



Job History Export User Guide

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Using This Guide

Before using the machine, please read this manual thoroughly. Be sure to keep this manual for future reference.

Conventions

- In this manual, hard disks and solid state drives are collectively referred to as "storage".
- The following icons are used in this guide, depending on the content described.



Important

Indicates important information you have to know or be reminded before operations.



Note

Indicates supplemental information useful for operation.



Refer

Indicates references to other chapters and manuals.

- The following symbols are used in this guide.

" "	<ul style="list-style-type: none">• A cross-reference included in this guide.• Names of features, touch screen messages and input text.• The guides to be referred.
[]	<ul style="list-style-type: none">• Folders, files, applications, button or menu names displayed on the touch screen.• Names of menus, commands, windows, or dialog boxes displayed on the computer screen and their buttons and menu names.
{ }	<ul style="list-style-type: none">• This indicates the variable value depending on the operation or operating environment. For example: [{{Login User Name}}] is displayed.
< > button	<ul style="list-style-type: none">• Hardware buttons on the control panel.
< > key	<ul style="list-style-type: none">• Keys on the keyboard of the computer.
>	<ul style="list-style-type: none">• Represents abbreviation of procedure for selecting items in order on the operation panel or computer, and referenced items.

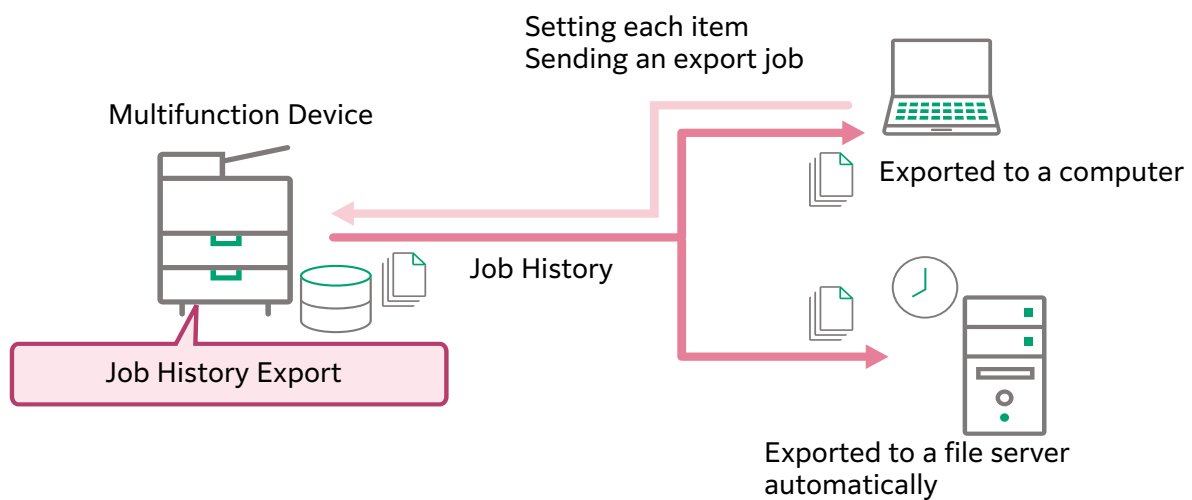
1 Overview of Job History Export

What You Can Do with Job History Export

Job History Export is a service for exporting operation history (job history) such as copying and printing processed with a multifunction device via a web browser, or for automatically exporting the history to a file server.

With this service, you can obtain and manage the job history of a multifunction device.

A job history is output as a CSV file, so that you can tally with a spreadsheet program such as Microsoft Excel.



Exporting Job History

You can export the job history stored on your multifunction device to a computer as a CSV file.

By accessing Job History Export with a web browser, you can specify the range of job history to export by date and time.

In this case, the job history that finished within the specified period is the target of the export. The job history that is being processed is not exported.

 Refer
• "Exporting Job History"(P.14)

Automatically Exporting Job History

You can export the job history stored on your multifunction device as a CSV file to a file server automatically.

You can not only export at the date and time set regularly, but you can also set to export when jobs which are not exported exceed the number that you specified, by monitoring the upper limit of job history which can be stored on a multifunction device.

With the auto export, the job history that was finished by the start of exporting is exported only once. Exported job history is not exported again.

For the destination to export, you can set a file server which communicates via the Server Message Block (SMB) protocol.



- "Setting Auto Export"(P.12)

Format Setting of Job History File

You can set the encoding to output the job history information, the format of the date and time in the job history, and the language of the header line of the job history.

The job information of one job is output as one line.

For a name of the output file, the date and time is added. The format of the date and time follows the setting of a multifunction device. Other than the date and time, you can set whether to add any text string and the identity information obtained from a multifunction device.



