4343-PS341-14

Log Management Utility

User's Guide

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About this Product

"Log Management Utility", as plug-in of Device Set-Up, accesses MFP products on the network, and displays log files (operations and processing records that include monitoring logs and communications history) stored on these devices. These can be used in management of device usage status, and in troubleshooting.

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Dialog boxes



Note

The dialog boxes that appear in this document may differ from those that appear on your PC, depending on the installed devices, specified settings, and PC that you are using.



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1 Introduction

1.1 Operating Environment

The operating environment for Log Management Utility is described below.

Supported operating systems	Windows Vista Enterprise (SP2 or later)* Windows Vista Business (SP2 or later)* Windows Vista Ultimate (SP2 or later)* Windows 7 Enterprise (SP1 or later)* Windows 7 Professional (SP1 or later)* Windows 7 Ultimate (SP1 or later)* Windows 8.1 Pro * Windows 8.1 Enterprise * Windows 10 Pro * Windows 10 Enterprise * Windows 10 Education * * 32-bit(x86) and 64-bit(x64) editions are supported.
CPU	According to the recommended system requirements of your operating system.
Free hard disk space	100 MB or more However, a separate area for saving acquired log files is also required.
Memory	According to the recommended system requirements of your operating system.
File system	NTFS The location for saving reception logs cannot be specified on FAT or FAT32 file systems.
Web browser	Microsoft Internet Explorer The latest version supported by each OS.
Libraries	Microsoft .NET Framework: Both of the following versions are required. • .NET Framework 3.5 (SP1 or later) • .NET Framework 4.5 or later * If you are using Windows 8.1 or Windows 10, install .NET Framework 3.5 separately with the following procedures. 1. Open [Control Panel], and then click [Programs] - [Programs and Features] - [Turn Windows features on or off]. 2. Select the ".NET Framework 3.5 (includes .NET 2.0 and 3.0)" check box, and click [OK]. 3. Complete the installation according to the instructions shown.
Network	Computer with properly configured TCP/IP and SNMP protocols.
Display	800 × 600 pixel or better. 16 bit color or better

Refer to the Readme file for the latest information about the operating environment.

1.2 Supported MFP Devices



Reminder

Please refer to the Readme to confirm if your MFP is supported by Log Management Utility.

1.3 Introduction to Functions

Overview

The main functions of Log Management Utility are described below.

- Acquisition of logs in devices
  Acquire device audit logs, scan communication histories, and fax communication histories, and display these on the screen. Contents of the log can be used to confirm the date and time of operations, operation users, and operation results. Additionally, logs from multiple devices can be acquired.
- Management of acquired logs
  The log display can be sorted by date or number, and searched using parameters such as transmission type and destination, allowing confirmation of device usage and errors status information. This is effective in collective management of usage status information.
- Log export
  Export an acquired log as a different file (log file). This enables ongoing management through periodic saving of logs.

Log Data that can be Acquired

Log data that can be acquired by Log Management Utility is described below.



Note

Items to display, and the width of the display can be changed in [Displayed Item Settings].

Audit logs:

No.	Item	No.	Item
1	Result	12	Individual Job Number
2	Result Code	13	Type
3	Operation	14	Address
4	Date and Time of Implementation	15	File Name
5	IF Number	16	Own Box Number
6	Operator Information	17	Box Number of Other Machine
7	Settings/Status	18	Relay User Box Number
8	User/Account Number	19	TSI Table Number
9	Operation Box Number	20	Received Fax Number
10	Security print ID	21	User/Account Name
11	User Job Number	22	External Server Information

Communication History (Scan) logs:

No.	Item
1	Communication Result
2	Result Code
3	Number
4	Destination
5	Time
6	Type
7	Number of Originals
8	Remarks

Communication History (Fax) logs:

No.	Item
1	Communication Result
2	Result Code
3	Log Type
4	Number
5	Destination
6	Time
7	Transmission Time
8	Number of Originals
9	Remarks

2 Installation of Log Management Utility

2.1 Installation

Install Log Management Utility using the following procedure.

Note

When installing, login as a user that has administrator privileges.

Be sure to quit all programs (including virus check programs) that are running.

When installing the Log Management Utility, the Microsoft .NET Framework is required to have been installed in advance.
The version of Microsoft .NET Framework is based on the OS to be used. Refer to page 1-1 for details.

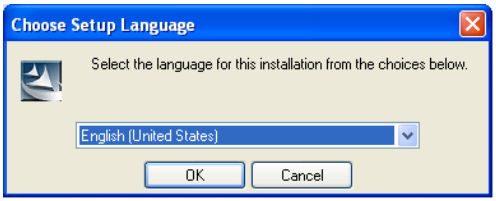
When the Device Set-up is not installed, the Device Set-up installer is activated. Be sure, first of all, to install the Device Set-up.

To install

1 Double-click [Setup.exe] to start the installation program.

The installer starts.

2 Select the language, then click [OK].

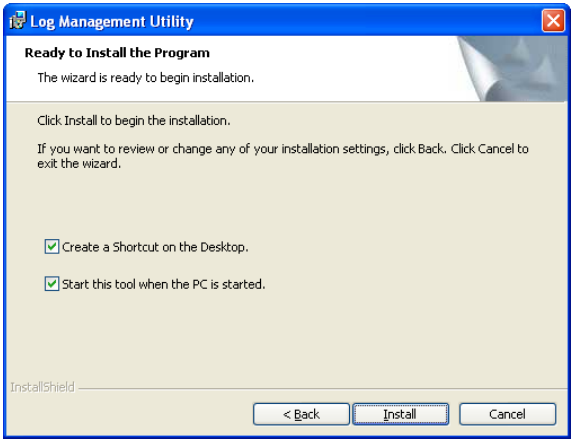


3 Follow the on-screen instructions to install.

...

Note

If [Start this tool when the PC is started] is selected in the following screen, then Log Management Utility will be started when the computer starts.



2.2 Items that are Installed

When installing Log Management Utility, the following items are installed in the Start Menu and on the Desktop.

Items registered in the Start Menu
- Program
- Online help
- Readme

Items registered on the Desktop
- Shortcut to the program



Note

It can also be specified that the "Readme" not be installed in the Start Menu. When installing, select the [Custom] setup type, and specify the items to install.

When installing, select whether or not to create registered shortcuts to the program on the desktop.

2.3 Uninstallation

Uninstall Log Management Utility using the following procedure.

- Use [Programs and Features].
- Run [setup.exe] again



Note

When uninstalling Log Management Utility, ensure that the program is closed.

Please note that the use of the Log Management Utility becomes unavailable if the Device Set-Up is uninstalled with the Log Management Utility installed. On an occasion like this, reinstall it with the installer of the Log Management Utility to install the Device Set-Up.



Note

When uninstalling, a message to confirm whether or not to delete user settings data will be displayed.

3 Starting Log Management Utility

3.1 To Start

Start Log Management Utility using the following procedure.

- Start from the Windows Start Menu
  Select **Log Management Utility** from the **Start** menu.
- Start using the shortcut on the desktop
  Double click the "Log Management Utility" icon that has been created on the desktop.
- Automatically start when the computer is started

When the software is started, the main dialog box will be displayed, and a "Log Management Utility" icon will be displayed on the tasktray.



Note

During installation, you can select whether or not to create a "Log Management Utility" icon on the desktop.

