

ApeosWare Management Suite 2

Smart, powerful document communication



Promoting business communication with powerful documentation

Most businesses are faced with increasing numbers of multifunction devices, printers, faxes, and the growing need to utilize mobile devices. The increasing number of devices and variety of work styles lead to issues such as extra management work, risk of information leakage, increasing costs, heavy printing activities and longer work hours.

ApeosWare Management Suite 2 is a software that can manage devices and their usages, and provides integrated authentication, print output, log accounting, and document distribution.

The new version of ApeosWare Management Suite 2 enhances four points to focus on customer requirements. It promotes comprehensive document management to provide high value to businesses.

Visualize

Advanced design and visualization from the user's perspective

- Intuitive user interface
(Administrator UI / device control panel / mobile device)
- Easy installation and setup
- Create accounting reports
- Display usage status

Organize

Efficiently manage life cycle from creation to disposal

- Device management
- User management
- Print management
- Cost management

Adapt

Extended functionality with enhancement options

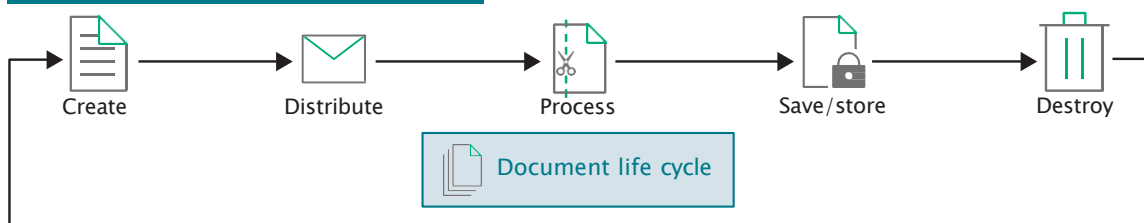
- Available in Entry Edition and Enterprise Edition
- Flexible system configurations to meet IT requirements

Connect

Adapt to the ever-changing business environment to improve

- Linking with file management services
- Document distribution by workflow

Supporting the document life cycle



ApeosWare Management Suite 2

Visualize

Administrators are able to complete necessary settings and operations without looking at a manual, and users are able to quickly access the services they need. ApeosWare Management Suite 2 realizes a sleek system that removes tediousness with an easy-to-understand interface, simple settings and operations, and data visualization.

Organize

With ApeosWare Management Suite 2, the document life cycle can be organized to increase operational efficiency of the administrators and strengthen governance for the business. Consistency is made possible as the system will inherit the grouping features set by the administrator and implement the same feature across the fleet of devices in the office. This ensures centralized management for the status of registration, settings and application of the appropriate user profiles.

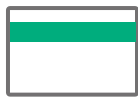
Adapt

The features used and the amount of data handled by each customer are different. ApeosWare Management Suite 2 is available in Entry Edition and Enterprise Edition product packages to provide features as needed.

Connect

Customers exchange information daily across multiple platforms including multifunction devices, computers, operational systems and cloud services. ApeosWare Management Suite 2 connects to various devices and systems used by customers, and promotes input and output of documents.

A new version for more convenience and efficiency.



Alleviate burden of cost transfers



Reduce waste with print rules



Smooth storage of scanned documents



Easy output commands from mobile devices

Start with the trial version

See how easy it is to use and adopt this software solution with a free 60-day trial.

Address issues related to document input and output, including the cost of managing documents, risk of leaks, print queue traffic and operational delays.

ApeosWare Management Suite 2

Visualize

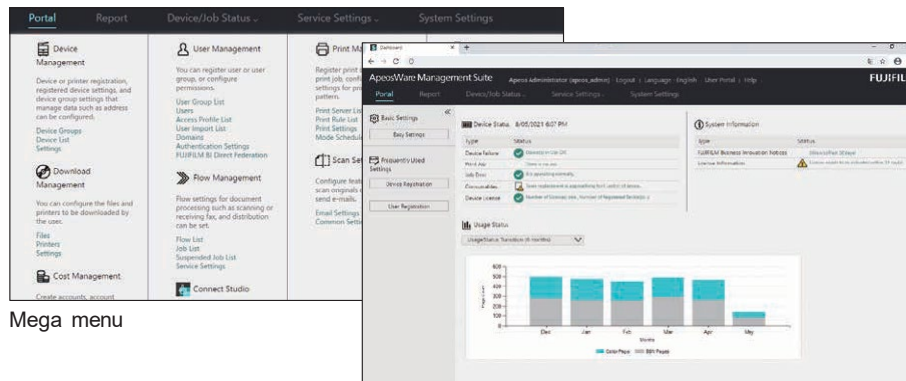
Advanced design and visualization from the user's perspective

Easy-to-understand interface Intuitive operations

To a busy administrator, reading a manual to learn procedures is just tedious...

An "Administrator UI" to learn operations while using the system

An intuitive interface makes settings and operations easy even without the manual. Administrators will quickly learn the operations of ApeosWare Management Suite 2.



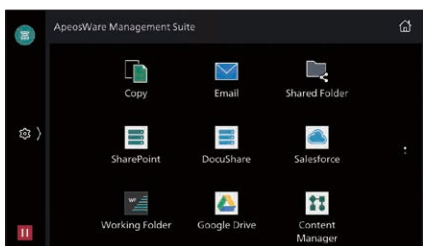
Mega menu

Administrator portal

I want to operate devices with as few steps as possible...

Menu displayed on the control panel

Menus for the ApeosWare Management Suite 2 are provided on the control panel of the devices. You can quickly access to the operation service on the device. External linkage system such as DocuShare and SharePoint can be connected to the system to provide you with the same operational experience.



