

# ApeosWare Management Suite 2

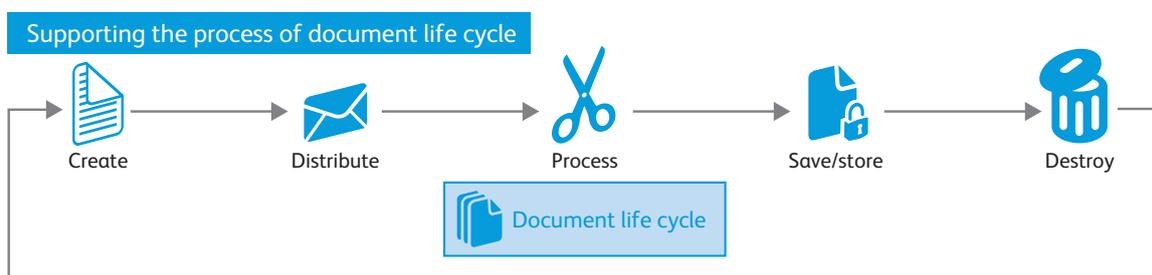
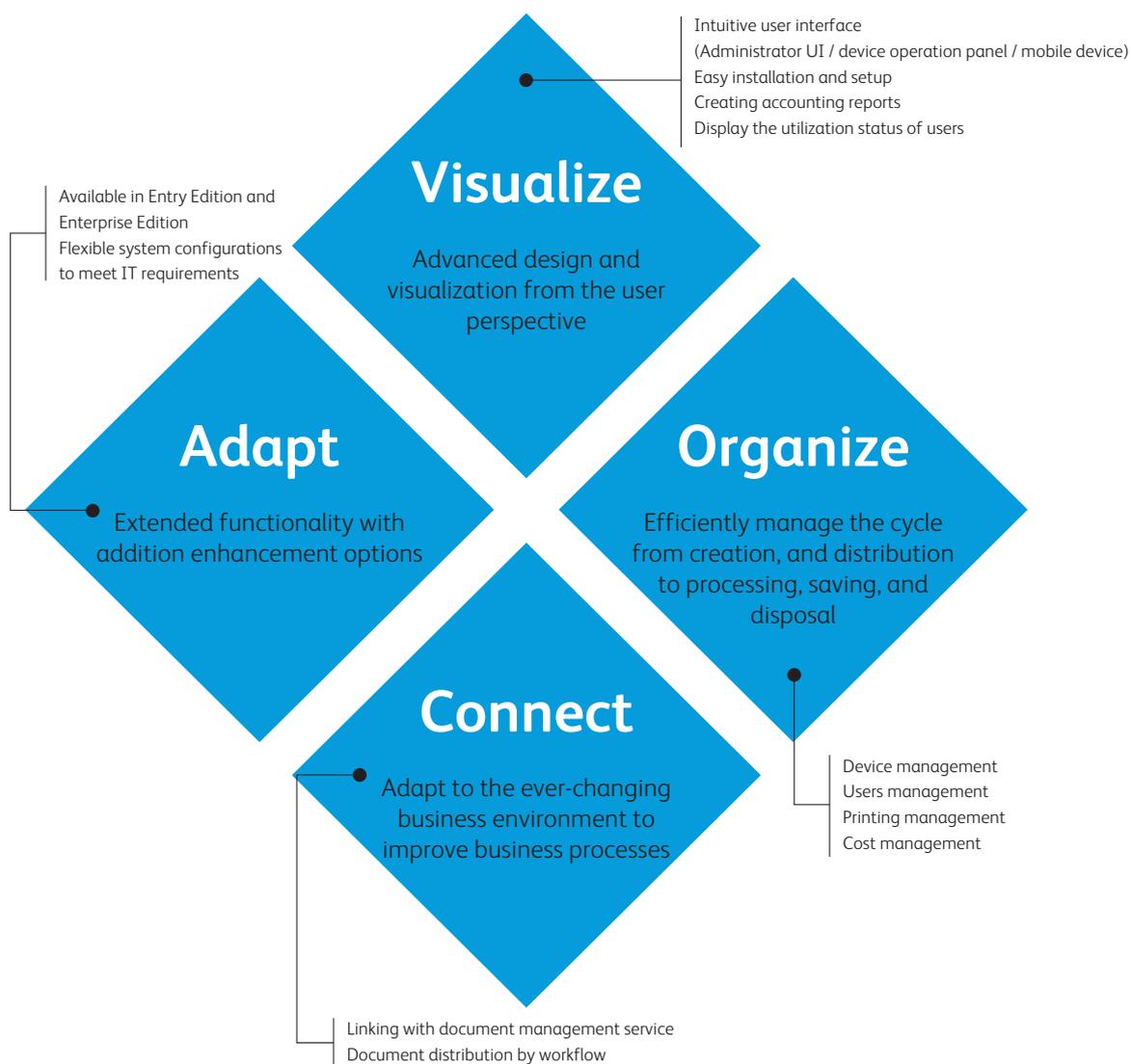
Smart & Powerful Through Document Communication



# Promoting business communication with powerful documentation

Most businesses are faced with increasing numbers of multifunction devices, printers, faxes, and the growing needs to utilize mobile devices. The increasing numbers of devices and varying 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 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 enhances on four points to focus on customer's requirement. It promotes comprehensive document management to provide high value to customer business.



## ApeosWare Management Suite 2 will

### Visualize

Administrators are able to complete necessary settings and operations without looking at a manual that provide the system configuration, allowing immediate access to services.

ApeosWare Management Suite 2 realizes a sleek system operation that removes tediousness with an easy-to-understand interface, simplifying settings and operations, and by pursuing visualization.

### Organize

With ApeosWare Management Suite 2, the cycle of documents 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 ensure uniformed management for the status of registration, settings and application of the appropriate user profiles.

### Connect

Customers exchange Information through a broad-range of devices and systems that include multifunctional devices, computers, operational systems, and cloud services every day in their business environment. ApeosWare Management Suite 2 connects to various devices and systems used by customers, and promotes input and output of documents.

