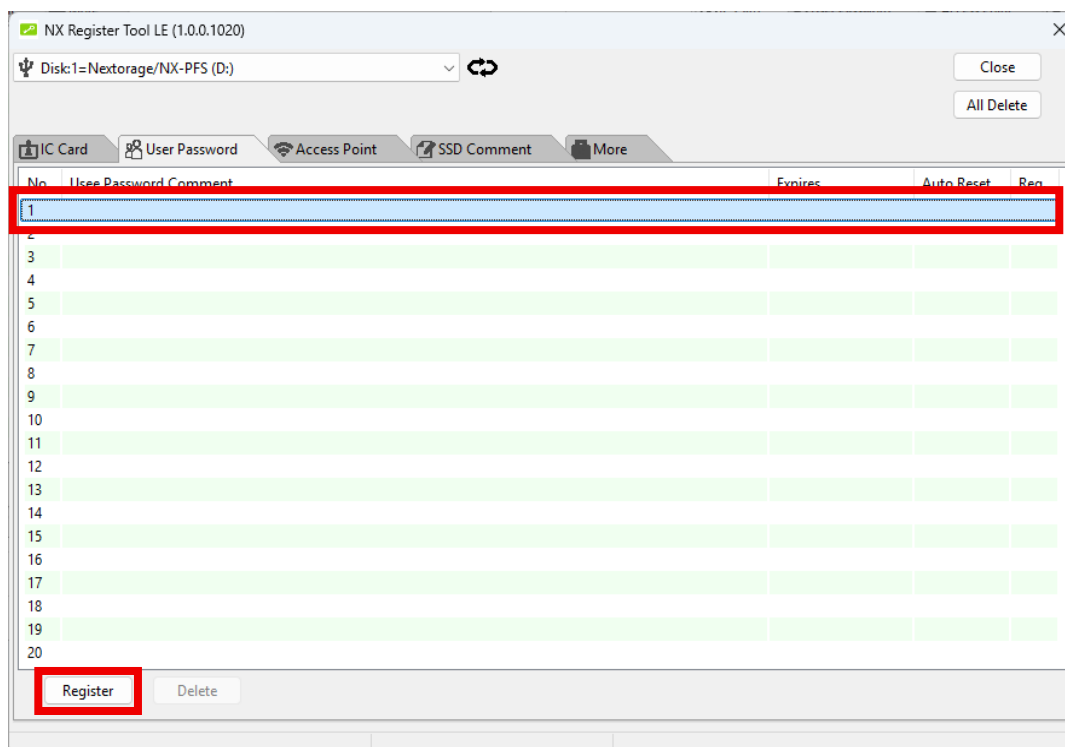
1. View user passwords

From the main window, select the tab for user passwords.



2. Select the user password registration location

From the window, select the row without an "X" in the registration column on the far right and press the register button.



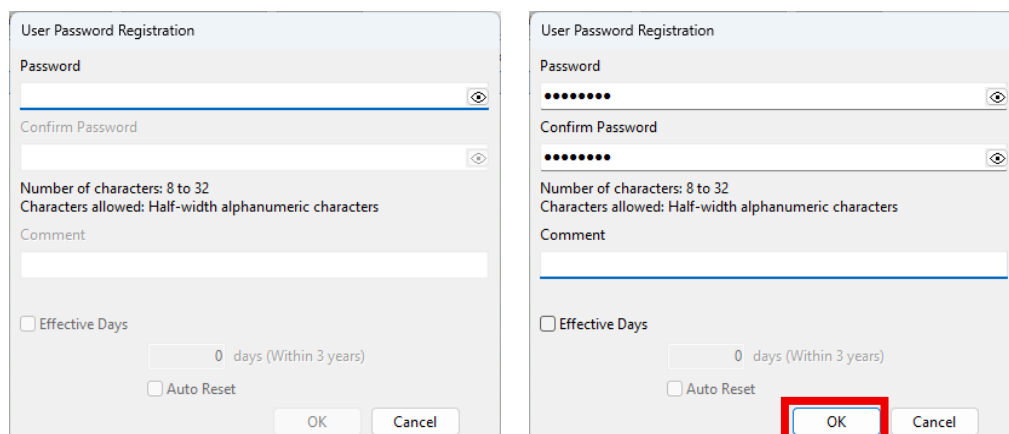
3. User password registration and comment settings

The user password registration screen opens.

Please enter the user password you want to register in the password field and the password (confirmation) field.

If the contents of the password field and the password (confirmation) field are different, you will not be able to register.

On the user password registration screen, you can set any comment and the number of days it is valid.



Left Screenshot: User Password Registration dialog box. Fields: Password, Confirm Password, Comment. Settings: Number of characters: 8 to 32, Characters allowed: Half-width alphanumeric characters. Effective Days: 0 days (Within 3 years). Auto Reset: unchecked. Buttons: OK, Cancel.