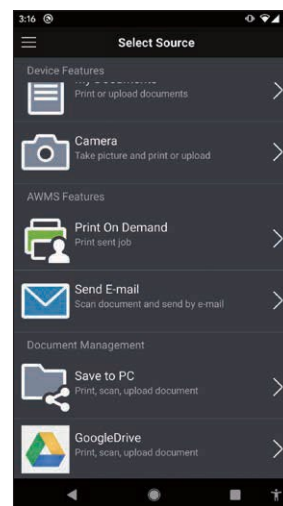
Multifunction device Control Panel

I want to operate my mobile device the same way as my computer...

Direct operations from mobile devices

A specialized program is provided for mobile devices. Devices, users, and setting information specified on ApeosWare Management Suite 2 are applied to mobile devices to allow direct output and scanning by intuitive operations from the user interface. Devices to output and scan by using QR codes* can also be setup easily.

* QR Code registered trademark DENSO WAVE INCORPORATED.



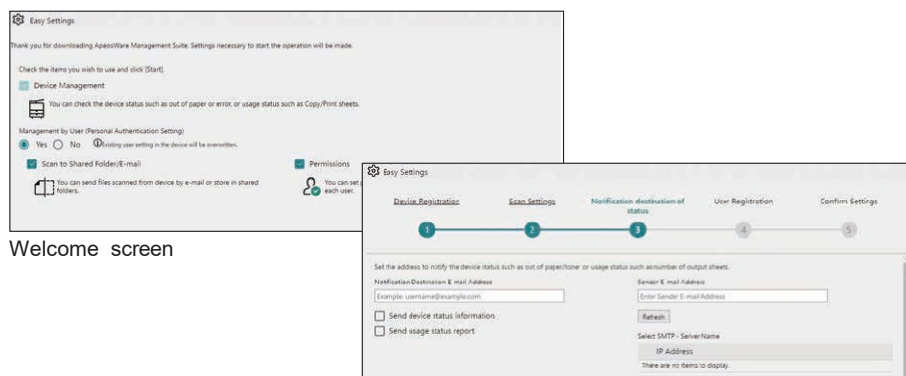
Mobile device user interface screen

Easy installation and setup Visualize procedures for settings

I'm worried about the installation without an IT person at my company...

Settings screens navigate even inexperienced users

ApeosWare Management Suite 2 has easy settings functions built in to automatically navigate users through screens until the settings are complete. Users will be able to install and specify the default settings themselves to limit the time and cost of adoption.



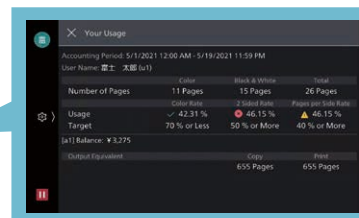
Welcome screen

Easy setup screen

Get data on the control panel

Display the usage status on the control panel on login

Usage status



The usage status screen



Mr. A, Sales division
Cost-cutting target
has not been met
Status displayed



Mr. B, Sales division
Cost-cutting target
has been met
Status not displayed



Miss. C, Secretary
Not applicable

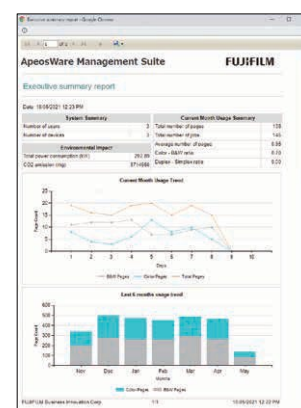
Visualize usage status with reports

Creating over thirty different types of reports

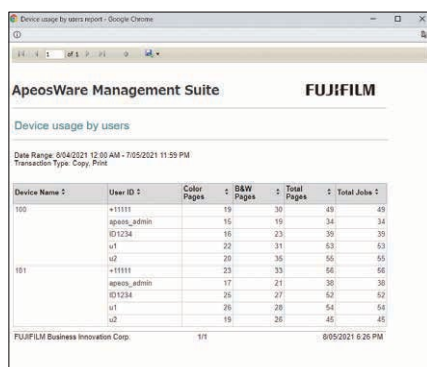
The screenshot displays the ApeosWare Management Suite interface. The top navigation bar includes 'Home', 'Reports', 'Account Administration', 'System Settings', 'Language', 'User Portal', and 'Help'. The left sidebar contains 'Reports' (selected), 'Account Details', 'Devices / Device Groups', 'Individuality Reports', 'Print Reports', 'Risk Report', 'Custom Reports', 'Saved / Scheduled Reports', 'Scheduled Report', and 'Search Job Log'. The main content area is titled 'User's / User Groups' and includes a description: 'Users in this group. When a report takes a long time, it can be shortened by reducing the report items or range in [Custom Settings]'. Below this, there are filters for 'Transaction Type' (Copy, Print, Scan, Fax) and 'Time Period' (Last month, Report Format: Gr Screen). A table on the right lists various reports with 'Set Filter / Schedule' links.