- The setting of the file format → "Setting the Format of a File to Output the Job History"(P.10)
- The output job information → "8 Appendix"(P.20)

Re-export of Job History

You can manually re-export job history that failed to be automatically exported.

If you re-export the job history, the date that was originally set so that it was automatically exported is added to the output file name.

For example, if you specify the export method to "Monthly, Month End, 23:00", and then if you stop the SMB server from June 20 2017 to July 10 2017 and you re-export the job history on July 10 2017, the date value that is added to the file name will be "20170630_2300".

The destination to be re-exported is in accordance with the Auto Export Settings.



- "Re-exporting Job History"(P.15)

2 Operating Environment

Multifunction Device

Job History Export works in the following environment. If the environment of your multifunction device does not meet the following conditions, add the required options.

- A storage is equipped inside a multifunction device.
- The system memory is more than 2 GB.
- The printer kit is equipped.
- The multifunction device is connected to a network.

You can check the storage and the system memory of your multifunction device by the following procedures.

Steps

- 1** Select [Device Status] > [Details].
- 2** Press [Device Configuration].
- 3** Check that [Storage] is shown on the screen, and the value for [System Memory Size] is 2,048 MB or larger.

File Server

The file server that can communicate in the Server Message Block (SMB) protocol. Hereafter, referred as the SMB server.

For details of the sorts of supported SMB servers or the information related to the SMB protocol communication, refer to the description of the SMB transfer feature in the guides provided with each machine.

3 Environmental Settings

This chapter describes the environment settings of your multifunction device to use Job History Export.

Multifunction Device Settings

To use Job History Export, the following settings are required. Before using this service, check whether each setting is set correctly.

Item	Settings
Protocol Settings	<p>[Device] > [Network Settings] > [Protocol Settings] > [TCP/IP - Network Settings]</p> <ul style="list-style-type: none"> The settings in order to use a multifunction device in the TCP/IP environment such as an IP address, subnet mask, and gateway address <p>[Device] > [Network Settings] > [Protocol Settings] > [TCP/IP - Network Settings] > [IPv4 - DNS Server Setup] or [IPv6 - DNS Server Setup]</p> <ul style="list-style-type: none"> If you uncheck [Get IP Address from DHCP] and you specify a SMB server as the export destination by a hostname, enter your DNS server address in [DNS Server IP Address]. If you set the IP address or NetBIOS name of the computer within the same subnet, you are not required to set the server address.
SOAP - Port Status	<p>[Device] > [Network Settings] > [Port Settings] > [SOAP]</p> <ul style="list-style-type: none"> SOAP - Port Status: Enabled SOAP - Port Number: 80
Internet Services (HTTP)	<p>[Device] > [Network Settings] > [Port Settings] > [Internet Services (HTTP)]</p> <ul style="list-style-type: none"> Internet Services - Port Status: Enabled
SMB Client ^{*1}	<p>[Device] > [Network Settings] > [Port Settings] > [SMB Client]</p> <ul style="list-style-type: none"> SMB Client - Port Status: Enabled
Embedded Plug-ins	<p>[Device] > [System Settings] > [Plug-in Settings]</p> <ul style="list-style-type: none"> Embedded Plug-ins: Enabled

*1 Set this item when you export the job history to a SMB server.

Internet Services Settings

Item	Settings
Enable Add-on Apps	<p>[Apps] > [App Settings]</p> <ul style="list-style-type: none"> Enable Add-on Apps: Enabled
Embedded Plug-ins	<p>[System] > [Plug-in Settings]</p> <ul style="list-style-type: none"> Embedded Plug-ins: Enabled

Installation

Install Job History Export.

For information on the installation, refer to the "Add-on Application Installation Guide".



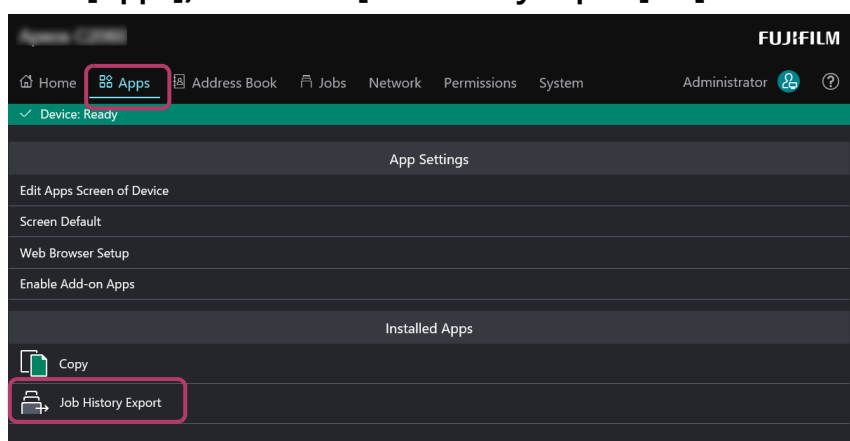
- For information on the upgrade and uninstallation, also refer to the "Add-on Application Installation Guide".