### Adapt

The functions to use and the amount of data to handle differ according to each customer. ApeosWare Management Suite 2 provides Entry Edition and Enterprise Edition product packages to provide the required function as necessary.

### A new version for more convenience and efficiency.



Alleviate cost allocation work



Actualizes rule settings of reducing unnecessary printing



Smooth storage of scanned documents



Easy output commands from mobile devices

### Try our trial version first

A trial version allows administrators and users a free 60-day trial. Please do not hesitate to experience how easy it is to adopt and use this software.

Reduce and improve the various challenges of input and output of documents such as management labor, risks of leaks, costs, output traffic, and delayed operations.

# ApeosWare Management Suite 2

# Visualize

Advanced design and visualization from the user perspective

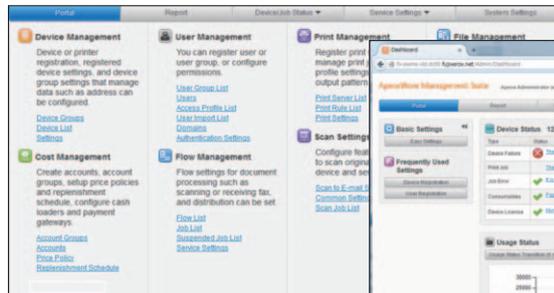
## Easy-to-understand interface

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

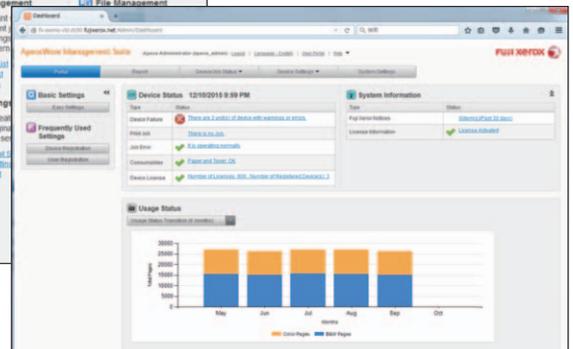
### AN "ADMINISTRATOR UI" TO LEARN OPERATIONS WHILE USING THE SYSTEM

An intuitive interface makes settings and operations easy even without relying on the manual. Administrators reduce the time and labor required to learn the operations of ApeosWare Management Suite 2.

## Visually-intuitive operations



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.



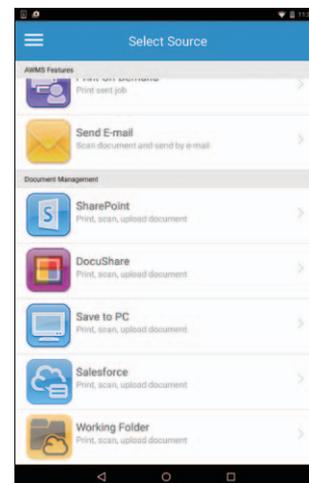
Multifunctional device Control Panel

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

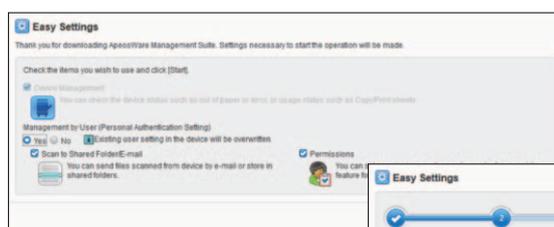
## Easy installation and setup

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

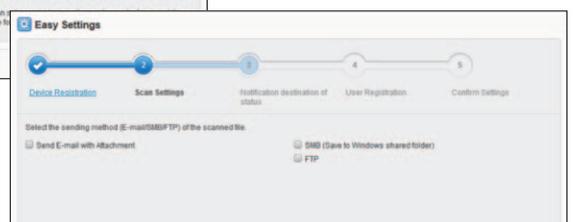
### SETTINGS SCREENS NAVIGATE EVEN THE INEXPERIENCED USERS

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.

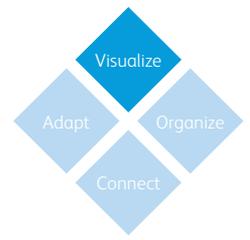
## Visualize procedures for settings



Welcome screen



Easy setup screen



## Display the utilization status

Make all users cost-conscious.

### DISPLAY THE UTILIZATION STATUS OF USERS ON THE OPERATION PANEL ON LOGIN.

Display the utilization status of users with sum of money.

Also display the gap from the target value defined by the administrator for rate of color printing, duplexing, N-up, etc. It is also possible not to display them for users who have established the target. It reduces the burdens of the administrator while raising cost-consciousness of users.

## To be displayed by the operation panel



Your Usage			
Accounting Period: 9/1/2016 12:00 AM - 9/4/2016 11:59 PM			
User A (ID1234)			
	Color	Black & White	Total
Number of Pages	60 Pages	220 Pages	280 Pages
Amount	\$ 24	\$ 17.6	\$ 41.6
	Color Rate	2 Sided Rate	Pages per Side Rate
Usage	21.43 %	29.57 %	14.29 %
Target	40 % or Less	20 % or More	20 % or More

Selected account: Account A  
\*May differ from amount managed in the account.

### Display the utilization status



Mr. A, Sales division  
Cost-cutting target  
has not been established.  
With display of status



Mr. B, Sales division  
Cost-cutting target  
established.  
Without display of status



Miss. C, Secretary  
Out of range of  
status display

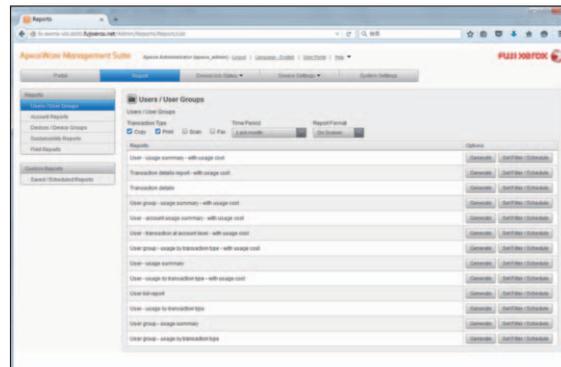
## Creating accounting reports

I want to know the status of device usages to properly distribute the location of devices and to caution device overuse.

