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ApeosWare Management Suite 2 Migration Guide

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- (2) Some parts of this manual are subject to change without prior notice.
- (3) The screen shots and the illustrations in this manual are used as examples. They may differ from yours depending on the model, the software, or the OS.

Refer to "Setup Guide" for "About Manuals and Accessory Tools", "Conventions", and trademark.

Product information is provided at our Internet homepage. Visit https://www.fujifilm.com/fbglobal/eng/product/aw_manage_suite

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1 Update Installation

This section describes the procedure to update and install from ApeosWare Management Suite 2.0 or later to ApeosWare Management Suite 2.2.3.

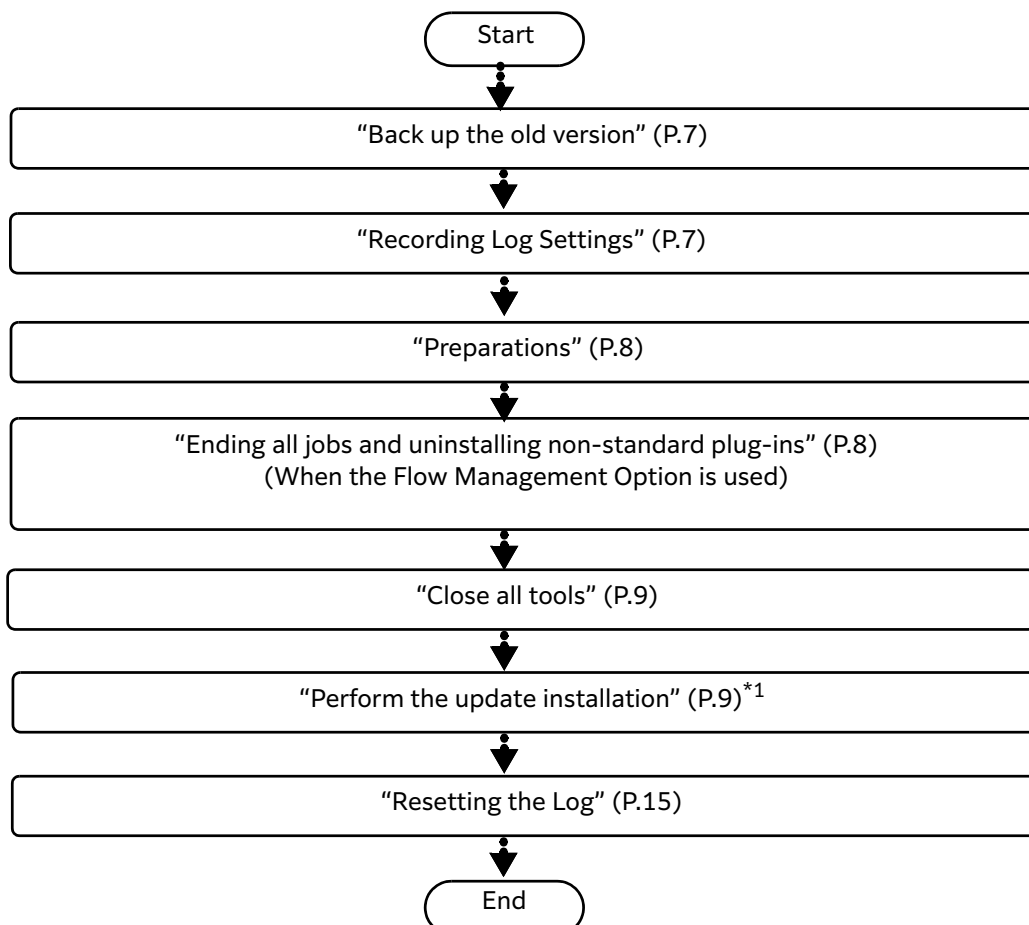
Overview

Update installations are used to update the version of existing ApeosWare Management Suite installations.

Updated software retains configuration information from the old version. Registered user and device information and server configurations can also be used.

To perform an update installation, execute the "Launcher.exe" file found on the ApeosWare Management Suite 2.2.3 installation DVD-ROM media.

Update Installation Process



*1 When the update is not correctly installed, please refer to "What to do when the update is not correctly installed" (P.14).

License Activation

The same serial number can continue to be used in the updated version.

However, you will need a new serial number to add new options that are not installed in the old version. Contact our representatives for more information on acquisition of serial numbers.

Notes

- The language setting cannot be changed. You must select the same language used in the old version to perform an update installation.
- The edition of the ApeosWare Management Suite cannot be changed.
- Server configurations cannot be changed. If using a distributed configuration, the software must be updated on all servers.



Note

In the case of all-in-one Cold Standby configuration or N system configuration, the situation can be handled by performing upgrade and migration on each PC and reconfiguring the system by following this procedure.

- SQL Server cannot be updated. Do not update SQL Server to the version included on the DVD-ROM.
- When updating ApeosWare Management Suite, if the environment is SQL Server 2012 SP3 or below, it will be necessary to update it to SQL Server 2012 SP4 or later. When updating to SQL Server 2012 SP4, halt all ApeosWare Management Suite services before performing the update.
- ApeosWare Management Suite will be temporarily unavailable during the update and installation process due to need to stop services and reboot the PC. Be aware of this if updating the software during normal business hours or other times when ApeosWare Management Suite is normally used.
- After performing the update installation, use the Update Service to apply the most recent ApeosWare Management Suite 2.2.3 patch.
- If custom authentication or custom service is used, the program set in the device may be updated. After update installation, apply the update program to devices whose status is "Not applied".



Refer

"Update device information in a device group to an actual device" in "Features Guide"

Update the On Demand Print Terminal of the On Demand Print Terminal.

Switching processing of server certificate after update of distributed configuration

If update installation is executed with distributed configuration, after the update installation of all distributed servers is completed, the server certificate used by ApeosWare Management Suite must be switched. Execute this operation only if the distributed print application server, distributed print input/output server or distributed flow server is updated from ApeosWare Management Suite 2.0.0.x or 2.1.0.x. This operation must be executed with the main server.

1. Update the main server of ApeosWare Management Suite using the installation media or Update Service.



Note

"Update Software" of help of Update Service

2. Update each distribution server using the installation media or Update Service. Database servers and report servers do not need to be updated.

3. Perform the following steps.

- (1) On the main server, log in as an Administrators group user.
- (2) Open a command prompt window as an administrator.
- (3) Input the following command and press the <Enter> key.

```
cd {ApeosWare Management Suite installation path}\Utils\PostUpdate
```

The default {Installation folder} settings are as follows.

C:\Program Files (x86)\Fuji Xerox\ApeosWare MS 2

- (4) Input the command and press the <Enter> key.

```
AWMSPostUpdate.bat
```

- (5) After checking the message, enter "Y" and push the <Enter> key.
- (6) Restart the main server.

Back up the old version

Updating ApeosWare Management Suite normally retains configuration information from the old version. However, we recommend that you back up the old version before updating just in case information is lost during the update installation process.

You may need backup data to restore your existing environment if the update installation process fails.



Note

Whenever updating, please backup the environment of the old version.



Refer

"Backup and Restoration" in "Features Guide"

Recording Log Settings

Log settings may not be carried over after an update, so note down the settings in advance.

Recording the Settings

Check the log settings using Diagnostics Utility.

1. Start Diagnostics Utility.



Refer

"Starting Diagnostics Utility" in "Features Guide"

2. Select the [Log Settings] tab.
3. Note down the following settings.
 - [Verbose Logging] checkboxes that are selected under [Log Information]
 - Whether or not the [Enable Log Size Limit] checkbox is selected
 - [Maximum Log Size] if the [Enable Log Size Limit] checkbox is selected
4. Click [Exit].

Preparations

Updating the Version of Environment

The update is available for version 2.0 or later in this DVD-ROM. The update module for the latest version can be downloaded from our web site.

Checking the PC environment

The environment and setting requirements may be different between the older version and the updated version.

Check that the environment and device settings of the PC to be updated meet the requirements for the updated version.

Check that the following services are running.

- SQL Server ({Instance Name})
- SQL Server Browser



Refer

"Required Environment" in "Setup Guide"

"Checking the PC Environment" in "Setup Guide"

"Setting Devices" in "Setup Guide"

"Register the Program or Port to the Rule of the Reception of the Firewall" in "Setup Guide"

"Register the Port to the Router as an Exception" in "Setup Guide"

"Access to ApeosWare Management Suite from Control Panel" (when using custom service/external access function) in "Features Guide"

"Configuring devices" (when using the device folder function/printer output function/external access function of the Flow Management Option) in "Features Guide Flow Management Option"

Stop all antivirus software if running

It is recommended to stop all antivirus software during the update installation process.

Ending all jobs and uninstalling non-standard plug-ins

When using the Flow Management Option, end all jobs with the following procedure and uninstall non-standard plug-ins.

Incomplete jobs cannot be restored from the backup. Therefore, if the update fails, incomplete jobs and their images may be lost.

Incomplete jobs must be executed and completed before the update. If there are jobs that cannot be completed, retrieve the original documents and after updating the version or in the restored Flow Management Option, input and process the jobs again.

1. Download all flows from the [Flow List] page.
If downloaded flows cannot be migrated, they will be uploaded to the newly created Flow Management Option. After migrating the system, store until you have finished checking operations.
2. If there are jobs that have "Completed with error", execute them again and complete them.
If they cannot be completed, retrieve the original document and then delete the jobs, as necessary.
3. Cancel all flow jobs listed on the [Flow List] page.
To stop input of new documents, disable the flow.
If there are jobs other than those that have "Completed with error" or "Normal finish", proceed with processing and wait until they have all ended. If there are jobs that have "Completed with error", retrieve the original documents in the same way.



Refer

"ApeosWare Management Suite 2 Features Guide Flow Management Option" (hereinafter referred to as "Features Guide Flow Management Option.")

4. If a non-standard plug-in is installed, uninstall it.



Note

Plug-ins for versions earlier than 2.2.3 cannot work with versions of 2.2.3 or later. To use the same plug-in with a version of 2.2.3 or later, the plug-in installer for version 2.2.3 must be prepared in advance. If the plug-in installer cannot be prepared, do not update to version 2.2.3.



Refer

For the uninstallation procedure, refer to the plug-in manual.

Close all tools

Close all of the following tools running on ApeosWare Management Suite servers, Web clients, and print clients. Each tool can be closed at any rank.

- Update Service
- License Activator
- Data Input Console
- Diagnostics Utility
- Device Setup
- Printer Check
- User Information Registration
- Job Log Analyzer
- Popup Messenger
- Paper Form Editor

Perform the update installation

Update the specific ApeosWare Management Suite software installed on every server, Web client, and print client to ApeosWare Management Suite.



Note

- After the update of ApeosWare Management Suite, the screens of ApeosWare Management Suite may not be displayed correctly in a Web browser. If such a case occurs, delete the Web browser cache once and use ApeosWare Management Suite.
- Sentinel RMS License Manager for FX controls the licenses of ApeosWare Management Suite and other software of our company.
Sentinel RMS License Manager for FX cannot be uninstalled if other our software of which license is controlled by Sentinel RMS License Manager for FX remains installed.
Conduct uninstallation of Sentinel RMS License Manager for FX at convenient time.
Check that Sentinel RMS License Manager for FX is not used in other software, and then uninstall it in the following steps:
 1. Open [Control Panel], then click [Program] > [Programs and Features].
 2. In the list of software installed, select "Sentinel RMS License Manager for FX", then click [Uninstall].
 3. If a confirmation message is displayed to confirm the start of uninstallation, click [Yes].
Uninstallation starts. Upon completion of the process, a completion message is displayed.
 4. Click [Done].

Software Update Procedure

Perform the following steps to update your software.



Refer

Refer to "All-in-One Configuration Update Procedure" (P.10) and "Distributed Configuration Update Procedure" (P.11) for more information on specific update procedures for each type of server configuration.

1. Insert the DVD-ROM of the new version into a DVD drive and start Launcher.exe.
2. If the language selection window appears, select the same language as used in the old version and then click [OK].
3. From the [Features List] or [Tool List] in the [ApeosWare Management Suite] window, double-click the name of the software you want to update.
4. After that, follow the instructions on the screen to perform the update installation.



Note

The operating system does not typically need to be reboot during the update installation process. However, if your system does prompt you to reboot the operating system during the update installation process, make sure to reboot before updating other software.

All-in-One Configuration Update Procedure

Perform the following steps to update software in all-in-one configurations.

1. Perform the following steps to update the main server software.
 - (1) Update ApeosWare Management Suite.
 - (2) Update the Update Service.
 - (3) Update the Flow Management Option.
 - (4) Update the Image Log Management Option.
 - (5) Migrate the image log index.



Refer

"Migrating the image log index" (P.12)

Distributed Configuration Update Procedure

Perform the following steps to update software in distributed configurations. Perform the procedure in accordance with your specific server configuration.

Perform the necessary procedures in accordance with your specific server configuration.

1. Perform the following steps to update the main server software.

- (1) Update ApeosWare Management Suite.
- (2) Update the Update Service.



Note

If the main server is updated, the database server is updated automatically.

2. Perform the following steps to update software on the print application server, print input/output server, remote report server, remote OCR server or remote mobile server.

■ For the print application server

- (1) Update the Print Application Server.
- (2) Update the Update Service.

■ For the print input/output server

- (1) Update the Print Input/Output Server.
- (2) Update the Update Service.

■ For the remote report server

- (1) Update the SSRS (SQL Server Reporting Services) for Remote Report Server.

■ For the remote OCR server

- (1) Update the Remote OCR Server.
- (2) Update the Update Service.

■ For the remote mobile server

- (1) Update the Remote Mobile Server.
- (2) Update the Update Service.

3. Update the certificate on the main server after updating all the distributed servers.

- (1) Enter the following command and press the <Enter> key.

```
cd {ApeosWare Management Suite Installation folder}\Utils\PostUpdate
```

{Installation folder} is as follows if no change is made on the initial settings.

C:\Program Files\FUJIFILM\ApeosWare MS

- (2) Enter the following command and press the <Enter> key.

```
ApeosPstUpdate.bat
```

4. Perform the following steps to update the flow server software.

- (1) Update the Flow Management Option.
- (2) Update the Update Service.

5. Update the software on the image log server or image log core/receiving server in the following order. When updating the image log core/receiving server, update the core server first.

- (1) Update the Image Log Management Option.
- (2) Migrate the image log index.



"Migrating the image log index" (P.12)

(3) Update the Update Service.

Migrating the image log index

Migrate the image log index from the environment before update.

1. Log in to the server on which Image Log Management is installed as an Administrators group user.
2. Make sure that the following service is running:
ApeosWare Management Suite Image Log Management Search Service
3. Perform the following operation.
 - (1) Start the command prompt window.
 - (2) Move to "{Installation folder}\Image Log Management\Utils\awilm-register-tool" folder.
As long as the default settings are not changed, the {Installation folder} is "C:\Program Files\FUJIFILM\ApeosWare MS\Image Log Management."
 - (3) Enter "regist_imagelog_data.bat" and press the <Enter> key.
Migration of the image log index starts.



Note

If the number of image log indexes is large, migration of the image log indexes will take some time.

When migration is complete, a message and return code are displayed in command prompt.
The meaning of the return codes is as described below.

| Return code | Description |
|-------------|---|
| 0 | Normal termination |
| 1 | Failed to add an image log index. |
| 3 | Could not acquire information from the registry key. |
| 4 | The tool was started twice. |
| 5 | There is no access permission for the folder. |
| 6 | The index of the image log to be registered does not exist. |



Note

If you want to set the data archived before update as a search target, you can recover the archive data after update.

For details on recovering the archive data, see "Restore Archive" in "Features Guide."

Method for Updating Tool Version

When the following tool is installed, perform the following steps to update the version.

When Paper Form Editor is Installed

1. Make backup of the following files contained in {Installation folder}\Paper Form Editor\system to a folder other than the {Installation folder}.
 - ControlParts.xcp
 - SystemDefinitionAttributeEN.xsf

- SystemDefinitionAttributeJP.xsf

{Installation folder} is as follows if no change is made on the initial settings.

-64 bit OS:

"C:\Program Files (x86)\Fuji Xerox\ApeosWare MS 2"

-32 bit OS:

"C:\Program Files\Fuji Xerox\ApeosWare MS 2"

2. Uninstall the older version of Paper Form Editor.



Refer

"Uninstall a Tool" in "Setup Guide"

3. Install the new version of Paper Form Editor.



Refer

"Installing Tools on the Client PC" in "Setup Guide"

4. With the files you made the backup in Step 1, overwrite the files in the folder {Installation folder}\Paper Form Editor\system that is installed in Step 3.

{Installation folder} is as follows if no change is made on the initial settings.

"C:\Program Files\FUJIFILM\ApeosWare MS"

When Solution Editor, Popup Messenger, OnDemand Print Terminal, and Job Log Analyzer are Installed:

- (1) Uninstall the older versions of Solution Editor, Popup Messenger, OnDemand Print Terminal, and Job Log Analyzer.
- (2) Install the new versions of Solution Editor, Popup Messenger, OnDemand Print Terminal, and Job Log Analyzer.



Note

- When changing the device settings or information of the device registered in ApeosWare Management Suite after updating the Flow Management Option, the flow after uploading must be edited and the changes must be applied. For details, refer to "Device Body Settings or Device Information Update" in "Features Guide Flow Management".
- When performing an update installation from Popup Messenger 2.2, refer to "Software Update Procedure" (P.10) to perform the update installation.
- To use folders other than initially created after updating Flow Management Option, refer to "Preparing Folders" in "Features Guide Flow Management Option".
- Upgrading to ApeosWare Management Suite 2.2.3 results in the data in the user data storage folder being moved to the new folder specified when upgrading. However, the following folders will be used as they are after upgrading if they have been used before the upgrading. Refer to "Features Guide" or "Features Guide Flow Management Option" to make settings for new folders as necessary.
 - Temporary Folder
It goes by default to {destination folder}\Temp\AWMS_Device_Tmp
 - job log folder
It goes by default to {destination folder}\joblog
 - The following folders for Flow Management
It goes by default to {destination folder}\Data\FM\folders\input
Folder for the [Save to Folder] function
It goes by default to {destination folder}\Data\FM\folders\output
Folder for the [Document and Attributes Table Output] function
It goes by default to {destination folder}\Data\FM\folders\attrtable

- Storage destination of files imported
{destination folder}\User Management\Import

{storage folder of user data} is specified at installation. It goes by default to "C:\Fuji Xerox\ApeosWare MS 2".

To change the storage destination of files imported, execute file import. Refer to "Create an import schedule (Import file)" in "Features Guide".

Reinstalling Non-standard Plug-ins

1. If a non-standard plug-in has been uninstalled in step 3 of "Cancel flow jobs" (P.7), install a plug-in compatible with this version.



Note

For the installation procedure, refer to the plug-in manual.

What to do when the update is not correctly installed

If you know the cause for the error when the update is installed, please run the update installer again after the error has been resolved.

If you are unable to resolve the update installer error, please take the following steps to address the issue.

1. Deactivate the license.

If the licenses are already activated, please deactivate all licenses using the following procedures.

- License deactivation via the internet

If the PC is online, or the ApeosWare Management Suite is version 2.1.4.2 or later, deactivate the license via the internet.



Refer

"Deactivate the license via internet" in the "Setup Guide"

- License deactivation using a file

If the PC is offline, or the ApeosWare Management Suite is prior to 2.1.4.2, deactivate the license using a file.



Refer

"Deactivate the License with File" in the "Setup Guide"

- (1) Export the license deactivation file (LRT.dat).



Note

Please export the file to a location that will not be deleted even if you uninstall ApeosWare Management Suite.

- (2) Apply for license deactivation using one of the following methods.

- When applying for license deactivation from FUJIFILM BI Direct:
Upload the exported license deactivation file (LRT.dat).
- When applying for deactivation by email:
Attach the exported license deactivation file (LRT.dat) to an email and send.

2. Uninstall it.



Refer

"Uninstall a Program" in the "Setup Guide"

(1) Uninstall Flow Management, Image Log Management, and the isolation node.

This procedure is unnecessary when you are using only ApeosWare Management Suite.

(2) Uninstall the ApeosWare Management Suite.

3. Install an old version.

Install the same version as the version backed-up in "Back up the old version" (P.7) in the following steps.



Refer

"Install Required Software" in the "Setup Guide"

(1) Install the ApeosWare Management Suite.

(2) Install Flow Management, Image Log Management, and the isolation node.

This procedure is unnecessary when you are using only ApeosWare Management Suite.

4. Import backup data for the old version.



Refer

"Backup and Restoration" in the "Features Guide"

5. Activate the license.



Refer

"Activating the License via the Internet" in the "Setup Guide"

Resetting the Log

If necessary, reset according to the settings in "Recording Log Settings" (P.7).



Refer

"Outputting Detailed Logs, Changing the Log Size Limit" in "Features Guide"

2 Migration from ApeosWare Management Suite 1.4 to 2.2.3

Migration from ApeosWare Management Suite 1.4 to 2.2.3

Update ApeosWare Management Suite 1.4 to ApeosWare Management Suite 2.2.3 with migration tool.



Note

- The target version is ApeosWare Management Suite 2.2.3.
- CAN NOT update only with execution of the installer.
- In the case of migration in a same PC, it is necessary to uninstall SQL Server. In this connection, it is necessary to uninstall the database used by ApeosWare Management Suite 1.4.x.
- When installing ApeosWare Management Suite 2.2 to the migrate destination, the license for ApeosWare Management Suite 1.4 cannot be used. Separately obtain a license for ApeosWare Management Suite 2.2 before installing it.
- It is recommended to take a backup of the database according to need.

Target ApeosWare Management Suite Software

Migration source: ApeosWare Management Suite of Version 1.4.0.23 and later

Migration destination: ApeosWare Management Suite 2 of Version 2.2 or later.



Note

Check the latest information on the web site of FUJIFILM Business Innovation when updating from any version that is newer.

Migration System Configuration

All-in-one configuration/flow server separating configuration

The all-in-one configuration of ApeosWare Management Suite 1.4 is supported by the ApeosWare Management Suite 2.2.3 all-in-one configuration, and the flow server separating configuration of ApeosWare Management Suite 1.4 is supported by the ApeosWare Management Suite 2.2.3 flow server separating configuration. Other configurations cannot be migrated.

When Installing Non-standard Plug-ins

When using the Flow Management Option while non-standard plug-ins are installed, the non-standard plug-ins must be uninstalled.

Plug-ins for versions earlier than 2.2.3 cannot work with versions of 2.2.3 or later. To use the same plug-in with a version of 2.2.3 or later, the plug-in installer for version 2.2.3 must be prepared in advance. If the plug-in installer cannot be prepared, do not update to version 2.2.3, or consider operating without using non-standard plug-ins.

Internal data cannot be migrated

Internal data that will be migrated by this tool is as follows. Data not migrated by the migration tool must be manually reconfigured after performing the migration. For detailed steps, refer to the migration steps described below.

| Category | Items that can be migrated by this tool | Items that need to be manually configured after migration | Items that cannot be migrated |
|---------------------------|---|--|--------------------------------|
| Identity Management | Local User Local User Groups | Remote users Remote user ApeosWare Management Suite attribute values Remote user groups System Settings Sub-User | - |
| Device Management | Device Information Device Group Printer Information/ Administrator Information Recipients Folder | Permission (Local Authentication) System Settings | Account ID File Information |
| Log Management | Job Log Collection Settings | Job Log (File) System Settings | Job Log (DB) |
| Authentication Management | - | Permission System Settings | Upper Limit (*1) |
| Print Management | Physical Printer Print Queue (*2) | System Settings | Print Mode Job |
| Flow Management | - | Flow Definitions System Settings | Job |
| Update Date Service | Driver Data | - | - |

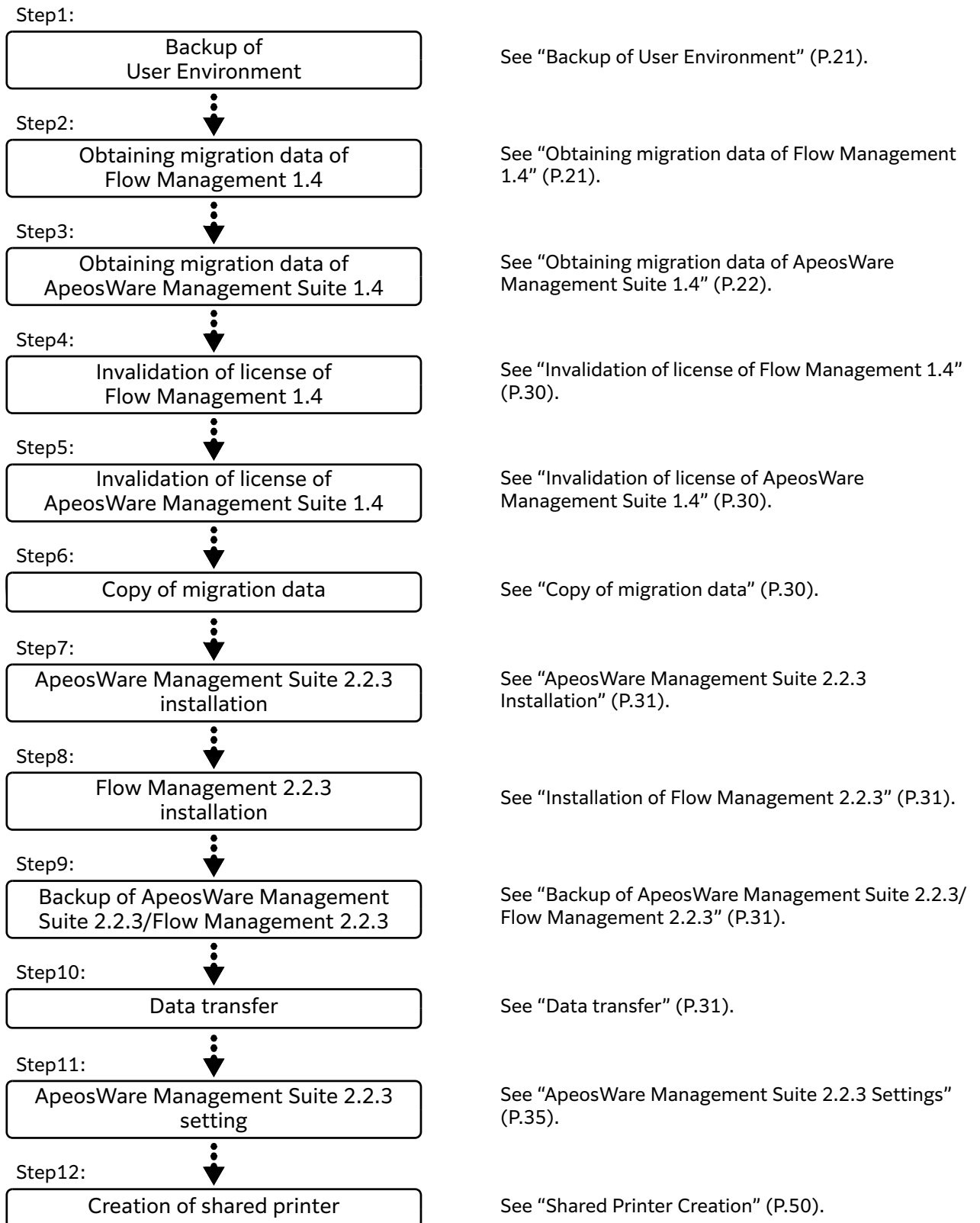
*1 The actual value of the upper limit is not migrated either.

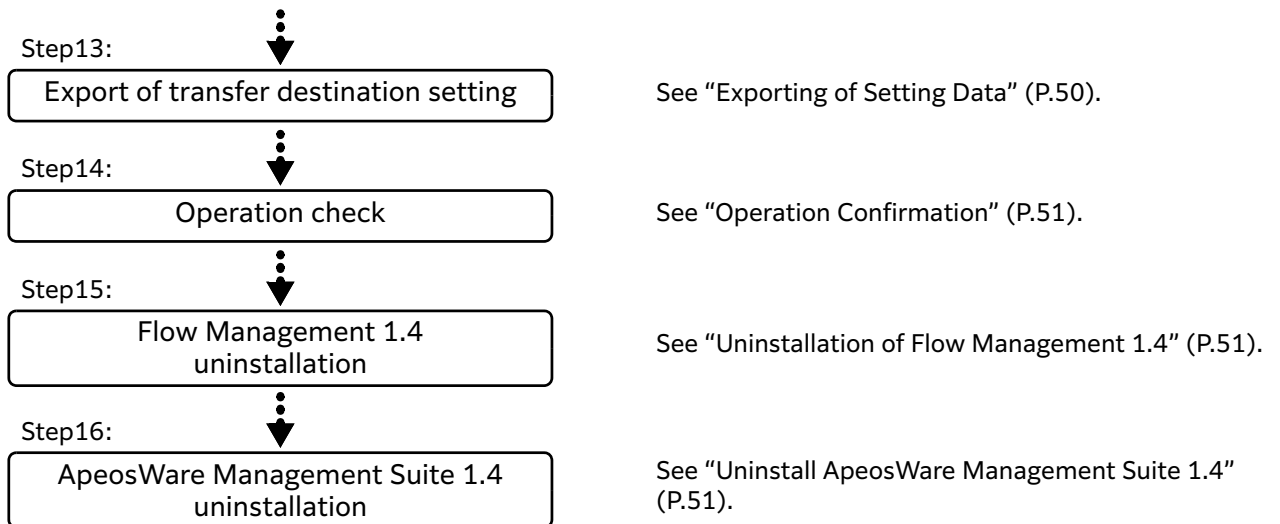
*2 After migration, it is necessary to associate with the print server and device group or device.