Report Name	Options
Account Details	Set Filter / Schedule
Devices / Device Groups	Set Filter / Schedule
Individuality Reports	Set Filter / Schedule
Print Reports	Set Filter / Schedule
Risk Report	Set Filter / Schedule
Custom Reports	Set Filter / Schedule
Saved / Scheduled Reports	Set Filter / Schedule
Scheduled Report	Set Filter / Schedule
Search Job Log	Set Filter / Schedule

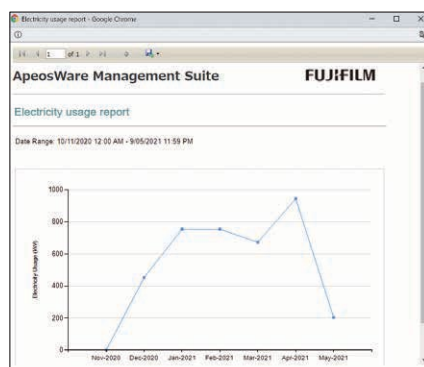
A screen for creating web-based reports



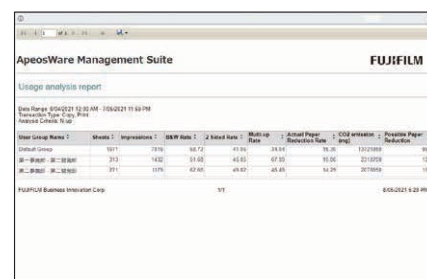
Executive summary report



Device usage report by user



Electricity usage report



Usage analysis report

- Web-based accounting reports
- Custom settings
- Various output formats (Web/PDF/Office documents)

- Automated report settings
(Email/shared folder storage)

Organize

Efficiently manage the document life cycle from creation to disposal

Management of devices Reduce burden of settings by assigning groups

With the increasing number of devices, the burden on the administrator also increases...

Organize and manage settings information

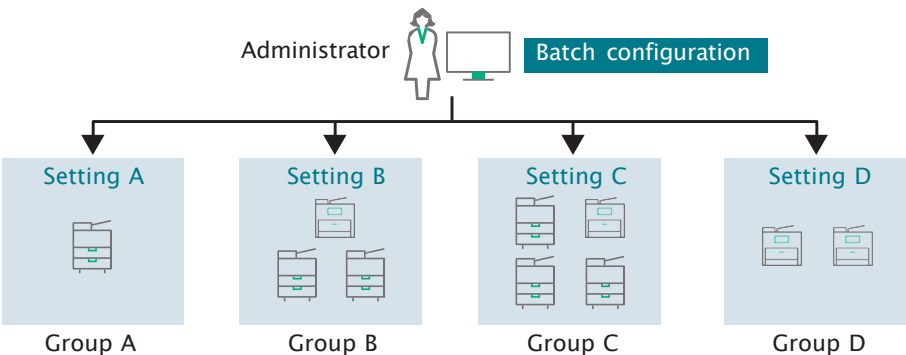
Device groups can be created and devices to manage can be registered to the group. It is possible to centrally manage settings information and to batch configure device settings. Resetting devices is easy even in case of a device malfunction.

Email notifications of device statuses

This function monitors the status of devices and sends notifications by email. Problems such as a lack of paper or paper jams can be handled in a timely manner.

Centrally manage device panel settings

Buttons on the control panel of devices can be registered in batches from the server to drastically reduce the time for installation.



- | Main features | |
|--|--|
| <ul style="list-style-type: none">• Management of devices and device groups• Automated registration of devices• Reflection of device data• Authentication/accounting settings | <ul style="list-style-type: none">• Display of device statuses/meter information• Notification settings for statuses• Displays job log collection status |

Management of users Manage departments and offices securely and all at once

I'm worried about security in an environment where many people use devices...

Strengthening security with user authentication

This function authenticates users when logging into devices to identify who is using the device before it is used.

Setting strict restrictions to functions and access privileges

Device features and color printing can be restricted by individual, department, or position. This reinforces security and promotes effective TCO reduction.

Easily register user information

User information can be imported from LDAP, SQL servers, Active Directory, and CSV files. This allows efficient registration and management.*

*Users can register their card IDs from the control panel of multifunction devices or their computer.

Feature and color printing restriction			
Part-time employee A	Employee B	Manager C	HR group
Only black & white Only copying	Color available Copy/print available	Color available No restrictions	Color available No restrictions Requires password entry

- | Main features | |
|---|---|
| <ul style="list-style-type: none">• Management of users and user groups• Settings for access profiles• Links with external authentication servers (domains)• Import of users• Import of accounts* | <ul style="list-style-type: none">• Settings for authentication features• Self-registration of user card IDs• FUJIFILM BI Direct Federation <p>* Entry Edition requires Cost Recovery Option.</p> |

Management of printing

Organize rules for efficient output

I want to thoroughly reduce costs without relying on user awareness...

Limit wastefulness through “print rules”

Rules for output such as “high speed, 2 sided printing of large-quantity jobs” and “black & white printing for email” can be specified. Output without wastefulness can be performed thoroughly without any particular reliance on user awareness.

Example settings of print rules

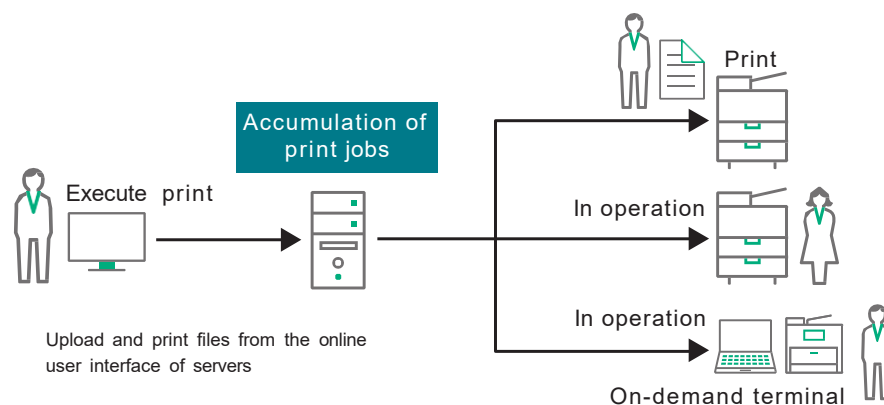
By data format	By color ratio	By sheets to print	By email	By time period
2 sided printing for PPT	Compulsory black & white printing for color ratios of 40% or more	Large-quantity print jobs are sent to low-cost, high-speed machines	Black & white for email printing	Cancels output of 50 sheets or more between 10:00 am and 5:00 pm

I can't print my urgent documents because the device is in use...