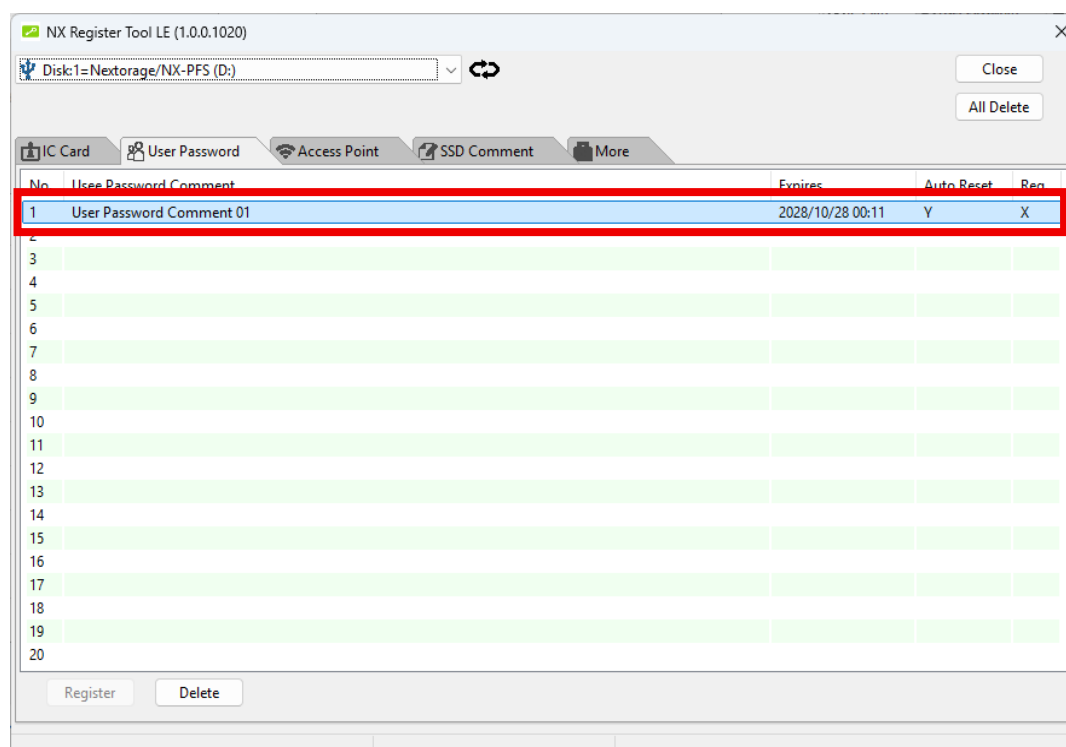
Right Screenshot: User Password Registration dialog box. Fields: Password, Confirm Password, Comment. Settings: Number of characters: 8 to 32, Characters allowed: Half-width alphanumeric characters. Effective Days: 0 days (Within 3 years). Auto Reset: unchecked. Buttons: OK, Cancel. The OK button is highlighted with a red rectangle.

Finally, press the OK button to register the user password in storage.

If storage security is disabled, storage security is enabled at this point.

When security is enabled, you can't access your data unless you temporarily unlock it with the unlock key.

(It is unlocked when the user password registration process is completed, and is locked when the storage is disconnected from the PC.)



NX Register Tool LE (1.0.0.1020)

Disk:1=Nextorage/NX-PFS (D:)

Close

All Delete

IC Card User Password Access Point SSD Comment More

No.	User Password Comment	Expires	Auto Reset	Reg
1	User Password Comment 01	2028/10/28 00:11	Y	X
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