Update Flow

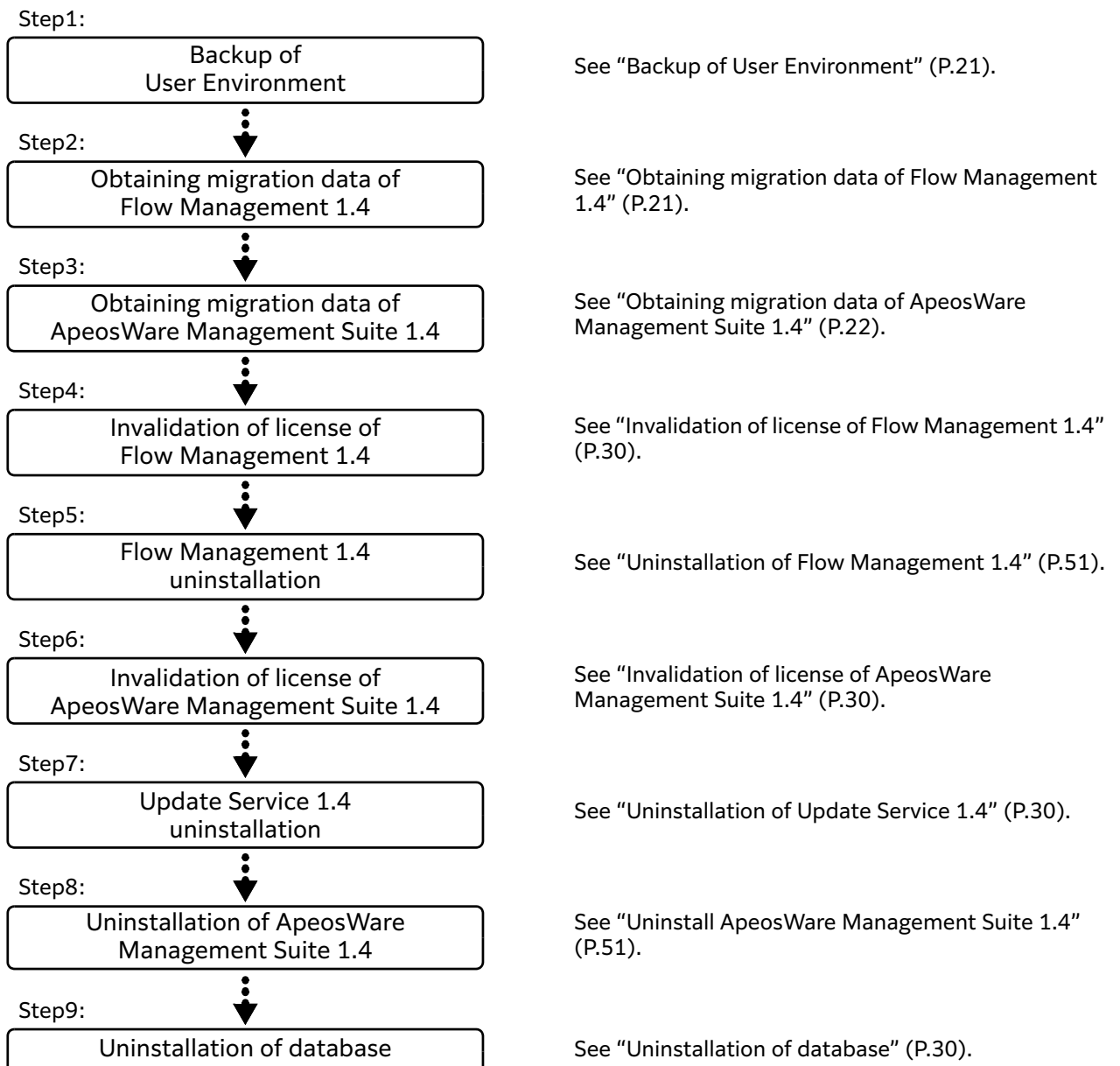
The instructions of updating to ApeosWare Management Suite 2.2.3 are below:

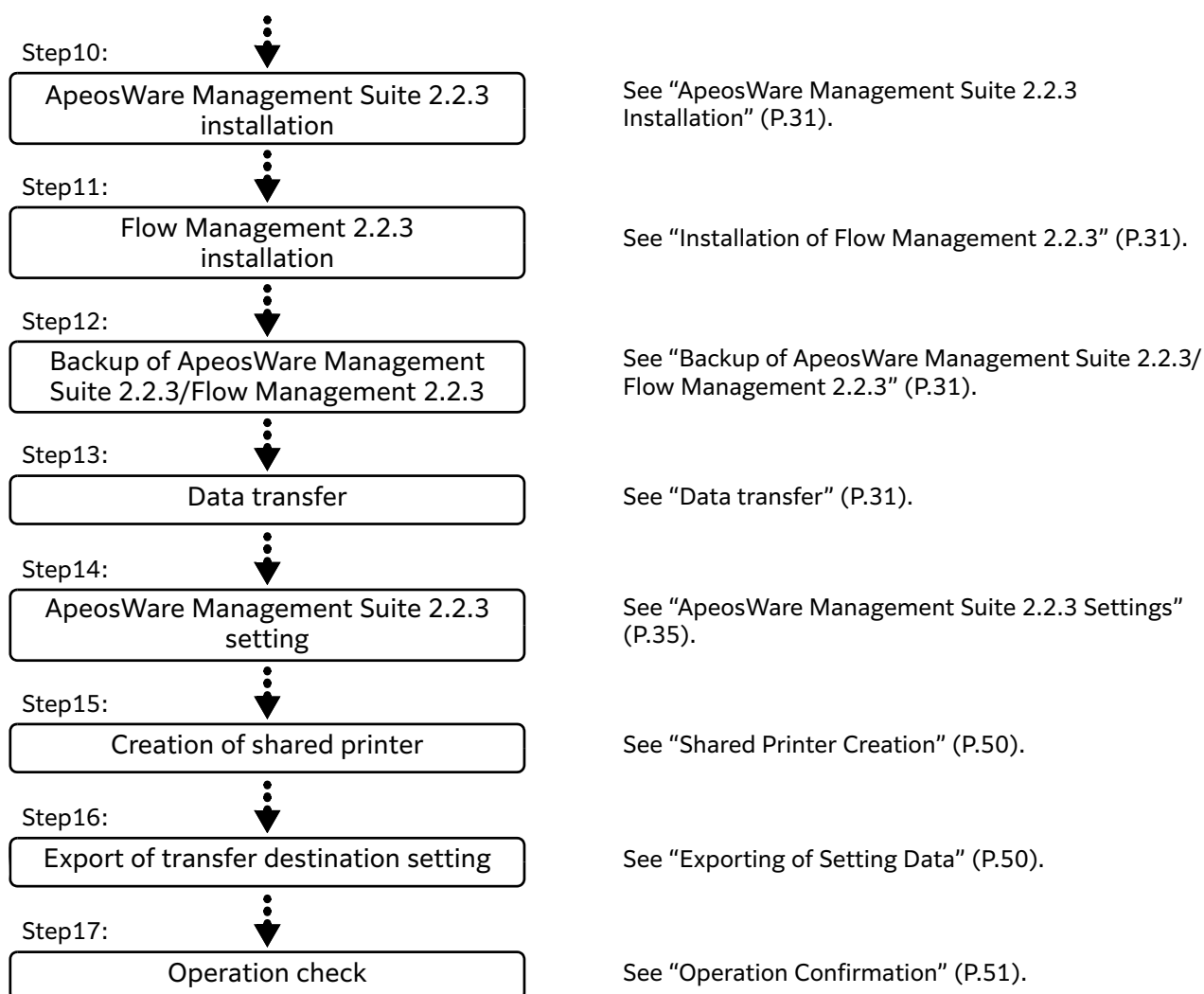
In case of migration to the other server





In case of migration in the same server





Backup of User Environment

In view of a case that a restoration of previous environment is necessary in migration procedure, back up the data of user's ApeosWare Management Suite environment by making a Virtual Machine image backup or by using the backup restore tool of ApeosWare Management Suite.

Obtaining migration data of Flow Management 1.4

Preparations on Flow Management 1.4 are required before installation.

1. Download Shared System ID.



Refer

"2. Configuring the Flow Environment" > "Configuring the Flow Usage Environment" > "Downloading the Shared System ID File" in the "Features Guide Flow Management Option".

2. Confirm the users of Flow Composer.



Refer

"2. Configuring the Flow Environment" > "Setting [Flow Composer]" in the "Features Guide Flow Management Option".

3. Confirm the authentication settings of the flows to be migrated.

Open the Flow List screen of Flow Management and perform the following operations on all the flows to be migrated.

- (1) Display the Properties screen of an applicable flow.
- (2) Open the [Role] tab of the flow and make a note of "User ID" and "User Name" of the following roles given to the flow.
 - Owner
 - User (Job Registration)
 - User (Job Registration and Operation)



Refer

"1. Overview of Flow Management" > "Roles of Flow Management" in the "Features Guide Flow Management Option".

4. Download the flow to be migrated.



Refer

"3. Configuring Flows" > "Operating the Flow" > "Downloading Flows" in the "Features Guide Flow Management Option".



Note

Because user information assigned to the flow definitions will not be migrated automatically, it is necessary to reconfigure them after the migrate so that they will be assigned to the same user.

5. When you are using Form Analysis, also perform the following steps.

- (1) Take notes of the name of Management Group created with Paper Form Management.



Note

Go to "Creating Form Management Groups / Forms" > "Create New Form Management Group" shown in the "ApeosWare Management Suite 1.4 Administrator Guide for Flow Management". On the [Management Groups List] page, take notes of all the Management Group names that are already created.

- (2) With Paper Form Management, download all the form templates that are registered to each of the created Management Group.



Note

- Go to "Creating Form Management Groups / Forms" > "Create New Form Management Group" shown in the "ApeosWare Management Suite 1.4 Administrator Guide for Flow Management". On the [Management Groups List] page, select each Management Group, then on the [Form Template List] page, download all the form templates that are registered to each Management Group.
- Take notes which form template is registered to which Management Group.

6. In the case of the configuration to separate flow servers, retrieve setting list files (P.37) for flow servers using a migration tool.

See steps in "Backup of ApeosWare Management Suite 1.4 using a Migration Tool," and execute a migration tool in an isolated flow server.

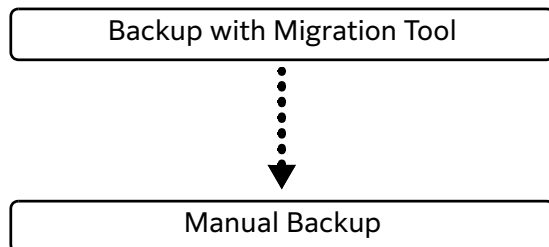


Refer

"ApeosWare Management Suite 1.4 backup using the migration tool" (P.22)

Obtaining migration data of ApeosWare Management Suite 1.4

Backup Flow



See "Backup of data not migrated by the utility" (P.26).

ApeosWare Management Suite 1.4 backup using the migration tool

Collect the database and backup data of the ApeosWare Management Suite based on the following procedure.

1. Log into a device with ApeosWare Management Suite 1.4 installed as an Administrator User.
2. Insert the ApeosWare Management Suite 2.2 installation media into the Migrate destination (ApeosWare Management Suite 1.4) main server, and then install .NET Framework 4.6.
 - (1) Open the following folder in the ApeosWare Management Suite 2.2 installation media.
 {Media Root Directory}\cm\apeos\basic\DotNetFrameWork46
 - (2) Run ndp461-kb3102436-x86-x64-allos-enu.exe, and then install .NET Framework 4.6 in the Migrate destination (ApeosWare Management Suite 1.4).
3. Copy the following folder that is included in the installation media for ApeosWare Management Suite 2.2 to any folder, and then run MigrationTool.exe.
 <root> (Root directory of installation media)\migrationtools\awms

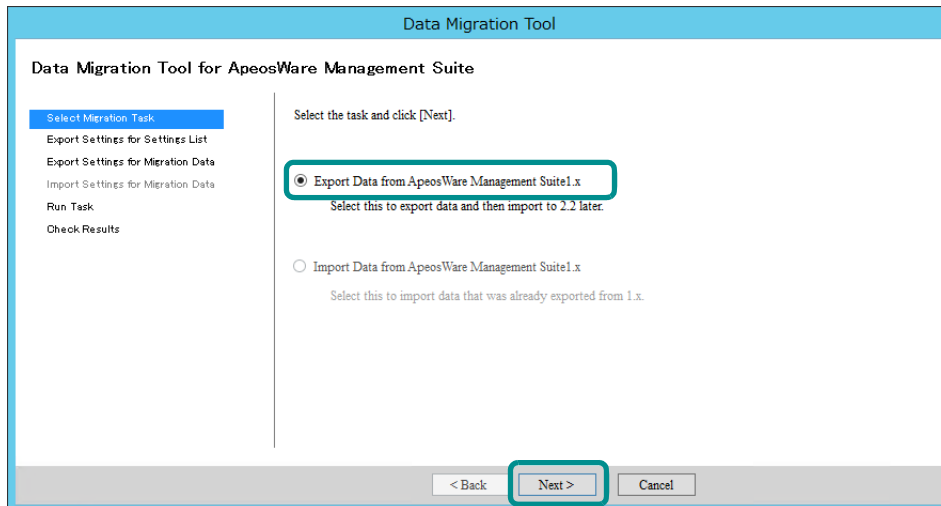


Note

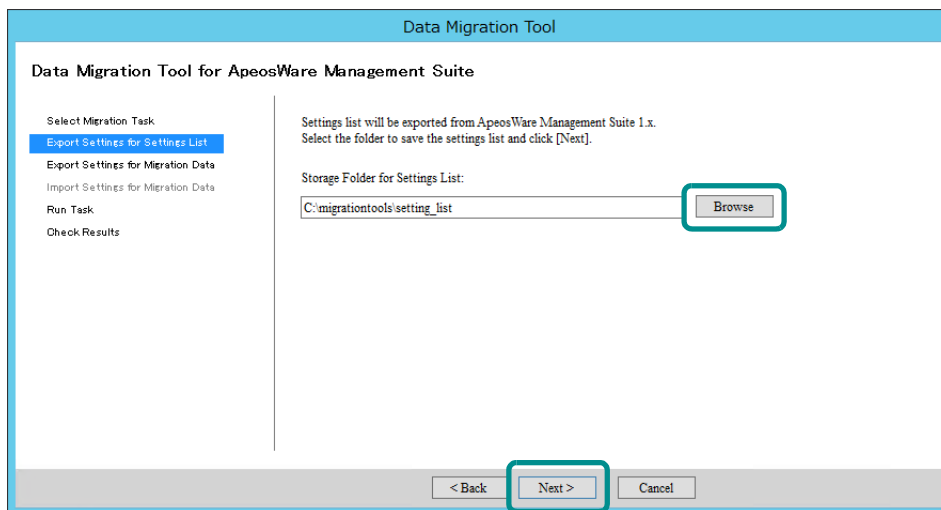
To execute this tool, all the services of the installed functions of ApeosWare Management Suite 1.4 need to be started. If they are not started, start all the services from the Windows Service Control Manager.

4. The migration tool will launch.
Change the display language if necessary.

5. Select [Export data from ApeosWare Management Suite 1.x], then click [Next].



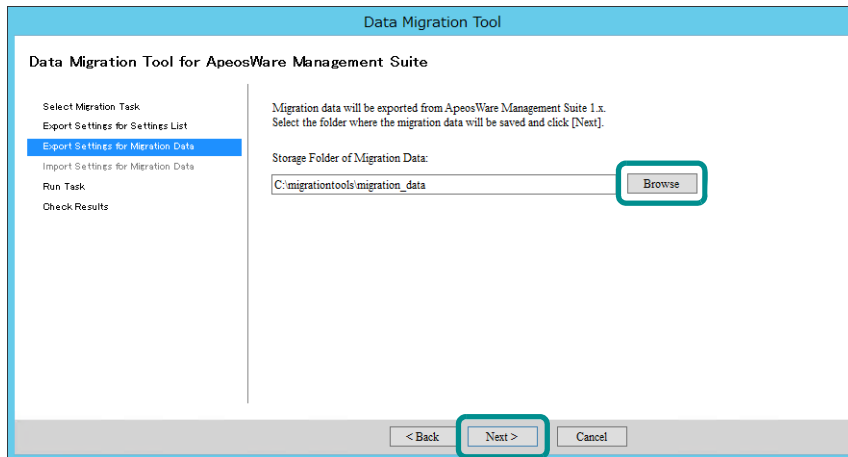
6. Click [Browse], then click [Next] after specifying the storage location of the settings list file.



Note

Depending on the destination to save such as a folder on the desktop, the reading authority and writing authority of the NETWORK SERVICE user must be set for the saving folder of the setting list.

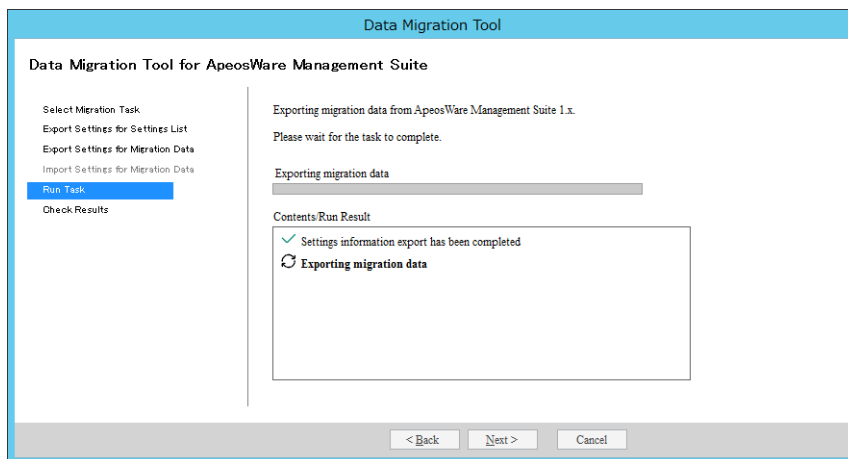
7. Click [Browse], specify the storage location of the migrate data file, then click [Next].



Note

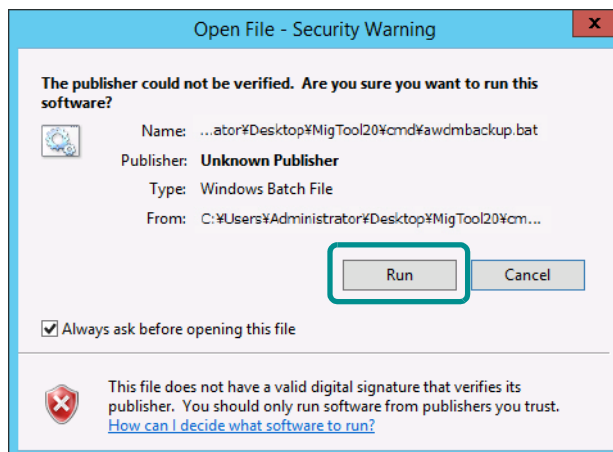
Depending on the destination to save such as a folder on the desktop, the reading authority and writing authority of the NETWORK SERVICE user must be set for the saving folder of the setting list.

8. The data exporting will commence simultaneously with the displaying of the progress bar. Wait a moment until the operation is complete.

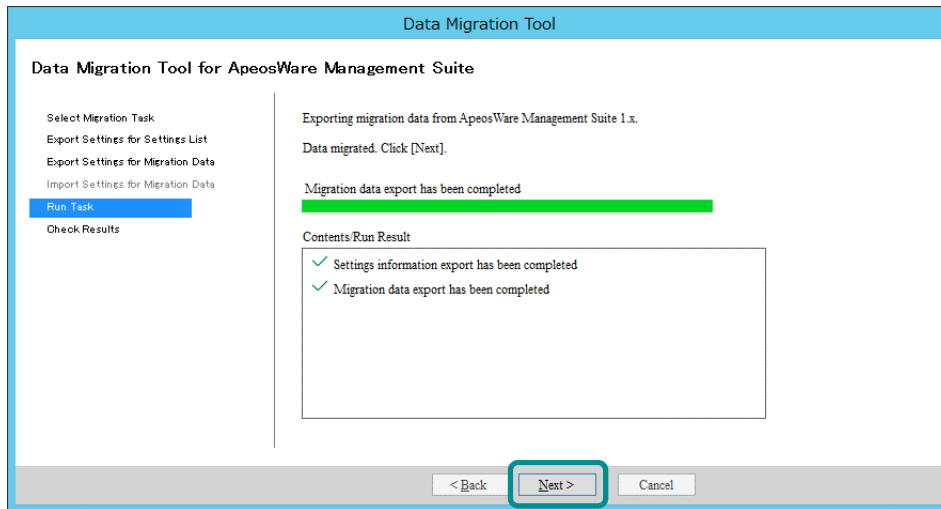


Note

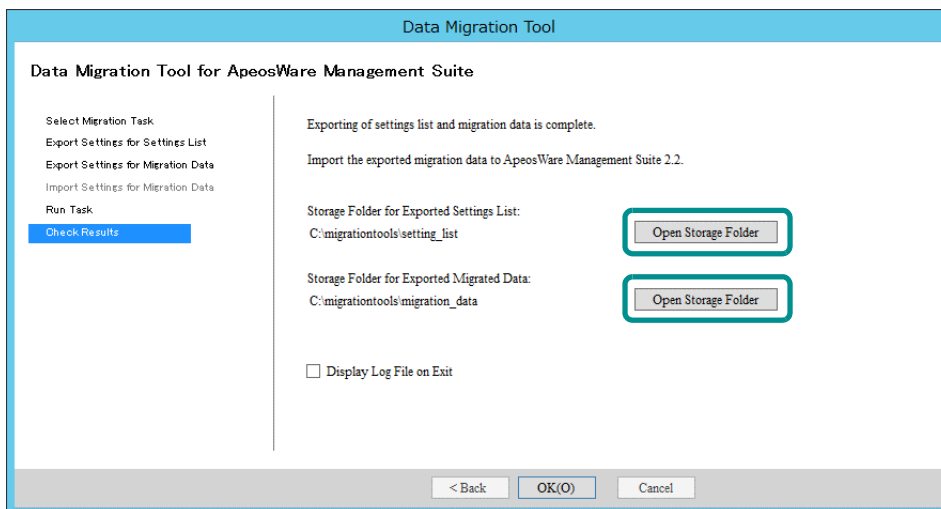
The dialog box may be displayed during file output. Click [Run] to continue.



9. Transition to the following screen after the migrate is complete.
Click [Next].



10. Click [Open Storage Folder] to open the settings list file and migrate data file saving folders, then save the "migration" folder and "setting_list" folder to the desired location.





Note

File structure output by the migration tool (Default: C:\awms\)

```

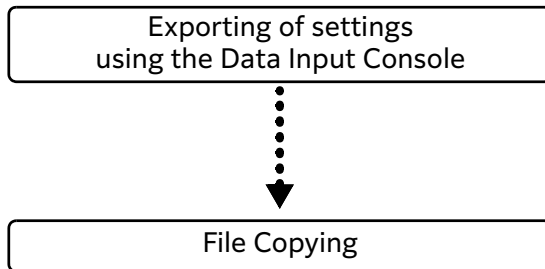
├─[migration_data] (Settings List File)
│   └─[backup_yyyymmdd-hhmmss*1]
│       └─[IM]
│           └─ (User Information Backup File)
│   . . .
│       └─[DM]
│           └─ (Device Information Backup File)
│   . . .
│       └─[PM]
│           └─ (Device Information Backup File)
│   . . .
├─[setting_list] (Migration Data File)
│   └─[setting_yyyymmdd-hhmmss]
│       └─[(Migration Source Version Number)]
│       └─IdentityManagement_setting_yyyymmdd-hhmmss.csv
│       └─DeviceManagement_setting_yyyymmdd-hhmmss.csv
│       └─LogManagement_setting_yyyymmdd-hhmmss.csv
│       └─PrintManagement_setting_yyyymmdd-hhmmss.csv
│       └─FlowManagement_setting_yyyymmdd-hhmmss.csv
│   . . .

```

*1 yyyymmdd-hhmmss indicates the year/month/day/hour/minute/second.

Backup of data not migrated by the utility

Perform using the following flow.



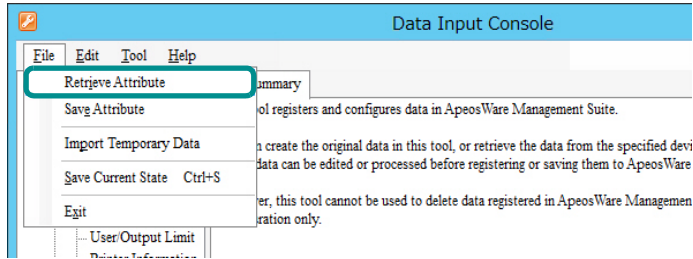
See “Exporting of settings using the Data Input Console (for 1.4)” (P.26).

See “Copy the file” (P.30).

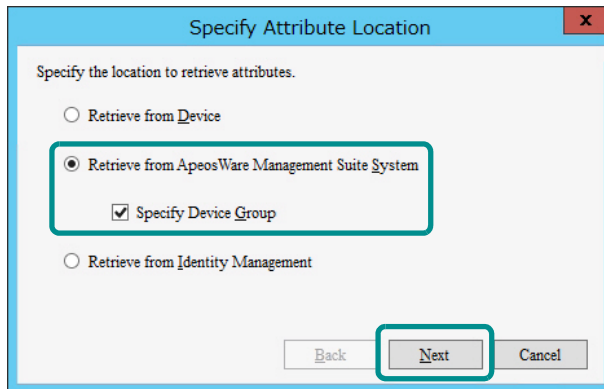
Exporting of settings using the Data Input Console (for 1.4)

1. Install Data Input Console (for 1.4) to the migration source environment.
2. Start up the Data Input Console.
3. Retrieve the following information ApeosWare Management Suite system using the following procedure.
 - [Device Management] > [User/User Permissions] (Local Authentication)
 - [Device Management] > [User/User Permissions] (Remote Authentication)

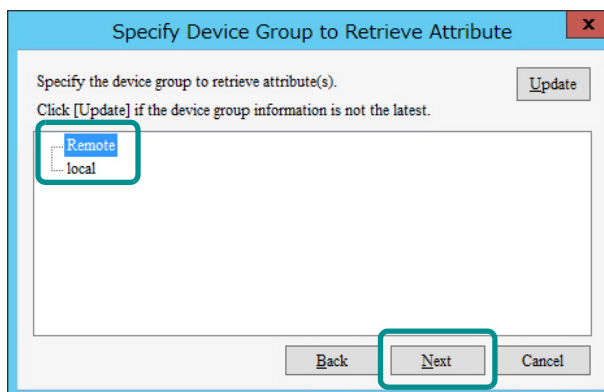
(1) Click [File] > [Retrieve Attribute], in that order.



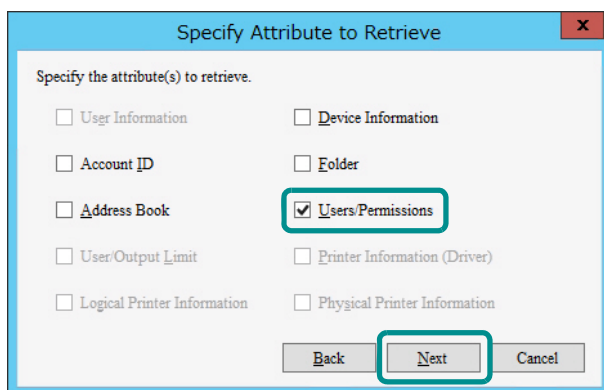
(2) Specify as per the screen, then click [Next].



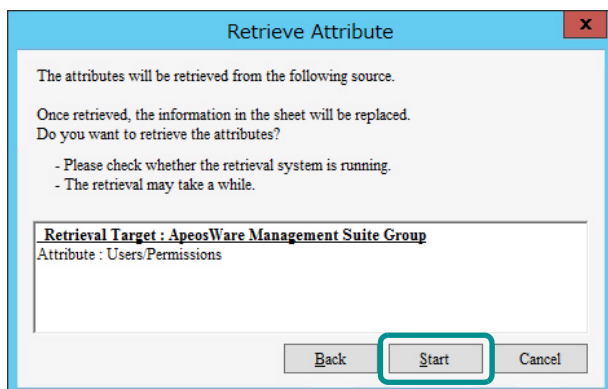
(3) Select the device group to retrieve the use permissions information, and then click [Next].