Quick Print On Demand*

“Print On Demand” can be used to output from any device of your choice upon user authentication. Your print jobs are stored temporarily to a server. This also allows you print out only the correct documents and delete those print job with incorrect settings.

*Print On Demand is optional for the Entry Edition and standard for the Enterprise Edition.



Restricting output by guest users

For example, users can pay to use “Guest Print”. The guest users will be able to perform the print job from designated locations, such as the library.

Main features

- Management of print servers
- Direct printing
- Print On Demand*
- Guest Print*
- Access protocols and print rules
- Popup notification
- Attribute changes of print jobs

* Optional for Entry Edition.

Providing a Mobility Environment

Input/output from mobile devices are also well managed

Achieving highly secure usability*

ApeosWare Management Suite 2 can manage input and output from smartphones and tablet devices.

* Optional for Entry Edition.

Output from the web or Email*

Files can be uploaded and output via a web browser. Emails and attachments sent to a specified email address can be printed.

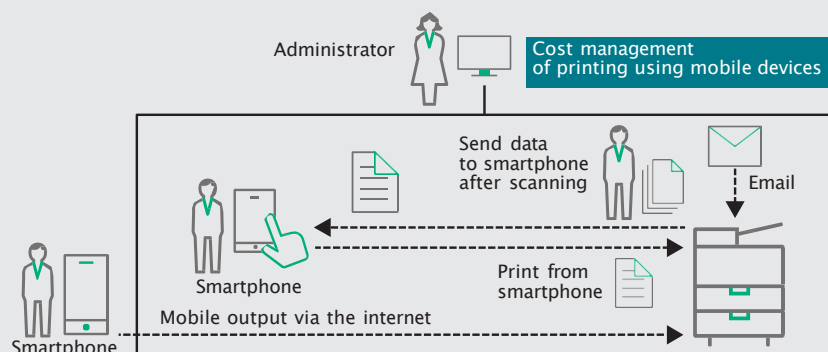
* Optional for Entry Edition.

Output via the Internet*

Isolating the Mobile Server allows mobile output via the internet.

* Optional for Entry Edition.

Note: Separate user licenses are required for 11 or more users.



Main features

- Sending of print jobs
- Operation of Print On Demand*¹
- Scan to Email
- Associating mobile devices with devices
- Links with file management services*²
- Cost management*¹

*1: Optional for Entry Edition.

*2: DocuShare, OneDrive, Microsoft SharePoint Server, Salesforce®, Microsoft SharePoint Online are supported optionally.

Cost management

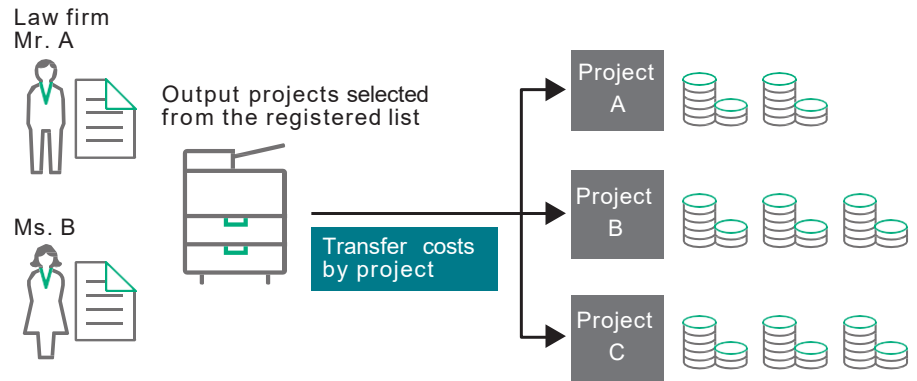
Organize the cost incurred according to the output by project

I want to transfer the costs for output as well when invoicing customers, but there's no way to do so by project...

Transfer costs by project*

For example, the staffs at offices such as law offices or architect studios that have multiple projects at the same time can register an account for each project in advance. This way, accounting results can be used to transfer costs.

* Optional for Entry Edition.

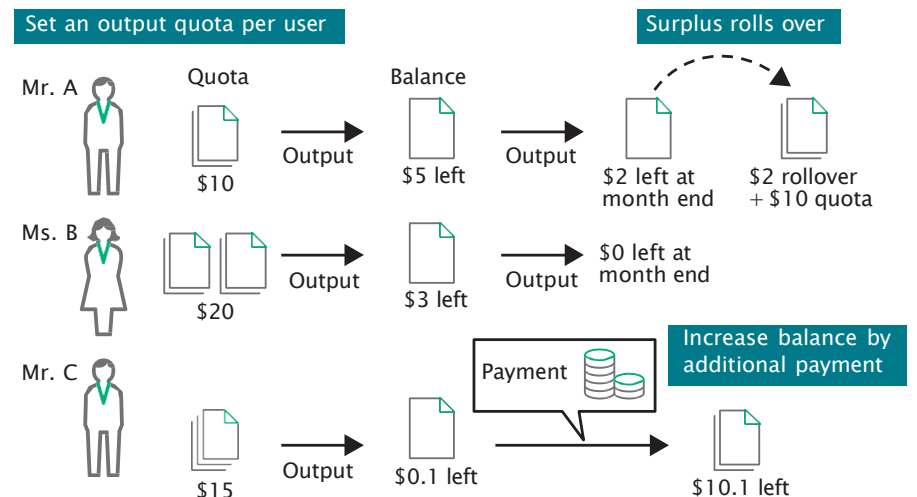


I want to properly manage the budget associated with output...