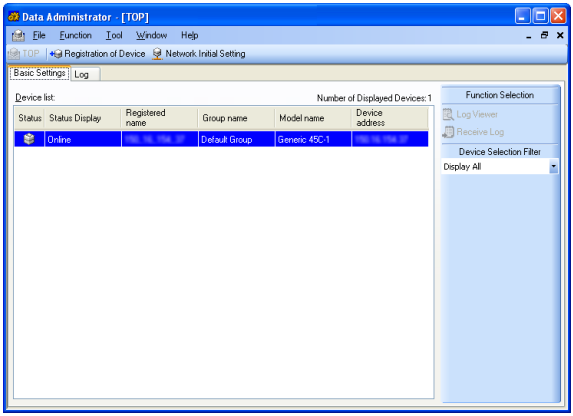
Configure the program to start automatically with the computer either during installation, or from the options dialog box. For details, please refer to “Options” on page 5-11.

At startup, a **Protect Function** dialog box will be displayed.

For details about auto protect function, refer to "Device Set-Up User’s Guide".

3.2 Main Window

When the Log Management Utility is activated, the main window is displayed.



Detail

Refer to "Device Set-Up User's Guide" for more information about main window.

3.3 To Exit

Exit Log Management Utility using the following procedure.

- On the main window, select [File], then [Exit].
- Click the [x] (Close) button at the top right of the main dialog box.
- Shut down or log off from the computer.

4 Log Confirmation

4.1 Device Registration

When using the Log Management Utility, it is necessary to make a search for a supported device on the network for registration.

As a method for the search/registration of a supported device, the following are available.

- Method for searching a supported device on the network
- Method for searching a supported device with the IP address specified.
- Method for registering a supported device from the Function access restriction file

Detail

For details of the method for search/registration of the supported device, refer to the user's guide of the Device Set-up.

4.1.1 Specify as reception target

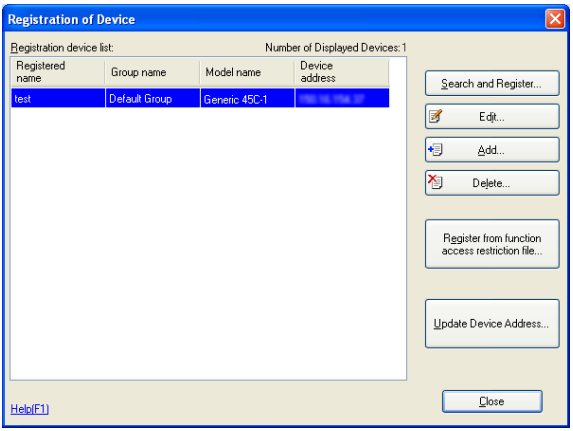
Specify as reception target

✔ The setting of [Log Management Settings] is available only for a device supported by the log management function.

1 Start Log Management Utility.

2 Click Registration of Device.

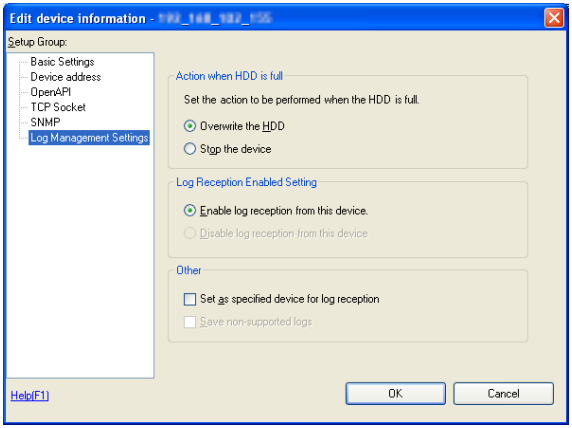
3 Select from the list a device from which you want to receive a log and then click [Edit].



4 Select [Log Management Settings] from the Setup Group area.

– When a device is selected that is not supported by the log management function, [Log Management Settings] is not displayed.

5 Select [Enable log reception from this device] and click [OK].



- [Log Reception Enabled Setting] may not be disabled for some devices.
- In order to use [Receive Log from a specified device] or [Receive Log periodically from a specified device], select also [Set as specified device for log reception].
- Set the operation of [Action when HDD is full] as necessary.
- The [Save non-supported logs] option is available for some devices. To save logs other than audit logs and communication history, select this option.

6 Click [Close].

A device selected is set as a reception target.

4.2 Receive Log from Device

There are two ways to receive logs. "Receive", for receiving logs from a selected device only; and "Receive From Specified Devices", for receiving logs from all devices that are set as specified device for log reception.

Note

While receiving logs, ensure that the power to the target device is not switched off.

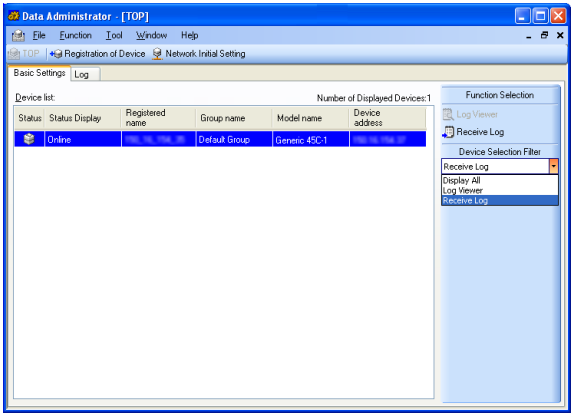
Depending on the number of logs, some time may be required for log reception.

Note

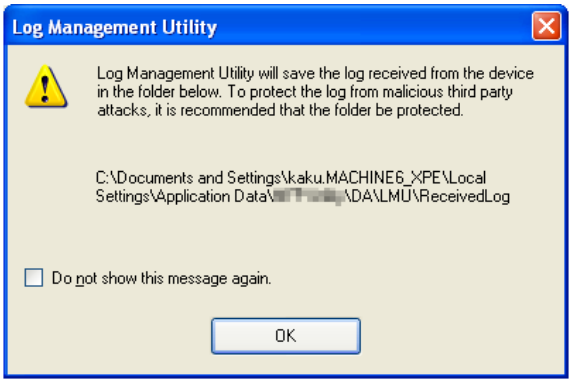
Periodic, automatic reception of logs can be specified in "Options". For details, please refer to “Options” on page 5-11.

4.2.1 Receive

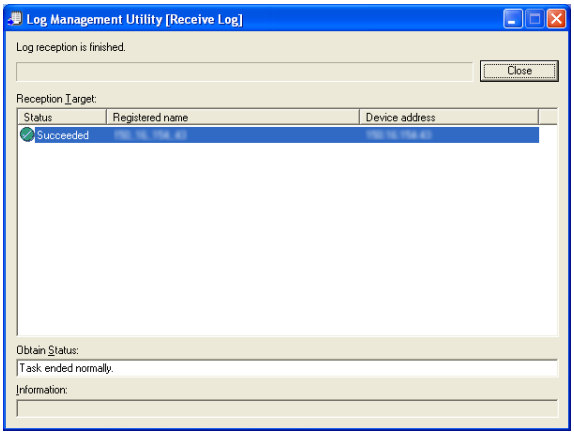
1. Start Log Management Utility.
2. From the Device list, select the devices from which to acquire logs.
3. Click [Receive Log] from the Function Selection field.