4 Operation of Job History Export

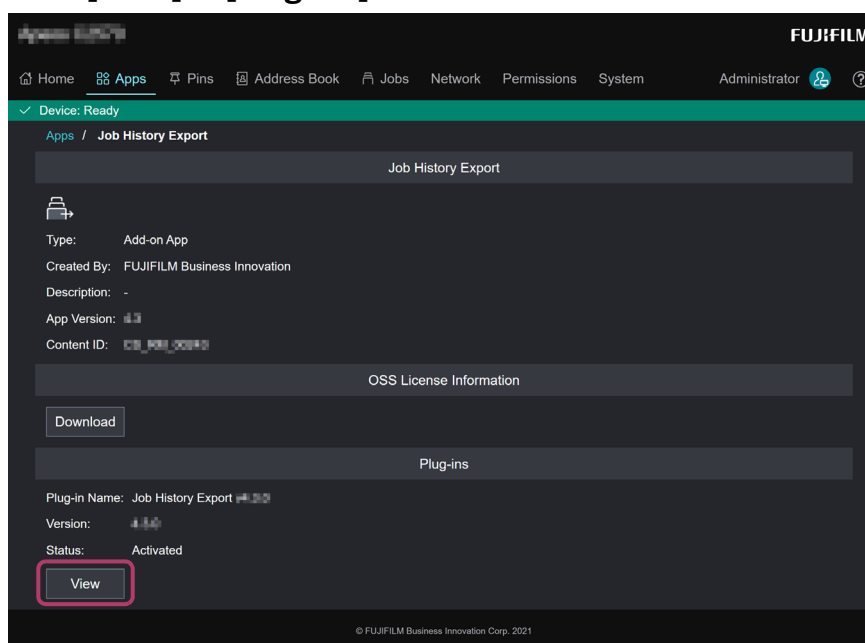
Displaying the Setting Screen of Job History Export

Steps

- 1 Start your computer, and then start a web browser.
- 2 Enter the IP address of your multifunction device or internet address in the address bar of a web browser.
The Internet Services is started.
- 3 Enter the system administration mode.
- 4 Click [Apps], and select [Job History Export] in [Installed Apps].

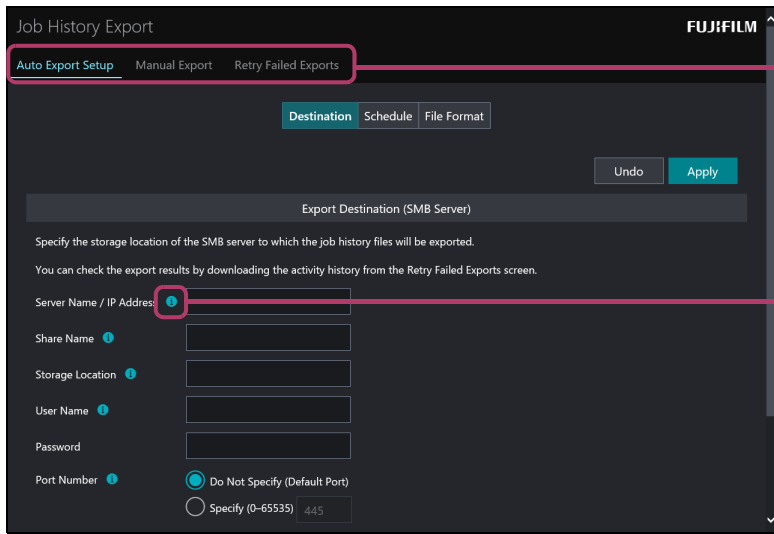


- 5 Click [View] in [Plug-ins].



The setting screen of Job History Export is displayed.

Details of the Setting Screen



Navigation bar

If you hover the mouse cursor on this icon, the description of an item is displayed.

Setting the Format of a File to Output the Job History

You can set the format of a file to output the job history.

This setting is applied regardless of the manual export or the automatic export.

Steps

1 Display the setting screen of Job History Export.




Refer

• "Displaying the Setting Screen of Job History Export"(P.9)

2 Click [Auto Export Setup] on the navigation bar and select [File Format] at the top of the screen.

3 Set each item, and then click [Apply].

Item	Description
Character Encoding	Select the character encoding for outputting the job history depending on the language setting of a multifunction device. Important <ul style="list-style-type: none"> If the language setting of a multifunction device is other than Japanese or English, do not select [Shift-JIS].
Date/Time Format	Select the date and time format for outputting the job history. Note <ul style="list-style-type: none"> The order to output the "YearMonthDay" follows the setting of [Date Format] on a multifunction device.