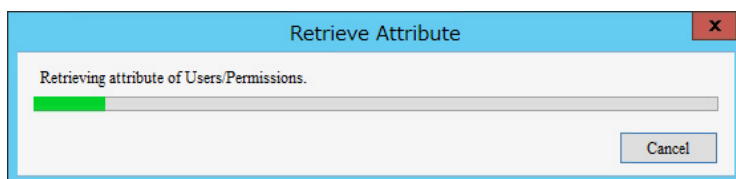
(4) Select [User/Use Permissions], and then click [Next].



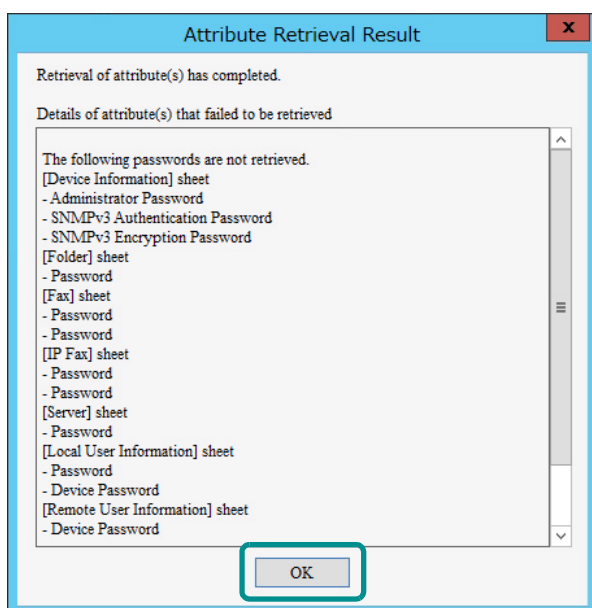
(5) Confirm the content, and then click [Start].



(6) Wait for a moment until data retrieval is complete.



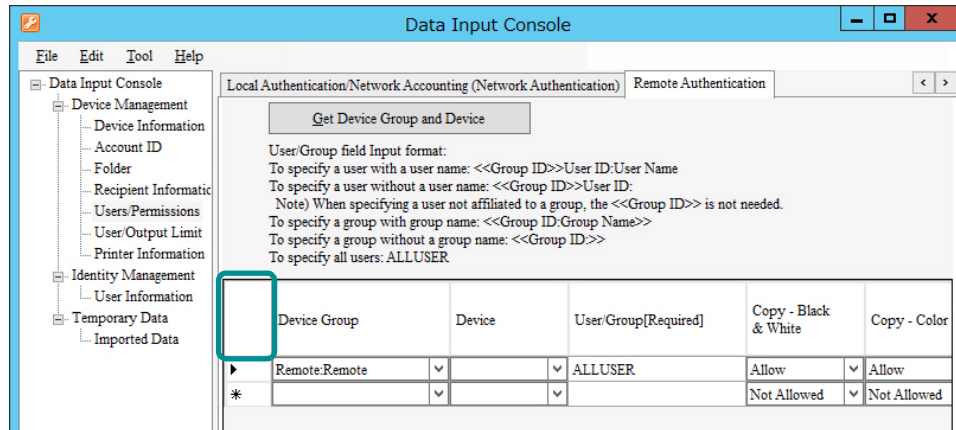
(7) The retrieval results will be displayed.
Confirm the content, then click [OK].



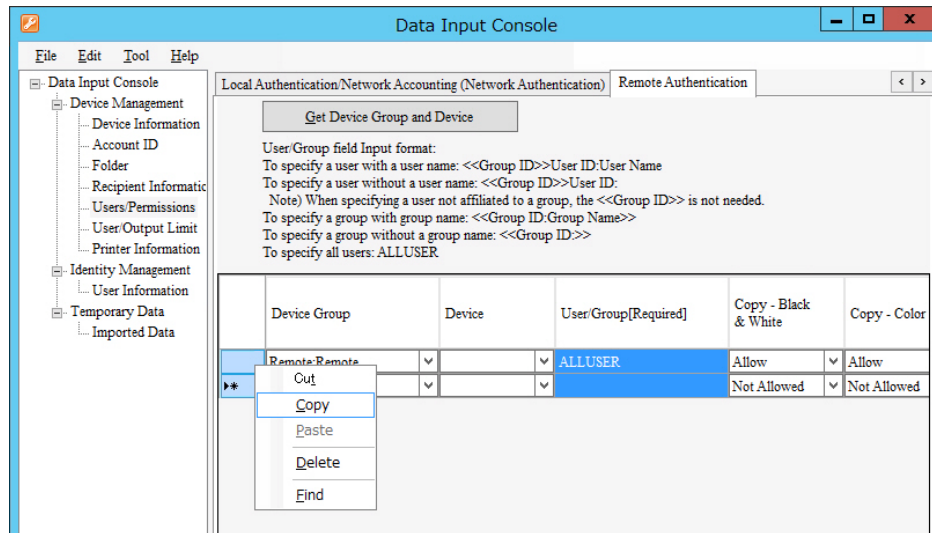
(8) Repeat (1) - (7) for all device groups.

4. Perform the following procedure and create local authentication use permissions information as an Excel file.

(1) Click the location marked on Data Input Console.



(2) Use the keyboard or mouse to copy all settings data.



(3) Paste all the data copied to the Excel as is.

| | A | B | C | D | E | F | G | H | I | J |
|---|---------------|---|---------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 1 | Remote:Remote | | ALLUSER | Allow | Allow | Allow | Allow | Allow | Allow | Allow |
| 2 | | | | Not Allowed | Not Allowed | Not Allowed | Not Allowed | Not Allowed | Not Allowed | Not Allowed |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |

(4) Refer to all the Data Input Console headers, and add the headers to the first line of the Excel.

| | A | C | D | E | F | G | H | I | J |
|---|---------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 1 | Device Group | User/User Group | Copy B/W | Limit | Copy Color | Limit | Print B/W | Limit | Print Color |
| 2 | Remote:Remote | ALLUSER | Allow | Allow | Allow | Allow | Allow | Allow | Allow |
| 3 | | | Not Allowed | Not Allowed | Not Allowed | Not Allowed | Not Allowed | Not Allowed | Not Allowed |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |

(5) Save in the desired file format.

5. See Step 4, and create the extra authentication use permissions information as an Excel file.

Copy the file

Paste all the data copied to a worksheet of the Excel as is.

- Job log file



Refer

"2. System Settings/Server Monitoring" > "Settings from a web browser" > "Job log setting" > "Saving of job log file" in the "ApeosWare Management Suite 2 Features Guide" (hereinafter referred to as "Features Guide")

- Use authority



Refer

Excel file for use authority information created in "Exporting of settings using the Data Input Console (for 1.4)" (P.26).

Invalidation of license of Flow Management 1.4

Invalidate and delete all the authenticated licenses of Flow Management 1.4.

If non-standard plug-ins are installed, uninstall them.

Invalidation of license of ApeosWare Management Suite 1.4

Invalidate and delete all the authenticated licenses of ApeosWare Management Suite 1.4.

Copy of migration data

Copy the migration data of ApeosWare Management Suite 1.4 and Flow Management 1.4 that you generated, obtained, and took notes of during the backup operation to the destination PC.

Uninstallation of Update Service 1.4

If Update Service 1.4 is installed, uninstall it.

Uninstallation of database

Uninstall the installed SQL Server and all the related modules.

Uninstallation Procedure for SQL Server 2008

1. Uninstall Microsoft SQL Server 2008 R2.
2. Uninstall Microsoft SQL Server 2008 R2 Native Client.

Uninstallation Procedure for SQL Server 2012

1. Uninstall Microsoft SQL Server 2012.
2. Uninstall Microsoft SQL Server 2012 Native Client.
3. Uninstall Microsoft Visual C++ 2010 x64 Redistributable.
4. Uninstall Microsoft Visual C++ 2010 x86 Redistributable.

ApeosWare Management Suite 2.2.3 Installation

Install ApeosWare Management Suite 2.2.3.



Note

- Confirm that the version of ApeosWare Management Suite is 2.2.3.0 or later.
- Complete installation so that the version 1.4 software configuration of the migration source is retained.
- If Update Service is installed in the source PC, install Update Service as well.
- As the license to be used for installation, specify the license for ApeosWare Management Suite 2.2.
- Before performing “Data transfer” (P.31), register all the licenses necessary for system configuration of the migration destination.

Installation of Flow Management 2.2.3

Execute the installation of Flow Management 2.2.3. Designate the shared system ID file downloaded in “Backup of data of Flow Management 1.4” at the time of installation. For the installation procedure, refer to “1. Setup” in “Setup Guide”.



Note

- Confirm that the version of Flow Management is 2.2.3.0 or later.
- If the shared system ID file is not designated, the flow cannot transfer.
- When you are using the Form Analysis function, also install Paper Form Management.
- As the license to be used for installation, specify the license for Flow Management 2.2.
- Before performing “Data transfer” (P.31), register all the licenses necessary for system configuration of the migration destination.

When using non-standard plug-ins

Install this when using non-standard plug-ins.



Note

For the installation procedure, refer to the plug-in manual.

Backup of ApeosWare Management Suite 2.2.3/Flow Management 2.2.3

Use the backup command of ApeosWare Management Suite 2.2.3 to make a backup of ApeosWare Management Suite 2.2.3/Flow Management 2.2.3. For details, refer to “Features Guide” > “12 Maintenance” > “Backup and Restoration”.

If the migration using the migration tool fails, use the restoration command of ApeosWare Management Suite 2.2.3 to restore ApeosWare Management Suite 2.2.3/Flow Management 2.2.3 so as to restore the state to before the execution of migration tool.

Data transfer

Execute the ApeosWare Management Suite 2.2.3 transfer tool to transfer data from ApeosWare Management Suite 1.4 to ApeosWare Management Suite 2.2.3.

1. Log in to the PC, which has ApeosWare Management Suite 2.2.3 installed, as a user of the Administrators group.

2. Copy the following folder that is included in the installation media for ApeosWare Management Suite 2.2.3 to any folder, and then run MigrationTool.exe.

<root> (Root directory of installation media)\migrationtools\awms



Note

- To execute this tool, all the services of the installed functions of ApeosWare Management Suite 2.2.3 need to be started. If they are not started, start all the services from the Windows Service Control Manager.
- If user groups (except existing groups) and/or device groups are created in the migration destination of ApeosWare Management Suite 2.2.3, data are not migrated correctly. If user groups (except existing groups) and/or device groups are created, delete them before performing the migration procedure.

3. The migration tool launches.

Change the display language if necessary.

4. Transition to the following screen.

Select [Import Data from ApeosWare Management Suite 1.x.] and click [Next].

5. Designate the item shown below in [Import Setting for Migration Data] and click [Next].

| Feature | Description | Input range |
|---|---|---|
| [Job Log Target to Collect Log from Device] | <p>Specify the period of job log to collect from the device after the migration. When all the job logs of aggregation target are remained on the device, specify the job logs that are recorded after the migration. If not, specify all the job logs on the device.</p> <p> Note The pre-migration and post-migration environments cannot be used concurrently.</p> | <ul style="list-style-type: none">• [Only Job Logs Recorded After the Migration] (Default)• [Include job logs recorded before the migration] |
| [Data Target to Be Updated to the Device] | <p>If necessary, specify whether to reapply to the devices after the migration.</p> | <ul style="list-style-type: none">• [Only Data Changed After the Migration] (Default)• [Includes migration data (Data migrated after the migration will be updated to the device)] |

Data Migration Tool

Data Migration Tool for ApeosWare Management Suite

Select Migration Task
 Export Settings for Settings List
 Export Settings for Migration Data
Import Settings for Migration Data
 Run Task
 Check Results

Migration data has been imported to ApeosWare Management Suite 2.2.
 Select the folder where the migration data to be imported is stored and the processing settings of the migration target, then click [Next].

Storage Folder of Migration Data to be Imported:

Processing Settings for Migration Target Server
 Job Log Target to Collect Log from Device
☒ Only Job Logs Recorded After the Migration
☐ Include job logs recorded before the migration

Data Target to Be Updated to the Device
☒ Only Data Changed After the Migration
☐ Includes migration data (Data migrated after the migration will be updated to the device)

< Back **Next >** Cancel



Note

Migration Tool may show the dialog as below. Click [Yes] to continue.

Data Migration Tool

? The update interval to the device is set to "Off". Are you sure?

Yes No

The data migration will commence with the displaying of the progress bar.

6. When the migration tool shows [Migration has been completed.] in wizard, click [Next].

Data Migration Tool

Data Migration Tool for ApeosWare Management Suite

Select Migration Task
 Export Settings for Settings List
 Export Settings for Migration Data
 Import Settings for Migration Data
Run Task
 Check Results

Importing migration data to ApeosWare Management Suite 2.2.
 Data migrated. Click [Next].

Migration has been completed

Contents/Run Result

- ✓ Data migration preparation has been completed
- ✓ Device group import has been completed
- ✓ Device information import has been completed
- ✓ Recipient information import has been completed
- ✓ Folder information import has been completed
- ✓ DM printer information import has been completed
- ✓ DM Administrator information import has been completed

< Back **Next >** Cancel



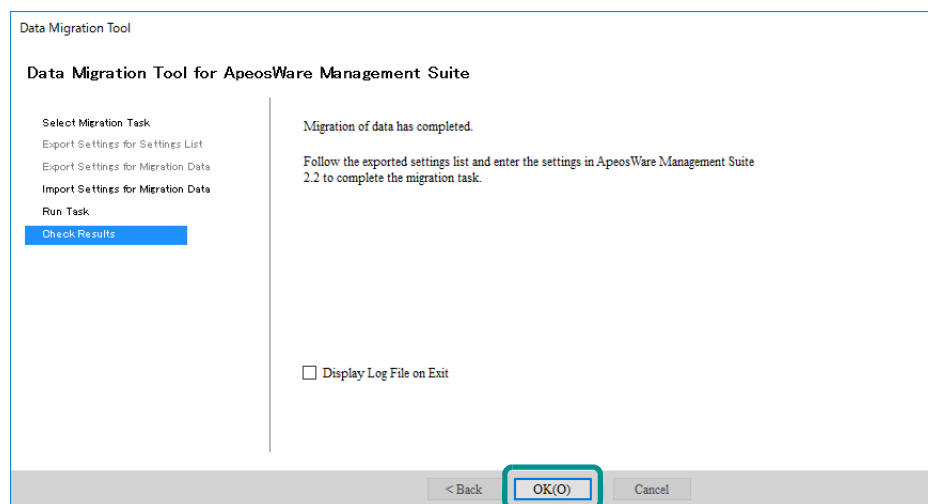
Note

If some data that is already registered in the migration source is registered to the migration destination of ApeosWare Management Suite redundantly, the data will not be migrated. To check whether the data is redundant, refer to the following table.

| Type of Migrate Data | Identified Data |
|----------------------|--|
| Device | Composite key of product code and serial number, Host Name |
| Device Group | Device Group ID |
| Physical Printer | PrinterName properties |

| Type of Migrate Data | Identified Data |
|----------------------|--|
| Print Queue | PrinterName properties |
| User | User ID |
| User Group | User Group ID |
| Address Book | Composite key of speed dial number and Device Group ID |
| Folder | Composite key of Folder and Device Group ID |

Transition to the following screen.

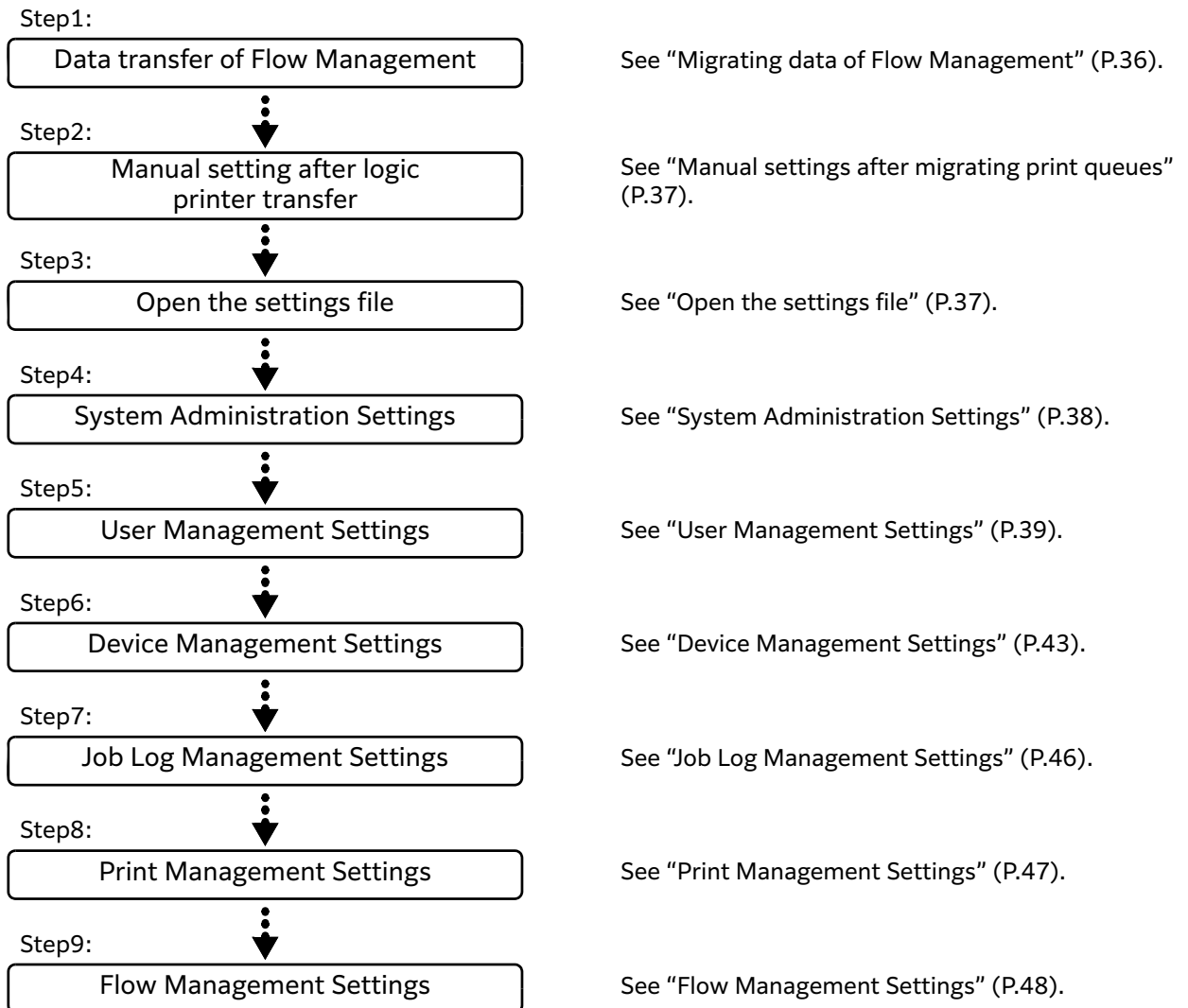


7. Confirm the result of migration, then click [OK].

8. Click [Finish].

ApeosWare Management Suite 2.2.3 Settings

Using the following flow, manually set various items of information from the WebUI, etc., to the ApeosWare Management Suite 2.2.3.



Migrating data of Flow Management

Import the flow definitions exported in "Obtaining migration data of Flow Management 1.4" (P.21) to Flow Management 2.2.3.



Refer

"3. Configuring Flows" > "Operating the Flow" > "Uploading the Flow" in the "Features Guide Flow Management Option".



Note

When flows of Flow Management are downloaded/uploaded, the information of users and devices contained in the flows may have discrepancies. When you uploaded flows during the migration procedure, make sure to confirm the uploaded flows on the edit screen, and revise them as necessary.

When you are using the Form Analysis function, use Paper Form Management to re-register the backed up form template to the same Management Group, and create the form again.



Note

After the migration, the forms created using Flow Management 1.4 become no longer usable. Download and use the forms you created in the migrated environment.

1. Using Paper Form Management, create Management Group that you took notes of while making the backup of Flow Management 1.4.



Refer

"6. Paper Form Function" > "Creating Form Management Groups / Forms" > "Creating a New Form Management Group" in the "Features Guide Flow Management Option".

2. To each Management Group created in step 1, register the form template you downloaded during making the backup of Flow Management 1.4.



Refer

"6. Paper Form Function" > "Creating Form Management Groups / Forms" > "Registering New Form Templates" in the "Features Guide Flow Management Option".



Note

To Management Group you took notes of during making the backup of Flow Management 1.4, re-register the form template.

3. From the form template you registered in step 2, create the form.



Refer

"6. Paper Form Function" > "Creating Form Management Groups / Forms" > "Creating the Form" in the "Features Guide Flow Management Option".

Manual settings after migrating print queues

For ApeosWare Management Suite 2.2.3, when migrating from Print Management to Print Queue, make the following associations.

- Making association with print server
- Making association with device group or device



Note

In case of migrating the data in the same server, uninstall ApeosWare Management Suite 1.4 first, and then perform the following operation. At this time, check that log4cxx.dll is stored in the system folder (example: C:\Windows\System32) and do not delete it.

1. Access to the administrator screen of ApeosWare Management Suite, and select [Service Settings] > [Print Management] > [Print Server List] and set [Add Server].
2. Associate the printer queue.
 - (1) Start the collective setting tool and perform [Retrieve Attribute] of the print queue.
 - (2) Set [Print Server] for the print queue.
 - (3) Make the Print Queue association with device group or device.
 - (4) Execute [Save Attribute].
 - (5) When the data is migrated in the same server, Windows shared printer is offline. Remove a check mark from [Use Printer Offline] to change it to online.

Open the settings file

1. Open all the following settings files output by Migration Tool using Excel, etc.

| Settings List File Name | File Name |
|--|--|
| Identity Management Settings File | IdentityManagement_setting_yyyymmdd-hhmmss.csv ^{*1} |
| Device Management Settings File | DeviceManagement_setting_yyyymmdd-hhmmss.csv ^{*1} |
| Authentication Management Setting File | AuthenticationManagement_setting_yyyymmdd-hhmmss.csv ^{*1} |
| Log Management Settings File | LogManagement_setting_yyyymmdd-hhmmss.csv ^{*1} |
| Print Management Settings File | PrinterManagement_setting_yyyymmdd-hhmmss.csv ^{*1} |
| Flow Management Settings File | FlowManagement_setting_yyyymmdd-hhmmss.csv ^{*1} |
| Update Service Setting File | UpdateService_setting_yyyymmdd-hhmmss.csv ^{*1} |

*1 yyyymmdd-hhmmss indicates the year/month/day/hour/minute/second.

System Administration Settings

1. Open the ApeosWare Management Suite Administrator Screen, then login as a System Administrator.
2. Click [System Settings] > [Network Settings], in that order.
3. See the information on [Send E-mail Settings] in the Identity Management settings file as well as the information on [Send E-mail Settings] and [Communication Options Settings] in the Device Management settings file, and configure the SMTP server.



Refer

"2. System Settings/Server Monitoring" > "Settings from a web browser" > "Network Settings" in the "Features Guide".

| | A | B | C |
|-----|------------------------------|----|---|
| 96 | | | |
| 97 | Send E-mail Settings | | |
| 98 | Sender Name | | |
| 99 | Sender E-mail Address | | |
| 100 | SMTP Server Name | | |
| 101 | SMTP Port Number | 25 | |
| 102 | SMTP Outgoing Authentication | | |
| 103 | | | |

| Identity Management Settings Attribute File Device Management Settings Attribute File | | 2.2.3 Administrator Screen [System Settings] > [Network Settings] |
|--|--|---|
| Identity Management | Sender Email Address | SMTP - Sender e-mail address |
| Identity Management | SMTP Server Name | SMTP - Server Name |
| Identity Management | SMTP Port Name | SMTP - Port Number |
| Identity Management | SMTP Outgoing Authentication | SMTP Outgoing Authentication |
| Device Management | Communication Options Settings: SMTP Connection Timeout | SMTP - Connection Timeout |
| Device Management | Communication Options Settings: SMTP Communication Timeout | SMTP - Communication Timeout |

User Management Settings

1. Open the ApeosWare Management Suite WebUI, and log in as System Administrator.
2. Click [Service Settings] > [User Management] > [Authentication Settings], in that order.
3. Refer to [Authentication Settings] in the Identity Management setting file. From the Administrator screen, set the user management authentication as follows.



Refer

“4. User Management” > “Settings and Confirmation in a Web Browser” > “Authentication Settings” in the “Features Guide”

| Identity Management Settings Attribute File | 2.2.3 Administrator Screen [Service Settings] > [User Management] > [Authentication Settings] |
|---|--|
| Valid Period Since Last Login | Valid period since last login by user |
| Minimum Character Count | Minimum Character Count |
| Valid Character Type | Character type required to use |
| Expiration Date Settings | Password Expiration Date |
| Reuse Password | Restrict Password Reuse |
| Password Reuse Count | Number of past passwords that restricts reuse |
| Lockout when login fails | Lockout when login fails |

| | A | B | C | D | E |
|----|---|-------------------|---|---|---|
| 39 | | | | | |
| 40 | Authentication Settings | | | | |
| 41 | Card ID Search Order | Local User First | | | |
| 42 | Next-domain Auth. Check If Communication with External Domain Fails | FALSE | | | |
| 43 | Use Global Catalog for Attribute Search | FALSE | | | |
| 44 | Match Case | FALSE | | | |
| 45 | Authentication Mode | Auto Login | | | |
| 46 | Auto Login Validity Period | 10080 | | | |
| 47 | Continue Auto Login When Session Expires | TRUE | | | |
| 48 | Valid Period Since Last Login | 30 | | | |
| 49 | Minimum Character Count | 8 | | | |
| 50 | Valid Character Type | Lowercase/Numbers | | | |
| 51 | Expiration Date Settings | FALSE | | | |
| 52 | Reuse Password | TRUE | | | |
| 53 | Password Reuse Count | 5 | | | |
| 54 | Lockout when Login Fails | FALSE | | | |
| 55 | Sub User Setting for Job Listing | FALSE | | | |
| 56 | Sub User Login | FALSE | | | |
| 57 | Default Realm | Local User | | | |
| 58 | Login for Local User Without Password | FALSE | | | |
| 59 | Timeout | Auto | | | |
| 60 | | | | | |

ApeosWare Management Suite Apeos Administrator (apeos_admin) - Logout | Language - English | User Portal | Help

Portal Report Device/Job Status Service Settings System Settings

User Management Service Settings / User Management / Authentication Settings

^ User Group List

Users

Access Profile List

User Import List

Domains

Authentication Settings

FUJIFILM BI Direct

Federation

Authentication Settings

Configure the settings for authentication.

User Authentication settings

☐ Allow User self-registration

☐ Lockout when Login Fails

*Valid Period Since Last Login by User (1-365 day(s))

30 -- + Day(s)

*Remote Authentication Timeout

Auto

☐ Clear local user data when browsing external authentication information

☒ Prioritize local during card authentication

☒ Check user validity for Active Directory/LDAP during card authentication

☐ Enforce PIN/password during device authentication

PIN/Password Basic Settings

*Minimum Character Count

4 -- + (0-50 characters)

Required character type

☐ Numbers (0, 1, 2,..., 9)

☐ Uppercase (A, B, C,..., Z)

☐ Lowercase (a, b, c,..., z)

☐ Symbols

PIN/Password Detailed Settings

☒ Restrict Password Reuse

*Number of past passwords that restricts reuse

5 -- +

☐ Password Expiration Date

Device Login Credentials Storage Settings

4. When using a remote user synchronization with the migration source (ApeosWare Management Suite 1.4), configure the following settings.

- (1) Use the [Remote Domain Information (Active Directory)] and [Remote Domain Information (LDAP)] information in the Identity Management settings file and register to the AD/LDAP server.



Refer

"4. User Management" > "Settings and Confirmation in a Web Browser" > "Domains" > "Adding domains" in the "Features Guide".

| | A | B | C | D | E |
|----|---|---------------|---------------------|---|---|
| 1 | Remote Domain Information (Active Directory) | | | | |
| 2 | Remote Domain Information (Active Directory)1 | | | | |
| 3 | Domain Name | at.local | | | |
| 4 | Login Name for Domain User Query | Administrator | | | |
| 5 | Enable LDAPS Communication with Active Directory Server | FALSE | | | |
| 6 | Scope | | | | |
| 7 | Scope1 | OU=AWMS | User,DC=at,DC=local | | |
| 8 | Authenticating Domain Controller Priority | | | | |
| 9 | | | | | |
| 10 | | | | | |
| 11 | Remote Domain Information (LDAP) | | | | |
| 12 | | | | | |
| 13 | | | | | |

- (2) See [Remote Domain Information (Active Directory)] and [Remote Domain Information (LDAP)], and specify the user import settings domain and management scope.