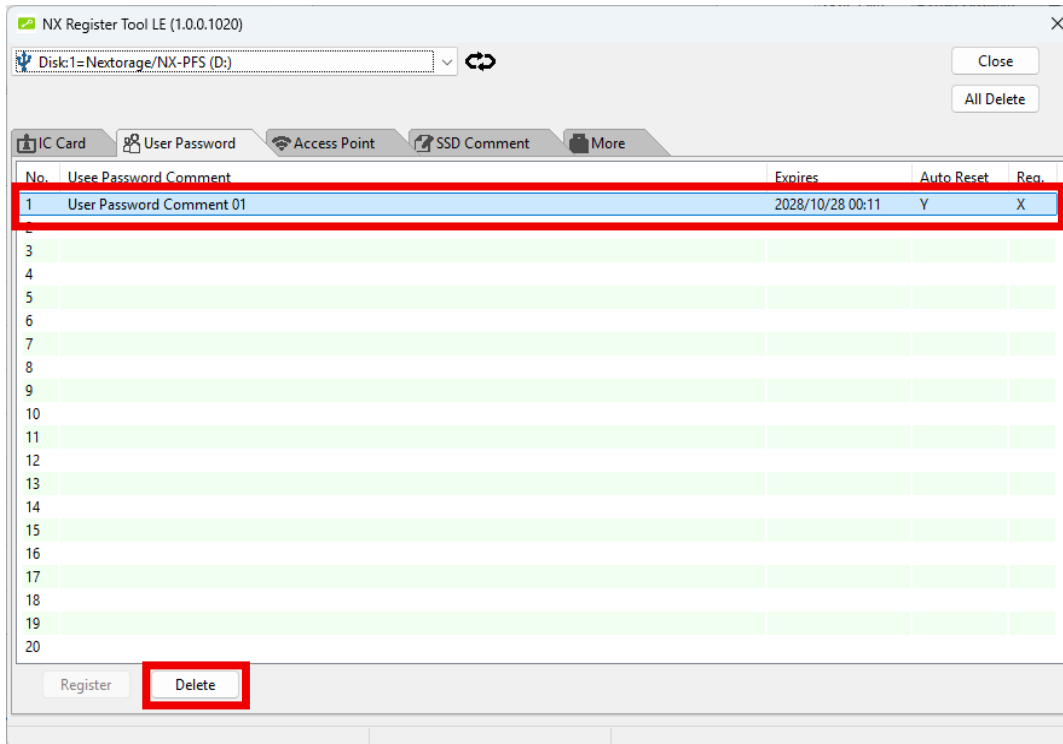
Register Delete

■ Deleting User Passwords

Remove the user password that unlocks security.

1. Select the user password you want to remove

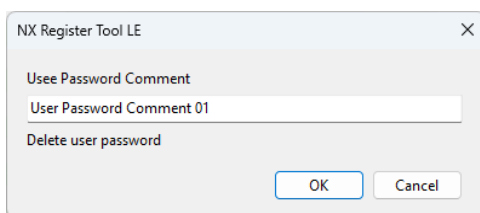
From the main window, select the row of user passwords you want to delete and press the delete button.



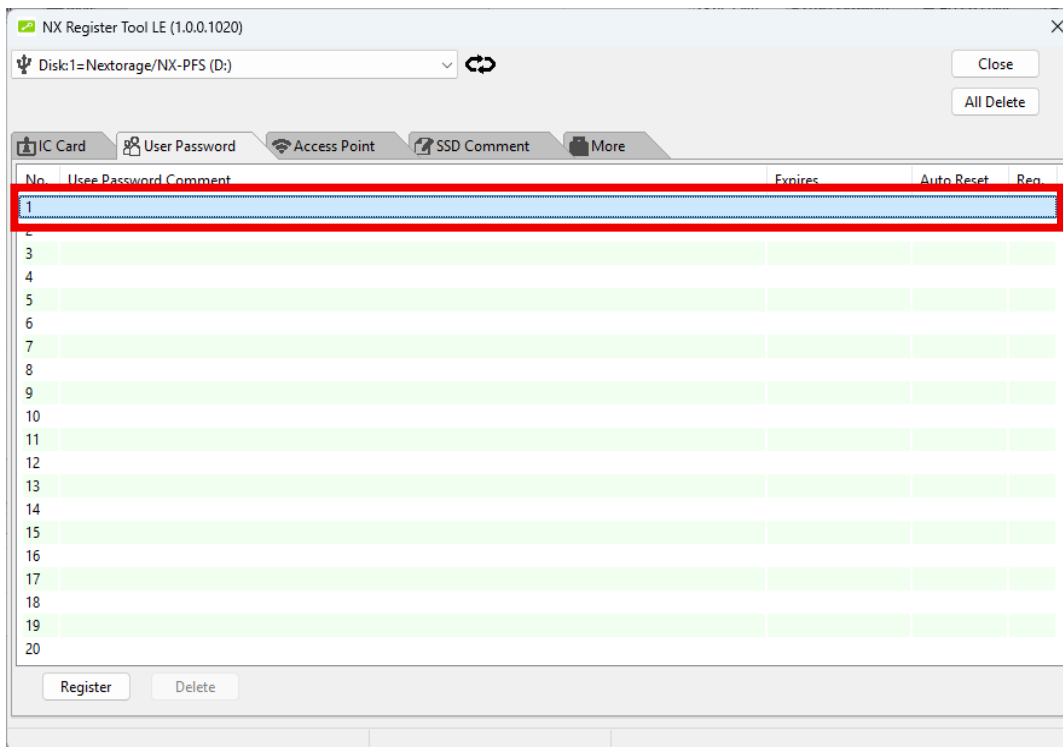
2. Delete User Password

The user password deletion confirmation screen opens.

The registered user password comment will be displayed, so make sure that it is the user password to be deleted.