Item	Description
Header Language	<p>Select a language of the header line output in the job history and the part of the job attribute value.</p> <p>The job attribute value that is output in the language set here is the following.</p> <ul style="list-style-type: none"> • Job Type • Job Type Details • Input (Send) Type • Input Port • Output Destination • PDL • Job Status <p>Other the job attribute values than the values above are output as the job information stored on a multifunction device.</p>
File Name	<p>As needed, enter any text string to add to a file name of the job history.</p> <p>You can input only the characters that you can input with the control panel of your multifunction device.</p> <p> Refer</p> <ul style="list-style-type: none"> • About a file name → "Naming Rules of Job History File"(P.11) • About the characters that can be input with the multifunction device → Manual of your multifunction device
Append Date & Time to File Name	<p>Select the information to add to the end of the file name.</p> <p> Note</p> <ul style="list-style-type: none"> • "Device Name" is a text string which is set in [Device Information] > [Device Name] on the [Home] tab in the Internet Services.
Append Device Name, Serial Number, and Date & Time to File Name	<p> Refer</p> <ul style="list-style-type: none"> • "Naming Rules of Job History File"(P.11)

Naming Rules of Job History File

The name of the job history file is added the text string that is following the setting value of [File Format] in front of the date and time when the file is generated. The format of "YearMonthDay" is following the setting of [Date Format] of a multifunction device. The example of the file name for every setting value is as follows.

The Input Value for [File Name]	[Append Date & Time to File Name]	[Append Device Name, Serial Number, and Date & Time to File Name]	File Name
aaa	Disabled	Enabled	aaa_{Device Name}_{Serial Number}_{DayMonthYear}_{HourMinute}.csv
None	Disabled	Enabled	{Device Name}_{Serial Number}_{DayMonthYear}_{HourMinute}.csv
aaa	Enabled	Disabled	aaa_{DayMonthYear}_{HourMinute}.csv
None	Enabled	Disabled	{DayMonthYear}_{HourMinute}.csv

**Note**

- If [Append Device Name, Serial Number, and Date & Time to File Name] is enabled, the computer accesses the multifunction device and obtains the information. At the time of accessing a multifunction device, if the system administrator ID or password set in [Administrator Settings] is incorrect, the service cannot obtain the information, so that the error message is added to a file name.
- If prohibited characters in the file name are included in the device name, the prohibited characters are replaced with “_” (underscore).
- If the same file name is already exists in the export destination, “_2” is added to the end of the file name.

Setting Auto Export

This section describes the setting for the auto export of the job history.

Creating a Shared Folder

Create a folder on the computer for using as a SMB server, and then set as a shared folder.

The shared name is set one to 32 characters in full-width and one to 64 characters in half-width.

Set more than one user who has the authority to write on the created shared folder.

Setting Export Destination

Set the information of a SMB server as the export destination in Job History Export.

Steps

1 Display the setting screen of Job History Export.

**Refer**

- "Displaying the Setting Screen of Job History Export"(P.9)

2 Click [Auto Export Setup] on the navigation bar and select [Destination] at the top of the screen.

3 Set each item.

Item	Description
Server Name / IP Address ^{*1}	Enter the full computer name or the IP address of a SMB server as the export destination. <ul style="list-style-type: none"> • Example of the full computer name: host1.example.com • Example of an IP address: 192.0.2.1 (In the case of IPv4), 2001:DB8::1234 (In the case of IPv6)
Share Name ^{*1}	Enter the shared name of the created shared folder on a SMB server.
Save Location ^{*1}	Enter the folder name of the lower layer of the shared folder. If this entering is skipped, the job history is exported to just below the shared folder.

Item	Description
User Name	Enter the user name that has the authority to write in the shared folder. In the case of the domain user, enter in the format of "User Name@Domain Name". If this entering is skipped, this item is regarded as "no user name" or "Guest" depending on the multifunction device setting.
Password	Enter the password of the user who has the authority to write in the shared folder.
Port Number	If you select [Do Not Specify (Default Port)], the port number is set to "445". If the port number of the SMB server from "445", select [Specify], and then enter the port number. For the port number to enter, refer to your SMB server administrator.

*1 The path of the export destination is created by the combination of entered text strings.

Example: \\ {Server Name / IP Address} \ {Shared Name} \ {Storage Location} \

4 If you want to check whether the setting is correct, click [Send Empty File].

If the setting is correct, the job history file that followed the setting input and is only the header line is exported.