4 Check the location into which the log is saved and then click [OK].

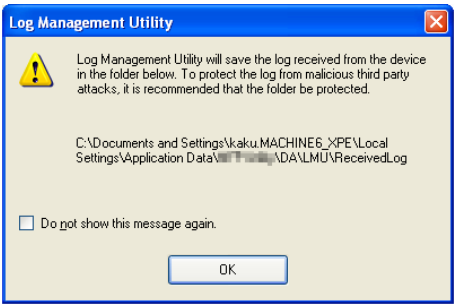


5 Check if the log has been received and then click [Close].

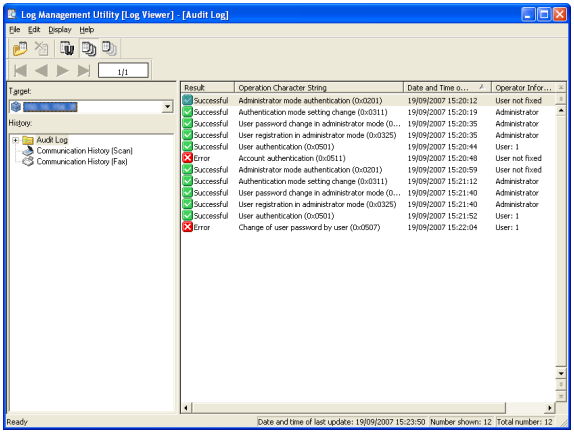


6 Click [Log Viewer] from the Function Selection field of main window.

7 Check the location into which the log is saved and then click [OK].



8 Confirm the log.



9 Click [X] to close Log Viewer.

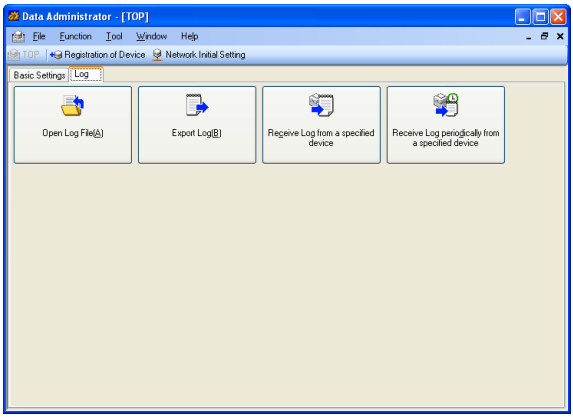
4.2.2 Receive From Specified Devices

Logs are collectively received from two or more devices set to [Set as specified device for log reception].

1 Start Log Management Utility.

The main window will be displayed.

2 Click [Log] tab and select [Receive Log from a specified device].



– Alternatively, select [Log] - [Receive Log from a specified device] from the [Function] menu.

3 Confirm the log.

Note

Even if devices are registered, logs cannot be received from these unless they are set as specified devices for log reception. For details, please refer to "Specify as reception target" on page 4-1.

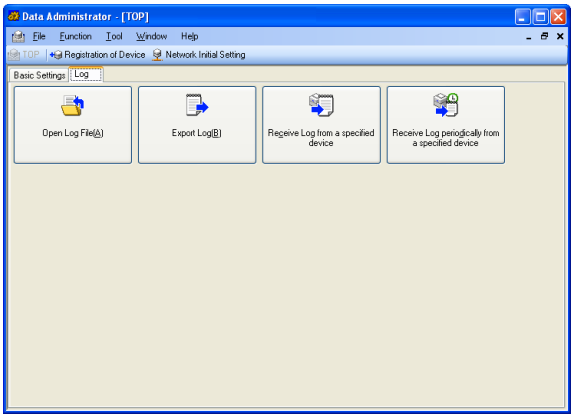
4.2.3 Receive Log Periodically From Specified Devices

While in the activation of the Log Management Utility, logs are collectively received periodically from all the devices that are set to [Set as specified device for log reception].

1 Start Log Management Utility.

The main window will be displayed.

2 Click [Log] tab and select [Receive Log periodically from a specified device].



– Alternatively, select [Log] - [Receive Log periodically from a specified device] from the [Function] menu.

Note

For details of the Periodic reception interval, refer to page 5-14.

It is possible to activate the periodic reception while in the Windows log-on. For details, refer to page 5-14.

4.3 Confirm Logs

Received "Audit logs", "Scan communications histories", and "Fax communications histories" are displayed by year and month. The target history can be specified in **Selection View**.

4.3.1 Select the Target History

1 Start Log Management Utility, and acquire logs as required.

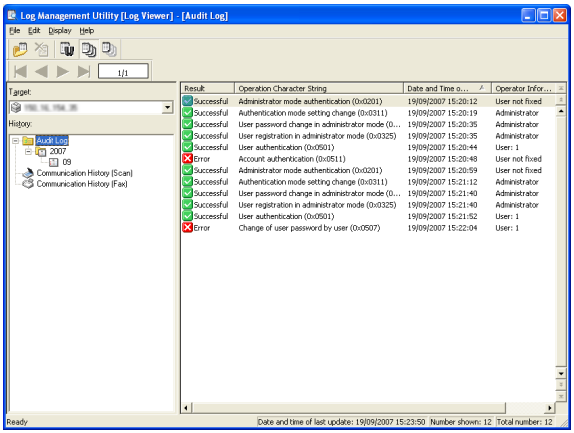
2 Click [Log Viewer] from the Function Selection field of main window.

3 Select [Target] and [History] in the Selection View given to the left.



– **Target**:
Select target devices and log files.
Devices are displayed with a printer icon, and log files with a text icon.
– **History**:
Select the log type. Further selection of each log type can be carried out by **year** and **month**.

A list of logs that corresponds to the selected **Target** and **History** is displayed in the **Log Information View** at right.
If a log type is selected, then all records of that type will be displayed.
If **year** and **month** are selected, then records from that selected period will be displayed.



4.3.2 Details of Log Display

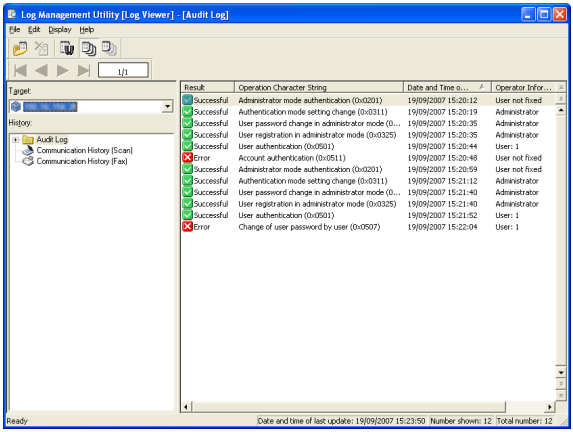
In each of the displayed log records, you can confirm results of operations, as well as the date these were carried out and by which user. Items displayed will differ depending on the log type.

Note

Log type items to display, and the width of the display can be changed in [Displayed Item Settings]. For details, please refer to "Displayed Item Settings" on page 5-9.

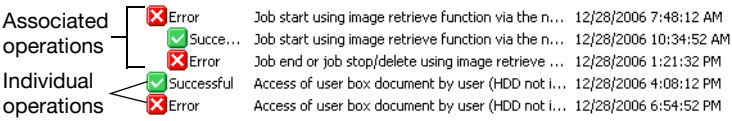
Audit logs:

Displays logs of operations carried out on the device. This allows confirmation of information such as results of operations, details of operations, and users, etc.



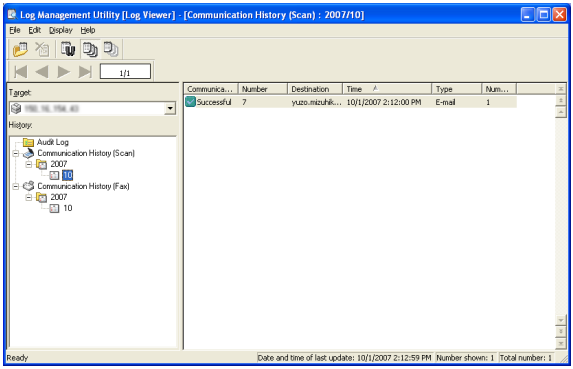
Note

Operations results may be preceded by a blank space, and those that are indented indicate that they are associated with the record above them in the hierarchy. For these, the user job number is the same, with each operation being differentiated using an individual job number.