### CREATING OVER THIRTY DIFFERENT TYPES OF REPORTS

A wide-range of reports can be created on the web browser using collected job log information such as the users of devices, sheets that are output, paper sizes, and time. The report function has been dramatically enhanced in ApeosWare Management Suite 2. A plethora of reports can be created across five categories.

## Visualize usage status reports



A screen for creating web-based reports



Comprehensive usage breakdown report

Device Name	User ID	Color Pages	B&W Pages	Total Pages	Total Jobs
ApeosPrint V C2276	cluser	654	588	1242	1042
ApeosPrint V C2276	cluser	438	633	1071	1071
ApeosPrint V C2276	cluser	22	0	22	11
ApeosPrint V C2276	cluser	11	0	11	5
Fuji Xerox Co., Ltd		511			13/10/2016 07:52 AM

Device usage fee reports per user



Power usage reports

User Group Name	Jobs	Impression	2 Sided	3 Sided	4 Sided	Actual Paper	Cost	Printable Paper
cluser	1000	10000	50	100	100	1000	1000	10000
Fuji Xerox Co., Ltd								13/10/2016 07:52 AM

Usage fee analysis report

### Main feature

- Web-based aggregation reports
- Custom settings
- Various output (Web/PDF/Office documents)
- Automated report settings (Email sending/shared folder storage)

# Organize

Efficiently manage the document life cycle from the creation to disposal

## Management of devices Reduce labor of settings by assigning groups

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

### ORGANIZE AND MANAGE SETTINGS INFORMATION

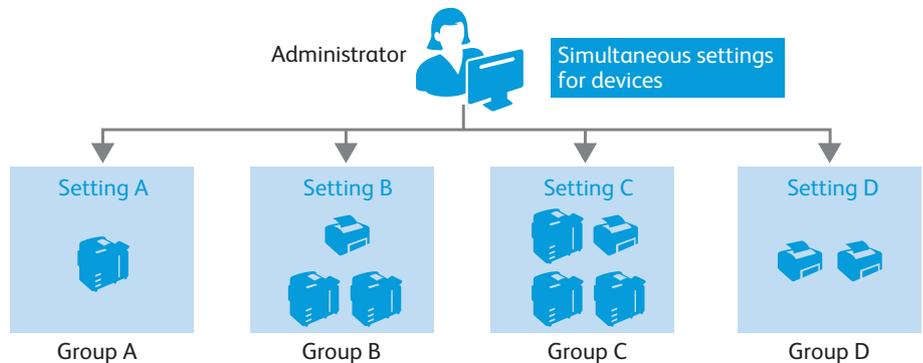
Device groups can be created and devices to manage can be registered to the group. It is possible to unilaterally managed settings information and to specify settings simultaneously across devices. Resetting devices is easy even in case of an device malfunction.

### 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.

### UNIFORMLY MANAGING PANEL SETTINGS OF DEVICES

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



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

## 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 authenticate users when logging into devices to identify who is using the device before it is used.

### SETTING STRICT RESTRICTIONS TO FUNCTIONS AND ACCESS PRIVILEGES

Functions of devices and output of color can be restricted by individual, department, or position. This reinforces security and promotes effective TCO reduction.

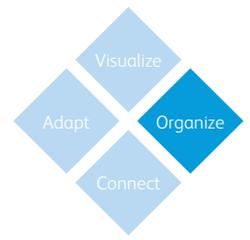
### EASILY REGISTERING OF USER INFORMATION

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 multifunctional devices or their computer.

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

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



## 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, two-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

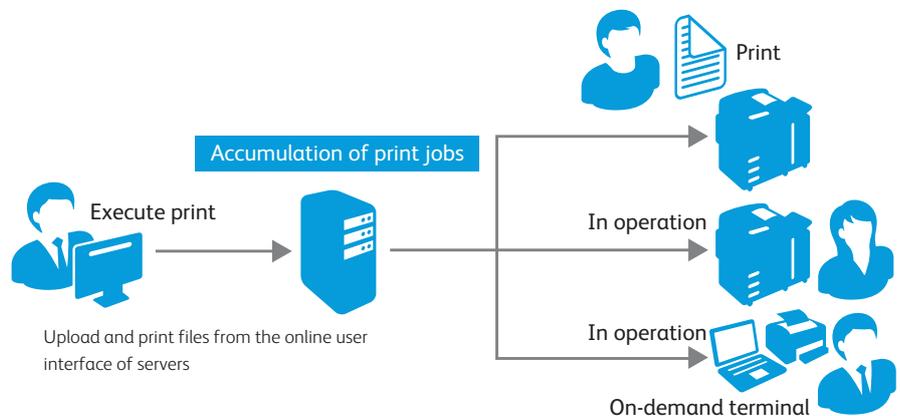
By data format	By color ratio	By sheets to print	By Email	By time period
Two sided printing for PPT	Compulsory black & white printing for color ratios of 40% or higher	Large-quantity print jobs are sent to low-cost, high-speed machines	Black & white for Email printing	Cancels output of 50 Sheets or higher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

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

### QUICK ON-DEMAND PRINT\*

"On-Demand Print" 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.

\* On-demand print is optional for the Entry Edition and standard for the Enterprises Edition.



### RESTRICTING OUTPUT BY GUEST USERS

For example, "guest printing" allows output from users whom have paid the fee for printing. The guest users will be able to perform the print job from a designated locations, such as the library.

Main feature	
<ul style="list-style-type: none"> <li>• Management of print servers</li> <li>• Direct printing</li> <li>• On-demand printing*</li> <li>• Guest printing*</li> </ul>	<ul style="list-style-type: none"> <li>• Access protocols and print rules</li> <li>• Popup notification</li> <li>• Attribute changes of print jobs</li> </ul> <p>* Optional for Entry Edition.</p>

## Providing a Mobility Environment Input/output from mobile devices are also thoroughly managed

### ACHIEVING HIGHLY SECURE USABILITY

ApeosWare Management Suite 2 can thoroughly 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 and the body of Emails as well as attachments that are sent to a specified Email address can be printed.