Refer

"4. User Management" > "Settings and Confirmation in a Web Browser" > "User Import List [Account Import] Tab" in the "Features Guide"

| Settings List File Attribute Names | 2.2.3 Administrator Screen [Service Settings] > [User Management] > [User Import List] > [Create Import] > [Inbound Channel Details] |
|------------------------------------|---|
| Domain Name | Domain |
| Scope | Management Scope |

| | A | B | C | D | E |
|----|---|---------------|---------------------|---|---|
| 1 | Remote Domain Information (Active Directory) | | | | |
| 2 | Remote Domain Information (Active Directory)1 | | | | |
| 3 | Domain Name | at.local | | | |
| 4 | Login Name for Domain User Query | Administrator | | | |
| 5 | Enable LDAPS Communication with Active Directory Server | FALSE | | | |
| 6 | Scope | | | | |
| 7 | Scope1 | OU=AWMS | User,DC=at,DC=local | | |
| 8 | Authenticating Domain Controller Priority | | | | |
| 9 | | | | | |
| 10 | | | | | |
| 11 | Remote Domain Information (LDAP) | | | | |
| 12 | | | | | |

+

User Import

*Required

Select Inbound Channel

Inbound Channel Details

Attribute Mapping

Confirm Mapping

Schedule Settings

1

2

3

4

5

Inbound Channel

*Domain

at.local

▼

*Management Scope

Select

i

Filter

i

Import Processing Method

Add

Update

Add/Update

Delete

All

Back

Next

Cancel

- (3) See [User Synchronization Settings - General (for Active Directory/LDAP)] information of the Identity Management settings file, and link the AD/LDAP attribute with the User Management user attribute.

| A | B |
|---|--------------------|
| 62 User Synchronization Settings - General (for Active Directory) | |
| 63 Account Format | SAM Format |
| 64 User ID: | sAMAccountName |
| 65 User Name: | displayName |
| 66 Card ID: | description |
| 67 Device Password: | LocalProperty |
| 68 E-mail Address: | mail |
| 69 Unique Alphanumeric ID: | sAMAccountName |
| 70 Organization | department |
| 71 Storage Location | LocalProperty |
| 72 | |
| 73 | |
| 74 User Synchronization Settings - General (for LDAP) | |
| 75 As LDAP User Object Class | user |
| 76 As LDAP Group Object Class | organizationalUnit |
| 77 User ID: | uid |
| 78 User Name: | displayName |
| 79 Card ID: | LocalProperty |
| 80 Device Password: | LocalProperty |
| 81 E-mail Address: | mail |
| 82 Unique Alphanumeric ID: | employeeNumber |
| 83 Organization | department |
| 84 Storage Location | LocalProperty |
| 85 | |

User Import

*Required

Select Inbound Channel Inbound Channel Details **Attribute Mapping** Confirm Mapping Schedule Settings

1 2 3 4 5

User Settings 1

| Attribute Mapping | Value |
|-------------------|----------------------|
| First Name | {givenName} ✓ + |
| Last Name | {sn} ✓ + |
| Display Name | {displayName} ✓ + |
| Furigana | ✓ + |
| Index | ✓ + |
| E-mail Address | {mail} ✓ + |
| *User ID | {sAMAccountName} ✓ + |
| Alternate User ID | ✓ + |

☒ Associate User with User Group

| User Group | Value |
|---------------------------|---|
| User Group to Associate | <input type="radio"/> Existing <input checked="" type="radio"/> Create |
| How to Create | <input type="radio"/> Specify Attribute/Group Name 1 <input checked="" type="radio"/> Select OU 1 |
| OU that creates the group | <input type="radio"/> All OU 1 <input checked="" type="radio"/> Select OU Hierarchy 1 |
| No. of OU Hierarchy | <input type="text"/> - + 1 |
| Parent User Group* | Default Group <input type="button" value="Edit"/> |
| Access Profile | No ✓ |

- (4) See [User Synchronization Settings - General (for Active Directory/LDAP)] in the Identity Management settings file and [User Synchronization Settings: Group Mode] in the Device Management settings file, and link the OU and User Management user group attributes.



"4. User Management" > "Settings and Confirmation in a Web Browser" > "User Import List [Account Import] Tab" in the "Features Guide".

| | A | B |
|----|--|---|
| 1 | Alternate Name | |
| 2 | | |
| 3 | | |
| 4 | User Synchronization Settings: Group Mode | Normal Synchronization |
| 5 | | |
| 6 | | |
| 7 | Device Update Conditions: Device Auto Update Method | Update new information on device periodically |
| 8 | Device Update Conditions: Update Interval | By 10 Minute(s) |
| 9 | | |
| 10 | | |
| 11 | Status Notification Settings | |
| 12 | | |
| 13 | | |
| 14 | Auto Device Search: Auto Search Schedule | Never |
| 15 | | |
| 16 | | |
| 17 | Send E-mail Settings: Sender | |
| 18 | Send E-mail Settings: SMTP Server Name | |
| 19 | Send E-mail Settings: SMTP Port Number | 25 |
| 20 | Send E-mail Settings: SMTP Outgoing Authentication | No Authentication Required |
| 21 | | |
| 22 | | |
| 23 | Communication Options Settings: SNMP Retry Interval | 5000 |
| 24 | Communication Options Settings: SNMP Retry Count | 2 |
| 25 | Communication Options Settings: SMTP Connection Timeout | 60000 |
| 26 | Communication Options Settings: SMTP Communication Timeout | 60000 |
| 27 | | |
| 28 | | |
| 29 | Date Display Settings | yyyy/mm/dd |

User Import

Select Inbound Channel Inbound Channel Details **Attribute Mapping** Confirm Mapping Schedule Settings

1 2 3 4 5

User Settings ⓘ

| Attribute Mapping | Value |
|-------------------|----------------------|
| First Name | {givenName} ⓘ + |
| Last Name | {sn} ⓘ + |
| Display Name | {displayName} ⓘ + |
| Furigana | ⓘ + |
| Index | ⓘ + |
| E-mail Address | {mail} ⓘ + |
| *User ID | {sAMAccountName} ⓘ + |
| Alternate User ID | ⓘ + |

☒ Associate User with User Group

| User Group | Value |
|---------------------------|---|
| User Group to Associate | <input type="radio"/> Existing <input checked="" type="radio"/> Create |
| How to Create | <input type="radio"/> Specify Attribute/Group Name ⓘ <input checked="" type="radio"/> Select OU ⓘ |
| OU that creates the group | <input type="radio"/> All OU ⓘ <input checked="" type="radio"/> Select OU Hierarchy ⓘ |
| No. of OU Hierarchy | ⓘ + ⓘ |
| Parent User Group* | Default Group <input type="button" value="Edit"/> |
| Access Profile | No ⓘ |

| Device Management Settings File | 2.2.3 Administrator Screen [Service Settings] > [User Management] > [User Import List] | Set Value |
|---------------------------------|--|---|
| - | Group to Associate | Create |
| Group Mode | How to Create | If attribute synchronization, specify the attributes listed in the Device Management settings file If ordinary synchronization, specify OU |
| - | Parent User Group | (Any) |

- (5) Because the schedule is set to confirm operation, set to [Manual Update], then create user import settings for other items as desired.
- (6) Use the created import settings, and confirm that remote users can be imported.
- (7) Display the import settings properties, then reconfigure the schedule settings at appropriate intervals.

Device Management Settings

1. Reference the following items of the Device Management settings file, then configure automatic application for devices and automatic registration settings.



Refer

"3. Device Management" > "Settings and Confirmation in a Web Browser" > "Device Auto Registration Settings", "Settings of update conditions of device data" in the "Features Guide".

| | |
|---|---|
| Settings List File Attribute Names | 2.2.3 Administrator Screen [Service Settings] > [Device Management] > [Settings] > [Device Data Condition Update Settings] |
| Device Update Conditions: Device Auto Update Method | Auto Update Schedule |
| Device Update Conditions: Update Interval | Update Interval |
| Settings List File Attribute Names | 2.2.3 Administrator Screen [Service Settings] > [Device Management] > [Settings] > [Device Auto Registration Settings] |
| Auto Device Search: Auto Search Schedule | Auto Registration Schedule |

2. Add the information regarding use limitations for local authentication and remote authentication as an Excel file using "Backup of data not migrated by the utility" (P.26) to each line of the Excel file as an access profile so that it is operable with the device group in question. For file perspectives, refer to the following.

Create Access Profile

Perform setup for the new Access Profile.

*Required

Access Profile Settings Associate With Print Queue **Associate With Devices / Device Groups** Device/Device Group Permission Settings Summary

1 — 2 — 3 — 4 — 5

Associate With Device Groups ☒ Yes ☐ No **i**

Associate All Device Groups ☐

Device Group to Associate *

Add Delete Delete All

☐ Device Group Name Authentication/Accounting Mode

☐ Local Local Authentication/Local Accounting (Local Authentication)

50 item(s) 1 - 1(1 item(s))

Device Group Name ID: Device Group Name
(For ApeosWare Management Suite 2.2.3, device group IDs are not used)

| | A | C | D | E | F | G | H | I | J |
|---|---------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 1 | Device Group | User/User Group | Copy B/W | Limit | Copy Color | Limit | Print B/W | Limit | Print Color |
| 2 | Remote:Remote | ALLUSER | Allow | Allow | Allow | Allow | Allow | Allow | Allow |
| 3 | | | Not Allowed | Not Allowed | Not Allowed | Not Allowed | Not Allowed | Not Allowed | Not Allowed |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |

| | A | C | D | E | F | G | H | I | J |
|---|---------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 1 | Device Group | User/User Group | Copy B/W | Limit | Copy Color | Limit | Print B/W | Limit | Print Color |
| 2 | Remote:Remote | ALLUSER | Allow | Allow | Allow | Allow | Allow | Allow | Allow |
| 3 | | | Not Allowed | Not Allowed | Not Allowed | Not Allowed | Not Allowed | Not Allowed | Not Allowed |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |

Device function Permissions

Create Access Profile

Perform setup for the new Access Profile.

*Required

Access Profile Settings Associate With Print Queue Associate With Devices / Device Groups **Device/Device Group Permission Settings** Summary

1 — 2 — 3 — 4 — 5

Set Permission to Device Group ☒ Yes ☐ No **i**

Device Group* Print* Copy* Scan* Fax* Others

Local ☒ Black & White ☒ Black & White ☒ Allow ☒ Allow -

☒ Color ☒ Color

Set Permission to Device ☐ Yes ☒ No **i**

3. Associate all of Access Profile created in Step 2 with the users/user groups listed in the Excel file created with "Backup of data not migrated by the utility" (P.26). If the "User/User/Group" lines of the Excel file are ALLUSER, associate them with all users/user groups.

| | A | B | C | D | E | F | G | H | I | J |
|---|---------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---|
| 1 | Device Group | User/User Group | Copy B/W | Limit | Copy Color | Limit | Print B/W | Limit | Print Color | |
| 2 | Remote:Remote | ALLUSER | Allow | Allow | Allow | Allow | Allow | Allow | Allow | |
| 3 | | | Not Allowed | Not Allowed | Not Allowed | Not Allowed | Not Allowed | Not Allowed | Not Allowed | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |

ALLUSERS : Associate Access Profiles so that it is applied to all users

Job Log Management Settings

1. Copy the job log files with Windows Explorer as follows.
(Destination) {ApeosWare Management Suite Data Folder}\joblog
(ApeosWare Management Suite Data Folder Default): C:\Fuji Xerox\ApeosWare MS 2\Data
2. Refer to the following items of the Log Management settings file, and configure each function related to job log functions.



Refer

"2. System Settings/Server Monitoring" > "Settings from a web browser" > "Job Log Settings" in the "Features Guide".

| Log Management Settings File Attribute Name | 2.2.3 Administrator Screen [System Settings] > [Common Settings] > [Job Log Settings] > [Save Job Log File] Tab |
|---|---|
| Job Log Folder | Path (Set to [Local]) |
| Log Management Settings File Attribute Name | 2.2.3 Administrator Screen [System Settings]> [Common Settings]> [Job Log Settings] > [Job Log Retention Period] Tab |
| Job Log Retention Period | Retention period for job log in database |
| Log Management Settings File Attribute Name | 2.2.3 Administrator Screen [System Settings]> [Common Settings]> [Job Log Settings] > [Accounting Settings] Tab |
| Job Owner Identification Settings: Order to Evaluate the Job Owner | Job Owner Identification Method |
| Job Owner Identification Settings: Alternate Text When User is Unknown | User name for unidentified cases |
| Daily Accounting Data Rebuild Settings: Rebuild Daily Accounting Data When Creating Next Report | Rebuild Accounting Results |

| | | | | | |
|----|---|-------------------------------------|---|---|---|
| 1 | Job Log Retention Period | 62 | C | D | E |
| 2 | | | | | |
| 3 | | | | | |
| 4 | Charge Information | | | | |
| 5 | Charge Information1 | | | | |
| 6 | Unit Cost | 10 | | | |
| 7 | Model | * | | | |
| 8 | Identification ID | * | | | |
| 9 | Service Type | * | | | |
| 10 | Paper Size | * | | | |
| 11 | | | | | |
| 12 | | | | | |
| 13 | Output Count Unit Settings: Unit Cost | Dollar | | | |
| 14 | | | | | |
| 15 | | | | | |
| 16 | Job Owner Identification Settings: Order to Evaluate the Job Owner | "Card No.,User Name,Job Owner Name" | | | |
| 17 | Job Owner Identification Settings: Alternate Text When User is Unknown | | | | |
| 18 | | | | | |
| 19 | | | | | |
| 20 | Daily Accounting Data Rebuild Settings: Rebuild Daily Accounting Data When Creating Next Report | FALSE | | | |
| 21 | | | | | |
| 22 | | | | | |
| 23 | Job Log Folder | C:\Fuji Xerox\ApeosWare_MS2\JobLogs | | | |
| 24 | | | | | |
| 25 | | | | | |
| 26 | | | | | |
| 27 | | | | | |
| 28 | | | | | |

3. Refer to the following items of the Log Managements Settings file, then configure the system settings.



Refer

"2. System Settings/Server Monitoring" > "Settings from a web browser" > "Currency Settings" in the "Features Guide".

| Log Management Settings List File Attribute Names | 2.2.3 Administrator Screen [System Settings] > [Common Settings] > [Currency Settings] |
|---|---|
| Output Count Unit Settings: Unit Cost | Currency Name |

| | A | B | C | D | E |
|----|---|-------------------------------------|---|---|---|
| 1 | Job Log Retention Period | 62 | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | Charge Information | | | | |
| 5 | Charge Information1 | | | | |
| 6 | Unit Cost | 10 | | | |
| 7 | Model | * | | | |
| 8 | Identification ID | * | | | |
| 9 | Service Type | * | | | |
| 10 | Paper Size | * | | | |
| 11 | | | | | |
| 12 | | | | | |
| 13 | Output Count Unit Settings: Unit Cost | Dollar | | | |
| 14 | | | | | |
| 15 | | | | | |
| 16 | Job Owner Identification Settings: Order to Evaluate the Job Owner | "Card No.,User Name,Job Owner Name" | | | |
| 17 | Job Owner Identification Settings: Alternate Text When User is Unknown | | | | |
| 18 | | | | | |
| 19 | | | | | |
| 20 | Daily Accounting Data Rebuild Settings: Rebuild Daily Accounting Data When Creating Next Report | FALSE | | | |
| 21 | | | | | |
| 22 | | | | | |
| 23 | Job Log Folder | C:\Fuji_Xerox\ApeosWare_MS\JobLogs | | | |
| 24 | | | | | |
| 25 | | | | | |
| 26 | | | | | |
| 27 | | | | | |

Print Management Settings

Refer to the following items of the Print Management settings file, then configure the print settings.



Refer

"7. Print Management and Operations" > "Settings and Operation from Web Browser" > "Print Settings" in the "Features Guide".

| Settings List File Attribute Names | 2.2.3 Administrator Screen [Service Settings] > [Print Management] > [Print Settings] > [Print Job] Tab |
|------------------------------------|--|
| Job Validity Period | Job Validity Period |
| Job History Retention Period | Job History Retention Period |
| Select User Print Job *1 | Select User Print Job |
| Save Print Data to File | Save Print Data to File |

| Settings List File Attribute Names | 2.2.3 Administrator Screen [Service Settings] > [Print Management] > [Print Settings] > [Print On Demand] Tab |
|--|--|
| Information to be used for the Job Display Name *1 | Information to be used for the Job Display Name |
| Header text to be Deleted *1 | Header text to be Deleted |

*1 For version 1.4, this is configured for each print queue, but for version 2 and later, changed to configured in ApeosWare Management Suite system unit settings. If multiple settings have been configured for each print queue, establish operation methods as appropriate.

Flow Management Settings

1. Refer to the following items of the Flow Management settings file, then configure the Flow Management Option environment settings.



Refer

"2. Configuring the Flow Environment" > "Configuring the Flow Usage Environment" > "Setting the Retention Period for the Completed or Deleted Jobs" in the "Features Guide Flow Management Option".

| Flow Management Settings File Attribute Name | 2.2.3 Administrator Screen [Service Settings] > [Flow Management] > [Service Settings] > [Job History Deletion Settings] |
|---|--|
| Job History Retention Period: Original Document | Original Document |
| Job History Retention Period: Job Attribute | Job Attribute |
| Schedule | Purge Execution |
| Start Time | Start Time |



Refer

"2. Configuring the Flow Environment" > "Configuring the Flow Usage Environment" > "Setting Prohibited Formats" in the "Features Guide Flow Management Option".

| Flow Management Settings File Attribute Name | 2.2.3 Administrator Screen [Service Settings] > [Flow Management] > [Service Settings] > [Common System Settings] |
|--|---|
| Prohibited Formats | Prohibited Formats |
| System Error Notification (Yes/No) | System Error Notification |



Refer

"2. Configuring the Flow Environment" > "Configuring the Flow Usage Environment" > "Registering Folders / Files to Be Used in Functions" in the "Features Guide Flow Management Option".

| Flow Management Settings File Attribute Name | 2.2.3 Administrator Screen [Service Settings] > [Flow Management] > [Service Settings] > [Function Settings] > [Folder] |
|--|---|
| Folder: Folder List ^{*1} | Folder-Folder List Settings |

| Flow Management Settings File Attribute Name | 2.2.3 Administrator Screen [Service Settings] > [Flow Management] > [Service Settings] > [Function Settings] > [Load Attributes] |
|--|---|
| Load Attributes: Folder List ^{*1} | Folder List |

| Flow Management Settings File Attribute Name | 2.2.3 Administrator Screen [Service Settings] > [Flow Management] > [Service Settings] > [Function Settings] > [OmniPage(R) Barcode] |
|--|---|
| OmniPage(R) Barcode: Zone File List Settings ^{*1} | Zone File List Settings |

| Flow Management Settings File Attribute Name | 2.2.3 Administrator Screen [Service Settings] > [Flow Management] > [Service Settings] > [Function Settings] > [Link To Application] |
|---|---|
| Link To Application: Executable File List ^{*1} | Executable File List |
| Link To Application: Working Folder List ^{*1} | Working Folder List |

| | |
|--|---|
| Flow Management Settings File Attribute Name | 2.2.3 Administrator Screen [Service Settings] > [Flow Management] > [Service Settings] > [Function Settings] > [Save Attributes to File] |
| Save Attributes To File: Folder list For Document Output *1 | Folder List for Attribute Output |
| Save Attributes To File: Folder list For Attribute Output *1 | Folder List for Document Output |

| | |
|--|--|
| Flow Management Settings File Attribute Name | 2.2.3 Administrator Screen [Service Settings] > [Flow Management] > [Service Settings] > [Function Settings] > [Save To Folder] |
| Save To Folder: Folder List *1 | Folder List |

| | |
|--|--|
| Flow Management Settings File Attribute Name | 2.2.3 Administrator Screen [Service Settings] > [Flow Management] > [Service Settings] > [Function Settings] > [Document and Attributes Table Output] |
| Document and Attributes Table Output: Folder List *1 | Folder List |

*1 If multi line settings, copy all and set.

- As a processing method, open the flow that uses [Attribute Mapping], refer to the following items of the Flow Management settings file, then add character encoding.



Refer

"3. Configuring Flows" > "Setting the Details of the Function" > "Setting the [Attribute Mapping] Function" in the "Features Guide Flow Management Option".

| | |
|--|---|
| Flow Management Settings File Attribute Name | 2.2.3 Administrator Screen [Service Settings] > [Flow Management] > [Flow List] > [Create] or [Edit] > [Processing Method] > [Attribute Mapping] |
| Character Encoding *1 | Character Encoding |

*1 If multi line settings, copy all and set.



Note

If already configured as the default, no additions are necessary.

- Re-affix user permissions included in the flow definitions.



Refer

"2. Configuring the Flow Environment" > "Setting [Flow Composer]" in the "Features Guide Flow Management Option".



Note

When the administrator is already added as the flow definition administrator, it is not necessary to add a new user permission.

- When any flow includes the [Printer Output] feature is migrated, reconfigure the device.



Refer

"3. Configuring Flows" > "Setting the Details of the Function" > "Setting the [Printer Output] Function" in the "Features Guide Flow Management Option".

5. When any flow including the [Link to Web Applications] feature is migrated, [Output format] is set to [TIFF (Multi-Pages)] by default. Change when necessary.



Refer

"3. Configuring Flows" > "Operating the Flow" > "Editing the Flow" in the "Features Guide Flow Management Option".



Note

For information on [Output format], refer to "3. Configuring Flows" > "Setting the Details of the Function" > "Setting the [Folder] Function" in the "Features Guide Flow Management Option".

Shared Printer Creation

If the environment of 1.4 at the migration destination uses a shared printer, install the same printer driver, then configure as a shared printer. At this time, the ApeosWare Management Suite should have been configured to automatically generate printer ports.



Note

After migration, all the settings of the printer port of the shared printer need to be made again.

Exporting of Setting Data

Export all the settings of the migrated ApeosWare Management Suite 2.2.3 environment using Diagnostics Utility.



Refer

"12. Maintenance" > "Using Diagnostics Utility" in the "Features Guide".


1. Start Diagnostics Utility.
2. Click the [Retrieve Information] tab.
3. Select [ApeosWare Management Suite Information] from [List of Information to Retrieve] and press [Retrieve].
4. As the [Save File] dialog box displayed, specify the destination folder and file name.
5. The file that includes the following settings data list will be displayed in Explorer.
Open with Excel or the like, and confirmed that there were no differences with the content written in the settings list file of "ApeosWare Management Suite 2.2.3 Settings" (P.35).

| Exported Functions | Settings File Name |
|--|---|
| Common Functions | Common_setting2_YYYYMMDD-HHMMSS ^{*1} .csv |
| Device Management | DeviceManagement_setting2_YYYYMMDD-HHMMSS ^{*1} .csv |
| Print Management | PrinterManagement_setting2_YYYYMMDD-HHMMSS ^{*1} .csv |
| Scan Settings and File Management Service Settings | ScanConnectorManagement_setting2_YYYYMMDD-HHMMSS ^{*1} .csv |
| User Management | UserManagement_setting2_YYYYMMDD-HHMMSS ^{*1} .csv |
| Flow Management | FlowManagement_setting2_YYYYMMDD-HHMMSS ^{*1} .csv |

^{*1} YYYYMMDD-HHMMSS in the file name indicates the year/month/date/hour/minute/second.

Operation Confirmation

Confirm that ApeosWare Management Suite is running properly in the migrated environment.

Click  of the device group to which the settings are applied and select [Update] to apply the device information to the device itself.



Note

Even if this operation is not executed, the specified information of the device is automatically applied to the device at the intervals (initial value is 10 min) or at the time specified in the device data application condition described in “Device Management Settings” (P.43). Execute this operation to apply the specified information immediately.

Uninstallation of Flow Management 1.4

Uninstall Flow Management 1.4, which you have migrated from. For the uninstallation procedure, refer to “ApeosWare Management Suite 1.4 Administrator's Guide, Setup (separate document)”.

Uninstallation of Print Management 1.4

Uninstall Print Management Suite 1.4, which is the transfer source. For the uninstallation procedure, refer to “ApeosWare Management Suite 1.4 Administrator's Guide, Setup (separate document)”.

Uninstall ApeosWare Management Suite 1.4

Uninstall ApeosWare Management Suite 1.4, which is the transfer source. For the uninstallation procedure, refer to “ApeosWare Management Suite 1.4 Administrator's Guide, Setup (separate document)”.

Migration Tool Log

The migration tool log is stored in the following (auditing log is not output).

When executed on ApeosWare Management Suite 1.4

<DataFolder>\Data\Basic Module\logs\AWMS-datamigration-system-yyyy-mm-dd.log (Operation Log)

<DataFolder>\Data\Basic Module\logs\AWMS-datamigration-debug-yyyy-mm-dd.log (Debug Log)



Note

If not modified, the default <DataFolder> is “C:\Fuji Xerox\ApeosWare MS”.

When executed on ApeosWare Management Suite 2.2.3

<DataFolder>\Data\Logs\AWMS-datamigration-system-yyyy-mm-dd.log (Operation Log)

<DataFolder>\\Data\Logs\AWMS-datamigration-debug-yyyy-mm-dd.log (Debug Log)



Note

If not modified, the default <DataFolder> is “C:\FUJIFILM\ApeosWare MS”.

Notes/Restrictions

- Physical printers and logical printers are always migrated with the state of “Enabled”.

- When “On-Demand – Restricted” and “Direct Print – Restricted” are selected in ApeosWare Management Suite 1.4, they are migrated as “On-Demand” and “Direct Print” respectively in ApeosWare Management Suite 2.2.3.
- The supported models are different between ApeosWare Management Suite 1.4 and ApeosWare Management Suite 2.2.3. Driver data of the models that are not supported by ApeosWare Management Suite 2.2.3 are not migrated.
- When the execution of MigrationTool.exe results in an error, take the following measures:
 - In the case of export processing, remove the cause, delete the data halfway backed up, and execute it again.
 - In the case of import processing, restore the initial state of ApeosWare Management Suite 2.2.3, delete the cause, and execute it again.

3 Migrating from ApeosWare Image Log Management to ApeosWare Management Suite 2

Migrating from ApeosWare Image Log Management to ApeosWare Management Suite 2

Use the migration tool to migrate data from ApeosWare Image Log Management to ApeosWare Management Suite 2.



Note

The ApeosWare Image Log Management license cannot be used when installing ApeosWare Management Suite 2 Image Log Management. Prepare a separate license for ApeosWare Management Suite 2 Image Log Management and perform installation.

Software to be migrated

Migration Source: ApeosWare Image Log Management Version 1.0.1.0 to 1.0.1.5
ApeosWare Image Log Management (*1) Version 1.1.2.0 and later
ApeosWiz Image Log Version 1.1.0.0

Migration Destination: ApeosWare Management Suite 2 (*1) Version 2.2.3.0 and later

*1 If the update data for the last advance version has been released, the migration tool is still available in the updated environment.

Migratable system configuration

Migration of all system configurations below is supported. You can migrate from any configuration to any configuration.

ApeosWare Image Log Management configuration

- single-server configuration
- Isolation configuration

ApeosWare Management Suite 2 configuration

- All-in-One Configuration
- Distributed Configuration
 - Configuration with isolated image log server
 - Configuration where only image log receiving server is isolated
 - Configuration with isolated image log core server and image log receiving server respectively

Migration Data



You can migrate all data except the monitoring history and operation logs of ApeosWare Image Log Management.




Note

Of the data that can be migrated with the migration tool, data other than archived data is called “system data”.

Data that is not migrated by the migration tool must be manually configured after migration.