Decide and control the "balance"*

A balance can be set for each account to control the output costs. Flexible operations are possible by rolling over balances with a surplus to the next month or by replenishing accounts with insufficient balances.

* Optional for Entry Edition.

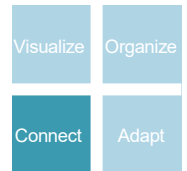


Main features

- Management of accounts
- Creation of fee structure
- Settings for replenishment schedules
- Accounting reports for each account

Connect

Adapt to the ever-changing business environment to improve processes



Link scan settings with file management services Flexibly connect devices with systems

Can I set the processing method or destination when scanning documents?

Consistent operations and easy login

Avoid confusion with a unified operation screen, even when accessing various file management services. Once user IDs and passwords are registered in advance, there is no need to log in to file management services every single time.

Simple settings from the control panel

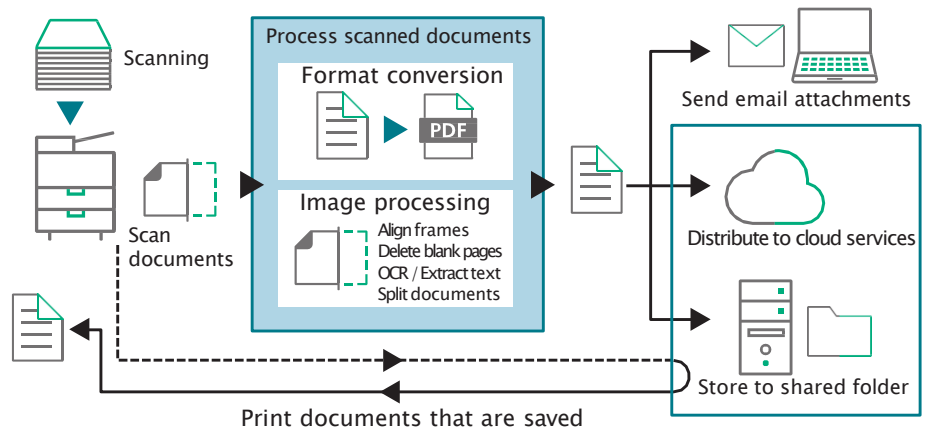
A simple flow function is provided to process and distribute scanned documents. Scanned documents can be attached and sent by email or stored in a shared folder on the network.

Input and output documents in the cloud*

For example, documents saved to cloud services can be accessed from the control panel of devices and printed.

*SMB, FTP, email, Google Drive™ are supported as standards. DocuShare, OneDrive, Microsoft SharePoint Server, Salesforce®, Microsoft SharePoint Online are supported optionally.

Easily specify flow settings from the control panel of devices



Main features

- Image processing
 - Scan settings
 - Email sending of scanned documents
 - Links with file management services
 - Printing of saved documents
 - Email notifications
 - Cost management*
- * Optional for Entry Edition.

Document distribution using flows* Paperless, timely links to downstream processes

* Optional

We receive so many faxes and scan documents daily, and it's tough to process them manually...

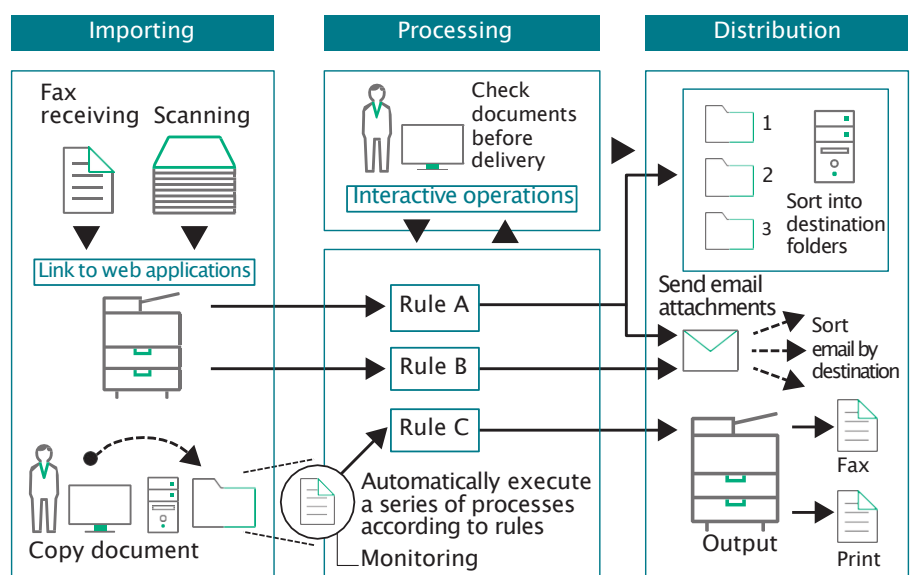
Standardize operation through settings in advance

Various processes can be set by establishing rules as "flows" in advance. A series of processes is performed automatically such as document processing, distribution, outputting, and saving by simply importing documents from received faxes and scan operations.

OCR and noise reduction possible*

Processes such as format conversion and OCR processing* that go along with importing documents can be performed automatically. High-level processing can also be standardized, including sorting for addresses based on the text strings extracted through OCR.

* A separate option is required.