\* Optional for Entry Edition.

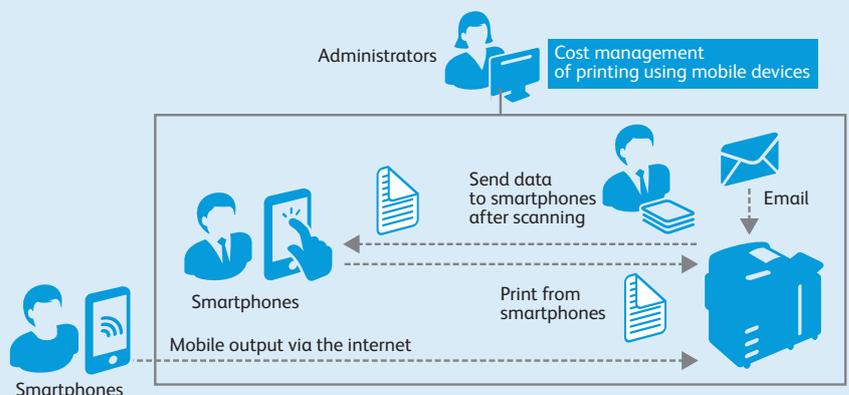
### SUPPORT THE OUTPUT VIA THE INTERNET

Separating the Mobile Server allows mobile output via the internet.

\* Optional for Entry Edition.

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

### Input/output from mobile devices are also thoroughly managed



Main feature	
<ul style="list-style-type: none"> <li>• Sending of print jobs</li> <li>• Operation of on-demand printing*1</li> <li>• Scanner (Email sending)</li> </ul> <p>*1: Optional for Entry Edition. *2: DocuShare, OneDrive, Microsoft SharePoint Server, Salesforce®, RightFax, Intellexox Infiniti are supported optionally.</p>	<ul style="list-style-type: none"> <li>• Associating mobile devices with devices</li> <li>• Links with document management services*2</li> <li>• Cost management*1</li> </ul>

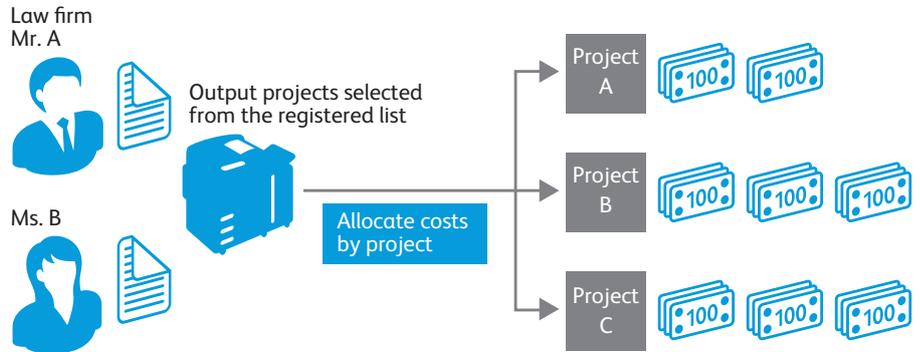
## Cost Management Organize the cost incurred according to the output by project

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

### ALLOCATE COSTS BY PROJECT\*

For example, the staffs at offices such as law offices or architect studios that have multiple cases at the same time can rename costs by outputting projects selected during output operation based on the aggregate results given that accounts by cases are registered in advance.

\* Optional for Entry Edition

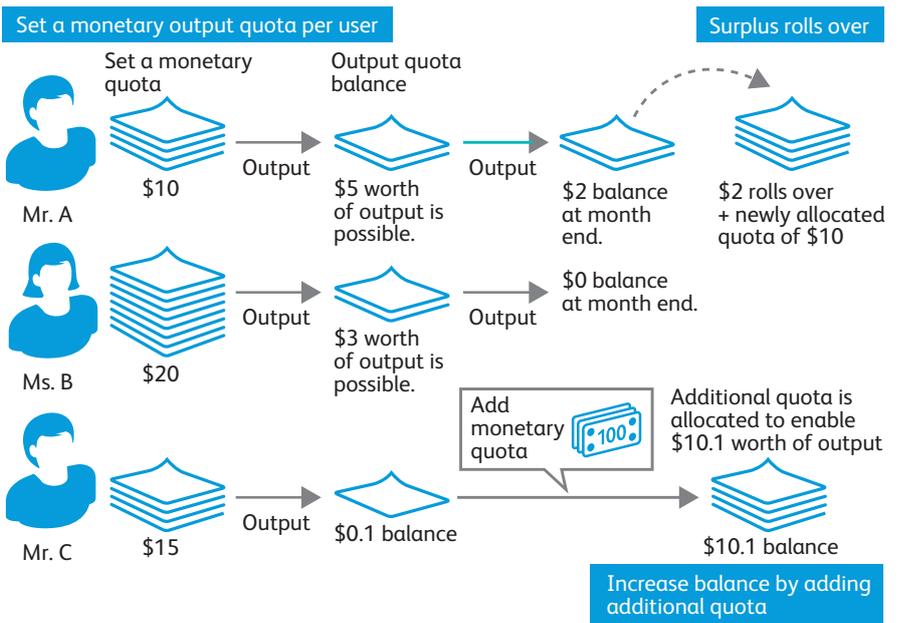


I want to fully manage the budget associated with output...

### 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 allocating accounts with insufficient balances.

\* Optional for Entry Edition



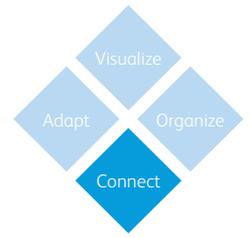
#### Main feature

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



# Connect

Adapt to the ever-changing business environment to improve business processes



## Linking of scan settings with document management services Flexibly connect devices with systems

Can't I set the processing method or set the destination of delivery for the documents when scanning...

### CONSISTENT OPERATIONS AND EASY LOGIN

Alleviate any uncertainty with the consistency of the operation screen, even when accessing various document management services. Once user IDs and passwords are registered in advance, there is no need log into document management servers every single time.