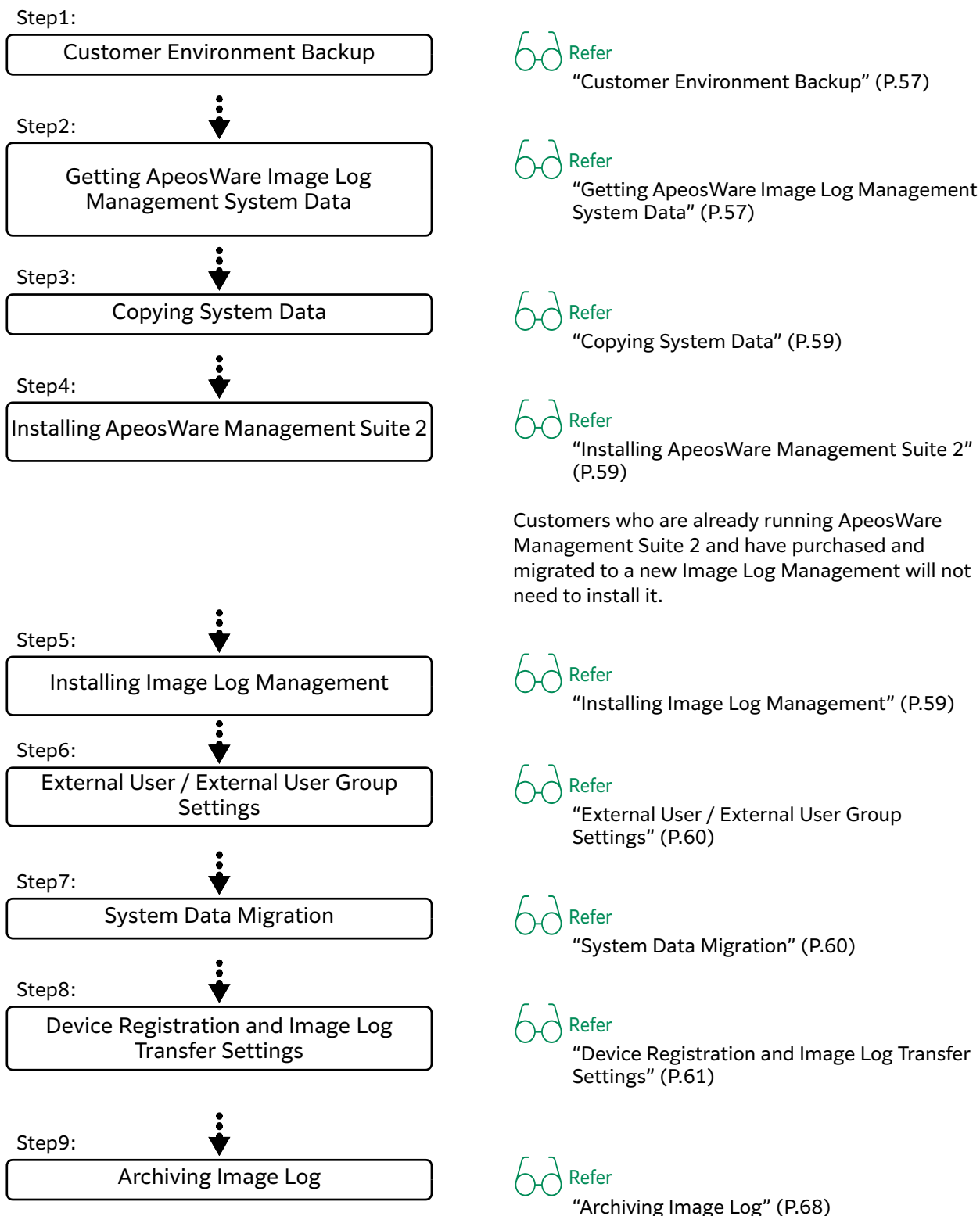
| Server | Data | Migration method | Notes |
|------------------|---|--|---|
| Receiving server | Error Data (Receiving Spool) Error Data (Extraction Spool) | Manual | You will need to manually copy to the specified folder. |
| | Extraction Service Settings | Migration Tool | |
| | Filter Keyword List Filter Pattern List | Migration Tool | |
| Core server | Archived Data | Migration Tool/ ApeosWare Management Suite 2 Administrator Screen | After using the migration tool to archive all the image log information stored in the image log storage, restore the archived data on the [Restore Archive] page of the ApeosWare Management Suite 2 Administrator screen.  Refer “Archiving Image Log” (P.68) |
| | External User External User Group | ApeosWare Management Suite 2 Administrator Screen | Migrate when linked with Active Directory or LDAP server. Import user information on the [User Import List] page of the ApeosWare Management Suite 2 Administrator screen.  Refer “4 User Management” in Features Guide. |
| | Monitor Settings | Migration Tool | |
| | Registration Service Settings | Migration Tool | |
| | Monitoring Pattern List | Migration Tool | |
| | System Settings | Migration Tool | |
| | Email Template | Migration Tool | |
| | Local user Local user group | Migration Tool | |
| | User Role | Migration Tool | |

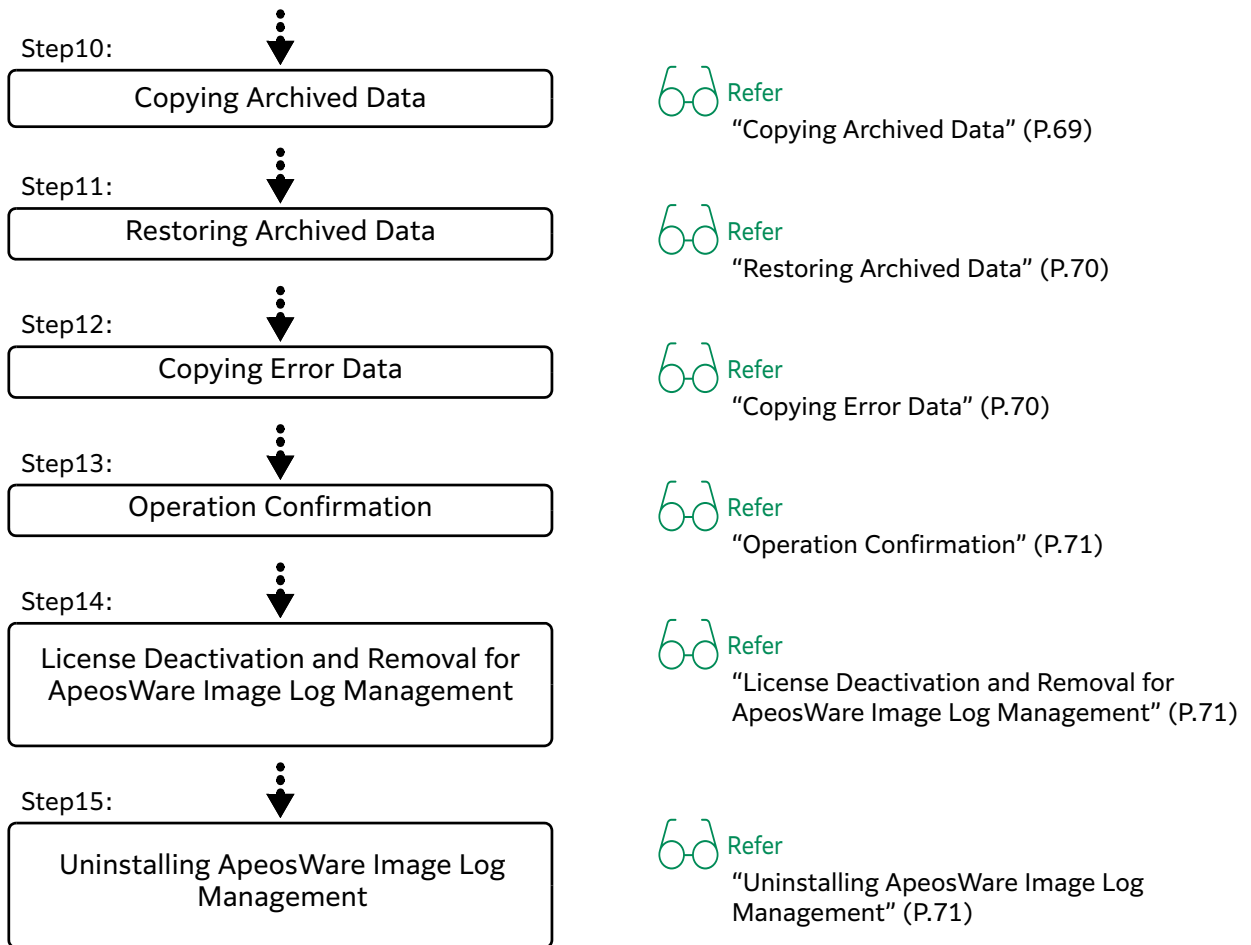
| Server | Data | Migration method | Notes |
|----------------------------|----------------------------|--|---|
| Core server (Continued) | Device Settings | ApeosWare Management Suite 2 Administrator Screen/Data Input Console | Configure using [Device List] of ApeosWare Management Suite 2 or the Data Input Console.  Refer "Device Registration and Image Log Transfer Settings" (P.82) |
| | Save Monitoring Settings | Migration Tool | |
| | Save Notification Settings | Migration Tool | |

Migrating on Another PC

The flow of migration to ApeosWare Management Suite 2 is as follows:

Flowchart of Migration





Customer Environment Backup

Use the Image Log backup command to back up the data in your ApeosWare Image Log Management environment in case you need to restore the old environment during migration.



For details on backup commands, refer to the User Guide for ApeosWare Image Log Management.

Getting ApeosWare Image Log Management System Data

Use the migration tool to get the ApeosWare Image Log Management system data. If you are building ApeosWare Image Log Management in an isolated configuration, perform the following steps in the order of core server and receiving server.

1. Log on as an Administrator user to the PC where ApeosWare Image Log Management is installed.



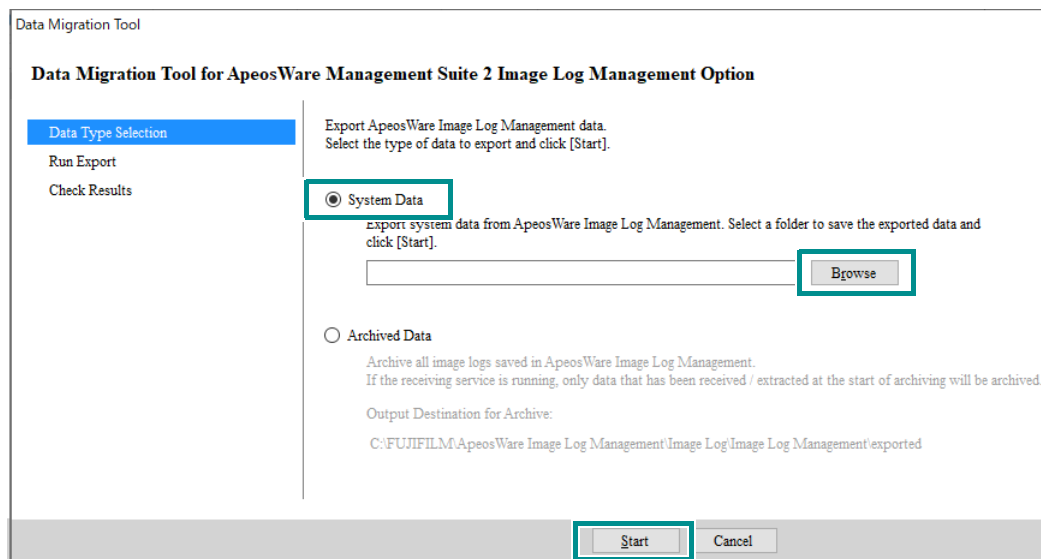
Note

If you are building ApeosWare Image Log Management in an isolated configuration, log on to the core server first.

2. If .NET Framework 4.6.2 or later is not installed on the migration source (ApeosWare Image Log Management) server, install .NET Framework 4.6.2 with the following steps.
 - (1) Insert the ApeosWare Management Suite 2.2 installation media into the migration source server.
 - (2) Open the following folder on the ApeosWare Management Suite 2.2 installation media.
`{Media Root}\cm\apeos\basic\DotNetFrameWork46`

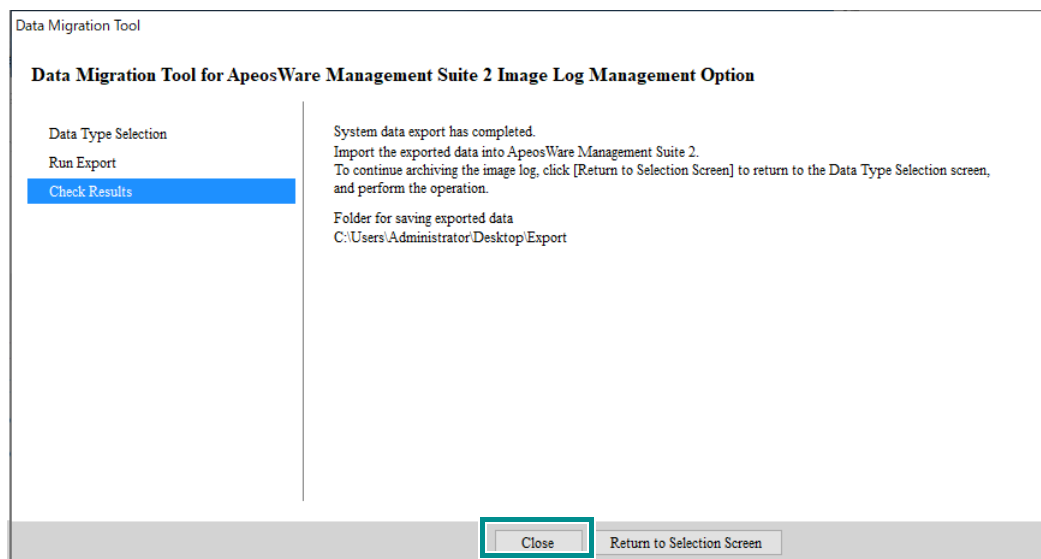
(3) Run ndp462-kb3151800-x86-x64-allos-enu.exe to install .NET Framework 4.6.2 on the migration source server.

3. Copy the following folder on the ApeosWare Management Suite 2.2 installation media to a folder of your choice.
<root>(root of installation media)\migrationtools\awilm
4. Unzip ImageLogMigrationTool.zip and run ImageLogMigrationTool.exe.
5. The migration tool will start. Switch the display language if necessary.
6. Select [System Data], click [Browse], specify where you want to save the system data, and then click [Start].



System data export will start.

7. When the screen indicating that export has completed appears, check the contents, and then click [Close] to exit the migration tool.



8. If you are building ApeosWare Image Log Management in an isolated configuration, log in to the receiving server and perform Steps 2 to 7.

Copying System Data

Copy the system data obtained in “Getting ApeosWare Image Log Management System Data” (P.57) to the migration destination PC.



Note

If you are building ApeosWare Management Suite in an isolated configuration, copy the system data to the following server:

- The system data exported on the receiving server will be copied to the image log receiving server.
- System data exported on the core server must be copied to the main server and image log core server.

Installing ApeosWare Management Suite 2

Install ApeosWare Management Suite 2.



Note

- Install ApeosWare Management Suite 2 version 2.2.3 or later (latest version recommended).
- For the license used for installation, specify the ApeosWare Management Suite 2 license.
- Customers who are already running ApeosWare Management Suite 2 and have purchased and migrated to a new Image Log Management will not need to install it.

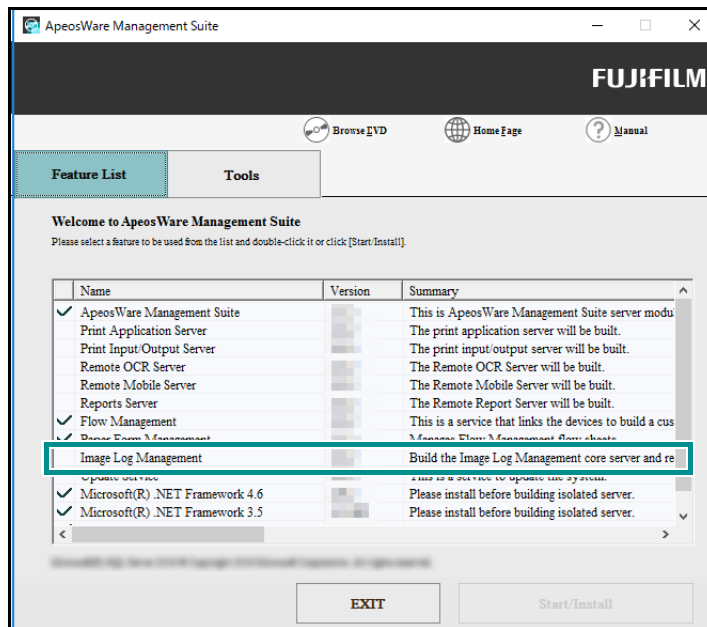


Refer

- For details on updating to the latest version, refer to “1 Update Installation” (P.5).
- For details on installing ApeosWare Management Suite 2, refer to “1 Setup” in the Setup Guide.

Installing Image Log Management

Double-click [Image Log Management] on the [Feature List] tab to install Image Log Management.



Note

- Make sure the Image Log Management version is 2.2.3 or later.
- For the license used for installation, specify the Image Log Management license.



Refer

For setup details, refer to “1 Setup” in the Setup Guide.

External User / External User Group Settings

Use the User Import feature of ApeosWare Management Suite 2 to import external users / external user groups from Active Directory or LDAP server.



Note

If the users to be migrated are local users, you do not need to perform this step.



Refer

For details on the User Import feature, refer to “4 User Management” in the Feature Guide.

System Data Migration

Run the migration tool and follow the steps below to migrate system data to ApeosWare Management Suite 2. If you are building ApeosWare Management Suite 2 in a distributed configuration, perform the following steps on each server where Image Log Management is installed.



Note

- If the image log core server and image log receiving server are in isolated configurations, perform Steps 1 to 6 in the order of main server, image log core server, and image log receiving server.
- If the image log server is in an isolated configuration, perform Steps 1 to 6 in the order of main server and image log server.

1. Log on as an Administrator user to the PC where Image Log Management is installed.
2. Copy the following folder on the ApeosWare Management Suite 2 installation media to a folder of your choice.
<root>(root of installation media)\migrationtools\awilm
3. Unzip ImageLogMigrationTool.zip and run ImageLogMigrationTool.exe.
4. The migration tool will start. Switch the display language if necessary.
5. Click [Browse] to specify the save destination for the system data you want to import, and then click [Start].
Specify the save destination for the data copied in “Copying System Data” (P.59).

Data Migration Tool

Data Migration Tool for ApeosWare Management Suite 2 Image Log Management Option

Select Import Data
Run Import
Check Results

Import system data into ApeosWare Management Suite 2.
Select the folder where the data to be imported is saved and click [Start].

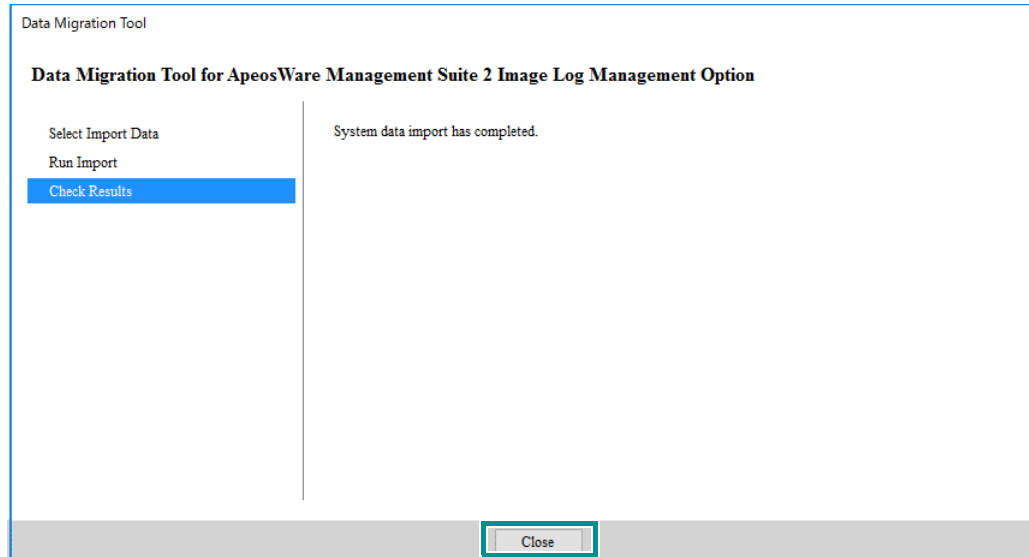
Folder for saving data to be imported

Browse

Start Cancel

System data import will start. It will take a while for the work to complete.

6. Click [Close] when the import completion screen appears.



7. For distributed configurations, repeat Steps 1 to 6 on the image log server, image log core server, or image log receiving server.

Device Registration and Image Log Transfer Settings

Register the device used for ApeosWare Image Log Management in ApeosWare Management Suite 2 and configure the image log transfer settings. After the configuration is complete, the image log will be transferred to ApeosWare Management Suite 2.

Use one of the following procedures to configure.

- Configure from the Device Management screen of ApeosWare Management Suite 2
- Configure from the Device Group Settings screen of ApeosWare Management Suite 2
- Configure using the Data Input Console

Configure from the Device Management screen of ApeosWare Management Suite 2

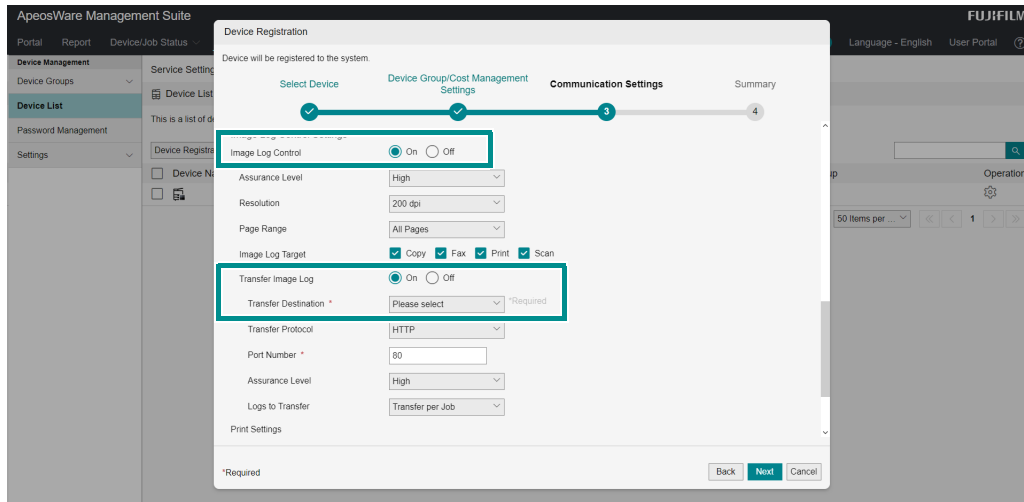
When registering a new device

1. Log in to the Administrator screen of ApeosWare Management Suite 2.
2. Select [Service Settings] > [Device Management] > [Device List].
3. Click [Device Registration] to register the device on the [Device Registration] screen.
4. In [Image Log Control Settings] of [Communication Settings], configure the following settings.
 - [Image Log Control]: [On]
 - [Transfer Image Log]: [On]
 - [Transfer Destination]: PC where Receiving Service of Image Log Management is installed

Configure the transfer settings for other image logs according to the operation method of the image log after migration.



For details on image log transfer settings, refer to “3 Device Management” in the Feature Guide.



5. Click the [Save] button from [Summary] to register the device.

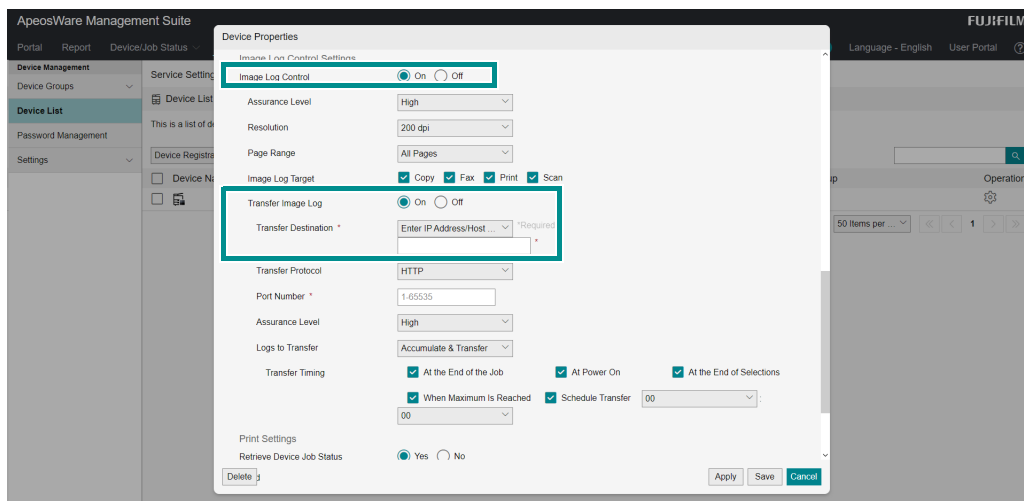
When ApeosWare Management Suite 2 is already running and the device has already been registered

1. Log in to the Administrator screen of ApeosWare Management Suite 2.
2. Select [Service Settings] > [Device Management] > [Device List].
3. Open the properties of the device for which you want to apply image log transfer settings.
4. In [Image Log Control Settings] of [Communication Settings], configure the following settings.
 - [Image Log Control]: [On]
 - [Transfer Image Log]: [On]
 - [Transfer Destination]: PC where Receiving Service of Image Log Management is installed

Configure the transfer settings for other image logs according to the operation method of the image log after migration.



For details on image log transfer settings, refer to “3 Device Management” in the Feature Guide.



5. Click the [Save] button to apply the image log transfer settings.

Configure from the Device Group Settings screen of ApeosWare Management Suite 2

When registering a new device group

1. Log in to the Administrator screen of ApeosWare Management Suite 2.
2. Select [Service Settings] > [Device Management] > [Device Groups].
3. Select [All Device Groups] from the side menu and click [Create Device Group].
4. On the [Basic Settings] screen, enter a device group name.
5. In [Image Log Control Settings] of [Communication Settings], configure the following settings.
 - [Image Log Control]: [On]
 - [Transfer Image Log]: [On]
 - [Transfer Destination]: PC where Receiving Service of Image Log Management is installed
 Configure the transfer settings for other image logs according to the operation method of the image log after migration.



Refer

For details on image log transfer settings, refer to “3 Device Management” in the Feature Guide.

6. Click the [Save] button from [Summary] to register the device.

When ApeosWare Management Suite 2 is already running and a device group has already been created

1. Log in to the Administrator screen of ApeosWare Management Suite 2.
2. Select [Service Settings] > [Device Management] > [Device Groups].
3. Open the properties of the device group for which you want to apply image log transfer settings.
4. In [Image Log Control Settings] of [Communication Settings], configure the following settings.
 - [Image Log Control]: [On]
 - [Transfer Image Log]: [On]
 - [Transfer Destination]: PC where Receiving Service of Image Log Management is installed
 Configure the transfer settings for other image logs according to the operation method of the image log after migration.



Refer

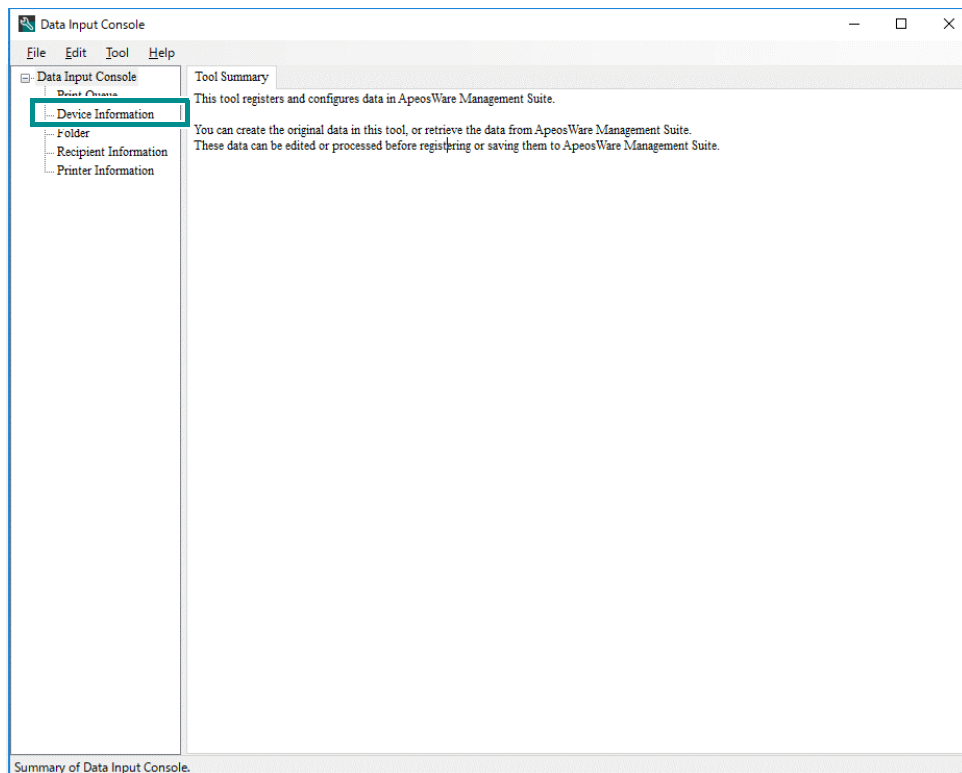
For details on image log transfer settings, refer to “3 Device Management” in the Feature Guide.