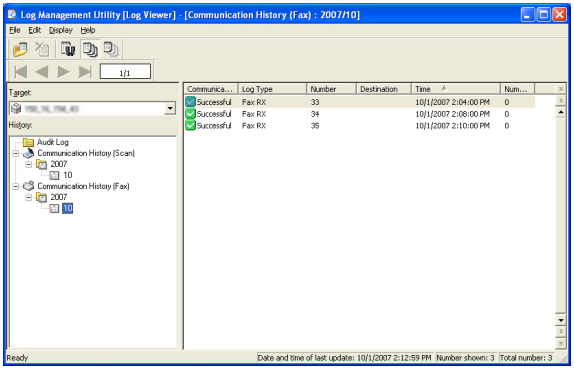
Communication History (Scan):

Displays scan job logs. This allows confirmation of information such as communication results, job numbers, and destinations, etc.



Communication History (Fax):

Displays fax job logs. This allows confirmation of information such as communication results, job numbers, and destinations, etc.

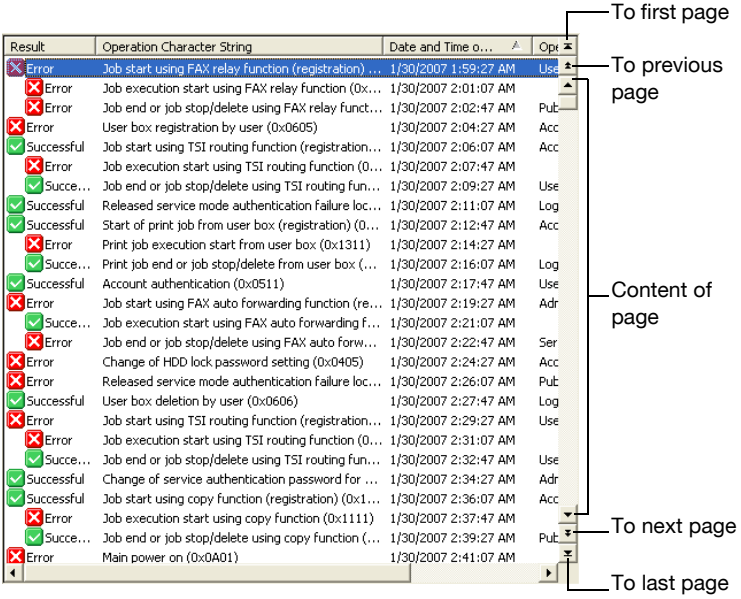


Results status indicates the following.

History Type	Item	Status	Condition
Audit log	Result	Successful	The operation was successful
		Error	Error in the operation

History Type	Item	Status	Condition
Communication History (Scan) Communication History (Fax)	Communication Result	Successful	The communication was successful
		Error	Error in the operation
		Information	Cancelled in the operation

Use the vertical scroll bar to confirm records on the page, and to scroll the page.



Note

Movement between pages can be carried out either with the icons on the page bar, or by selecting [Move] from the [Display] menu.

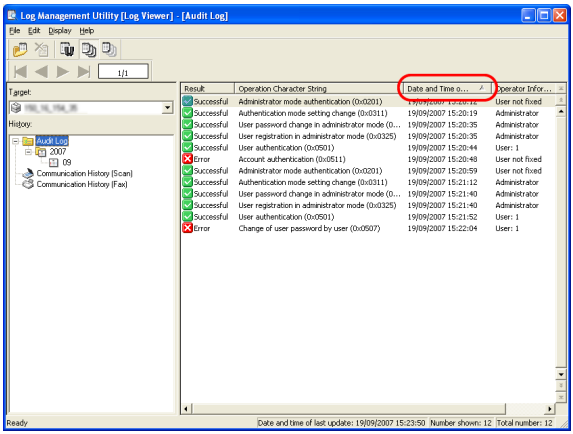
4.4 Log Operations

Log records can be sorted, selected using conditions, searched, and deleted.

4.4.1 Sorting

Records can be sorted in descending or ascending order for different items, by clicking each item name.

The ▲ mark indicates that items are sorted in ascending order: click this again to sort in descending order.



Items that can be sorted differ as follows depending on the log type.

History Type	Items that can be sorted
Audit log	Date and Time of Implementation User Job Number Individual Job Number
Communication History (Scan)	Time
Communication History (Fax)	Time



Note

Depending on the number of records, some time may be required for processing.



Note

If logs take up multiple pages, then information on all pages is sorted.

Log type items to display, and the width of the display can be changed in Displayed Item Settings. For details, please refer to "Displayed Item Settings" on page 5-9.

4.4.2 Filter

Extract and display only records that match certain conditions.

Conditions that can be specified differ as follows depending on the log type.

Item	Detail	Audit log	Communication History (Scan)	Communication History (Fax)
Start	Specify the target start date and time.	○	○	○
End	Specify the target end date and time.	○	○	○
Result	Specify the target operations result.	○		
Communication Result	Specify the target communication result.		○	○
Operation*	Specify the target operation. If no operation is specified, then this is "No Conditions"	○		
Operator Information	Specify the target operator information.	○		
Type / Transmission Type	Specify the target transmission type.	○	○	
Log Type	Specify the target log type.			○
Address*	Specify the target address.	○		
Destination*	Specify the target destination.		○	○
File Name*	Specify the target file name.	○		
User/Account Name*	Specify the target user names and/or account names.	○		
External Server Information*	Specify the target external server information.	○		
Remarks*	Specify text for the target remarks.		○	○
Distinguish upper case and lower case letters	Specify whether a distinction is made between upper and lower case for input text strings.	○	○	○

* For items that have text input, records that include input text are displayed as those which match certain conditions (partial matching).

Specifying a Filter

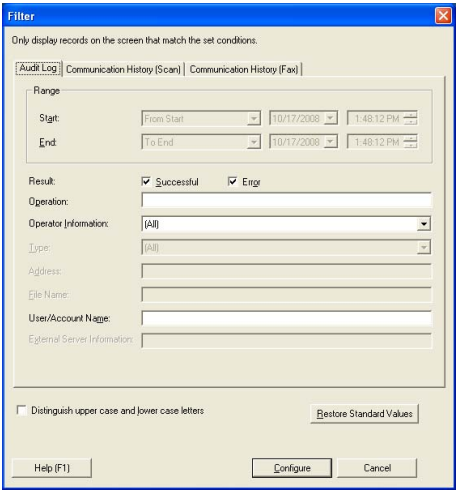
1 Open the Log Viewer and click on the Toolbar.

– Alternatively, select [Filter] from the [Display] menu.

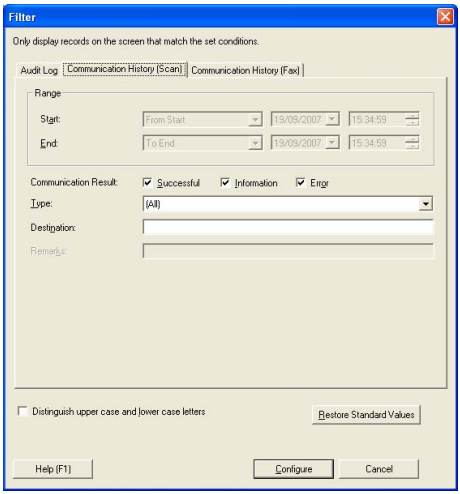
2 Specify conditions, then click [Configure].

– Dialog boxes for configuring conditions will differ depending on the log type.