### SIMPLE SETTINGS FROM THE CONTROL PANEL

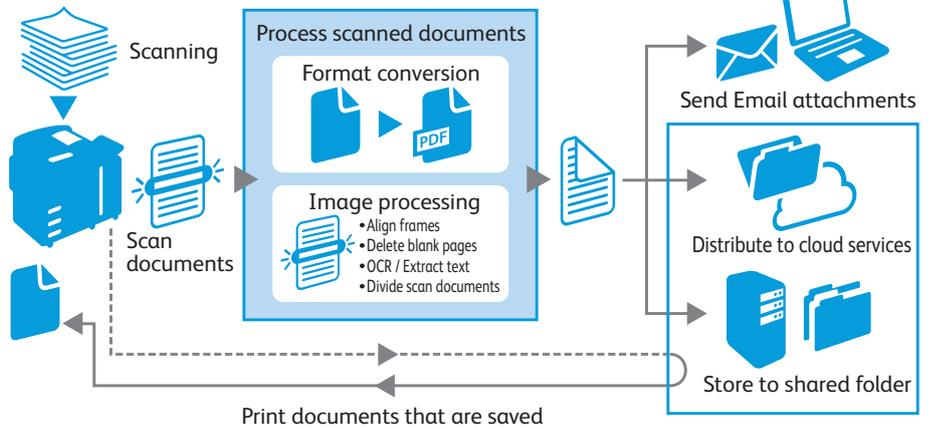
A simple flow function is provided to process and distribute scanned documents. Scanned documents can be attached and sent by Email or stored in a shared folder on the network.

### INPUT AND OUTPUT DOCUMENTS IN THE CLOUD

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

\* SMB, FTP, Email, Google Drive are supported standardly. DocuShare, OneDrive, Microsoft SharePoint Server, Salesforce®, RightFax, Intellexox Infiniti are supported optionally.

### Easily specify flow settings from the control panel of devices



<b>Main feature</b>	• Image processing	• Printing of saved documents
	• Scan settings	• Email notifications
	• Email sending of scanned documents	• Cost management*
	• Links with document management services	* Optional for Entry Edition.

## Document distribution using flows\*

\* Optional

Documents received by fax daily and scan documents... It's tough processing a large quantity of documents by hand...

### STANDARDIZE OPERATION THROUGH SETTINGS IN ADVANCE

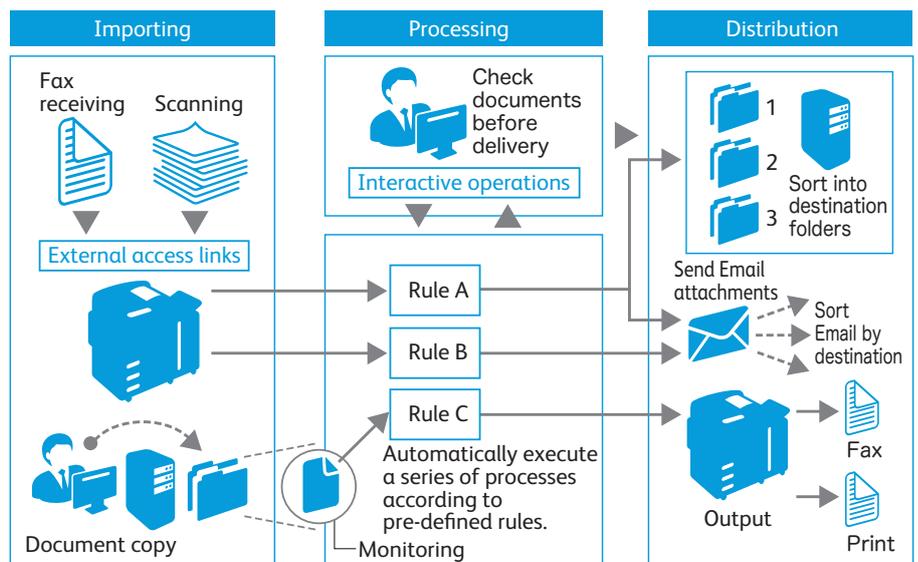
Various processes can be set by establishing rules as "flows" in advance. A series of processes is performed automatically such as document processing, distribution, outputting, and saving by simply importing documents for fax receiving and scanning operations.

### OCR AND NOISE REMOVAL MADE POSSIBLE\*

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

\* A separate option is required.

## Connect to the next process in a timely manner without a paper intermediate



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

# Adapt

Creating a system configuration that matches the customer's environment

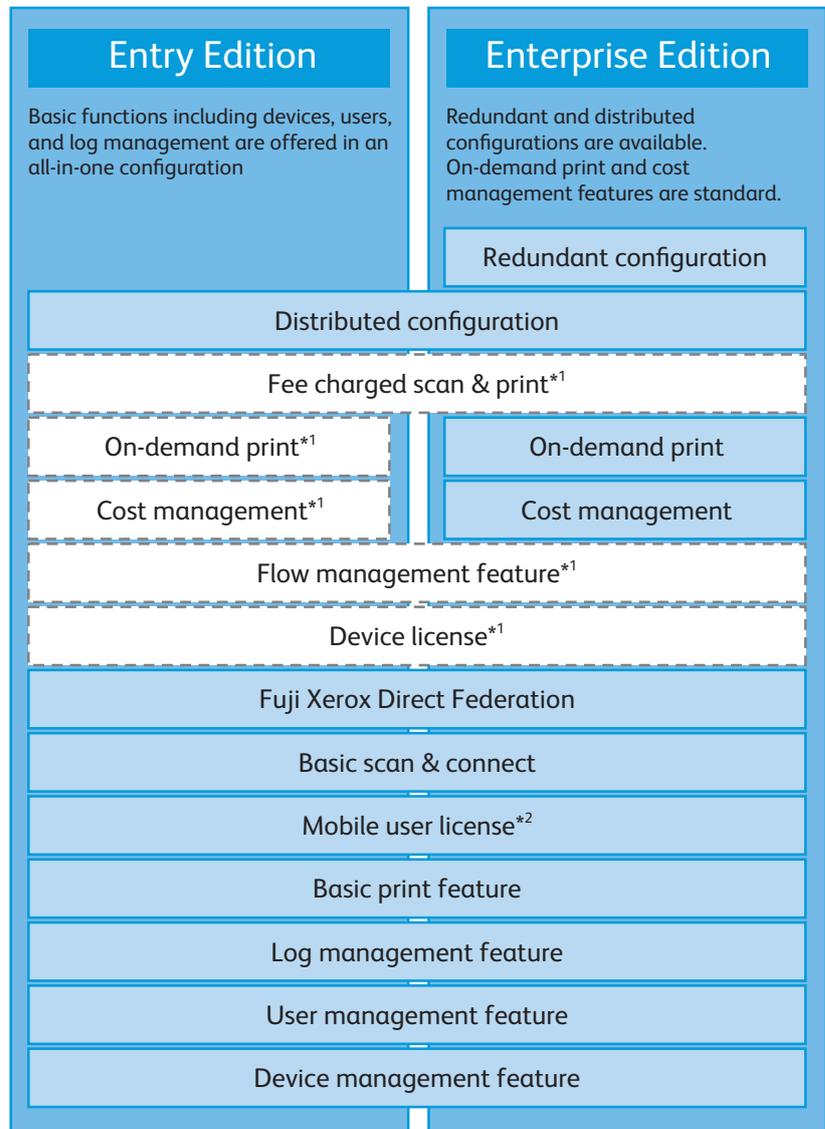
## Entry Edition and Enterprise Edition are available Adapting to the purposes of customers