Main features

- Import documents
 - Generate data (Document names, QR code reading*, attribute mapping, form analysis*, etc.)
 - Document distribution (Distribution jobs, multi-sending, form analysis result output*, etc.)
 - Error notification
- * Optional

Adapt

Creating a system configuration that matches the customer's environment

Entry Edition and Enterprise Edition are available

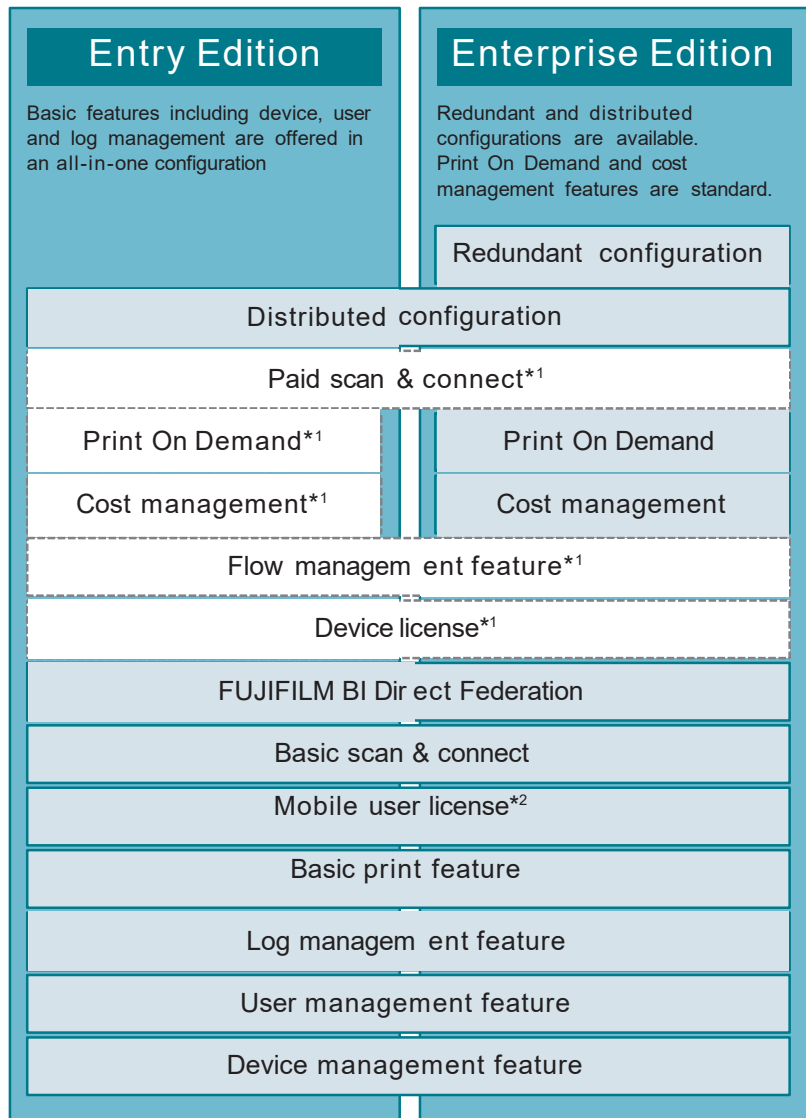
Adapting to the customer's purpose

Selecting from two types of adoption

ApeosWare Management Suite 2 offers an "Entry Edition" for easy implementation and an "Enterprise Edition" with Print On Demand and cost management as standard features. In addition, the features can be adapted to your needs.

Controlling the amount of handled data by computer specifications

For the Entry Edition and Enterprise Edition, the amount of data to be handled by the system can be controlled according to the specifications of the server.



*1: Optional

*2: Separate user licenses are required for 11 or more users.

Flexible system configurations to meet IT needs

Adapting to customer requirements

Supports "all-in-one", "redundant", and "distributed" configurations

ApeosWare Management Suite 2 can be configured as a system adapting to the IT needs of customers. In an all-in-one configuration, high-level features are bundled onto a single server. It allows input and output of documents with a minimum of investment and contributes to resolving the various challenges the customers may face. In addition, Enterprise Edition supports redundant and distributed configurations to satisfy high-level system requirements.