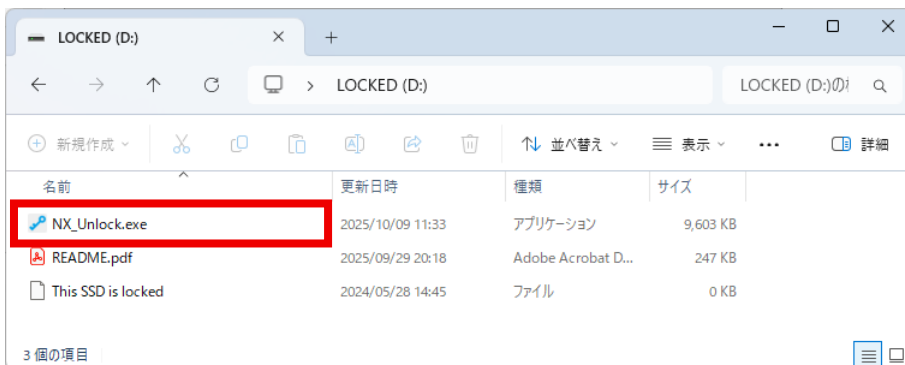
If you press the OK button on the user password deletion confirmation screen, the user password registration information will be deleted and the target line in the main window will be blank.



■ Unlocking with user password

If a user password is set, the LOCKED drive where NX Unlock Tool is stored will be accessible when connected to a PC.

View the LOCKED drive in File Explorer and launch the NX_Unlock.exe.

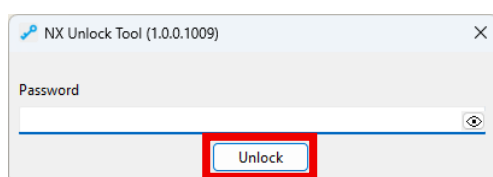


1. Unlock with user password

Enter your password in the Pass field and press the unlock button.

If the password is correct, the tool will automatically close, unlock, and access the user area.

If the password is incorrect, you will not be able to enter or exit the tool for 3 seconds until the second time. The third time you are unable to enter or exit the tool for 30 seconds, and the tool will end after 30 seconds.

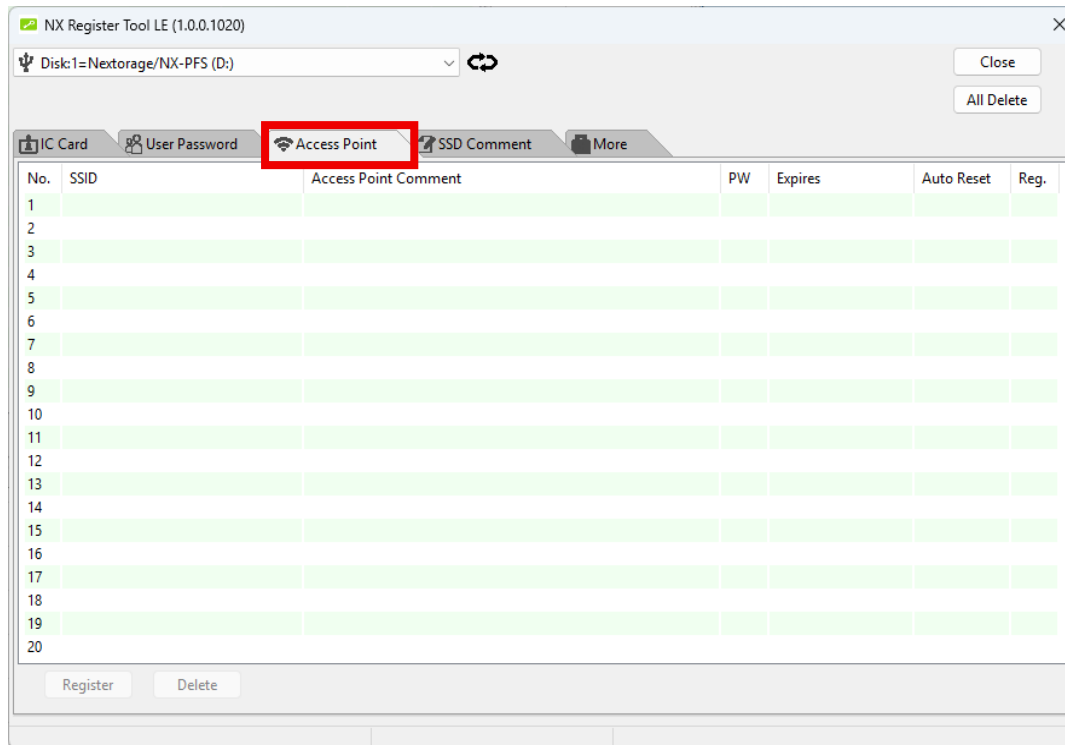


■ Registering Access Points

Register the access point that you want to desecurity. The number of registrations is 20.