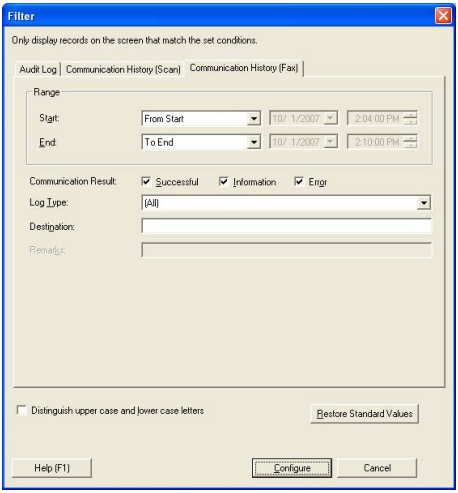
Audit logs:



Communication History (Scan):



Communication History (Fax):



Displays only records that match certain conditions.

Note

Depending on the number of records, some time may be required for processing.

Note

Items in which text is input cannot use characters that are used in wildcards (and ?).*

Click [Restore Standard Values] on the screen where conditions are configured in order to restore original settings.

Deleting a Filter

To delete a filter, either click on the Toolbar, or select [Record All] from the [Display] menu.

4.4.3 Log Search

Search records that match certain conditions.

Conditions that can be specified differ as follows depending on the log type.

Item	Detail	Audit log	Communication History (Scan)	Communication History (Fax)
Result / Communication Result	Specify the target operations result.	○	○	○
Operation*	Specify the target operation. If no operation is specified, then this is "No Conditions"	○		
Operator Information	Specify the target operator information.	○		
Type/Transmission Type	Specify the target transmission type.	○	○	
Log Type	Specify the target log type.			○
Address*	Specify the target address.	○		
Destination*	Specify the target destination.		○	○
File Name*	Specify the target file name.	○		
User/Account Name*	Specify the target user names and/or account names.	○		
External Server Information*	Specify the target external server information.	○		
Remarks*	Specify text for the target remarks.		○	○
Distinguish upper case and lower case letters	Specify whether a distinction is made between upper and lower case for input text strings.	○	○	○
Search Direction	Specify the search direction.	○	○	○

* For items that have text input, records that include input text are displayed as those which match certain conditions (partial matching).

Searching

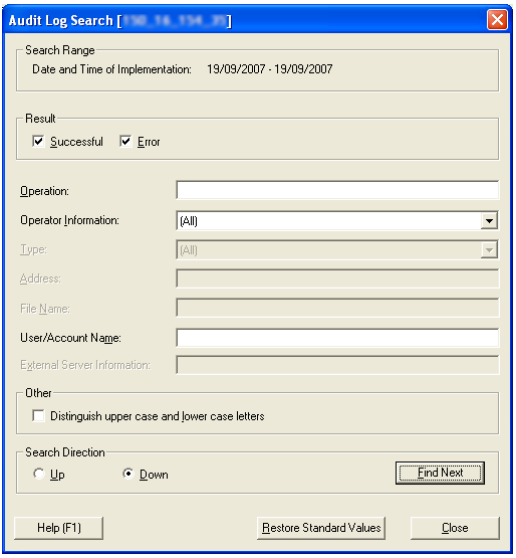
1 Open the Log Viewer and select the types of log, and periods for target logs from Selection View at left.

2 On the Toolbar, click .

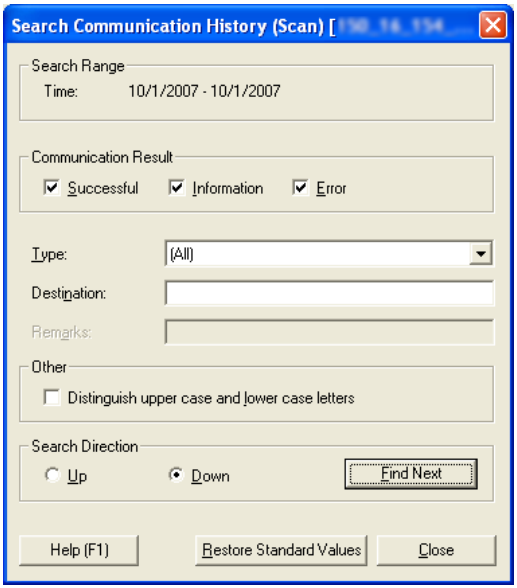
– Alternatively, select [Find] from the [Edit] menu.

3 Specify conditions, then click [Find Next].

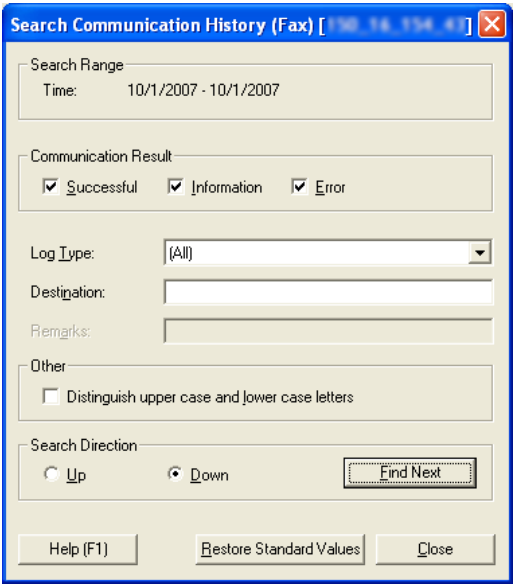
– Dialog boxes for configuring conditions will differ depending on the log type.
– Audit logs:



– Communication History (Scan):



– Communication History (Fax):



– Records that match certain conditions are sequentially searched, and the found records selected.

The **Filter configuration** dialog box will remain displayed, from where additional searches of records can be carried out.

4 To end searches, click [Close].

Note

Depending on the number of records, some time may be required for processing.

Note

The target for searches will be the log types and periods specified in "Selection View". To change the target, re-select these in Selection View.

Items in which text is input cannot use characters that are used in wildcards (and ?).*

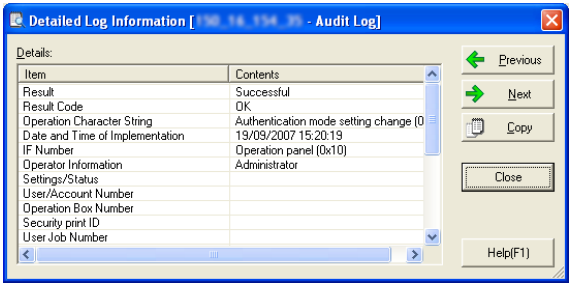
Click [Restore Standard Values] on the screen where conditions are configured in order to restore original settings.

4.4.4 Detailed Information

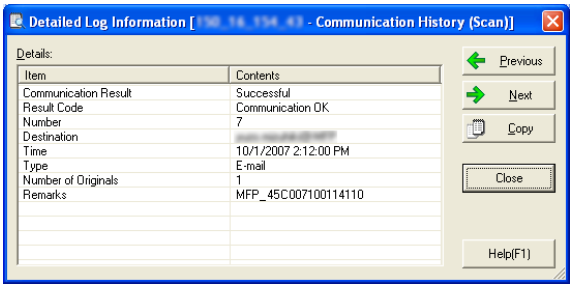
Confirm detailed information regarding selected records.

Either double click the records to confirm, or select the records, then select **Detailed Log Information** from the **Edit** menu.