### SELECTING FROM TWO TYPES OF ADOPTION

ApeosWare Management Suite 2 offers an "Entry Edition" for easy implementation and an "Enterprise Edition" with on-demand print and cost management as standard features. In addition, the functions can be adapted to the purposes of the customer.

### CONTROLLING THE AMOUNT OF DATA TO HANDLE BY THE SPECIFICATIONS OF COMPUTERS

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.



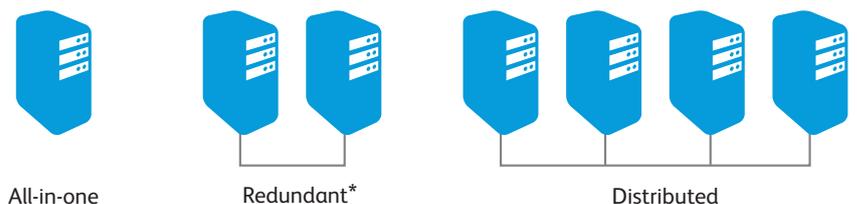
\*1: Optional  
\*2: Separate user licenses are required for 11 or more users.

## Flexible system configurations to meet IT needs Adapting to customer requirements

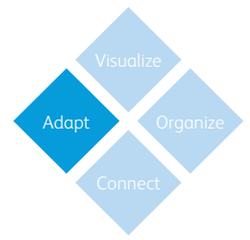
### SUPPORTS "ALL-IN-ONE", "REDUNDANT", AND "DISTRIBUTED" CONFIGURATIONS

ApeosWare Management Suite 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

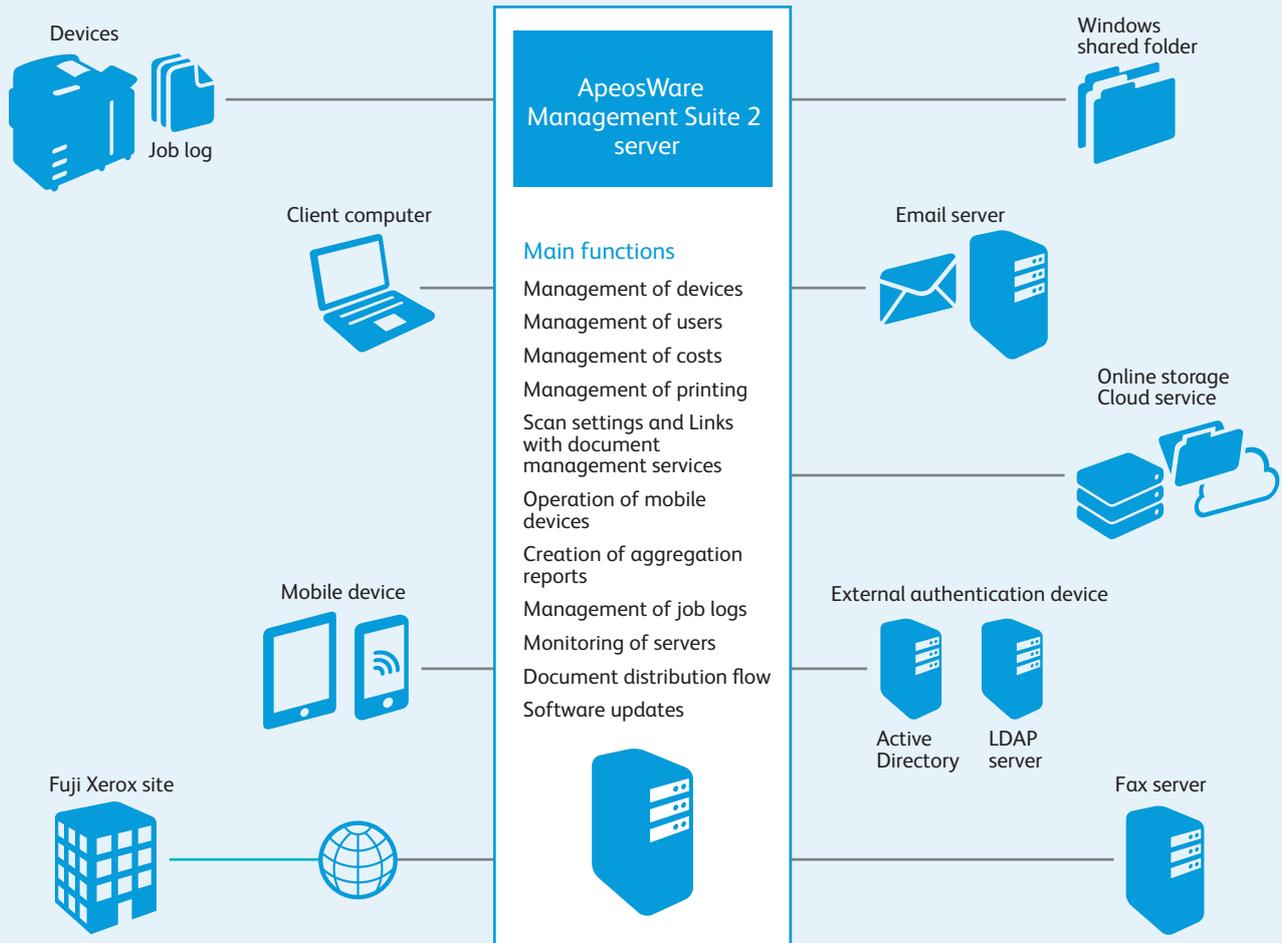


\*: Only Enterprise Edition



## System Configuration adapting 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.



# ApeosWare Management Suite 2 Operating Environment

## Operating Environment of Entry Edition

Item	Description
Supported Operating System*1	Windows 10 Pro (32 bit) *2 / Windows 10 Pro (64 bit) *2*3
	Windows 10 Education (32 bit) *2 / Windows 10 Education (64 bit) *2*3
	Windows 10 Enterprise (32 bit) *2 / Windows 10 Enterprise (64 bit) *2*3
	Windows 8.1 Pro Update (32 bit) *2 / Windows 8.1 Pro Update (64 bit) *2*3*9
	Windows 8.1 Pro (32 bit) *2 / Windows 8.1 Pro (64 bit) *2*3*9
	Windows 7 Professional (32 bit) [Service Pack 1] *2
	Windows 7 Professional (64 bit) [Service Pack 1] *2*3
	Windows 7 Enterprise (32 bit) [Service Pack 1] *2
	Windows 7 Enterprise (64 bit) [Service Pack 1] *2*3
	Windows Server 2016 Standard (64 bit) *3*4*10
	Windows Server 2016 Datacenter (64 bit) *3*4*10
	Windows Server 2012 R2 Standard (64 bit) *3*4*9
	Windows Server 2012 R2 Datacenter (64bit) *3*4*9
	Windows Server 2012 Standard (64 bit) *3*4
	Windows Server 2008 R2 Standard (64 bit) [without a Service Pack, Service Pack 1] *3*4
Windows Server 2008 R2 Enterprise (64 bit) [without a Service Pack, Service Pack 1] *3*4	
Windows Server 2008 Standard (32 bit) [Service Pack 2] *4	
Windows Server 2008 Enterprise (32 bit) [Service Pack 2] *4	
CPU	[Windows Server 2016, Windows Server 2012 R2, Windows Server 2012, Windows Server 2008 R2, Windows Server 2008] Minimum: Intel® Xeon® E5506 2.13GHz or equivalent (4 Cores and above) *5 Recommendation: Intel® Xeon® X3450 2.67GHz or equivalent or higher (4 Cores and above) [Windows 10, Windows 8.1, Windows 7] Intel® Core™2 Duo 2.0GHz equivalent or higher (2 Cores and above)
	- When Flow Management Option is not added System Drive: 20 GB or more Installation Drive: 10 GB or more Data Storage Drive: 70 GB or more
	- When Flow Management Option is added System Drive: 35 GB or more Installation Drive: 15 GB or more Data Storage Drive: 100 GB or more
Hard disk capacity*6*7	
Memory capacity	See the table on the right.
Network	Protocol: TCP/IP