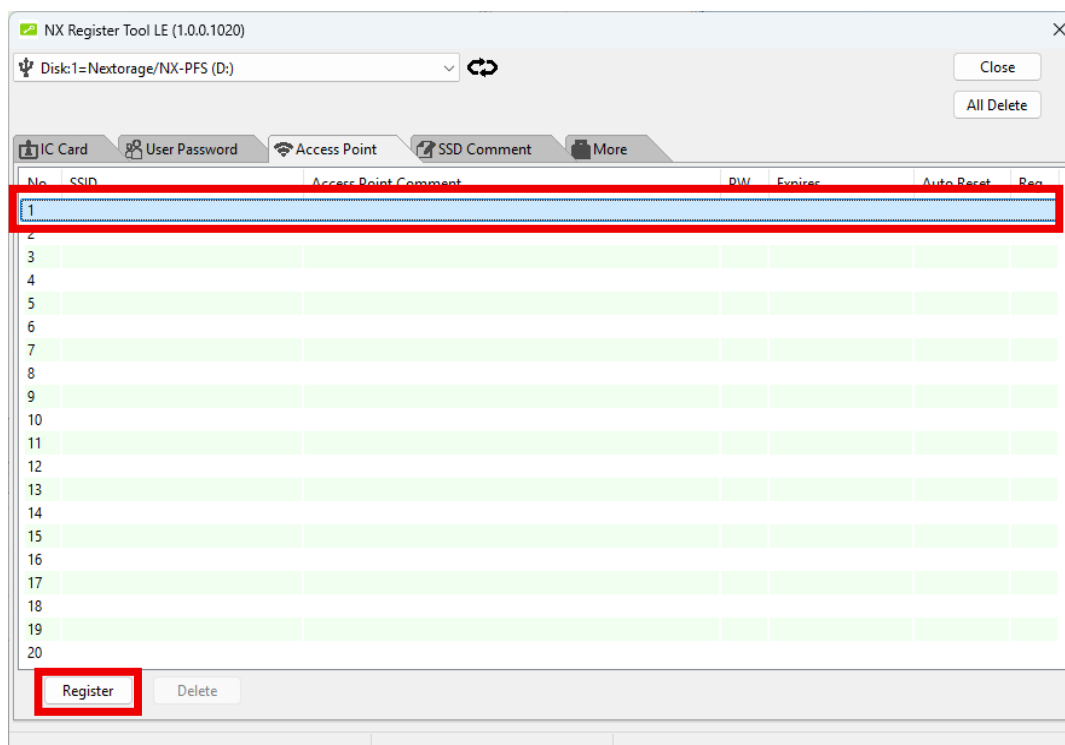
1. View access points

From the main window, select the tab for the access point.



2. Select the access point registration location

From the window, select the row without an "X" in the registration column on the far right and press the register button.



3. Access point registration and comment settings

The access point registration screen opens.

If the PW field of the SSID is "blank", you can select the SSID or register with the SSID + password.

If the PW field of the SSID is "required", it is set to a random MAC address, so you can only register with SSID + password.

For information on setting up a random MAC address, contact your device manufacturer.

On the access point registration screen, you can set any comment and the number of valid days.

The image displays two side-by-side screenshots of the 'Access Point Registration' dialog box. Both screenshots show a table with 10 rows, each with columns for 'No.', 'Reg.', 'SSID', and 'PW'. The 'Reg.' column contains checkboxes, and the 'PW' column contains either 'Req.' or is blank. Below the table is a 'Comment' text field, a 'Password' checkbox with a text input, an 'Effective Days' checkbox with a numeric input (set to 0), and an 'Auto Reset' checkbox. The 'OK' and 'Cancel' buttons are at the bottom right. In the right screenshot, the first row of the table is highlighted in blue, and the 'OK' button is enclosed in a red rectangle.

No.	Reg.	SSID	PW
1	☐	XXXXXXXXXXXX	
2	☐	XXXXXXXXXXXX	Req.
3	☐	XXXXXXXXXXXX	Req.
4	☐	XXXXXXXXXXXX	
5	☐	XXXXXXXXXXXX	
6	☐	XXXXXXXXXXXX	
7	☐	XXXXXXXXXXXX	
8	☐	XXXXXXXXXXXX	Req.
9	☐	XXXXXXXXXXXX	
10	☐	XXXXXXXXXXXX	

Finally, press the OK button to register the access point in storage.

If storage security is disabled, storage security is enabled at this point.

In a security-enabled state, you cannot access your data unless you temporarily unlock it in the resident mode of the access point or NX Setting Tool.

(The access point is unlocked when the registration process is completed, and it is locked when the storage is disconnected from the PC.)