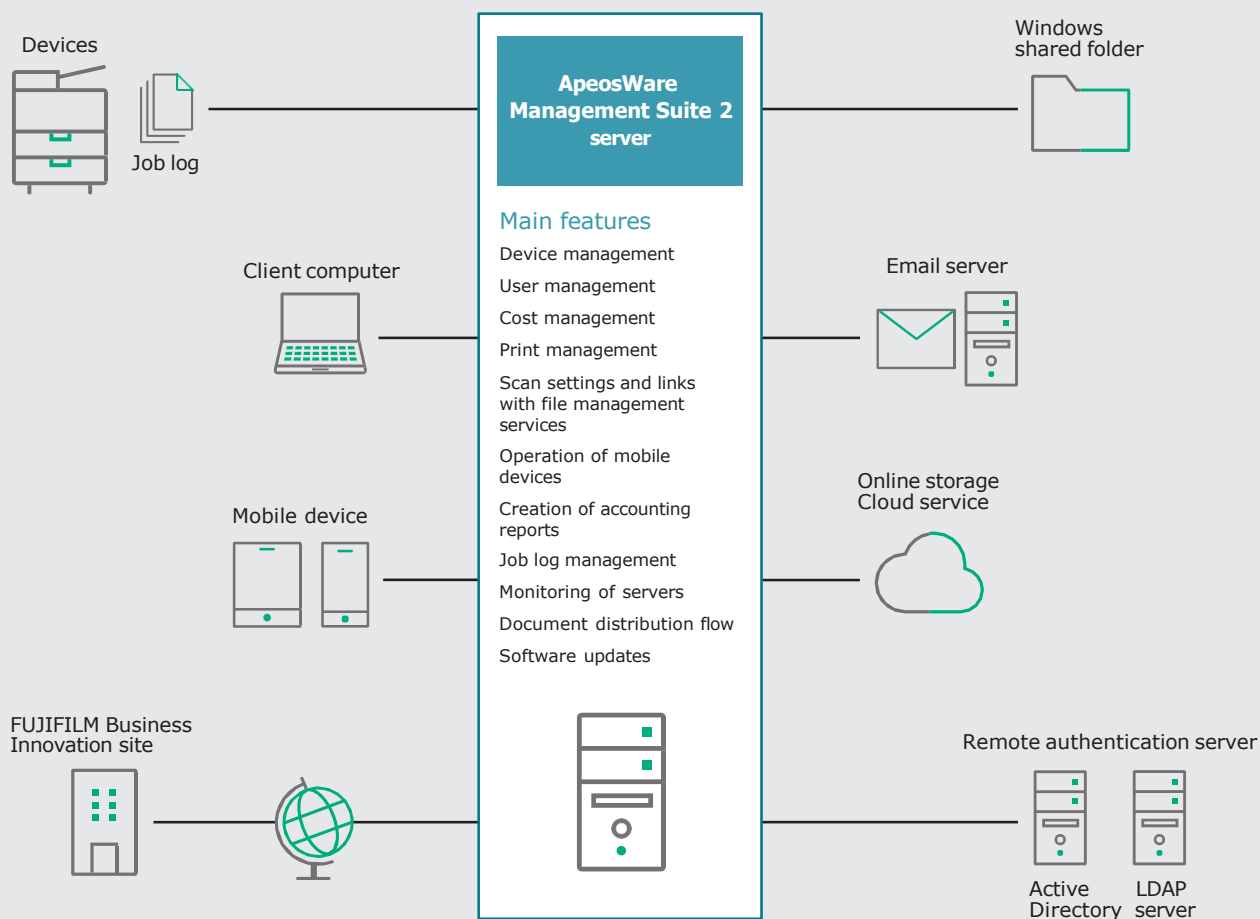
Example of server configuration



*: Only Enterprise Edition

System configuration that adapts flexibly to the customer environment

ApeosWare Management Suite 2 manages network devices such as multifunction devices and printers, and the users of those devices, and is a software that comprehensively manages authentication, output, log accounting and document distribution.



Operating Environment for ApeosWare Management Suite 2

Operating Environment of Entry Edition

Item	Description
Supported Operating System*1	Windows 10 Pro (64bit) ^{*2,3}
	Windows 10 Enterprise (64bit) ^{*2,3}
	Windows 10 Education (64bit) ^{*2,3}
	Windows 8.1 Pro Update (64bit) ^{*2,3,4}
	Windows 8.1 Pro (64bit) ^{*2,3,4}
	Windows Server 2019 Standard (64bit) ^{*3,5*6}
	Windows Server 2019 Datacenter (64bit) ^{*3,5*6}
	Windows Server 2016 Standard (64bit) ^{*3,5*6}
	Windows Server 2016 Datacenter (64bit) ^{*3,5*6}
	Windows Server 2012 R2 Standard (64bit) ^{*3*4*6}
	Windows Server 2012 R2 Datacenter (64bit) ^{*3*4*6}
	Windows Server 2012 Standard (64bit) ^{*3*6}
CPU	[Windows Server 2019, Windows Server 2016, Windows Server 2012 R2, Windows Server 2012]
	Minimum: Intel® Xeon® E5506 2.13 GHz or equivalent (4 cores and above) ^{*7}
	Recommendation: Intel® Xeon® E-2234 3.60 GHz or equivalent or higher (4 cores and above)
	[Windows 10, Windows 8.1]
	Minimum: Intel® Core™ 2 Duo 2.0 GHz or equivalent (2 cores and above) ^{*7}
	Recommendation: Intel® Core™ i3-10100 3.60 GHz or equivalent or higher (4 cores and above)
Hard disk capacity *8*9	-Flow Management Option Not Added
	System Drive 20 GB or higher
	Installation Destination Drive 10 GB or higher
	Data Storage Destination Drive 70 GB or higher
	-Flow Management Option Added
	System Drive 35 GB or higher
	Installation Destination Drive 15 GB or higher
	Data Storage Destination Drive 100 GB or higher
Memory capacity*10	4GB or larger
Network	Protocol:TCP/IP
Display	XGA (1024×768 pixels) and above, Full Colour
Web Service	Internet Information Services 10.0/8.5/8.0
Required hardware	DVD-ROM Drive
Required software	Microsoft .NET Framework 4.6 or later (for Windows Server 2019, Windows Server 2016) *11
	Microsoft .NET Framework 4.5.2 (for Windows Server 2012 R2, Windows Server 2012) *11
	Microsoft .NET Framework 3.5.1 (for Windows 10, Windows 8.1)
	Microsoft .NET Framework 3.5 [Service Pack 1] (for Windows Server 2016, Windows Server 2012 R2, Windows Server 2012)
	Microsoft SQL Server 2019 Standard (64bit)
	Microsoft SQL Server 2019 Express (64bit)
	Microsoft SQL Server 2016 Standard (64bit) [Service Pack 2]
	Microsoft SQL Server 2016 Express (64bit) [Service Pack 2]
	Microsoft SQL Server 2014 Express (32bit) [Service Pack 3]
	Microsoft SQL Server 2012 Standard (64bit) [Service Pack 4] *12*13
*1:Please refer to our official website for details regarding the installation. Installation cannot be performed in the same environment as above "Hardware". Even if you assign the same resources as above "Hardware", you may see performance degradation depending on the operating circumstances of the host PC. *2:Multi-touch feature is not supported. The operations of features other than "Device Management", "User Management", "Job Log Management", "Accounting Report Creation", "Document Delivery by Flow", "Server Monitoring" are not guaranteed. *3:For 64-bit versions, Flow Management Option software will run on WOW64 (Windows 32-bit on Windows 64-bit) emulation layer subsystem. *4:When installing and using Microsoft SQL Server 2016, it is necessary to apply Windows Updates KB2919442 and KB2919355 in advance to the OS. *5:Nano Server Option is not supported. When installing the OS, do not select Nano Server Option. *6:Server Core Option is not supported. When installing the OS, do not select Server Core Option. *7:Performance may be degraded when large amounts of data are handled. *8:If the same disk drive is used for multiple drives, the disk space required will be the sum of those drives. *9:Capacity is calculated for data of one month (8 hours/day×20 days). Increase hard disk space or back up some operation logs to a different storage medium as needed. *10:8 GB or more is required if any of the following is used together with Flow Management Option.-Print Management -Scan Settings -Cost Management *11:Pre-installed version is supported if compatible newer Microsoft .NET Framework version is pre-installed on supported OS. *12:Apply Service Pack of same language as Microsoft SQL Server. *13:If your OS is 64-bit and Microsoft SQL Server 2012 is 32-bit, after applying Service Pack, install the following 64-bit Microsoft SQL Server System CLR Types (x64) [File Name: ENUX64\SQLSysClrTypes.msi] from Microsoft SQL Server 2012 Feature Pack. - Microsoft SQL Server 2012 SP4 Feature Pack: https://www.microsoft.com/en-US/download/details.aspx?id=56041	