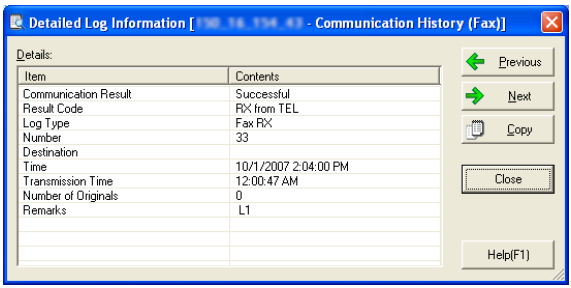
Audit logs:



Communication History (Scan):



Communication History (Fax):





Note

Switch between displayed records using [Previous] and [Next].

Click [Copy] to copy the text contents to the clipboard.

4.4.5 Log Deletion

Delete unnecessary log records.

Note
Deleted logs cannot be restored.

Note
Records within log files cannot be deleted.

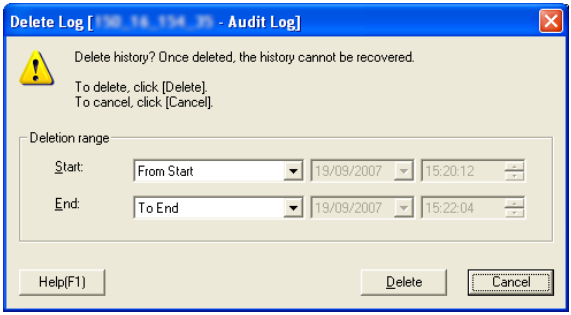
Selected records only cannot be deleted. Select using a range.

If the range for deletion corresponds to a record that is at the top of a hierarchy, then all records included within this will be deleted.

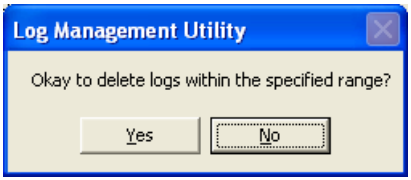
1 Select the types of log, and periods for target logs from **Selection View** at left.

2 Select [Delete Log] from the [Edit] menu.

3 Specify the records to delete, then click [Delete].



4 Click [Yes].



The logs within the specified range will be deleted.

5 Log Management Utility Settings

5.1 File Menu

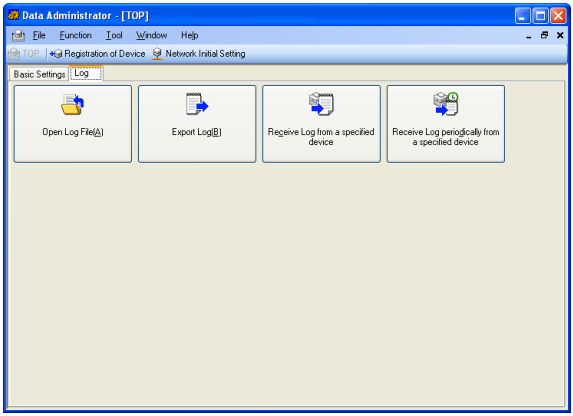
5.1.1 Open/Close Log File

Open an exported file and confirm the log records.

1 Start the Log Management Utility to display main window.

– For details of the method for displaying the main window, refer to page 3-1.

2 Click [Log] tab and select [Open Log File].



– Alternatively, select [Log] - [Open Log File] from the [Function] menu.

3 Select log to open and click [Open].

– The log file will be opened.
– Sorting and filtering functions can be used on records in opened log files, in the same way as with logs received from devices.

Note

Up to ten log files can be opened at the same time.

To close opened log files, either click the "Close Log File" icon on the Toolbar, or select [Close Log File] from the [File] menu. If [Close Log File]

is not available, then confirm that the "Target" is the log file in Selection View at left.

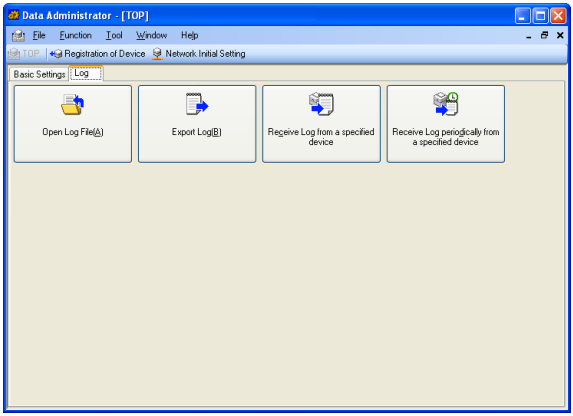
5.1.2 Export

Save logs received from devices as log files.

1 Start the Log Management Utility to display main window.

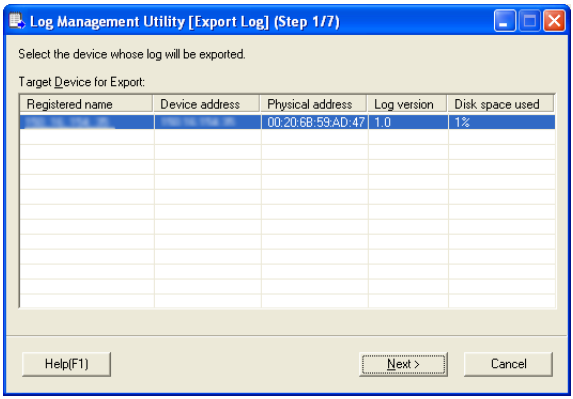
– For details of the method for displaying the main window, refer to page 3-1.

2 Click [Log] tab and select [Export Log].



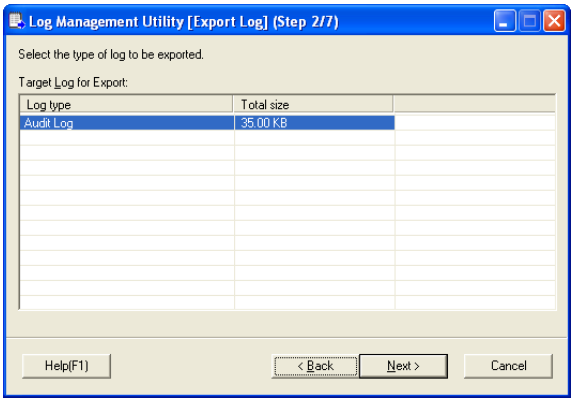
– Alternatively, select [Log] - [Export Log] from the [Function] menu.

3 Select the device from which to export the log, then click [Next].



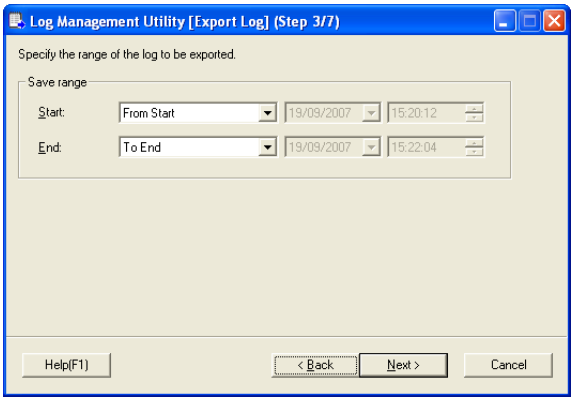
– Only one device can be selected.

4 Select the log type, then click [Next].

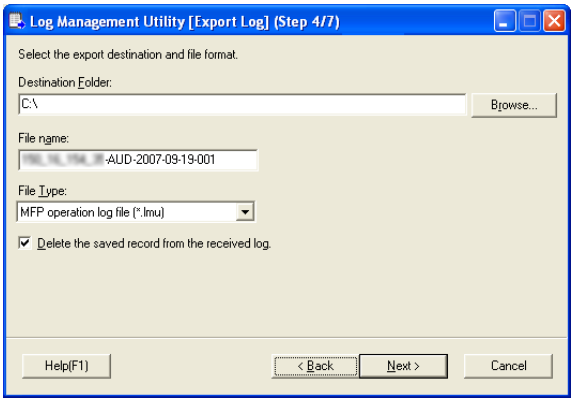


– Only one log can be selected.
– Logs without records will not be displayed.