If an error message appears, refer to "5 Troubleshooting"(P.16) to find the appropriate solution, and troubleshoot the error.

5 Click [Apply].

Setting Export Method

Set the method for the auto export.

Steps

1 Display the setting screen of Job History Export.



- "Displaying the Setting Screen of Job History Export"(P.9)

2 Click [Auto Export Setup] on the navigation bar and select [Schedule] at the top of the screen.

3 Set each item, and then click [Apply].

Item	Description
Auto Export	Check if you want the auto export, and then select the export cycle or start time.
Export Cycle	Specify the frequency to export the job history.
Export Start Time	Specify the time to start exporting. Note • The time actually the export is executed is following the setting of a multifunction device.

Item	Description
Threshold Value for Auto Export	By monitoring the number of the job history stored on a multifunction device, you can set whether to export automatically when the job history that is not exported exceeded the specified number.
Frequency of Monitoring	Select the hour interval to monitor the number of the job history of a multifunction device.
Retry Attempts	Select the number of the retry when accessing a SMB server failed from once to ten times.
Retry Interval	Select the interval to retry.
Auto Export at Power On if Device Power Is Off at Specified Time	If this item is enabled, in the following case, the job history is exported when the power of the multifunction device is on. <ul style="list-style-type: none"> • In the case that the power of a multifunction device is off at the date and time set • In the case that the power of a multifunction device is off during the retry process • In the case that the job history cannot be exported though the retry executed for the set times and the power of a multifunction device is off

About the Retry Process

The file that is exported by the retry process is the job history that cannot be exported at the specified date and time due to such as a communication error. The job information that is finished during the process is not exported.

The job history that could not be exported even if the number of the retries reached the specified number is exported at the next specified date and time.

During the process of the retry, the number of saved jobs in a multifunction device is not monitored.

Checking Auto Export Result

You can check the result of auto export with the activity history.

For information on how to download the activity history, refer to "How to Obtain Activity History"(P.17).

Exporting Job History

Specify the period, and then export the job history that is finished in the period.



Note

- If the finished job does not exist in the specified period, a job history file which includes only the header line is output.

Steps

1 Display the setting screen of Job History Export.



- "Displaying the Setting Screen of Job History Export"(P.9)

2 Select [Manual Export] on the navigation bar.

3 Set [Start Date & Time] and [End Date & Time], and then click [Export].

Re-exporting Job History

You can manually re-export job history that failed to be automatically exported.

Steps

1 Display the setting screen of Job History Export.



Refer

- "Displaying the Setting Screen of Job History Export"(P.9)

2 Select [Retry Failed Exports] on the navigation bar.

3 Perform the following steps.

(1) Click [Send Empty File].

Check whether the empty file is sent to the SMB server specified in [Export Destination Settings]. If the file has been successfully sent to the server, go to step (2). If failed to be sent, check the condition of the server, and try this step again.

(2) Click [Export Now].

5 Troubleshooting





Error Message and Remedy

This section describes troubles that may occur with your multifunction device while using Job History Export and their solutions.

If the error is not resolved with a remedy, contact our service representative.

 **Note**

- When you make an inquiry about the error, we may ask you for the activity history. For information on how to obtain the activity history, refer to "How to Obtain Activity History"(P.17).

Message	Remedy
SMB communication feature is disabled. Check the device settings.	Check the network setting of your multifunction device.  Refer • "Multifunction Device Settings"(P.7)
Server is not found.	Check what you entered in [Server Name / IP Address] in [Destination].  Refer • "Setting Export Destination"(P.12)
Shared name is not found.	Check what you entered in [Share Name] in [Destination].  Refer • "Setting Export Destination"(P.12)
The specified path name or directory name is incorrect.	Check what you entered in [Storage Location] in [Destination].  Refer • "Setting Export Destination"(P.12)
User name is incorrect.	Enable a user, or set other users.
User is locked out.	
User is restricted. Empty password is not allowed.	
User is disabled.	
User validity period has expired.	
User limit has exceeded.	Change the number of users who can share the shared folder as the export destination, or specify other users.
Password is incorrect.	Check what you entered in [Password] in [Export Destination (SMB Server)].
Password change is required.	The password is invalid or exceeded the validity period. After you change the password of the SMB server, set the changed password for [Password] in [Export Destination (SMB Server)].
Password validity period has expired.	
The specified file name cannot be used.	Check what you entered in [File Name] in [Destination].