NX Register Tool LE (1.0.0.1020)

Disk1=Nextorage/NX-PFS (D:)

Close

All Delete

IC Card

User Password

Access Point

SSD Comment

More

No.	SSID	Access Point Comment	PIN	Expires	Auto Reset	Reg
1	XXXXXXXXXXXX	Access Point Comment 01	N	2028/10/28 00:14	Y	X
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Register

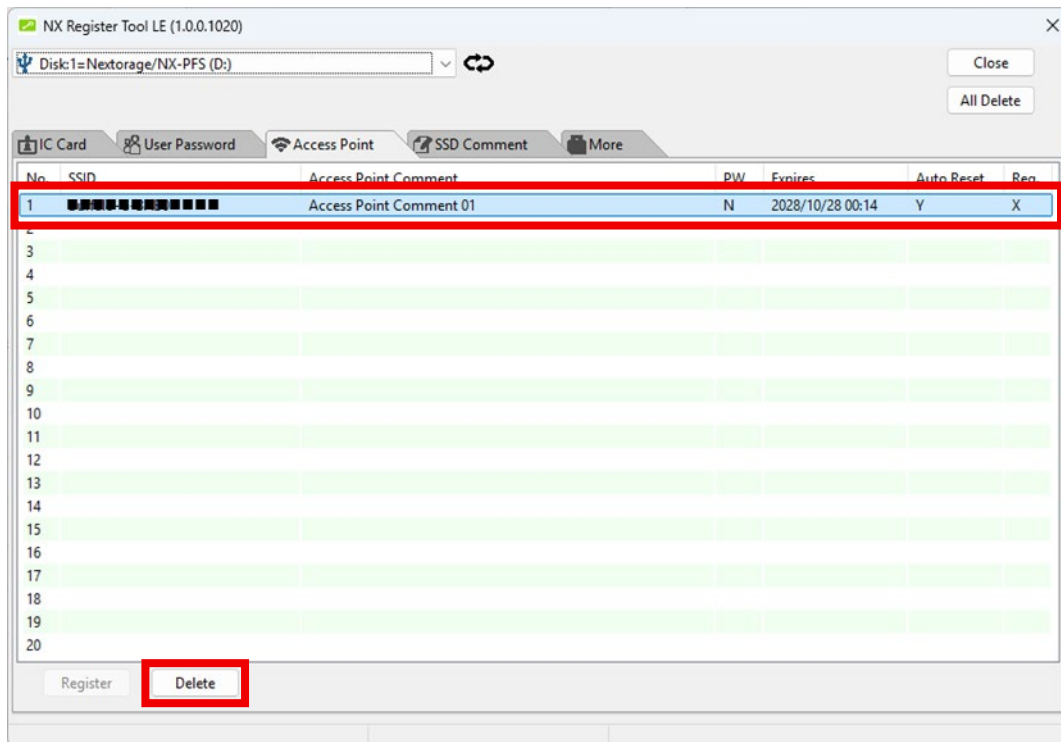
Delete

■ Deleting an Access Point

Remove the access point that you want to desecurity.

1. Select the access point you want to delete

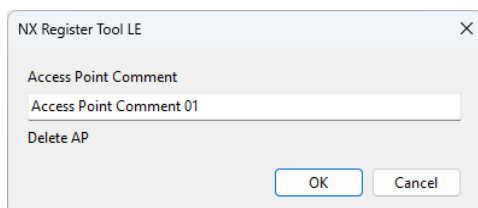
From the main window, select the row of the access point you want to delete and press the delete button.



2. Deleting an Access Point

The Access Point Deletion Confirmation screen opens.

The registered access point comment will be displayed, so make sure that it is the access point to be deleted.



If you press the OK button on the Access Point Deletion Confirmation screen, the access point registration information will be deleted and the target line in the main window will be blank.

NX Register Tool LE (1.0.0.1020)

Disk:1=Nextorage/NX-PFS (D:)

Close

All Delete

IC Card

User Password

Access Point

SSD Comment

More

No.	SSID	Access Point Comment	PW	Expires	Auto Reset	Ren
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Register

Delete

■ Valid days ((1) No automatic renewal)

If you select the "Valid Days" checkbox when registering an IC card, user password, or access point, you can set an arbitrary number of days to automatically delete the IC card, user password, and access point after that period.

The number of days can be set up to 1096 days (3 years).