5. Click the [Save] button to apply the image log transfer settings.

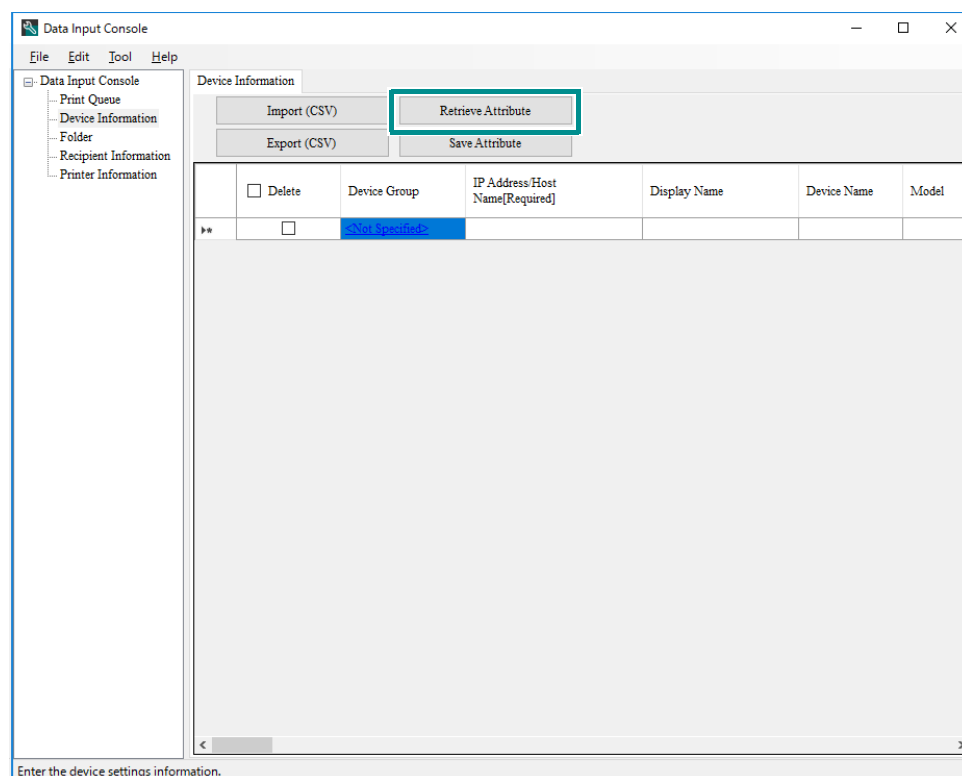
Configure using Data Input Console

1. Log on as an Administrator user to the PC where ApeosWare Management Suite 2 is installed.

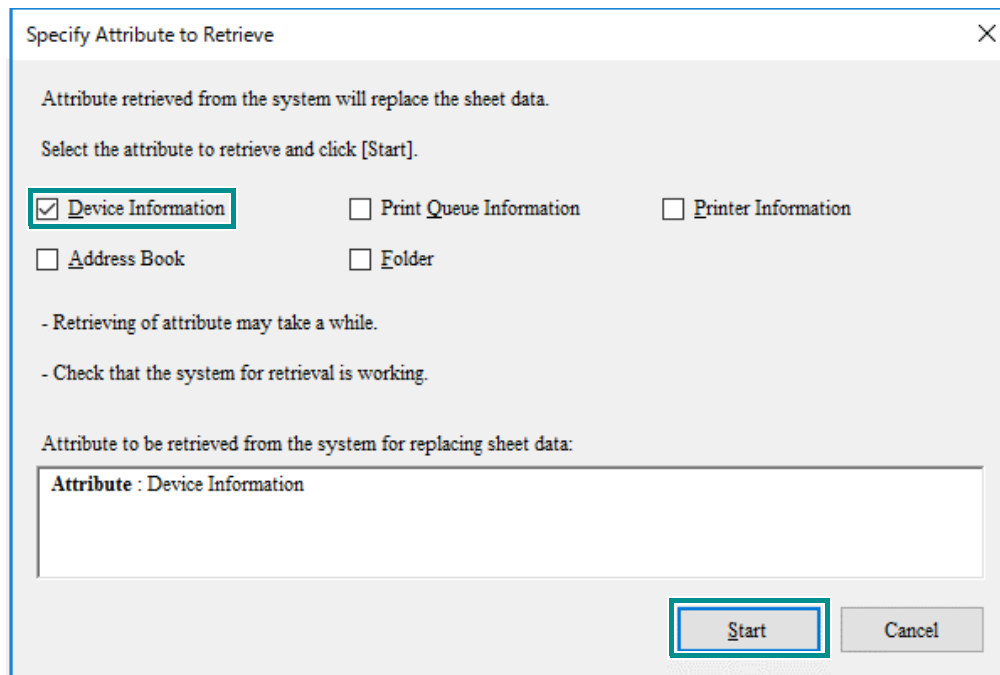
2. From the menu that launches Windows programs, select [FUJIFILM ApeosWare Management Suite] > [Data Input Console].
The Data Input Console will start.
Switch the display language if necessary.
3. Click [Data Input Console] > [Device Information] from the tree on the left.



4. Click [Retrieve Attribute].



5. Select the [Device Information] checkbox and click [Start].
Get the device information registered in ApeosWare Management Suite 2.



Specify Attribute to Retrieve

Attribute retrieved from the system will replace the sheet data.
Select the attribute to retrieve and click [Start].

☒ Device Information ☐ Print Queue Information ☐ Printer Information
☐ Address Book ☐ Folder

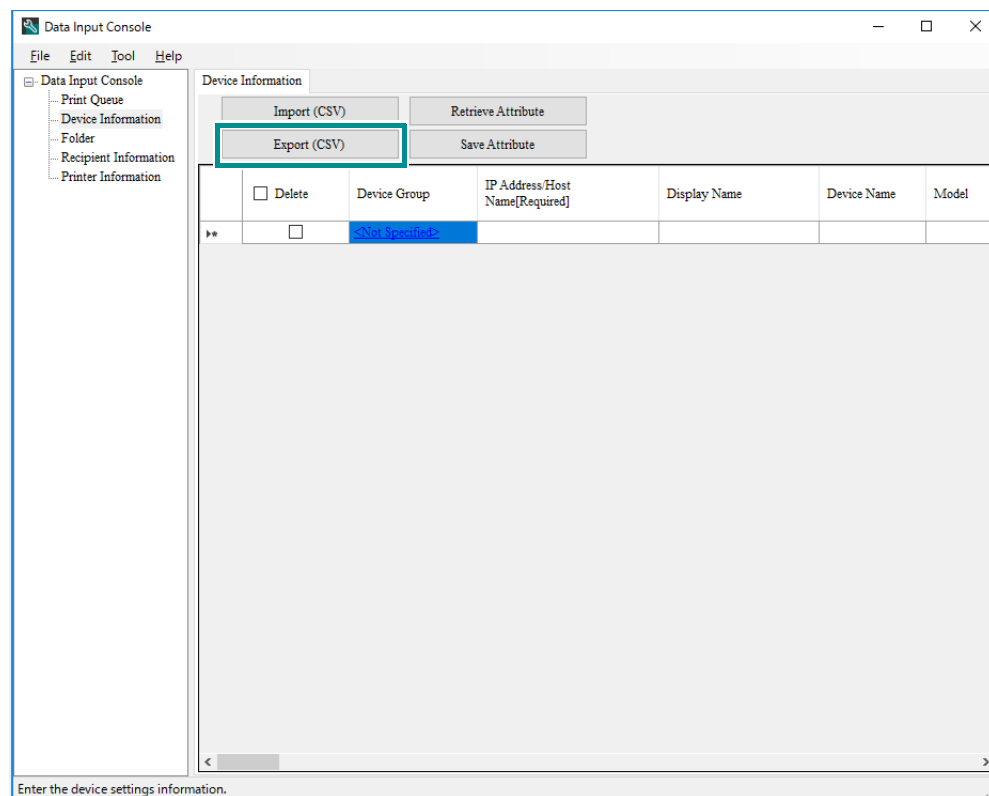
- Retrieving of attribute may take a while.
- Check that the system for retrieval is working.

Attribute to be retrieved from the system for replacing sheet data:

Attribute : Device Information

Start Cancel

6. Click [Export] to export the CSV file.
Device information registered in ApeosWare Management Suite 2 will be exported in CSV format.
Even if there are no registered devices, you can omit entering the column name for each device information by using the exported CSV file.



Data Input Console

File Edit Tool Help

Data Input Console

- Print Queue
- Device Information
- Folder
- Recipient Information
- Printer Information

Device Information

Import (CSV) Retrieve Attribute
Export (CSV) Save Attribute

| | <input type="checkbox"/> Delete | Device Group | IP Address/Host Name[Required] | Display Name | Device Name | Model |
|----|---------------------------------|-----------------|--------------------------------|--------------|-------------|-------|
| ** | <input type="checkbox"/> | <Not Specified> | | | | |

Enter the device settings information.

7. Open the exported CSV file in Excel.

| | A | B | C | D | E | F | G | H |
|---|-----------|------------|-----------|-----------|-------|----------|---------|------------|
| 1 | Device Gr | IP Address | Display N | Device Na | Model | Location | Remarks | Inherit De |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |

If ApeosWare Management Suite 2 is already running, the settings of the registered device are described.

| | A | B | C | D | E | F | G | H | I | J |
|---|-----------|------------|-----------|-----------|-------|----------|---------|------------|-----------|-----------|
| 1 | Device Gr | IP Address | Display N | Device Na | Model | Location | Remarks | Inherit De | Administr | Administr |
| 2 | | 192.0.2.1 | | | | | | | admin | |
| 3 | | 192.0.2.2 | | | | | | | admin | |
| 4 | | | | | | | | | | |

8. The device information to be registered in ApeosWare Management Suite 2 will be described in the CSV file.

For newly registered devices, add a new line and configure each setting. [IP Address/Host Name] is required so make sure to enter it.

For devices that are already running ApeosWare Management Suite 2 and have already been registered, configure the image log transfer settings.

| | A | B | C | D | E | F | G | H | I | J |
|---|-----------|------------|-----------|-----------|-------|----------|---------|------------|-----------|-----------|
| 1 | Device Gr | IP Address | Display N | Device Na | Model | Location | Remarks | Inherit De | Administr | Administr |
| 2 | | 192.0.2.1 | | | | | | | admin | |
| 3 | | 192.0.2.2 | | | | | | | admin | |
| 4 | | 192.0.2.3 | | | | | | | admin | |
| 5 | | 192.0.2.4 | | | | | | | admin | |
| 6 | | 192.0.2.5 | | | | | | | admin | |
| 7 | | 192.0.2.6 | | | | | | | admin | |

Image logs will be transferred to ApeosWare Management Suite 2 by making the following settings when configuring image log transfer.

[Image Log Control]: TRUE

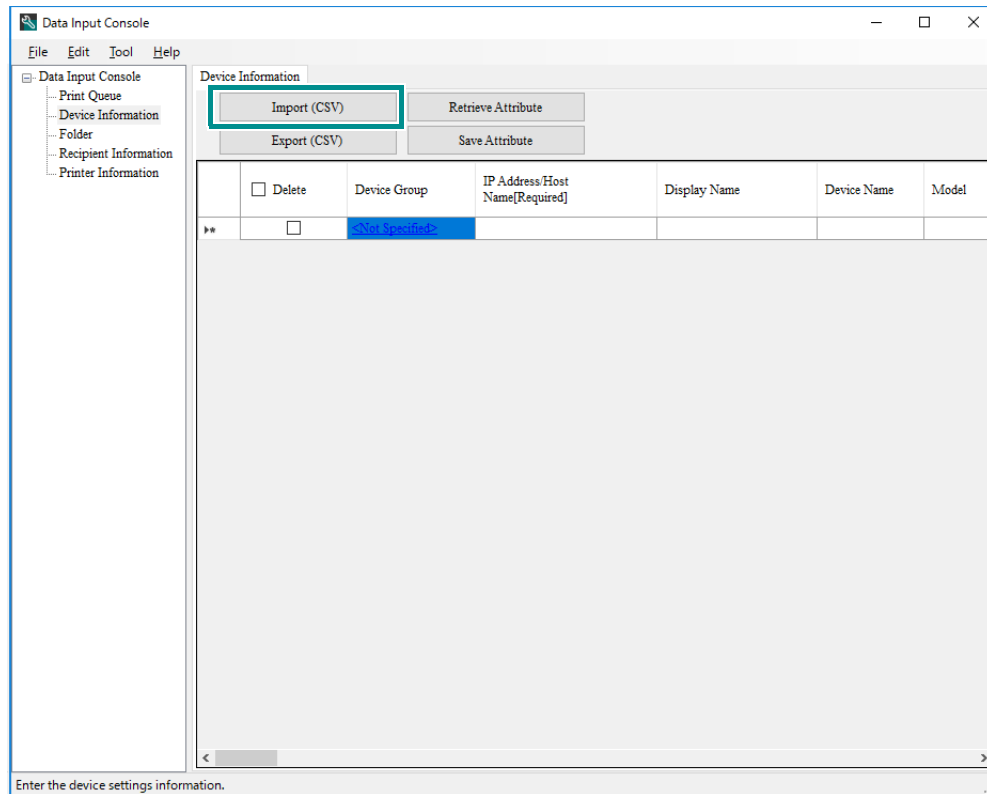
[Transfer Image Log]: TRUE

[Transfer Destination]: PC where Receiving Service of Image Log Management is installed

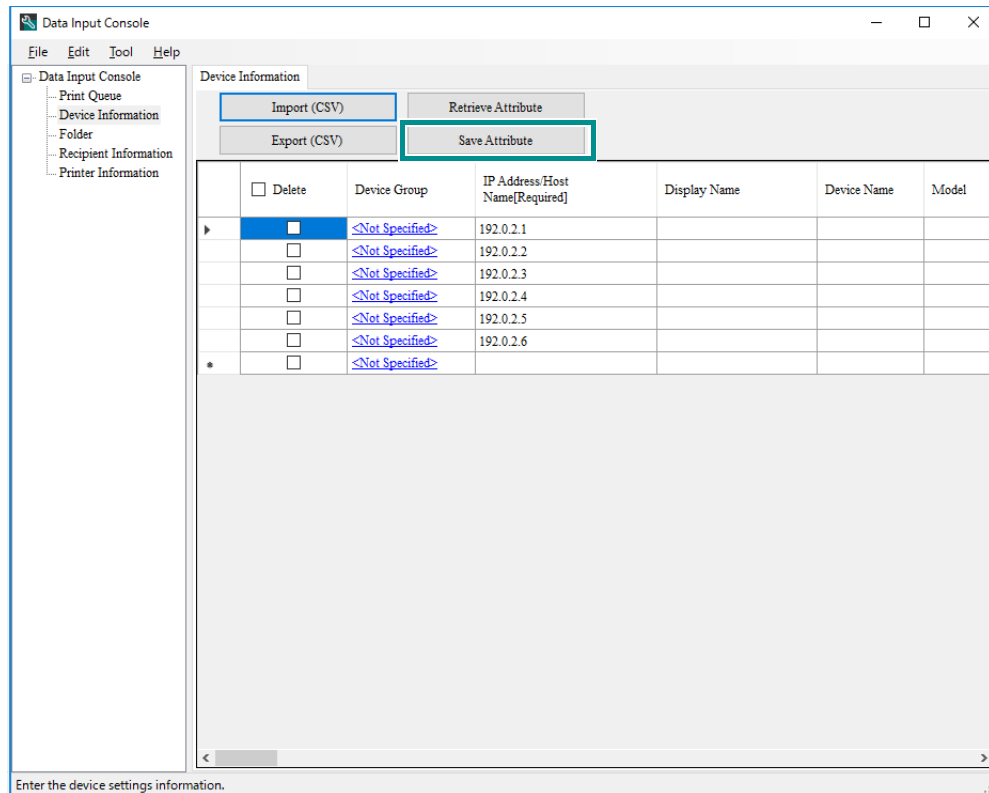
Configure the transfer settings for other image logs according to the operation method of the image log after migration.

| AF | AG | AH | AI | AJ | AK | AL | AM | AN | AO | AP |
|-------------------|-----------|------------|------------|-----------|-----------|-----------|-----------|--------------------|--------------------|--------------------|
| Image Log Control | Assurance | Resolution | Page Range | Image Log | Image Log | Image Log | Image Log | Transfer Image Log | Transfer Image Log | Transfer Image Log |
| TRUE | | | | TRUE | TRUE | TRUE | TRUE | TRUE | 192.0.2.128 | |
| TRUE | | | | TRUE | TRUE | TRUE | TRUE | TRUE | 192.0.2.128 | |
| TRUE | | | | TRUE | TRUE | TRUE | TRUE | TRUE | 192.0.2.128 | |
| TRUE | | | | TRUE | TRUE | TRUE | TRUE | TRUE | 192.0.2.128 | |
| TRUE | | | | TRUE | TRUE | TRUE | TRUE | TRUE | 192.0.2.128 | |

9. Click [Import] to import the CSV file with added device information.



10. Click [Save Attribute]. The device will be registered in ApeosWare Management Suite 2.



Archiving Image Log

Use the migration tool to archive the image logs of ApeosWare Image Log Management and retrieve the archived data.



Note

Archiving the image log deletes the monitoring history. If you need to keep the monitoring history, print the monitoring history and monitoring report before archiving.



Refer

For procedure to output monitoring history and monitoring report, refer to the User Guide of ApeosWare Image Log Management.

1. If you are building ApeosWare Image Log Management in an isolated configuration, log on as an Administrator user to the PC that is the receiving server for ApeosWare Image Log Management.



Note

If you are building ApeosWare Image Log Management in a single server configuration, log on to the PC where ApeosWare Image Log Management is installed.

2. Wait for the intermediate data reception/extraction process to complete.
Check the following three folders (including subfolders) to make sure files do not exist. If files exist, wait for them to be moved.

{Receiving spool}\storing, {Receiving spool}\waiting, {Extraction spool}\data



Note

For receiving spool and extraction spool paths, you can log in to ApeosWare Image Log Management as a user with image log system administrator permissions, launch the System Management screen, and check from [Operation Status] > [Folder Status].

3. If you are building ApeosWare Image Log Management in an isolated configuration, log on as an Administrator user to the PC that is the core server of ApeosWare Image Log Management.



Note

This step is not required if you are building ApeosWare Image Log Management in a single server configuration.

4. Select [Archived Data] in the migration tool and click [Start].



Note

If the migration tool is closed, run ImageLogMigrationTool.exe again.

Data Migration Tool

Data Migration Tool for ApeosWare Management Suite 2 Image Log Management Option

Data Type Selection
Run Export
Check Results

Export ApeosWare Image Log Management data.
Select the type of data to export and click [Start].

☐ System Data
Export system data from ApeosWare Image Log Management. Select a folder to save the exported data and click [Start].
C:\Users\Administrator\Desktop\Export Browse

☒ Archived Data
Archive all image logs saved in ApeosWare Image Log Management.
If the receiving service is running, only data that has been received / extracted at the start of archiving will be archived.
Output Destination for Archive:
C:\FUJIFILM\ApeosWare Image Log Management\Image Log\Image Log Management\exported

Start Cancel

Image log archiving will start.

5. When the screen indicating that archiving has completed appears, check the contents, and then click [Close].

Data Migration Tool

Data Migration Tool for ApeosWare Management Suite 2 Image Log Management Option

Data Type Selection
Run Export
Check Results

Image log archiving has completed.
Archived data can be saved in ApeosWare Management Suite 2 by copying it to a designated folder.

Output Destination for Archive:
C:\FUJIFILM\ApeosWare Image Log Management\Image Log\Image Log Management\exported\20221015020000

Close

Copying Archived Data

Copy the ApeosWare Image Log Management archived data obtained to the archive folder on the PC where Image Log Management Core Service is installed.

The archive folder is as follows.

{Image log save destination folder}\exported

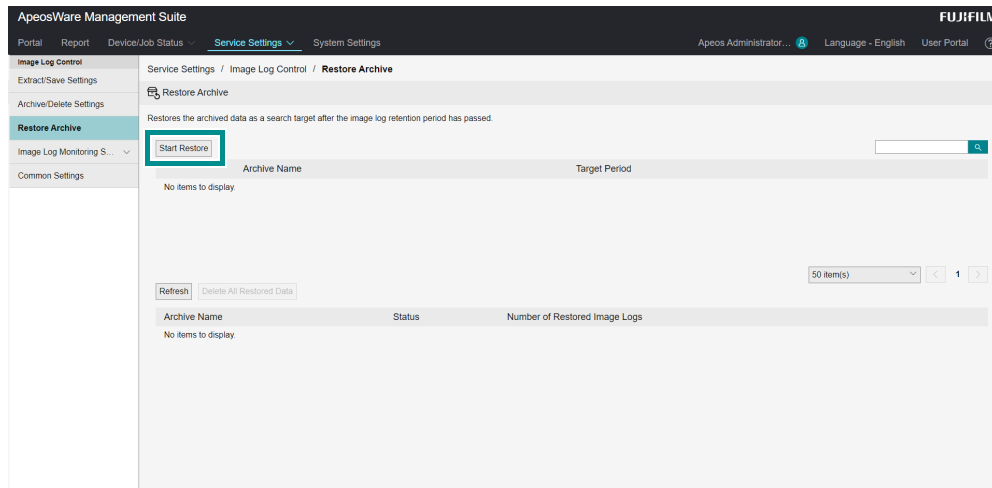


Note

{Image log save destination folder} is specified when setting up Image Log Management.

Restoring Archived Data

Access the Administrator screen of ApeosWare Management Suite 2, select [Service Settings] > [Image Log Control] > [Restore Archive], select the copied archived data, and click [Start Restore]. The archive name of the archived data will be the date when the migration tool was run.



Copying Error Data

Migrate data that has an error during the receiving or extraction process. Performing this step is optional.

Next, copy the stored error data to the migration destination error folder.

Copy target: ApeosWare Image Log Management error data

{Receiving spool}\error, {Extraction spool}\error

Copy destination: ApeosWare Management Suite 2 error folder

{Receiving spool}\error, {Extraction spool}\error



Note

{Receiving spool} and {Extraction spool} will be created in the work spool folder specified during setup.

- For ApeosWare Image Log Management
Receiving spool: {Work spool folder}\receive
Extraction spool: {Work spool folder}\extract
- For ApeosWare Management Suite 2
Receiving spool: {Work spool folder}\spool\Image Log Management\receive
Extraction spool: {Work spool folder}\spool\Image Log Management\extract

Operation Confirmation

Access the Administrator screen of ApeosWare Management Suite 2, and select [Report] > [Extended Report] > [Search Image Log] to search for the restored archived data.

The screenshot shows the ApeosWare Management Suite Administrator interface. The left sidebar contains a 'Reports' menu with options like 'Users / User Groups', 'Account Reports', 'Devices / Device Groups', 'Sustainability Reports', 'Print Reports', 'Fax Report', 'Image Log Monitoring Report', 'Approval Print History', 'Accounting/Analysis Report', 'Supplies Report', 'Custom Reports', and 'Extended Report'. The 'Extended Report' menu is expanded, showing 'Search Job Log' and 'Search Image Log'. The 'Search Image Log' option is selected. The main area displays the 'Search Image Log' form with various search criteria including Service Type (Copy, Print, Send Fax, Receive Fax, Scan, File Transfer, Email Transfer, Job Flow Sheets, System Sheet, Other), Start Date/Time, End Date/Time, Keyword, Pattern, and User Name. The 'Table Settings' section shows columns for User Name, Group Name, Date/Time Completed, Service Type, Device IP Address, and Operation. The results table is currently empty, displaying 'No items to display'.

License Deactivation and Removal for ApeosWare Image Log Management

Deactivate all activated licenses of ApeosWare Image Log Management, and remove them.



For procedure on license deactivation and removal, refer to the User Guide of ApeosWare Image Log Management.

Uninstalling ApeosWare Image Log Management

Uninstall ApeosWare Image Log Management.

If necessary, also uninstall the following software.

- Monitoring Service
- Identity Management
- Prerequisite Software (SQL Server, .NET Framework 3.5 / 4 / 4.6)

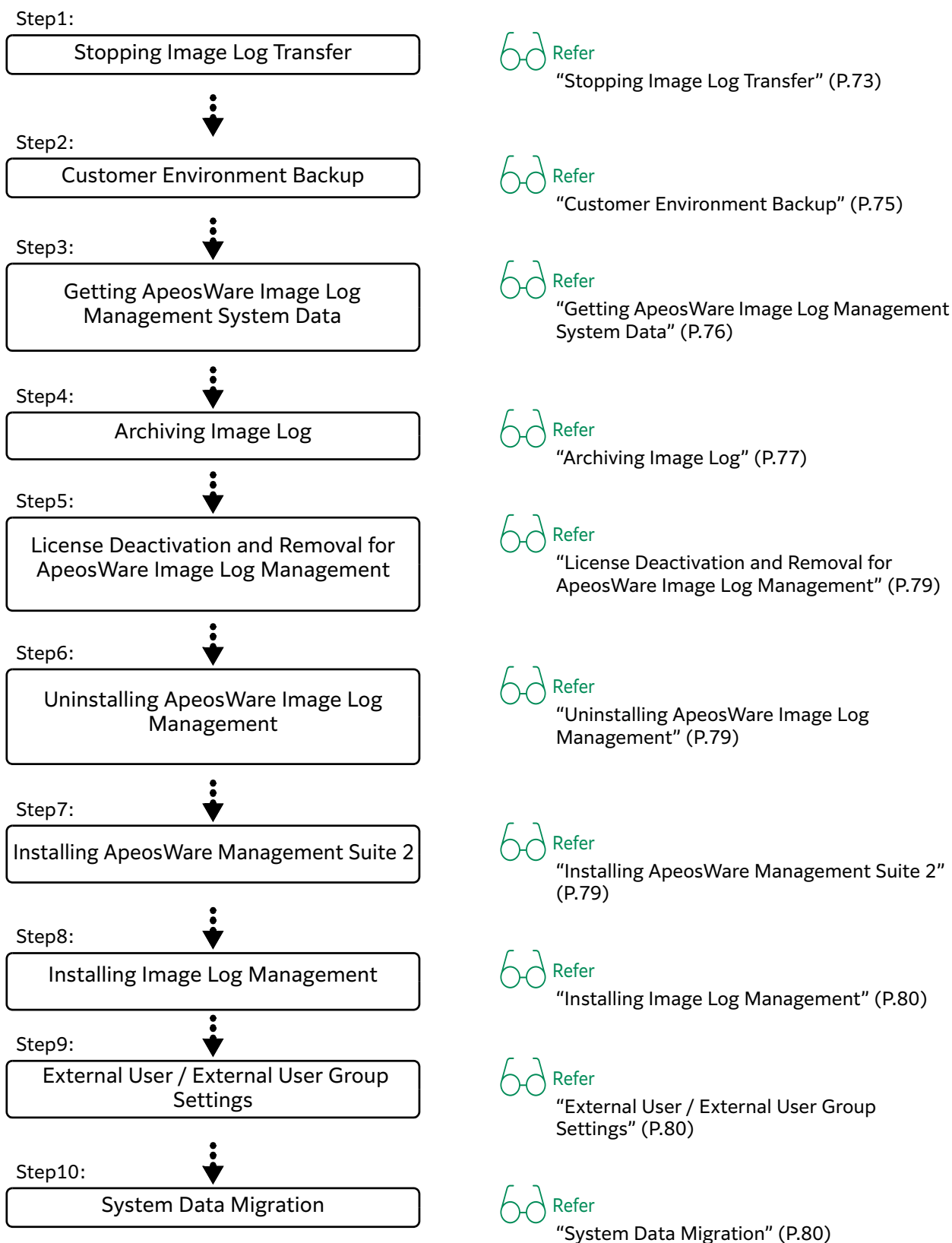


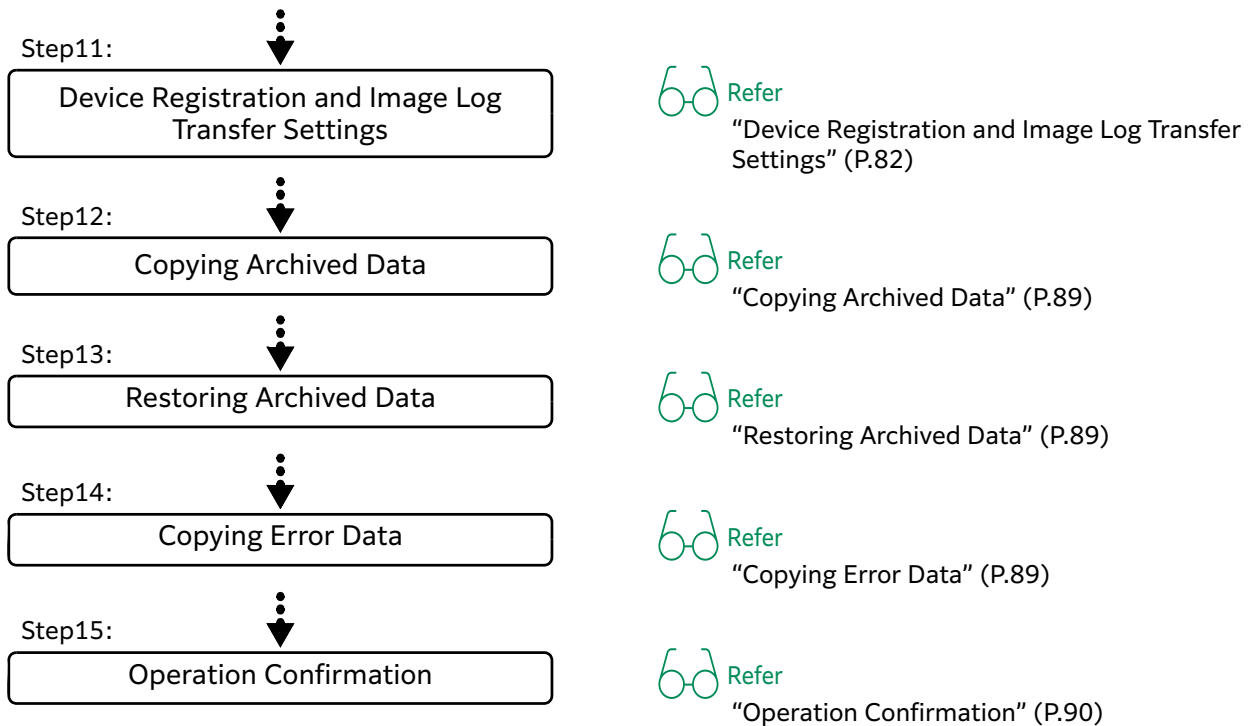
For procedure to uninstall, refer to the User Guide of ApeosWare Image Log Management.