5 Specify the range of the log, then click [Next].



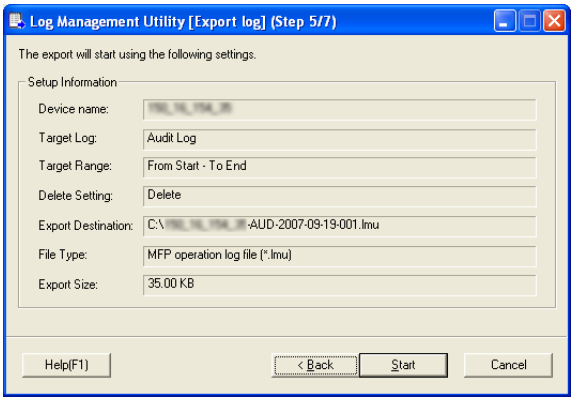
6 Specify the destination folder, file name, and file type.



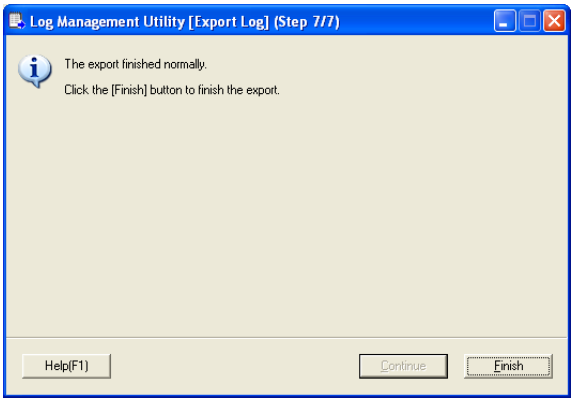
– If [Delete the saved record from the received log] is selected, then after saving, the record will be deleted from the received log.
– "MFP operation log file" is a file type that can be displayed using Log Management Utility. If a different format is selected when saving the file, then it will not be possible to view this using Log Management Utility.
– If saved while using the filter functions to select the number of logs to display, then all logs (including those that are not displayed) in "MFP operation log file" format will be saved; whereas if these are saved in other file formats, then only records that are displayed will be saved.

7 Click [Next].

8 Confirm details, then click [Start].



9 Click [Finish].



– To save more logs, click [Continue], and repeat from step 3.

Note

Records are saved sorted into "Date and Time of Implementation" and "Time".

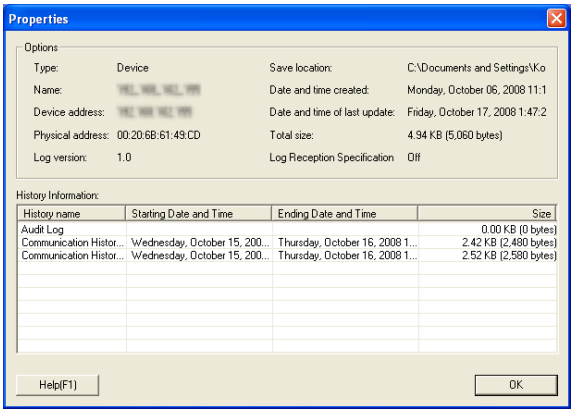
5.1.3 Properties

Display detailed information about devices and log files selected as "Targets" in the **Selection View** at left.

1 Open the Log Viewer and select the target devices and log files in **Selection View** at left.

2 From the [File] menu, select [Properties].

Properties will be displayed.



5.2 Edit Menu

5.2.1 Copy

Copy the contents of a selected record to the clipboard.

1 Select the record.

2 From the [Edit] menu, select [Copy].

The content of the displayed record is copied to the clipboard as text. This text can be used by pasting it into other applications.

Example of copied text (Audit log):

Result:	Successful
Operation:	User information write in administrator mode (network) (0x032A)
Date and Time of Implementation:	12/27/2006 11:28:12 PM
Operator Information:	Account: 1
User/Account Name:	

5.2.2 Search

Select [Find] from the [Edit] menu in order to search for records that match certain conditions. For details, please refer to “Log Search” on page 4-18.

5.2.3 Log Deletion

Select [Delete Log] from the [Edit] menu in order to delete unnecessary log records. For details, please refer to “Log Deletion” on page 4-23.

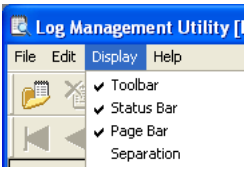
5.2.4 Detailed Log Information

Select [Detailed Log Information] from the [Edit] menu in order to confirm detailed information regarding selected records. For details, please refer to “Detailed Information” on page 4-21.

5.3 Display Menu

5.3.1 Toolbar Display ON/OFF

From the [Display] menu, select ON/OFF for display of the "Toolbar", "Status Bar", and "Page Bar".



5.3.2 Separation

Select the proportions for display of **Selection View** on the left, and **Log Information View** on the right.

Select [Separation] from the [Display] menu in order to move the border between the left and right parts of the screen. Move this with the mouse, and click to fix the position.

Note

Alternatively, move the line between the left and right parts of the screen by dragging it with the mouse.

5.3.3 Record Display (Filter)

Select [Filter] from the [Display] menu in order to extract and display only records that match certain conditions. For details, please refer to “Filter” on page 4-15.

Select [Record All] from the [Display] menu in order to cancel the filter, and to display all records.

5.3.4 Sorting

Select [List By] from the [Display] menu, and then select an item from the menu that is displayed in order to use that parameter to sort records in ascending order. Select this item again to sort in descending order.

Alternatively, sorting using the "Item name" in **Log Information View**. For details, please refer to “Sorting” on page 4-13.

5.3.5 Moving

Select [Move] from the [Display] menu, and then select a destination from the menu that is displayed in order to move the cursor (currently selected target).

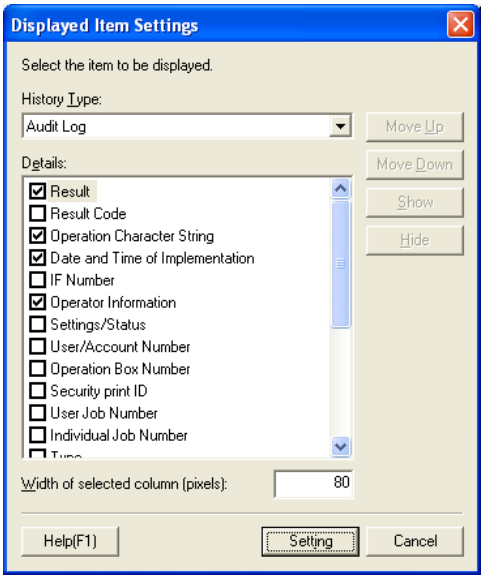
Move the page either using the vertical scroll bar, or with the icons on the page bar.

5.3.6 Displayed Item Settings

Change items to display for each log type, and the width of the display.

1 From the [Display] menu, select [Displayed Item Settings].

2 Select the "History Type" for which to configure items.



3 From the [Details] list, select [Show]/[Hide].

- If selected, an item will be shown.
- Settings can also be changed using [Show]/[Hide] at the right of the dialog box.

4 Specify other conditions as required.

- **Width of selected column (pixels)**:
  Specify the display width in pixels. The range is 0 to 999.
- **Move Up**: Move an item up in the display.
- **Move Down**: Move an item down in the display.

– In Audit Log, the display order for "Result" and "Communication Result" cannot be changed.