Message	Remedy
No access permission. Check the server access permission settings.	Set the access permission to the export destination folder for the specified user, or change the export destination to a folder which the user has access permission.
Login to the server is unavailable at this time.	Change the time to export to the time when a shared folder can be logged in.
Workstations to which you can log in are restricted.	Remove the limit to log in the SMB server, or specify a different server.
There is insufficient space in the storage location.	Increase the space in the storage location.
Communication error has occurred. Check the network connection.	Check the network connection and the communication port number.
Communication has timed out. Check the network connection.	
This feature does not support the device software version. Upgrade the software.	Upgrade software of the multifunction device to the latest version.

How to Obtain Activity History

This section describes how to obtain the activity history.

Steps

1 Display the setting screen of Job History Export.



• "Displaying the Setting Screen of Job History Export"(P.9)

2 Select [Re-export Job History] on the navigation bar.

3 Click [Download] under [Download Activity History].

As needed, download by specifying a destination folder and a file name.

6 Importing/Exporting Settings

Exporting/Importing Overview

With "Settings cloning for Add-on Applications", you can save the settings information to a computer, and then you can duplicate the information to other devices.

Storing the setting to a computer is called "Export", and duplicating the stored setting to a device is called "Import".

Settings Which Can Be Duplicated

The settings which can be duplicated by exporting/importing are the following.

- Job History Export

File Format, Destination, Schedule

Note that the password for Export Destination Settings is not exported or imported.

7 Notes and Restrictions

- The range of the job history that is output on the job history file is as follows.
 - In the case of manually exporting: the history that were complete within the specified period
 - In the case of automatically exporting: the job histories that are not automatically exported and jobs that were already complete at the start time of exporting







Note







- Not only the job history that finished correctly, but also the job history that did not finish correctly is included.
- If the time setting of a multifunction device is changed, the exported job history may be not exported properly. Be careful about that the application and removal of summer time are also included in the change of the time setting.
- If an error occurred in the auto export of the job history and the auto export failed even though the retry was operated for the specified times, the job history that could not be exported will be export at the next specified date. When the specified time of the export comes, if there is the job history that is not exported yet, its job history and the latest job history file will be exported. At the time, after the export date and time when the retry occurred, even if the language or encoding of the job history file is changed, the change is not applied to the re-created job history file. The change will be applied at the time that the job history file is newly created at the next export.
- [Header Language] that is set in [File Format] is applied to the language of the job history file to be output. The language used in a web browser is applied to the setting screen of Job History Export. If the language that Job History Export does not support is used in the web browser, the language of the setting screen will be in English.




8 Appendix


Job Attribute List

In the job history file, the information of one job is output to one line.
The job attribute to be output is described in the following table.

Job Attribute	Description	Output Format
Date	Year, Month, and Day when the job is finished	DD/MM/YYYY  Note • The setting of YearMonthDay follows the setting of a multifunction device.
Year	Year when the job is finished	YYYY
Month	Month when the job is finished	MM
Day	Day when the job is finished	DD
Year/Month	Year and Month when the job is finished	MM/YYYY
Month/Day	Month and Date when the job is finished	DD/MM
Time Completed	Time when the job is finished	hh:mm:ss
Job Type	The type of the feature that executed the job	Text string  Refer • "Job Type"(P.24)
Job Type Details	The detail of the feature that executed the job	Text string  Refer • "Job Type Details"(P.24)
Input (Send) Type	The protocol that was used when sending the data from a computer in such as printing or Direct Fax	Text string  Refer • "Input (Send) Type"(P.28)
Input Port	The network port that was used when sending the data from a computer	Either one text string from following • Ethernet1 • Ethernet2
PC Name	The host name of a computer which instructed printing or Direct Fax	Text string
User ID	User ID of a user who instructed printing or Direct Fax	Text string
User Name	User ID corresponding to a user	Text string
Account ID	Account ID entered with the control panel of the multifunction device, printer driver, or fax driver	Text string
Document Name	A document name in printing or Direct Fax	Text string


Job Attribute	Description	Output Format
Output Destination	The protocol that was used when sending the data from a computer in such as the output destination of paper or transferring the data	Text string  Refer • "Output Destination"(P.28)
1 Page	Impressions of 1 Page	Integer
2 Pages	Impressions of 2 Pages	Integer
4 Pages	Impressions of 4 Pages	Integer
Pages per Side	Impressions of Pages per Side	Integer
1 Sided	Pages of 1 Sided	Integer
2 Sided	Pages of 2 Sided	Integer
PDL	The type of the data that is sent or received	Text string  Refer • "PDL"(P.28)
{Print Impressions}	Impressions for every combination of Output Color and Paper Size  Refer • "About the Item Name of Impressions and the Number of Sheets"(P.23)	Integer
{Print Sheets}	Impressions for every combination of Paper Size and Paper Type  Refer • "About the Item Name of Impressions and the Number of Sheets"(P.23)	Integer
{Scan Impressions}	Impressions for every combination of Output Color and Paper Size  Refer • "About the Item Name of Impressions and the Number of Sheets"(P.23)	Integer
Job Status	The status of job processing	Any one of the following text strings: • Completed • Completed (with warning) • Aborted • Aborted (System) • Unknown
Fault Code	The code that describes the status of a failure  Note • The code may be required when contacting our sales representative.	{three-digit number} - {three-digit number}
Related Job	The ID of the parent job memorized in the child job when the parent job and the children job is created	Integer
Job Number	The ID to be used to identify the job history by printing on the paper	Text string