Migrating on Same PC

The flow of migration to ApeosWare Management Suite 2 is as follows:

Flowchart of Migration





Stopping Image Log Transfer

First, stop the image log transfer from the Image Log Transfer Device Settings Tool.

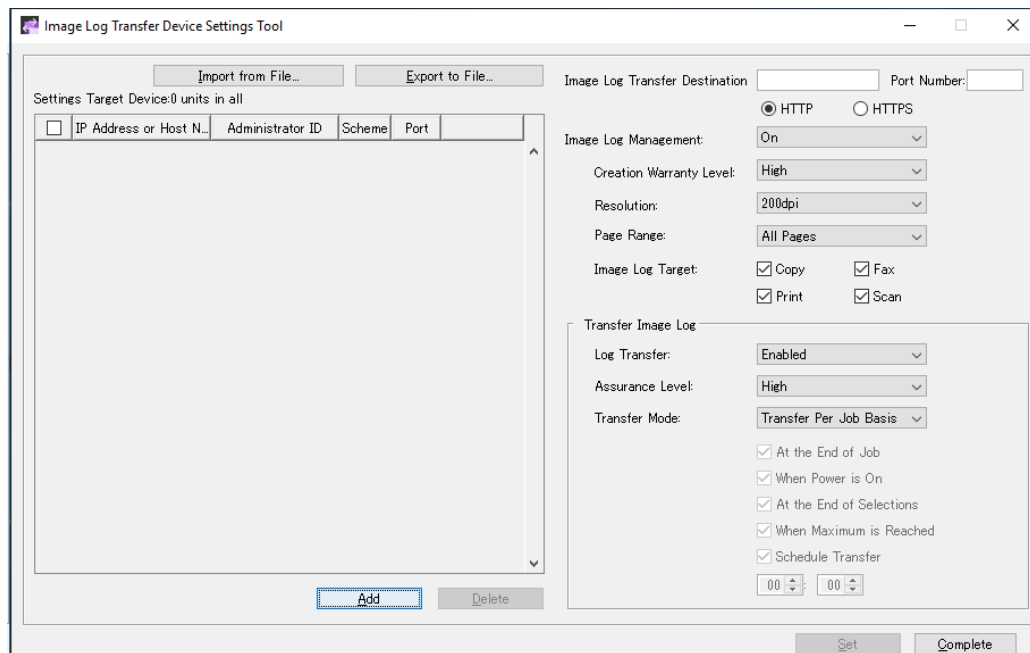
1. Log on as an Administrator user to the PC where ApeosWare Image Log Management is installed.



Note

If you are building ApeosWare Image Log Management in an isolated configuration, log on to the core server.

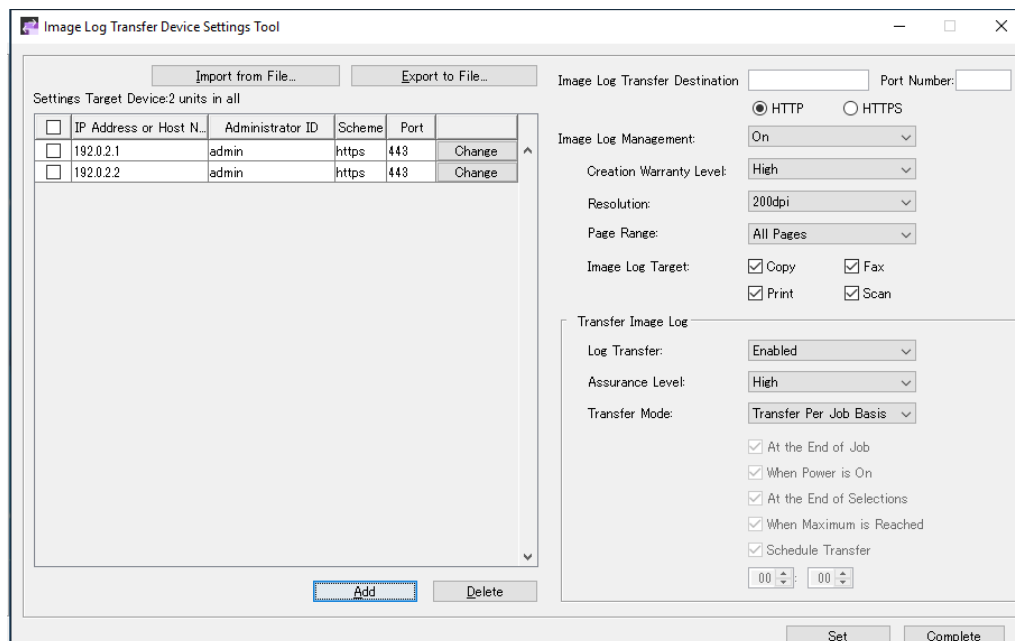
2. From the Windows [Start] menu, select [FUJIFILM ApeosWare Image Log Management] > [ApeosWare Image Log Management Image Log Transfer Device Settings Tool].
The [Image Log Transfer Device Settings Tool] window is displayed.
3. Click [Import from File] or [Add] to register the device registered in ApeosWare Image Log Management on the Image Log Transfer Device Settings Tool based on the previously set information.



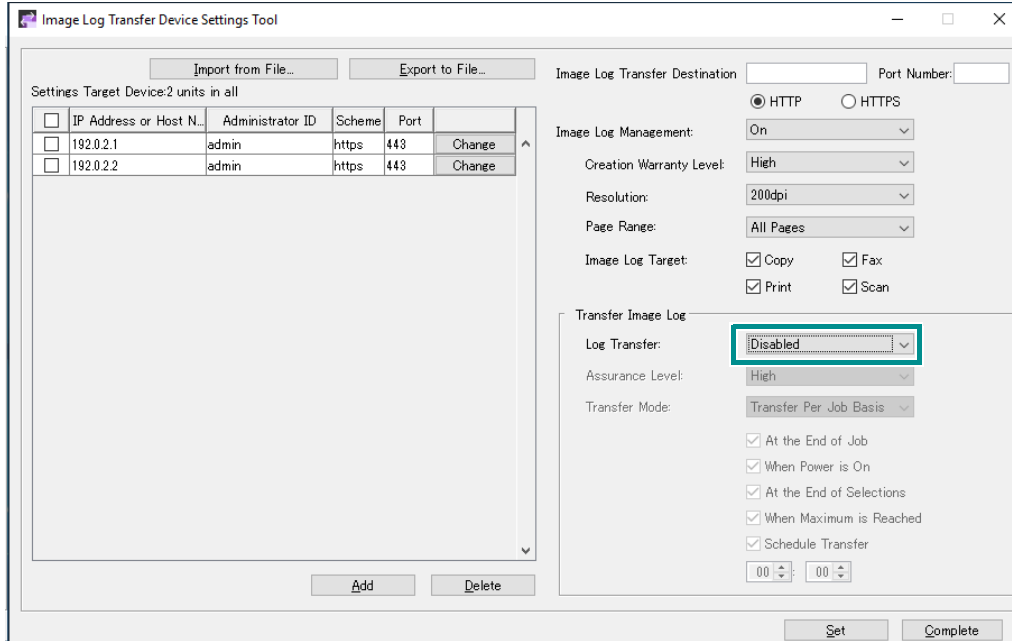
4. Change [Transfer Image Log] > [Assurance Level] as necessary.

When image log transfer is stopped, the image log transferred from the device to the receiving server is saved in the device as an unsent log. If the number of unsent logs exceeds the maximum number of image logs that can be stored in the device, the following process is performed according to the [Assurance Level] set in the device. Set to [High] to ensure that jobs that occur on the device are recorded.

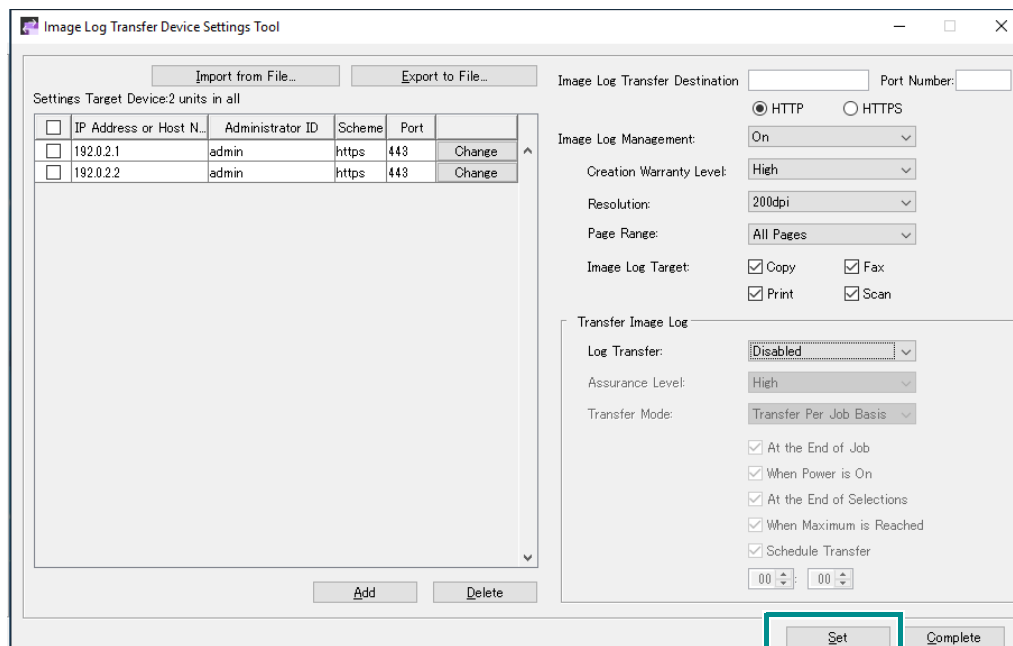
- When [Assurance Level] is [Low]: Old image logs are deleted
- When [Assurance Level] is [High]: Device stops accepting new jobs



5. Under [Transfer Image Log], set [Log Transfer] to [Disabled].



6. Click [Set].



Customer Environment Backup

Use the Image Log backup command to back up the data in your ApeosWare Image Log Management environment in case you need to restore the old environment during migration.



Refer

For details on backup commands, refer to the User Guide for ApeosWare Image Log Management.

Getting ApeosWare Image Log Management System Data

Use the migration tool to get the ApeosWare Image Log Management system data. If you are building ApeosWare Image Log Management in an isolated configuration, perform the following steps in the order of core server and receiving server.

1. Log on as an Administrator user to the PC where ApeosWare Image Log Management is installed.



Note

If you are building ApeosWare Image Log Management in an isolated configuration, log on to the core server first.

2. If .NET Framework 4.6.2 or later is not installed on the migration source (ApeosWare Image Log Management) server, install .NET Framework 4.6.2 with the following steps.
 - (1) Insert the ApeosWare Management Suite 2.2 installation media into the migration source server.
 - (2) Open the following folder on the ApeosWare Management Suite 2.2 installation media.
{Media Root}\cm\apeos\basic\DotNetFrameWork46
 - (3) Run ndp462-kb3151800-x86-x64-allos-enu.exe to install .NET Framework 4.6.2 on the migration source server.
3. Copy the following folder on the ApeosWare Management Suite 2.2 installation media to a folder of your choice.
<root>(root of installation media)\migrationtools\awilm
4. Unzip ImageLogMigrationTool.zip and run ImageLogMigrationTool.exe.
5. The migration tool will start. Switch the display language if necessary.
6. Select [System Data], click [Browse], specify where you want to save the system data, and then click [Start].

Data Migration Tool

Data Migration Tool for ApeosWare Management Suite 2 Image Log Management Option

Data Type Selection

Run Export

Check Results

Export ApeosWare Image Log Management data.
Select the type of data to export and click [Start].

☒ System Data

Export system data from ApeosWare Image Log Management. Select a folder to save the exported data and click [Start].

Browse

☐ Archived Data

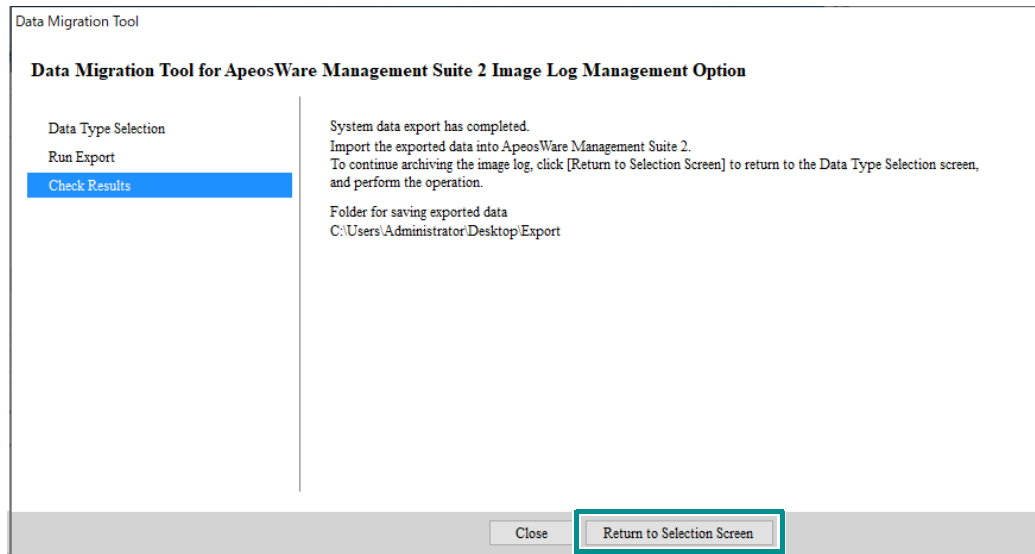
Archive all image logs saved in ApeosWare Image Log Management.
If the receiving service is running, only data that has been received / extracted at the start of archiving will be archived.

Output Destination for Archive:
C:\FUJIFILM\ApeosWare Image Log Management\Image Log\Image Log Management\exported

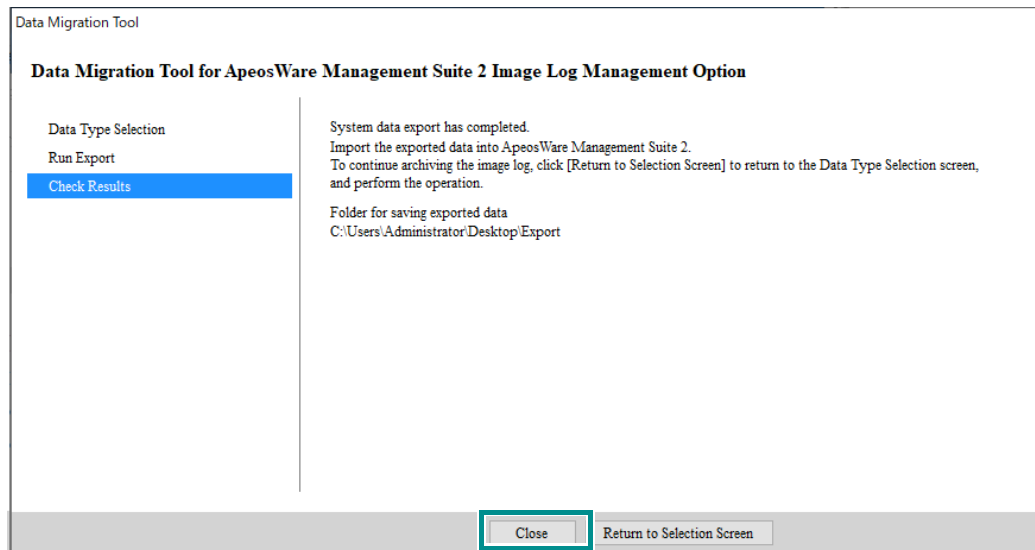
Start Cancel

System data export will start.

7. When the screen indicating that export has completed appears, check the contents, and then click [Return to Selection Screen].



8. If you are building ApeosWare Image Log Management in an isolated configuration, log in to the receiving server and perform Steps 2 to 7.
9. When the screen indicating that export has completed appears on the receiving server, check the contents, and then click [Close] to exit the migration tool.



Archiving Image Log

Use the migration tool to archive the image logs of ApeosWare Image Log Management and retrieve the archived data.



Note

Archiving the image log deletes the monitoring history. If you need to keep the monitoring history, print the monitoring history and monitoring report before archiving.



Refer

For procedure to output monitoring history and monitoring report, refer to the User Guide of ApeosWare Image Log Management.

1. If you are building ApeosWare Image Log Management in an isolated configuration, log on as an Administrator user to the PC that is the receiving server for ApeosWare Image Log Management.



Note

If you are building ApeosWare Image Log Management in a single server configuration, log on to the PC where ApeosWare Image Log Management is installed.

2. Wait for the intermediate data reception/extraction process to complete.
Check the following three folders (including subfolders) to make sure files do not exist. If files exist, wait for them to be moved.
{Receiving spool}\storing, {Receiving spool}\waiting, {Extraction spool}\data



Note

For receiving spool and extraction spool paths, you can log in to ApeosWare Image Log Management as a user with image log system administrator permissions, launch the System Management screen, and check from [Operation Status] > [Folder Status].

3. If you are building ApeosWare Image Log Management in an isolated configuration, log on as an Administrator user to the PC that is the core server of ApeosWare Image Log Management.



Note

This step is not required if you are building ApeosWare Image Log Management in a single server configuration.

4. Select [Archived Data] in the migration tool and click [Start].



Note

If the migration tool is closed, run ImageLogMigrationTool.exe again.

Data Migration Tool

Data Migration Tool for ApeosWare Management Suite 2 Image Log Management Option

Data Type Selection

Run Export

Check Results

Export ApeosWare Image Log Management data.
Select the type of data to export and click [Start].

☐ System Data

Export system data from ApeosWare Image Log Management. Select a folder to save the exported data and click [Start].

C:\Users\Administrator\Desktop\Export Browse

☒ **Archived Data**

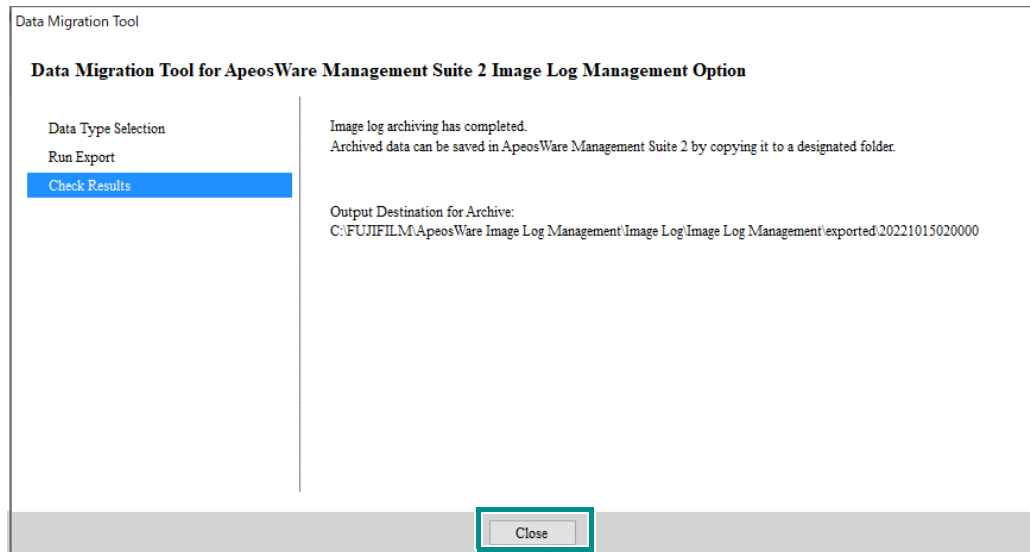
Archive all image logs saved in ApeosWare Image Log Management.
If the receiving service is running, only data that has been received / extracted at the start of archiving will be archived.

Output Destination for Archive:
C:\FUJIFILM\ApeosWare Image Log Management\Image Log\Image Log Management\exported

Start Cancel

Image log archiving will start.

5. When the screen indicating that archiving has completed appears, check the contents, and then click [Close].



License Deactivation and Removal for ApeosWare Image Log Management

Deactivate all activated licenses of ApeosWare Image Log Management, and remove them.



Refer

For procedure on license deactivation and removal, refer to the User Guide of ApeosWare Image Log Management.

Uninstalling ApeosWare Image Log Management

Uninstall ApeosWare Image Log Management.

You also need to uninstall the following software:

- Monitoring Service
- Identity Management
- Prerequisite Software (SQL Server, .NET Framework 3.5 / 4 / 4.6)



Refer

For procedure to uninstall, refer to the User Guide of ApeosWare Image Log Management.

Installing ApeosWare Management Suite 2

Install ApeosWare Management Suite 2.



Note

- Install ApeosWare Management Suite 2 version 2.2.3 or later (latest version recommended).
- For the license used for installation, specify the ApeosWare Management Suite 2 license.

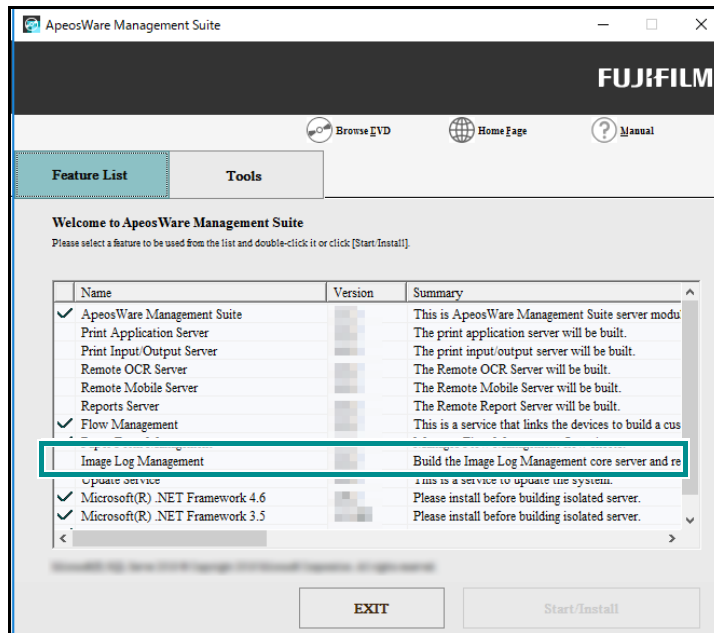


Refer

- For details on updating to the latest version, refer to "1 Update Installation" (P.5)
- For details on installing ApeosWare Management Suite 2, refer to "1 Setup" in the Setup Guide.

Installing Image Log Management

Double-click [Image Log Management] on the [Feature List] tab to install Image Log Management.



Note

- Make sure the Image Log Management version is 2.2.3 or later.
- For the license used for installation, specify the Image Log Management license.



Refer

For setup details, refer to “1 Setup” in the Setup Guide.

External User / External User Group Settings

Use the User Import feature of ApeosWare Management Suite 2 to import external users / external user groups from Active Directory or LDAP server.



Note

If the users to be migrated are local users, you do not need to perform this step.



Refer

For details on the User Import feature, refer to “4 User Management” in the Feature Guide.

System Data Migration

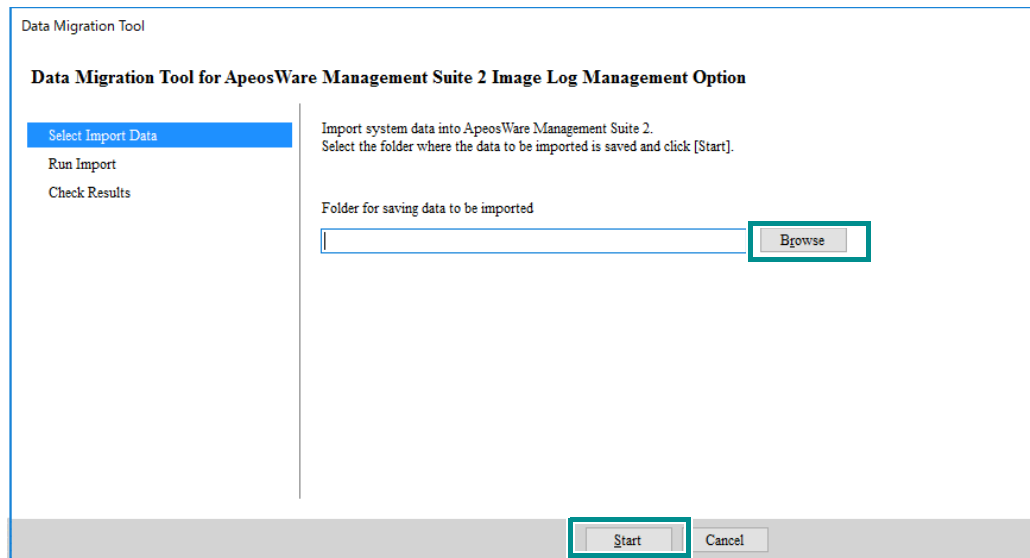
Run the migration tool and follow the steps below to migrate system data to ApeosWare Management Suite 2. If you are building ApeosWare Management Suite 2 in a distributed configuration, perform the following steps on each server where Image Log Management is installed.



Note

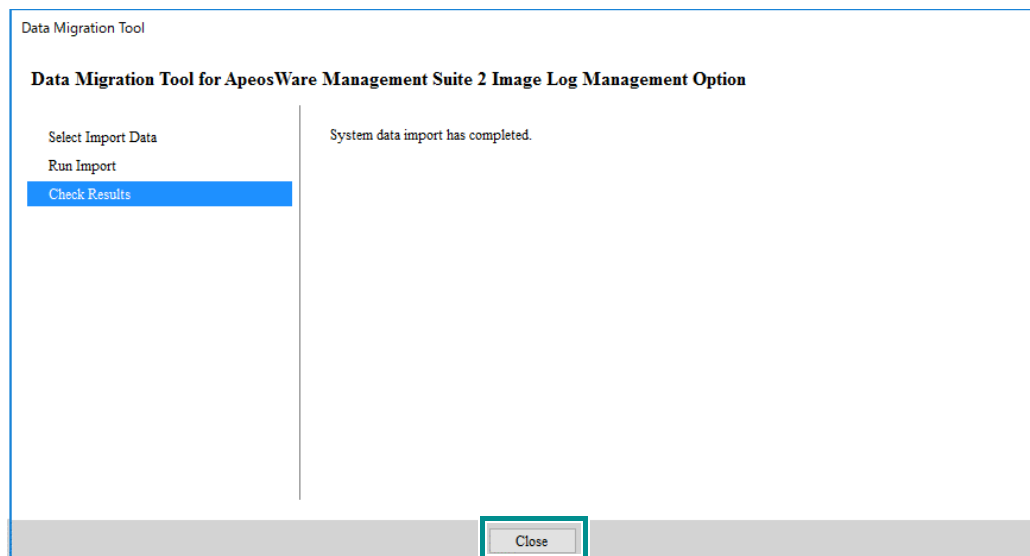
- If the image log core server and image log receiving server are in isolated configurations, perform Steps 1 to 6 in the order of main server, image log core server, and image log receiving server.
- If the image log server is in an isolated configuration, perform Steps 1 to 6 in the order of main server and image log server.

1. Log on as an Administrator user to the PC where Image Log Management is installed.
2. Copy the following folder on the ApeosWare Management Suite 2 installation media to a folder of your choice.
<root>(root of installation media)\migrationtools\awilm
3. Unzip ImageLogMigrationTool.zip and run ImageLogMigrationTool.exe.
4. The migration tool will start. Switch the display language if necessary.
5. Click [Browse] to specify the save destination for the system data you want to import, and then click [Start].
Specify the save destination for the data copied in "Getting ApeosWare Image Log Management System Data" (P.76)



System data import will start. It will take a while for the work to complete.

6. Click [Close] when the import completion screen appears.



7. For distributed configurations, repeat Steps 1 to 6 on the image log server, image log core server, or image log receiving server.

Device Registration and Image Log Transfer Settings

Register the device used for ApeosWare Image Log Management in ApeosWare Management Suite 2 and configure the image log transfer settings. After the configuration is complete, the image log will be transferred to ApeosWare Management Suite 2.

Use one of the following procedures to configure.