Display	XGA (1024 x 768 pixels) and above, Full Colour
Web Service	Internet Information Services 10.0/8.5/8.0/7.5/7.0
Required hardware	DVD-ROM Drive
Required software	Microsoft .NET Framework 4.6 (for SQL Server 2016) *11
	Microsoft .NET Framework 4.5.2 (except for SQL Server 2016) *11
	Microsoft .NET Framework 3.5.1 (for Windows 10, Windows 8.1, Windows 7, Windows Server 2008 R2)
	Microsoft .NET Framework 3.5 (including .NET 2.0 and 3.0) (for Windows Server 2016, Windows Server 2012 R2, Windows Server 2012)
	Microsoft .NET Framework 3.5 [Service Pack 1] (for Windows Server 2008)
	Microsoft SQL Server 2016 Standard (64 bit) [Service Pack 1 / 2]
	Microsoft SQL Server 2014 Express (32 bit) [Service Pack 2]
	Microsoft SQL Server 2012 Express [Service Pack 3 / 4] *12*13
	Microsoft SQL Server 2012 Standard [Service Pack 3 / 4] *12*13
	Microsoft SQL Server 2008 R2 Standard [Service Pack 2] *8
Microsoft SQL Server 2008 Standard [Service Pack 3] *8	

- \*1: Please refer to the Fuji Xerox website for the latest supported operating systems. Installation cannot be performed in the OS where domain controller is running. Installation cannot be performed in the OS which supports Itanium processors. If you want to create a PC in a virtual environment, assign the same resources 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, ApeosWare Management Suite software will run on WOW64 (Windows 32-bit on Windows 64-bit) emulation layer subsystem.
- \*4: Server Core Option is not supported. When installing the OS, do not select Server Core Option.
- \*5: Performance may be degraded when large amounts of data are handled.
- \*6: If the same disk drive is used for multiple drives, the disk space required will be the sum of those drives.
- \*7: 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.
- \*8: Supported only when migrated from ApeosWare Management Suite 1.3 or 1.4.
- \*9: When installing and using SQL Server 2016, it is necessary to apply KB2919442 and KB2919355 in advance to the OS.
- \*10: Nano Server Option is not supported. When installing the OS, do not select Nano Server Option.
- \*11: Pre-installed version is supported if compatible newer .NET Framework version is pre-installed on supported OS.
- \*12: Apply Service Pack of same language as SQL Server. The SQL Server Express (x86) that comes bundled with the product package is the English Edition. Please apply the corresponding English Service Pack.
- \*13: If your OS is 64-bit and SQL Server 2012 is 32 bit, after applying Service Pack, install the following 64-bit Microsoft SQL Server System CLR Types (x64) [File Name: ENU\X64\SQLSysClrTypes.msi] from Microsoft SQL Server 2012 Feature Pack.  
- Microsoft SQL Server 2012 SP3 Feature Pack:  
<https://www.microsoft.com/en-US/download/details.aspx?id=49999>  
- Microsoft SQL Server 2012 SP4 Feature Pack:  
<https://www.microsoft.com/en-US/download/details.aspx?id=56041>  
Use Feature Pack with the same number as Service Pack.