Operating Environment of Enterprise Edition

Item	Description
Supported Operating System*1	Windows Server 2019 Standard (64bit) *2*3*4
	Windows Server 2019 Datacenter (64bit) *2*3*4
	Windows Server 2016 Standard (64bit) *2*3*4
	Windows Server 2016 Datacenter (64bit) *2*3*4
	Windows Server 2012 R2 Standard (64bit) *2*3*4
	Windows Server 2012 R2 Datacenter (64bit) *2*4*5
	Windows Server 2012 Standard (64bit) *2*4
CPU	Minimum: Intel® Xeon® E5506 2.13 GHz or equivalent (4 cores and above) ⁶
	Recommendation: Intel® Xeon® E-2234 3.60 GHz or equivalent or higher (4 cores and above)
Hard disk capacity *7*8	-Flow Management Option Not Added
	System Drive 20 GB or higher
	Installation Destination Drive 10 GB or higher
	Data Storage Destination Drive 70 GB or higher
	-Flow Management Option Added
	System Drive 35 GB or higher
	Installation Destination Drive 15 GB or higher
	Data Storage Destination Drive 100 GB or higher
Memory capacity*9	4GB or larger
Network	Protocol:TCP/IP
Display	XGA (1024×768 pixels) and above, Full Colour
Web Service	Internet Information Services 10.0/8.5/8.0
Required hardware	DVD-ROM Drive
Required software	Microsoft .NET Framework 4.6 or later (for Windows Server 2019, Windows Server 2016) *10
	Microsoft .NET Framework 4.5.2 (for Windows Server 2012 R2, Windows Server 2012) *10
	Microsoft .NET Framework 3.5 [Service Pack 1] (for Windows Server 2016, Windows Server 2012 R2, Windows Server 2012)
	Microsoft SQL Server 2019 Standard (64bit)
	Microsoft SQL Server 2019 Express (64bit)
	Microsoft SQL Server 2016 Standard (64bit) [Service Pack 2]
	Microsoft SQL Server 2016 Express (64bit) [Service Pack 2]
	Microsoft SQL Server 2014 Express (32bit) [Service Pack 3]
	Microsoft SQL Server 2012 Standard (64bit) [Service Pack 4] *11*12
	Microsoft SQL Server 2012 Express (32bit) [Service Pack 4] *11*12
*1:Please refer to our official website for details regarding the installation. Installation cannot be performed in the same environment as above "Hardware". Even if you assign the same resources as above "Hardware", you may see performance degradation depending on the operating circumstances of the host PC. *2:For 64-bit versions, Flow Management Option software will run on WOW64 (Windows 32-bit on Windows 64-bit) emulation layer subsystem. *3:Nano Server Option is not supported. When installing the OS, do not select Server Core Option. *4:Server Core Option is not supported. When installing the OS, do not select Nano Server Option. *5:When installing and using Microsoft SQL Server 2016, it is necessary to apply Windows Updates KB2919442 and KB2919355 in advance to the OS. *6:Performance may be degraded when large amounts of data are handled. *7:If the same disk drive is used for multiple drives, the disk space required will be the sum of those drives. *8:Capacity is calculated for data of one month (8 hours/day×20 days). Increase hard disk space or back up some operation logs to a different storage medium as needed. *9:8 GB or more is required if any of the following is used together with Flow Management Option.-Print Management -Scan Settings -Cost Management *10:Pre-installed version is supported if compatible newer Microsoft .NET Framework version is pre-installed on supported OS. *11:Apply Service Pack of same language as Microsoft SQL Server. *12:If your OS is 64-bit and Microsoft SQL Server 2012 is 32-bit, after applying Service Pack, install the following 64-bit Microsoft SQL Server System CLR Types (x64) [File Name: ENUX64\SQLSysClrTypes.msi] from Microsoft SQL Server 2012 Feature Pack. - Microsoft SQL Server 2012 SP4 Feature Pack: https://www.microsoft.com/en-US/download/details.aspx?id=56041	

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The available model varies depending on the country/region. Please ask the sales representatives for details.

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For Your Safety

Before using the product, read the Instruction Manual carefully for proper use. Use the product with the power source and voltage specified. Be sure to establish ground connection. Otherwise, electronic shock may result in the case of a failure or short circuit.

The information is as of September, 2021. PIC-0176 AU (2106)