Job Attribute	Description	Output Format
Job Number	The ID to be named to a job	Integer
Document Number	The document ID to be given for each job	Integer
Folder Number	The number that the folder is given	Integer
Fax Recipient Name	The name of recipient to receive the fax  Note • This job attribute is displayed when faxes are sent or received using information registered with the Address Book.	Text string
Fax Remote Terminal Name	"Local Name" registered in the Local Terminal Information of the sender or recipient	Text string
Fax Remote ID	"G3 ID" registered in the Local Terminal Information of the sender or recipient	Text string
Fax Number	The fax number of the sender or the recipient	Text string
Fax Start Date	The start date of the fax communication	YYYY/MM/DD  Note • The date format set on the multifunction device is applied.
Fax Start Time	The start time of the fax communication	hh:mm:ss
Fax Duration	Fax communication time  Note • The time is displayed in second.	Integer
Fax Images Sent	The number of fax pages complete to be sent	Integer
Fax Images Received	The number of fax pages complete to be received	Integer
Fax Communication Protocol	The protocol that was used in the fax communication	Any one of the following text strings: • Others • G3 • G4 • SuperG3 • forced_4800 • forced 4800 without ECM • G3 without ECM

Job Attribute	Description	Output Format
Fax Communication Result	Results of fax communications	Any one of the following text strings: <ul style="list-style-type: none"> • Completed • Canceled • Error • Busy (Redial Completed) • Busy (Redial Scheduled) • Auto Send Scheduled • Terminated • Remote Terminal or Network Error • Other Errors
Total Color Pages	The number of impressions that have been output in color	Integer
Total Black & White Pages	The number of impressions that have been output in black and white	Integer
Total Pages	Total number of impressions that have been output in black and white and in color	Integer
Total Sheets	Total number of sheets that have been output in black and white and in color	Integer
Fax Speed Dial	Fax abbreviated number added to the job log	Text string
Quantity	Number of copies to print	Integer
{Specialty Color Impressions}	Number of impressions for each combination of Specialty Color and Paper Size  Refer <ul style="list-style-type: none"> • "About the Item Name of Impressions and the Number of Sheets"(P.23) 	Integer

About the Item Name of Impressions and the Number of Sheets

The name of impressions and pages of printing and scanning are displayed as follows.

Job Attribute	Format of Item	Example
Print Impressions	{Output Color}, {Paper Size}	Color, A4
Print Sheets	{Paper Size}, {Paper Type}	Letter, Plain
Scan Impressions	{Output Color}, {Paper Size}	Color Original, A4
Specialty Color Impressions	Specialty Color, {Paper Size}  Note <ul style="list-style-type: none"> • Only [Specialty Color] exists as specialty color. • There are multiple specialty colors such as "Gold" and "Silver", but they are all counted as specialty colors. 	Specialty Color, A4

The text string displayed on the item name is as follows.

- Output Color (In the case of printing)
 - Color
 - Black & White
- Output Color (In the case of scanning)
 - Color Original
 - B&W Original
- Paper Size
 - A4
 - JIS B4
 - A3
 - Letter
 - Legal
 - Ledger
 - Other
- Paper Type
 - Plain
 - Blank Side
 - Other

Details of Each Item

This section describes the details of the items that are output in the format of text strings in the job history.



Note

- (Blank) means that nothing is to be output in the item.