- Configure from the Device Management screen of ApeosWare Management Suite 2
- Configure from the Device Group Settings screen of ApeosWare Management Suite 2
- Configure using the Data Input Console

Configure from the Device Management screen of ApeosWare Management Suite 2

When registering a new device

1. Log in to the Administrator screen of ApeosWare Management Suite 2.
2. Select [Service Settings] > [Device Management] > [Device List].
3. Click [Device Registration] to register the device on the [Device Registration] screen.
4. In [Image Log Control Settings] of [Communication Settings], configure the following settings.
 - [Image Log Control]: [On]
 - [Transfer Image Log]: [On]
 - [Transfer Destination]: PC where Receiving Service of Image Log Management is installed

Configure the transfer settings for other image logs according to the operation method of the image log after migration.



Refer

For details on image log transfer settings, refer to “3 Device Management” in the Feature Guide.

5. Click the [Save] button from [Summary] to register the device.

When ApeosWare Management Suite 2 is already running and the device has already been registered

1. Log in to the Administrator screen of ApeosWare Management Suite 2.
2. Select [Service Settings] > [Device Management] > [Device List].
3. Open the properties of the device for which you want to apply image log transfer settings.
4. In [Image Log Control Settings] of [Communication Settings], configure the following settings.

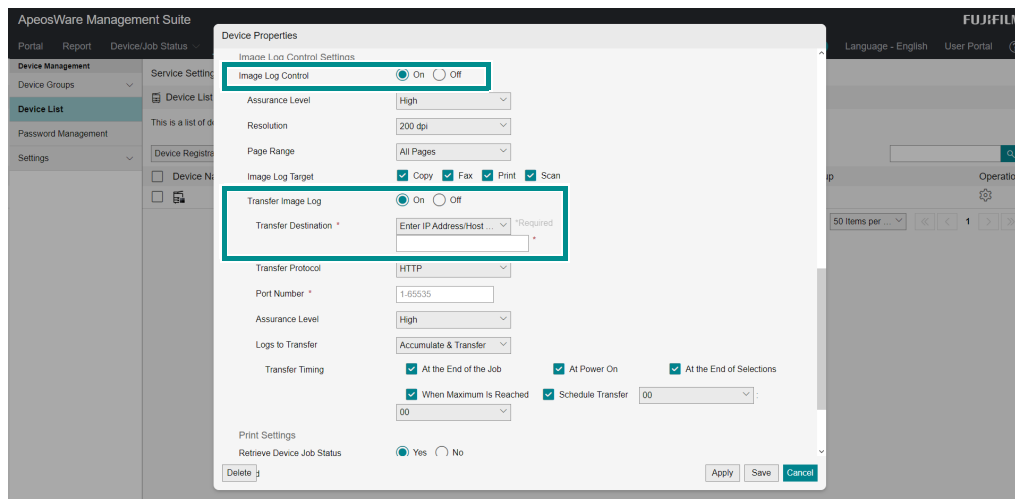
- [Image Log Control]: [On]
- [Transfer Image Log]: [On]
- [Transfer Destination]: PC where Receiving Service of Image Log Management is installed

Configure the transfer settings for other image logs according to the operation method of the image log after migration.



Refer

For details on image log transfer settings, refer to “3 Device Management” in the Feature Guide.



5. Click the [Save] button to apply the image log transfer settings.

Configure from the Device Group Settings screen of ApeosWare Management Suite 2

When registering a new device group

1. Log in to the Administrator screen of ApeosWare Management Suite 2.
2. Select [Service Settings] > [Device Management] > [Device Groups].
3. Select [All Device Groups] from the side menu and click [Create Device Group].
4. On the [Basic Settings] screen, enter a device group name.
5. In [Image Log Control Settings] of [Communication Settings], configure the following settings.
 - [Image Log Control]: [On]
 - [Transfer Image Log]: [On]

- [Transfer Destination]: PC where Receiving Service of Image Log Management is installed

Configure the transfer settings for other image logs according to the operation method of the image log after migration.



Refer

For details on image log transfer settings, refer to “3 Device Management” in the Feature Guide.

6. Click the [Save] button from [Summary] to register the device.

When ApeosWare Management Suite 2 is already running and a device group has already been created

1. Log in to the Administrator screen of ApeosWare Management Suite 2.
2. Select [Service Settings] > [Device Management] > [Device Groups].
3. Open the properties of the device group for which you want to apply image log transfer settings.
4. In [Image Log Control Settings] of [Communication Settings], configure the following settings.
 - [Image Log Control]: [On]
 - [Transfer Image Log]: [On]
 - [Transfer Destination]: PC where Receiving Service of Image Log Management is installed
 Configure the transfer settings for other image logs according to the operation method of the image log after migration.



Refer

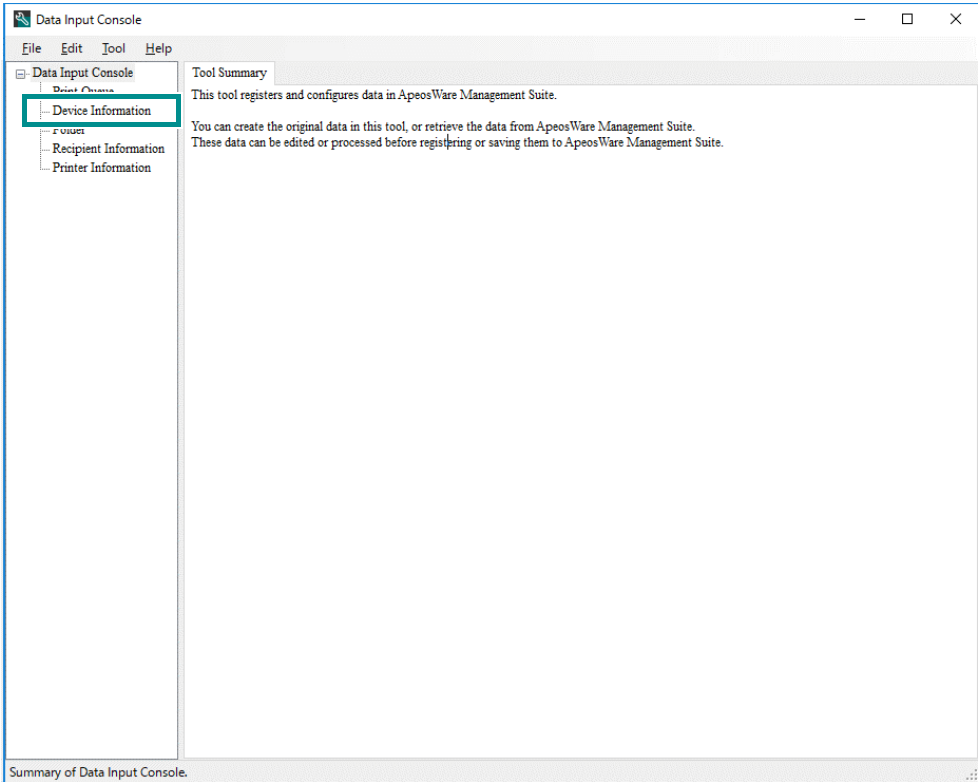
For details on image log transfer settings, refer to “3 Device Management” in the Feature Guide.

5. Click the [Save] button to apply the image log transfer settings.

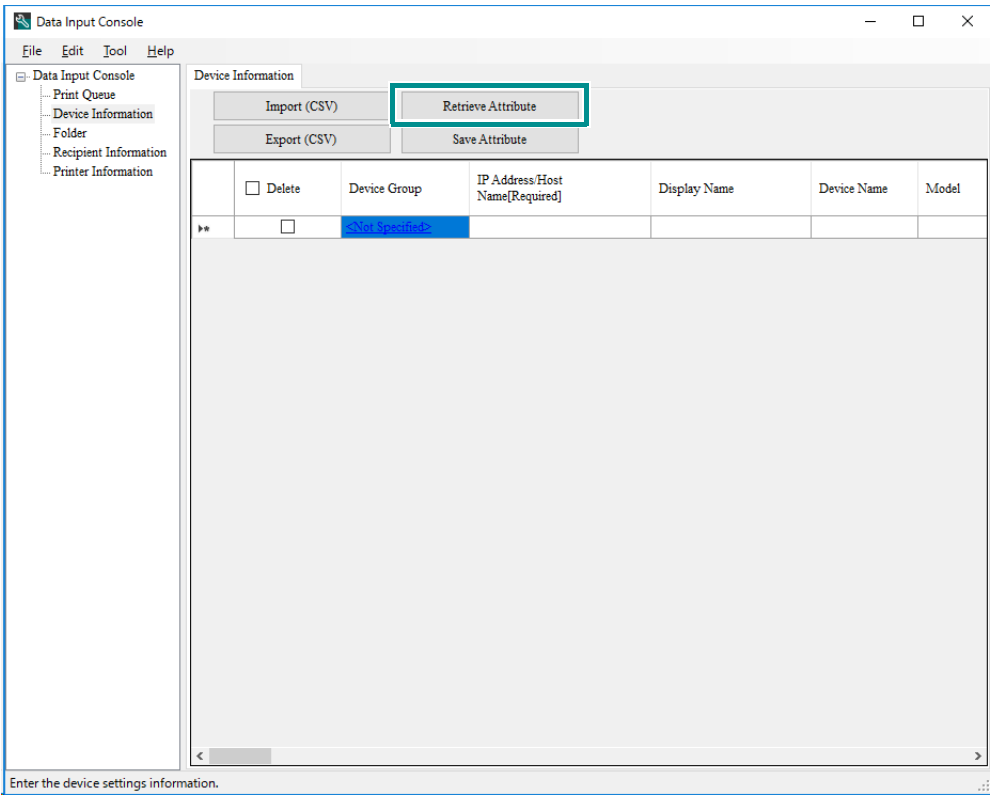
Configure using Data Input Console

1. Log on as an Administrator user to the PC where ApeosWare Management Suite 2 is installed.
2. From the menu that launches Windows programs, select [FUJIFILM ApeosWare Management Suite] > [Data Input Console].
The Data Input Console will start.
Switch the display language if necessary.

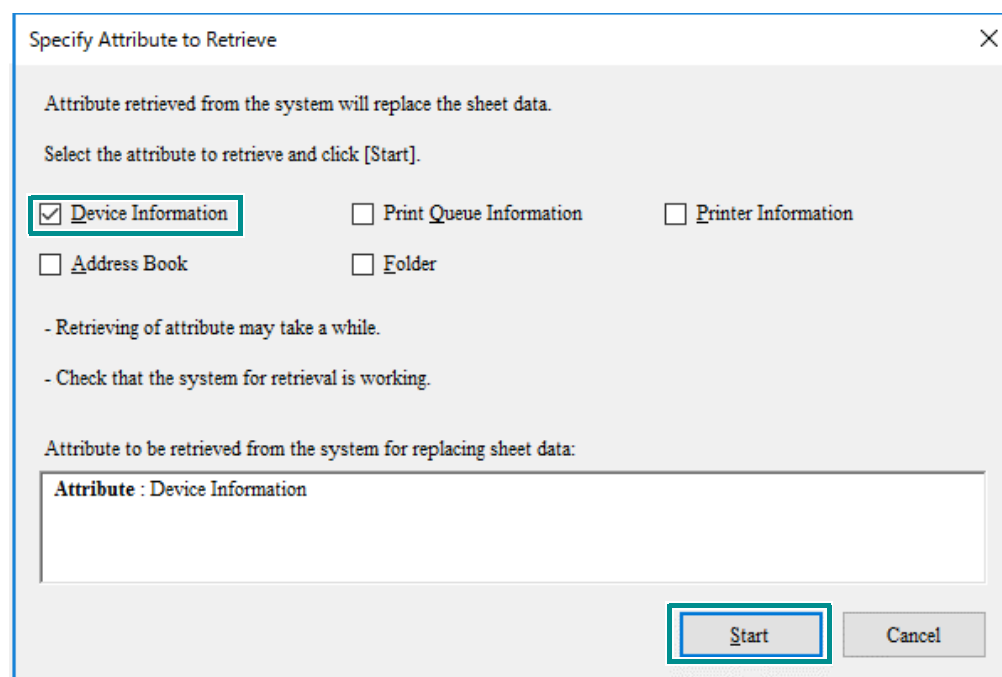
3. Click [Data Input Console] > [Device Information] from the tree on the left.



4. Click [Retrieve Attribute].



5. Select the [Device Information] checkbox and click [Start].
Get the device information registered in ApeosWare Management Suite 2.



Specify Attribute to Retrieve

Attribute retrieved from the system will replace the sheet data.
Select the attribute to retrieve and click [Start].

☒ Device Information ☐ Print Queue Information ☐ Printer Information
☐ Address Book ☐ Folder

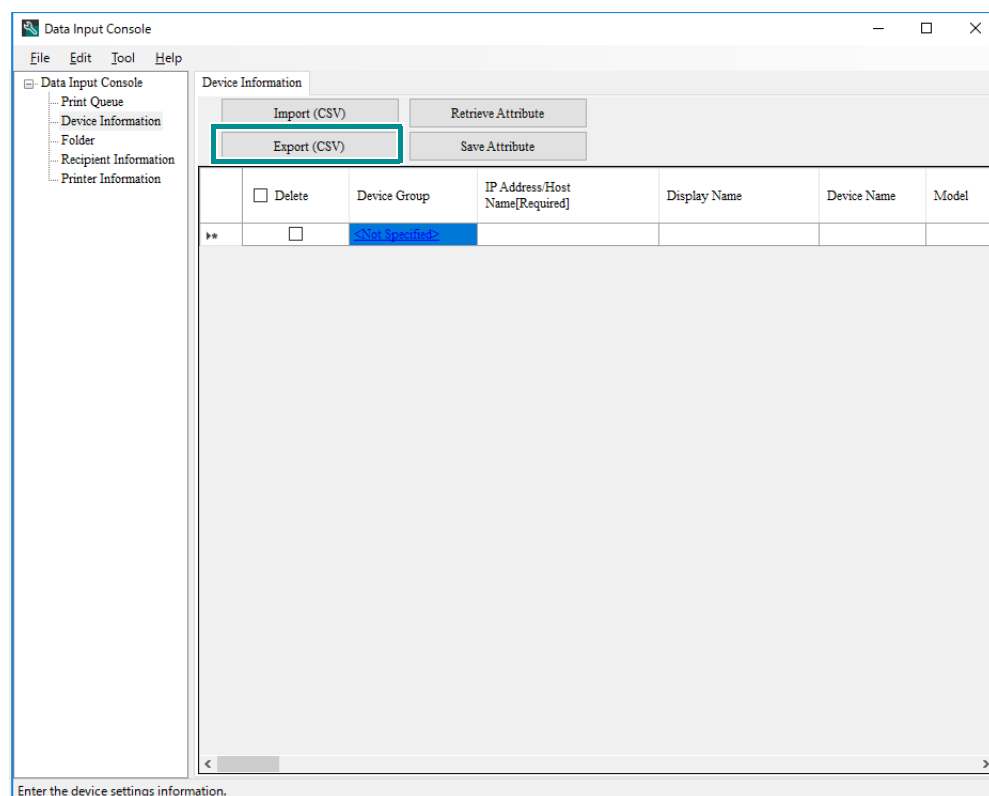
- Retrieving of attribute may take a while.
- Check that the system for retrieval is working.

Attribute to be retrieved from the system for replacing sheet data:

Attribute : Device Information

Start Cancel

6. Click [Export] to export the CSV file.
Device information registered in ApeosWare Management Suite 2 will be exported in CSV format.
Even if there are no registered devices, you can omit entering the column name for each device information by using the exported CSV file.



Data Input Console

File Edit Tool Help

Data Input Console

- Print Queue
- Device Information
- Folder
- Recipient Information
- Printer Information

Device Information

Import (CSV) Retrieve Attribute
Export (CSV) Save Attribute

| | <input type="checkbox"/> Delete | Device Group | IP Address/Host Name[Required] | Display Name | Device Name | Model |
|----|---------------------------------|-----------------|--------------------------------|--------------|-------------|-------|
| ** | <input type="checkbox"/> | <Not Specified> | | | | |

Enter the device settings information.

7. Open the exported CSV file in Excel.

| | A | B | C | D | E | F | G | H |
|---|-----------|------------|-----------|-----------|-------|----------|---------|------------|
| 1 | Device Gr | IP Address | Display N | Device Na | Model | Location | Remarks | Inherit De |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |

If ApeosWare Management Suite 2 is already running, the settings of the registered device are described.

| | A | B | C | D | E | F | G | H | I | J |
|---|-----------|------------|-----------|-----------|-------|----------|---------|------------|-----------|-----------|
| 1 | Device Gr | IP Address | Display N | Device Na | Model | Location | Remarks | Inherit De | Administr | Administr |
| 2 | | 192.0.2.1 | | | | | | | admin | |
| 3 | | 192.0.2.2 | | | | | | | admin | |
| 4 | | | | | | | | | | |

8. The device information to be registered in ApeosWare Management Suite 2 will be described in the CSV file.

For newly registered devices, add a new line and configure each setting. [IP Address/Host Name] is required so make sure to enter it.

For devices that are already running ApeosWare Management Suite 2 and have already been registered, configure the image log transfer settings.

| | A | B | C | D | E | F | G | H | I | J |
|---|-----------|------------|-----------|-----------|-------|----------|---------|------------|-----------|-----------|
| 1 | Device Gr | IP Address | Display N | Device Na | Model | Location | Remarks | Inherit De | Administr | Administr |
| 2 | | 192.0.2.1 | | | | | | | admin | |
| 3 | | 192.0.2.2 | | | | | | | admin | |
| 4 | | 192.0.2.3 | | | | | | | admin | |
| 5 | | 192.0.2.4 | | | | | | | admin | |
| 6 | | 192.0.2.5 | | | | | | | admin | |
| 7 | | 192.0.2.6 | | | | | | | admin | |

Image logs will be transferred to ApeosWare Management Suite 2 by making the following settings when configuring image log transfer.

[Image Log Control]: TRUE

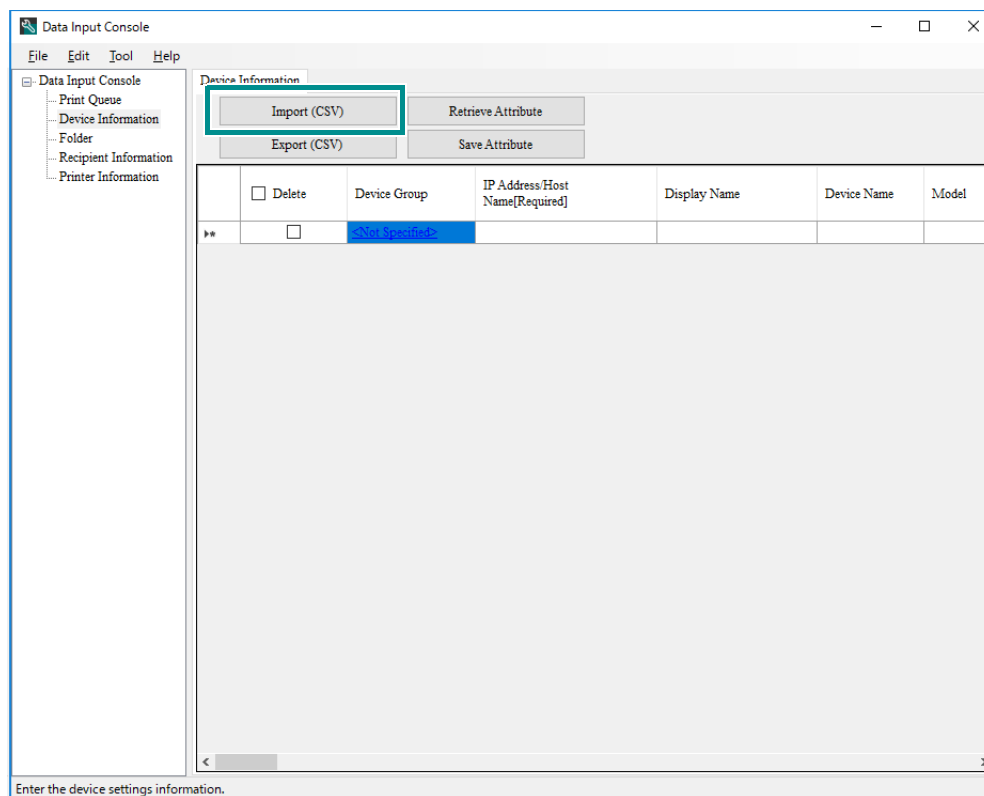
[Transfer Image Log]: TRUE

[Transfer Destination]: PC where Receiving Service of Image Log Management is installed

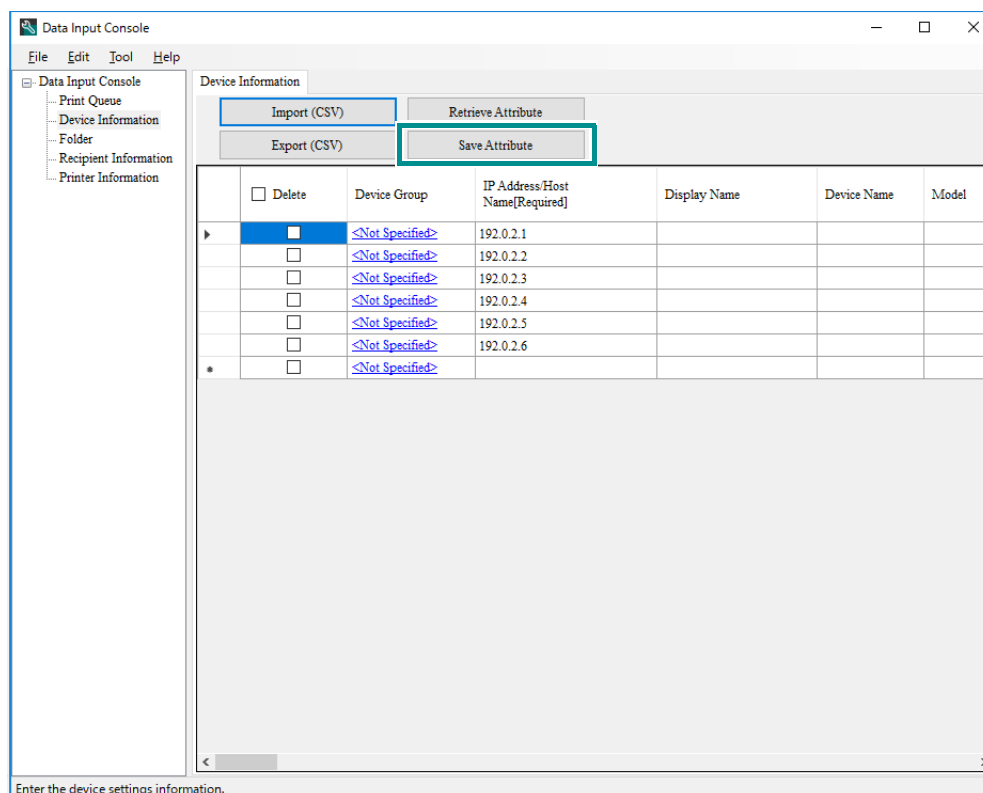
Configure the transfer settings for other image logs according to the operation method of the image log after migration.

| AF | AG | AH | AI | AJ | AK | AL | AM | AN | AO | AP |
|-------------------|-----------|------------|------------|-----------|-----------|-----------|-----------|--------------------|--------------------|--------------------|
| Image Log Control | Assurance | Resolution | Page Range | Image Log | Image Log | Image Log | Image Log | Transfer Image Log | Transfer Image Log | Transfer Image Log |
| TRUE | | | | TRUE | TRUE | TRUE | TRUE | TRUE | 192.0.2.128 | |
| TRUE | | | | TRUE | TRUE | TRUE | TRUE | TRUE | 192.0.2.128 | |
| TRUE | | | | TRUE | TRUE | TRUE | TRUE | TRUE | 192.0.2.128 | |
| TRUE | | | | TRUE | TRUE | TRUE | TRUE | TRUE | 192.0.2.128 | |
| TRUE | | | | TRUE | TRUE | TRUE | TRUE | TRUE | 192.0.2.128 | |
| TRUE | | | | TRUE | TRUE | TRUE | TRUE | TRUE | 192.0.2.128 | |

9. Click [Import] to import the CSV file with added device information.



10. Click [Save Attribute].
The device will be registered in ApeosWare Management Suite 2.



Copying Archived Data

Copy the ApeosWare Image Log Management archived data obtained to the archive folder on the PC where Image Log Management Core Service is installed.

The archive folder is as follows.

{Image log save destination folder}\exported



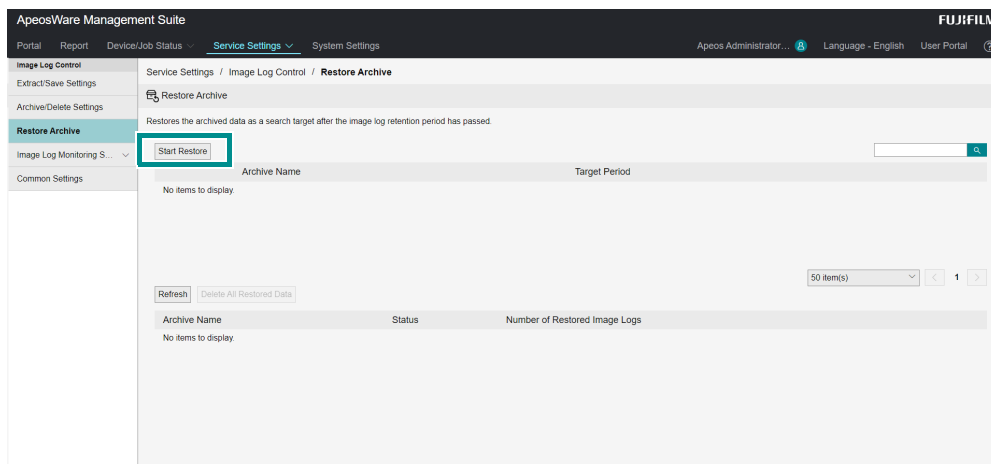
Note

{Image log save destination folder} is specified when setting up Image Log Management.

Restoring Archived Data

Access the Administrator screen of ApeosWare Management Suite 2, select [Service Settings] > [Image Log Control] > [Restore Archive], select the copied archived data, and click [Start Restore].

The archive name of the archived data will be the date when the migration tool was run.



Copying Error Data

Migrate data that has an error during the receiving or extraction process. Performing this step is optional.

Next, copy the stored error data to the migration destination error folder.

Copy target: ApeosWare Image Log Management error data

{Receiving spool}\error, {Extraction spool}\error

Copy destination: ApeosWare Management Suite 2 error folder

{Receiving spool}\error, {Extraction spool}\errorr



Note

{Receiving spool} and {Extraction spool} will be created in the work spool folder specified during setup.

- For ApeosWare Image Log Management
Receiving spool: {Work spool folder}\receive
Extraction spool: {Work spool folder}\extract
- For ApeosWare Management Suite 2
Receiving spool: {Work spool folder}\spool\Image Log Management\receive
Extraction spool: {Work spool folder}\spool\Image Log Management\extract

Operation Confirmation

Access the Administrator screen of ApeosWare Management Suite 2, and select [Report] > [Extended Report] > [Search Image Log] to search for the restored archived data.

The screenshot displays the 'Search Image Log' interface within the ApeosWare Management Suite. The top navigation bar includes 'Portal', 'Report', 'Device/Job Status', 'Service Settings', and 'System Settings'. The left sidebar lists various report categories. The main content area features a search bar and several filter sections: 'Search Condition' with checkboxes for service types (Copy, Print, Send Fax, Receive Fax, Scan, File Transfer, Email Transfer, Job Flow Sheets, System Sheet, Other), date/time range (13/10/2022 12:00 am to 20/10/2022 11:59 pm), and search criteria (Keyword, Pattern, User Name). A table at the bottom is titled 'Table Settings' and lists columns: User Name, Group Name, Date/Time Completed, Service Type, Device IP Address, and Operation. The table currently shows 'No items to display'.

Migration Tool Log

Migration tool logs are stored in the Log folder, which is generated in the same hierarchy as ImageLogMigrationTool.exe.

AWILM-datamigration-system-YYYY-MM-DD.log

AWILM-datamigration-debug-YYYY-MM-DD.log

Notes and Restrictions

- The migration tool (ImageLogMigrationTool.exe) must be run by a user with administrator permissions.
- If an error occurs while running ImageLogMigrationTool.exe, take the following actions:
 - For the system data export process, you must eliminate the cause, delete all files in the save destination folder specified when exporting, and then perform the operation again.
 - For the archived data export process, you must eliminate the cause and perform the operation again.
 - For the import process, you must eliminate the cause of the error, and then perform the operation again.
- Restoring archived data may take some time.
- Searching image logs in the ApeosWare Management Suite Image Log Option environment takes a little longer as compared with ApeosWare Image Log Management and ApeosWiz Image Log before migration.



For details on how to check whether the archived data has been restored, refer to the Feature Guide of ApeosWare Management Suite.