■ Valid days ((2) with automatic renewal)

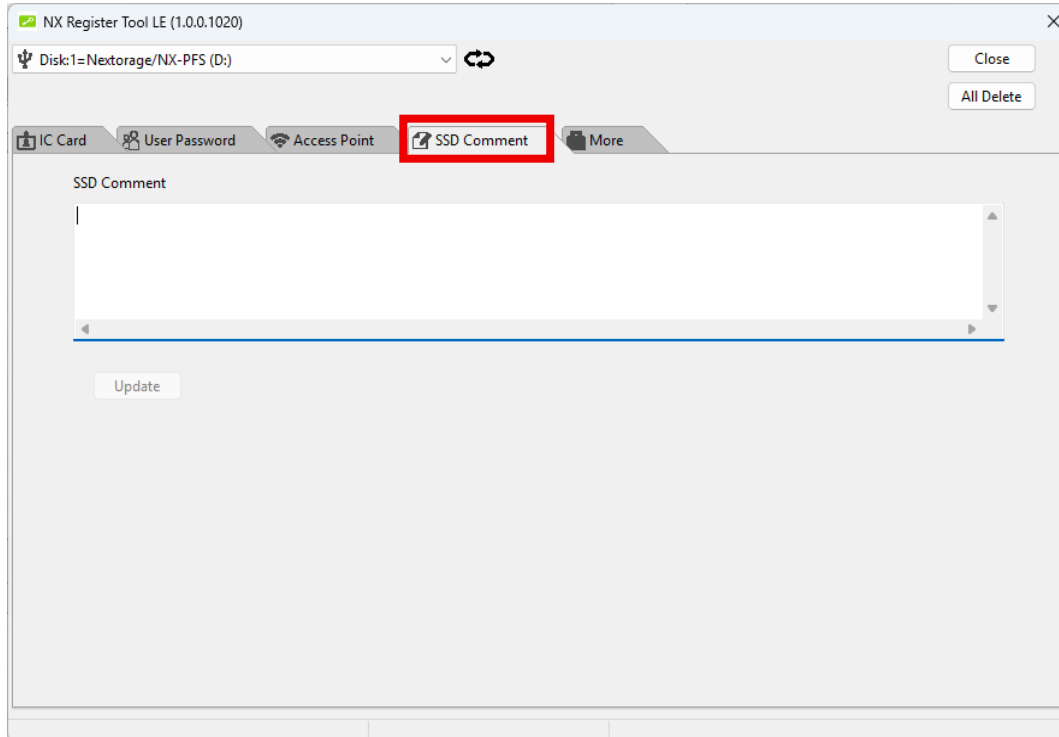
This is a function that automatically renews the number of days at the time of setting when the IC card, user password, or access point is canceled within the specified period by turning on the "Number of Valid Days" checkbox and setting the number of days when the IC card, user password, or access point registered within that period is canceled.

■ SSD Comment Registration

You can set comments on the SSD.

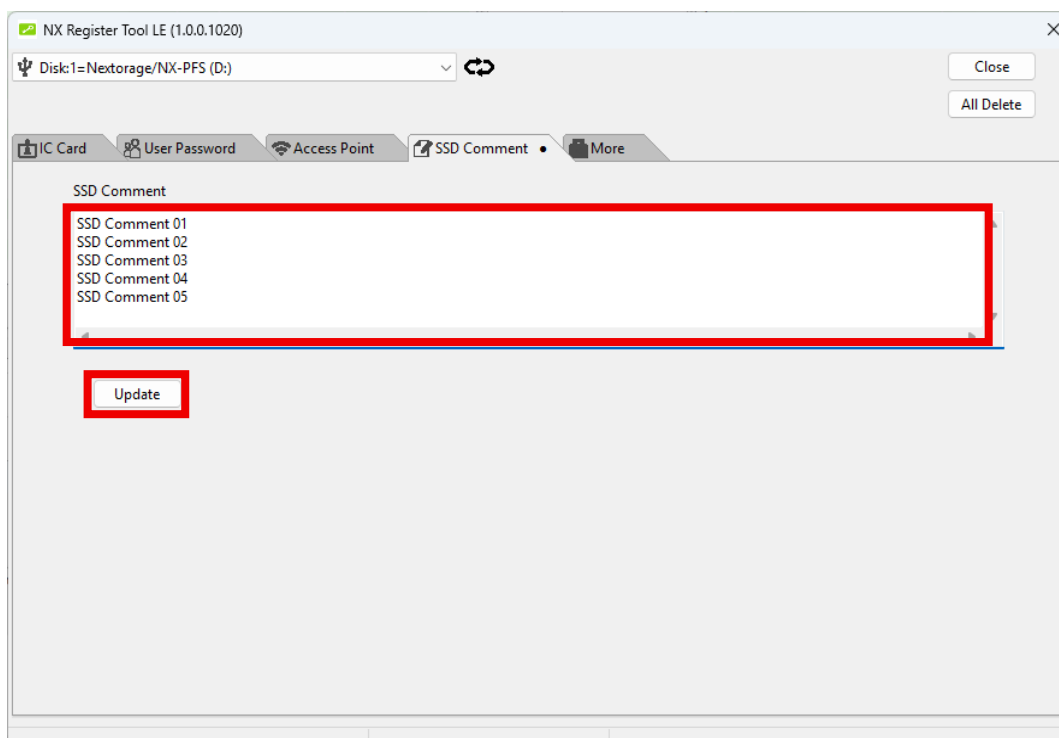
1. View SSD Comments

From the main window, select the SSD Comments tab.