Job Type

Text string			
Copy	Scanner	Fax	Print
System Sheet	File Transfer	Email Transfer	Job Flow
Null	INTERNAL	Unknown	

Job Type Details

Job Type	Text string
Copy	Copy
	Copy Server Copy
Scanner	SCAN
	Xdom Scan
	Xdom Copy
	Fax Polling Reserve
	Fax Mailbox Polling Reserve

Job Type	Text string
Scanner	Scan To Mailbox
	Copy Server Scan
	Web Scan
	Adjust Scan
Fax	Fax
	Direct Fax
	Mailbox To Fax
	Email To Fax
	Fax Broadcast
	Fax Auto Send
	Fax Manual Send
	Fax Immediate Send
	Fax Auto Send to Mailbox
	Fax Polling Send
	Fax Mailbox Polling Send
	Fax Report Send
	Fax Relay Broadcast Request
	Fax Relay Broadcast Send
	Fax Remote Maintenance
	Send Internet Fax received by Fax (Auto)
	Fax/Internet Fax Broadcast
	Server Fax Send
Print	Print
	Secure Print
	Sample Print
	One Copy Sample Print
	Email Print
	Delayed Print
	Media Print
	Media Index Print
	Charge Print
	Digital Camera Print
	Digital Camera Index Print
	Document Print
	Document Index Print
	XDOD Print
	Print - Print Server
	Web Print

Job Type	Text string
Print	Private Print
	Fax Auto Receive Print
	Fax Manual Receive Print
	Fax Immediate Receive Print
	Fax Polling Reserve Print
	Fax Mailbox Polling Reserve Print
	Fax Polling Print
	Fax Immediate Polling Print
	Fax Multi-Polling Print
	Fax Immediate Multi Polling Print
	Fax Relay Broadcast Receive Print
	Internet Fax Receive Print
	Scan Mailbox Print
	Print Data Mailbox Print
	Fax Mailbox Print
	Internet Fax Receive Print
	Email Mailbox Print
	Mailbox Print
	Copy Server Print
	System Sheet
Print Report	
Options List	
Job History Report	
Error History Report	
Startup Report	
Font List	
Stored Documents List	
DV Report	
Maintenance Report	
Fax Activity Report	
Fax Broadcast Report	
Fax Relay Broadcast Report	
Fax Multi-Polling Report	
Fax Transmission Report	
Fax Protocol Monitor Report	
Fax Unsent Report	
Internet Fax Transmission Report	
Internet Fax Unsent Report	

Job Type	Text string
System Sheet	Tracs Report
	Test Print
	Stamp List
File Transfer	MAILBOX
	Secure Print Spool
	Delayed Print Spool
	Charge Print Spool
	Transfer - Scanned CenterTool
	Scan To File
	Store to USB
	Fax Auto Receive
	Fax Manual Receive
	Fax Mailbox Receive
	Fax Polling
	Fax Polling From Mailbox
	Fax Relay Broadcast Receive
	Internet Fax Mailbox Receive
	Mailbox To File
	Mailbox To PC
	Email To Mailbox
	Print Mailbox Documents
	Mailbox To SMB
	Fax Protocol Monitor Report To Mailbox
	Copy Server Edit
	Private Print Spool
	Private Print Transfer
Mailbox To Lpr	
Email Transfer	Scan To Email
	Store & Send Link
	Fax To Email
	Internet Fax Send
	Send Fax (Auto) received by Internet Fax
	Mailbox To Email
	Mailbox To Internet Fax
	Mailbox & Send Link

Job Type	Text string
Job Flow	Job Flow Service
	External Service Request
	Job Flow Service Log Transfer

 **Note**

- For the jobs that do not correspond to the above, [Job Type] and [Job Type Details] will be recorded as "Unknown".

Input (Send) Type

Text String			
Scanner	Others	Parallel	Serial
EtherTalk	lpd	NetWare:PServer	NetWare:RPrinter
Salutation	IPP	SMB	SMTP
POP3	Port9100	USB	HTTP
USB2	WSD Print ^{*1}	ThinPrint	FTP
WebDAV	Internal HDD	Report/List	PS Initialize
{Fax line/Port type}	Job Flow		

*1 WSD stands for "Web Services on Devices".

Output Destination

Text String			
Auto	Output Tray	Side Tray	Sorter
Bin X ^{*1}	Stacker Bin X ^{*1}	Finisher	Salutation
FTP	HTTP	SMTP	HDD
SMB	WebDAV	Netware	Xerox HTTP
Media	WSD ^{*2}	IPP	LPD
AirPrint Scan	{Fax line/Port type}	{Protocol}	{Protocol}:{Destination information}
(Blank)	Others		

*1 "X" is a bin number.

*2 WSD stands for "Web Services on Devices".

PDL

Text String			
Unknown	Auto	HP-PCL	HPGL
PJL	PostScript	PDF	ESCP
PR201PL	TIFF	DIAGNOSTIC	ART
PLW	KS	KSSM	XJCL
JFIF	Bitmap	RAW	BILEVEL

Text String			
DocuWorks	HP-PCLXL	XPJL	KS5895
EXIF	HCOMP	XPS ^{*1}	PDFA
CALS	CGM	GRF	GCGL
FXMMR	ZJS		

*1 XPS stands for "XML Paper Specification".