5 Click [Setting].

Display items will be changed.

5.3.7 General Settings

Specify the maximum number of records to display on one page.

1 From the [Display] menu, select [General Settings].

2 Specify the maximum number of records to display on one page.



3 Click [Setup].

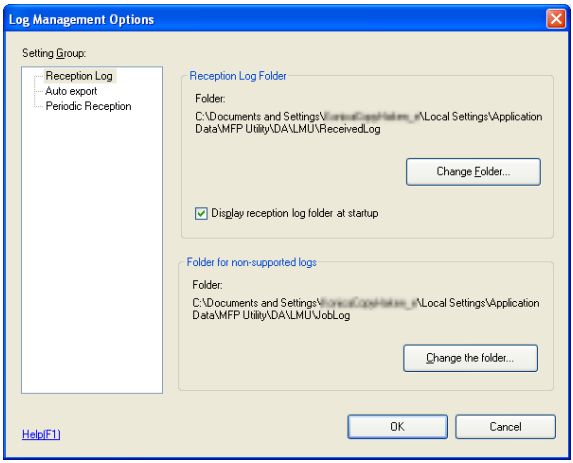
The display settings will be changed.

5.4 Options

Select [Options] - [Log Management Options] from the [Tool] menu to specify Log Management Utility reception logs, and conditions for operation.

The **Options** settings dialog box has a **Reception Log**, **Auto export**, and a **Periodic Reception**.

Reception Log:



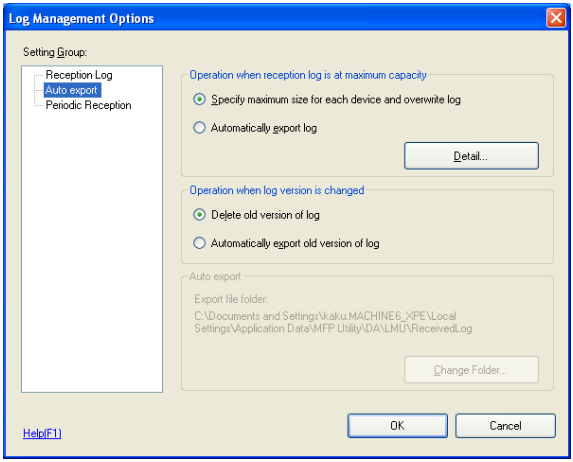
Settings Item		Description
Reception Log Folder	Change Folder	Specify the save location for logs acquired from devices.
	Display reception log folder at startup	Specify whether or not to display the reception log folder at startup.
Folder for non-supported logs	Change the Folder	If [Save non-supported logs] is selected in the [Log Management Settings] dialog box, specify the save location for logs other than audit logs and communication history.

...

Note

If there are already reception logs, then the save location for reception logs cannot be changed. In order to change the save location, ensure this has no logs stored, by either exporting or deleting any existing logs.

Auto export:



Settings Item		Description
Operation when reception log is at maximum capacity		Specify the operation when the reception log is at maximum capacity. **Specify maximum size for each device and overwrite log**: Overwrite the log when the reception log has reached its maximum capacity. Click **Detail** to specify the maximum disk capacity. **Automatically export log**: Automatically export the log when the reception log has reached its maximum capacity. Click **Detail** to specify the proportion of the log to be automatically exported. The folder for automatic export of logs can be specified in **Auto export** at the bottom of the dialog box.
Operation when log version is changed		Specify handling of received logs when the version of the log for the registered device has changed. **Delete old version of log**: Deletes saved old versions of reception logs. **Automatically export old version of log**: Automatically exports saved old versions of reception logs.
Auto export	Change Folder	Specify the save location for the automatically exported file.



Note

If the log version for registered devices has changed, then Log Management Utility cannot bulk manage reception logs that are created using log versions from before the change together with those created using log versions from after the change.

If [Delete old version of log] is specified in [Operation when log version is changed], then the deleted reception logs cannot be restored.



Detail

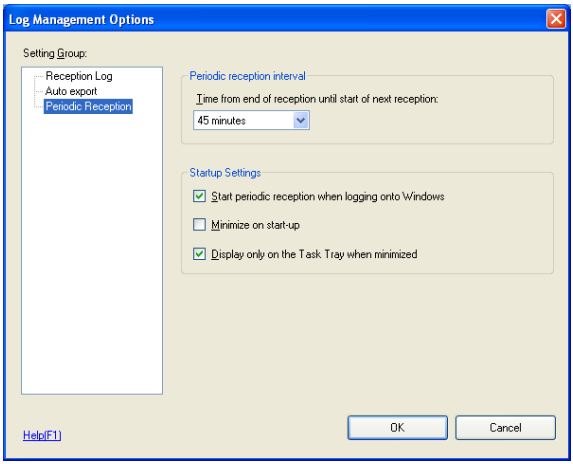
File names for automatically exported files are as follows.

LOG - Text string indicating the log type - date and time of first record - date and time of last record

For example, when exporting an audit log for the period "2004/11/5 13:00:24 to 2005/2/25 04:39:12" the file name will be "LOG-AUD-2004-11-05-130024-2005-02-25-043912.lmu".

The part of the string above indicating "AUD" for audit logs is replaced with "SCAN" for communications (scan) logs, and "FAX" for communications (fax) logs.

Periodic Reception:



Settings Item	Description
Periodic reception interval	Periodically acquires logs while Log Management Utility is running. Specify the interval for receiving logs.
Start periodic reception when logging onto Windows	Start Log Management Utility at Windows logon.
Minimize on start-up	Start Log Management Utility minimized.
Display only on the Task Tray when minimized	Shows Log Management Utility only in the task tray, and not on the Taskbar when minimized.

Note

The [Receive Log Periodically] function cannot be configured to be enabled at the same time as "Auto Protect Functions".

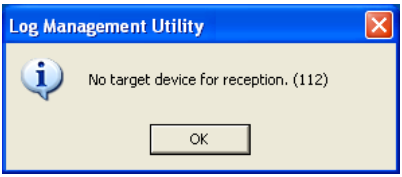
Detail

Even if [Receive Log Periodically] is set, logs cannot be received from devices unless they are specified as targets for reception processing. For details, please refer to “Specify as reception target” on page 4-1.

6 Error message list

An error message may appear while Log Management Utility is being used.

An error code appears after the message describing the error.



The corrective measures for the various error codes are described below. Follow the described procedure.

Error Code Number	Description
22, 23, 101, 102, 201, 221, 245, 9110.	Reinstall the Utility.
28	Take action as an administrator.
9024, 9109	A memory error has occurred.
9002, 9017, 9018, 9021, 9028-9030, 9032, 9035-9039, 9043, 9103, 9105, 9106	A communications error has occurred.
220, 287, 9003, 9102, 9107, 9108	Not supported by this device.
286, 9006, 9008, 9013, 9015, 9044	Change device settings, then try again.
9007	The device is in security protect status.
303, 306, 3200, 4000-4010, 9004, 9011, 9014	Change settings, then try again.
9005, 9012	Wait a short period, then try again.
20, 21, 24-27, 30-39, 222-244, 246-267, 270-274, 277-283, 285, 288-302, 304, 307-317, 400-413, 450-470, 472, 500, 700-716, 3100, 3101, 3110, 4011, 9000, 9001, 9010, 9019, 9020, 9100, 9101, 40039, 40041	Try again.
9009, 9016, 9022, 9023, 9025-9027, 9031, 9033, 9034, 9040-9042, 9104	Consult with an administrator.
29, 268, 269, 275, 284	Restart the Utility.
305, 471	Unsupported log file.

Error Code Number	Description
1	The process has been cancelled by the user.

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