2. Register SSD comments

Enter the comment you want to register in the SSD comment field and press the update button to register the SSD comment to the storage.

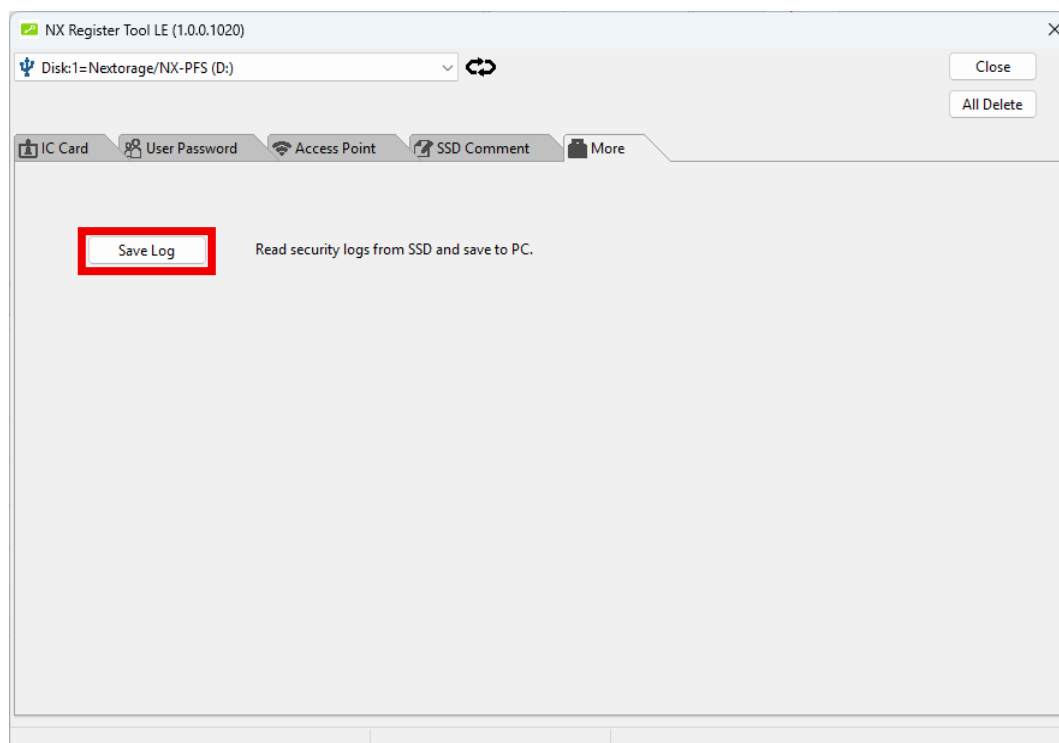


■ Log Saving

You can save the logs you have recorded in the storage that supports security logging as a file on your PC.

1. Save logs in storage

By pressing the Save Log button, you can save the logs you are recording in the storage specified in the drive selection as a file.



Log file contents

What is recorded in the log file is the date and time when the event occurred and the type of event.

Example)

2025/10/01 19:31:56 : LOG_EVENT_POR

2025/10/01 19:42:51 : LOG_EVENT_NFC_DETECT

2025/10/01 19:43:31 : LOG_EVENT_NFC_REGISTER

2025/10/01 19:43:33 : LOG_EVENT_ENABLE_LOCK

Types of events

"LOG_EVENT_POR",

Power on

"LOG_EVENT_SET_RTC"

Date and time

"LOG_EVENT_NFC_DETECT"

IC Card Detection

"LOG_EVENT_NFC_REGISTER"

IC Card Registration

"LOG_EVENT_NFC_REMOVE"	IC card deletion
"LOG_EVENT_NFC_UNLOCK"	Unlocking with IC card
"LOG_EVENT_ENABLE_LOCK"	Start Security
"LOG_EVENT_DISABLE_SECURITY"	Security Termination
"LOG_EVENT_USER_PW_INPUT"	Enter user password
"LOG_EVENT_USER_UNLOCK",	Unlock with user password
"LOG_EVENT_USER_REGISTER"	User Password Registration
"LOG_EVENT_USER_REMOVE"	User Password Removal
"LOG_EVENT_USB_PW_INPUT"	Master Password Entry
"LOG_EVENT_USB_UNLOCK"	Unlock with Master Password
"LOG_EVENT_WIFI_AP_DETECT"	Access Point Discovery
"LOG_EVENT_WIFI_AP_REGISTER"	Access Point Registration
"LOG_EVENT_WIFI_AP_REMOVE"	Access point deletion
"LOG_EVENT_WIFI_AP_UNLOCK"	Disable by Access Point

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