Required memory capacity for the operating environment of Entry Edition [Windows Server 2016 (64bit), Windows Server 2012 R2 (64 bit), Windows Server 2012 (64 bit), Windows Server 2008 R2 (64 bit), Windows Server 2008 (32bit)]

Item	Description	4 GB or larger
None	Possible to perform*1	Possible to perform
If Cost Recovery Option is used	Impossible to perform	Possible to perform
If On Demand Print Option is used	Impossible to perform	Possible to perform
If Flow Management Option is used	Impossible to perform	Possible to perform*2

\*1: 4 GB or more is required if any of the following is used.

Print Management / Scan Settings

\*2: 8 GB or more is required if any of the following is used together with Flow Management Option.  
Print Management / Scan Settings / Cost Management

Required memory capacity for the operating environment of Entry Edition [Windows 10 (32 bit), Windows 8.1 (32 bit), Windows 7 (32 bit), Windows 10(64 bit), Windows 8.1 (64 bit), Windows 7 (64 bit)]

Item	Description	4 GB or larger
None	Possible to perform	Possible to perform
If Cost Recovery Option is used	Impossible to perform	Impossible to perform
If On Demand Print Option is used	Impossible to perform	Impossible to perform
If Flow Management Option is used	Impossible to perform	Possible to perform

## Operating Environment of Enterprise Edition

Item	Description
Supported Operating System*1	Windows Server 2016 Standard / Datacenter (64 bit) *2*3*10 Windows Server 2012 R2 Standard / Datacenter (64 bit) *2*3*9 Windows Server 2012 Standard (64 bit) *2*3 Windows Server 2008 R2 Standard / Enterprise (64 bit) [without a Service Pack, Service Pack 1] *2*3 Windows Server 2008 Standard / Enterprise (32 bit) [Service Pack 2] *3
	Minimum: Intel® Xeon® E5506 2.13GHz or equivalent (4 Cores and above) *4 Recommendation: Intel® Xeon® X3450 2.67GHz or equivalent or higher (4 Cores and above)
CPU	- When Flow Management Option is not added System Drive: 20 GB or more, Installation Drive: 10 GB or more, Data Storage Drive: 70 GB or more
	- When Flow Management Option is added System Drive: 35 GB or more, Installation Drive: 15 GB or more, Data Storage Drive: 100 GB or more
Hard disk capacity*5 *6	
Memory capacity*7	4 GB or larger
Network	Protocol: TCP/IP
Display	XGA (1024 x 768 pixels) and above, Full Colour
Web Service	Internet Information Services 10.0/8.5/8.0/7.5/7.0
Required hardware	DVD-ROM Drive
Required software	Microsoft .NET Framework 4.6 (for SQL Server 2016) *11
	Microsoft .NET Framework 4.5.2 (except for SQL Server 2016) *11
	Microsoft .NET Framework 3.5.1 (for Windows Server 2008 R2)
	Microsoft .NET Framework 3.5 (including .NET 2.0 and 3.0) (Windows Server 2016, Windows Server 2012 R2, Windows Server 2012)
	Microsoft .NET Framework 3.5 [Service Pack 1] (for Windows Server 2008)
	Microsoft SQL Server 2016 Standard (64 bit) [Service Pack 1 / 2]
	Microsoft SQL Server 2014 Express (32 bit) [Service Pack 2]
	Microsoft SQL Server 2012 Express [Service Pack 3 / 4] *12*13
	Microsoft SQL Server 2012 Standard [Service Pack 3 / 4] *12*13
	Microsoft SQL Server 2008 R2 Standard [Service Pack 2] *8
Microsoft SQL Server 2008 Standard [Service Pack 3] *8	

- \*1: Please refer to the Fuji Xerox website for the latest supported operating systems. Installation cannot be performed in the OS where domain controller is running. Installation cannot be performed in the OS which supports Itanium processors. If you want to create a PC in a virtual environment, assign the same resources 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, ApeosWare Management Suite software will run on WOW64 (Windows 32-bit on Windows 64-bit) emulation layer subsystem.
- \*3: Server Core Option is not supported. When installing the OS, do not select Server Core Option.
- \*4: Performance may be degraded when large amounts of data are handled.
- \*5: If the same disk drive is used for multiple drives, the disk space required will be the sum of those drives.
- \*6: 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.
- \*7: 8GB or more is required if any of the following is used together with Flow Management Option.  
Print Management / Scan Settings / Cost Management
- \*8: Supported only when migrated from ApeosWare Management Suite 1.3 or 1.4.
- \*9: When installing and using SQL Server 2016, it is necessary to apply KB2919442 and KB2919355 in advance to the OS.
- \*10: Nano Server Option is not supported. When installing the OS, do not select Nano Server Option.
- \*11: Pre-installed version is supported if compatible newer .NET Framework version is pre-installed on supported OS.
- \*12: Apply Service Pack of same language as SQL Server. The SQL Server Express (x86) that comes bundled with the product package is the English Edition. Please apply the corresponding English Service Pack.
- \*13: If your OS is 64-bit and SQL Server 2012 is 32 bit, after applying Service Pack, install the following 64-bit Microsoft SQL Server System CLR Types (x64) [File Name: ENU\X64\SQLSysClrTypes.msi] from Microsoft SQL Server 2012 Feature Pack.  
- Microsoft SQL Server 2012 SP3 Feature Pack:  
<https://www.microsoft.com/en-US/download/details.aspx?id=49999>  
- Microsoft SQL Server 2012 SP4 Feature Pack:  
<https://www.microsoft.com/en-US/download/details.aspx?id=56041>  
Use Feature Pack with the same number as Service Pack.

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