

1-1. System Requirements for ISM CloudOne

The system requirements of the user console and client will be described.

Restrictions on Controlling External Media

According to the requirements on this service, eX WP (Write Protector) and QGG (Quality Gatherers) cannot be used. The control function of the external media for this service cannot be used in the environment where the eX WP or QGG has already been installed.

Communication environment

The table below shows the communication environment between ISMC system server and clients:

Client type	Communication environment
Windows ^(*1)	IPv4, IPv6 ^(*3)
Mac ^(*2)	
Android	IPv4
iOS	

*1 The communication with the system server via IPv6 is limited to Windows XP client PCs. If you use IPv6 for the communication between the Windows 2003 system server PC and Windows XP client PCs, IPv6 components must have been installed on them. In this combination of the server/client communication, a usage of proxy server with the IPv6 implementation requires for the server to be specified by hostname, not literal IPv6 address.

*2 A system server with IPv6 configured for the IP address cannot communicate with clients running Mac OS X 10.4. (Instead, configure the server with its hostname.)

*3 No inventory data is uploaded from computers via IPv6 address to the system server.

Ports on client mobile devices

The table below shows the ports on mobile devices for you to open when you manage them in your premise network. (Port numbers are factory default settings):

Type	Port Number	Description
Outbound to Server	TCP: 80	<ul style="list-style-type: none"> Client computers to the system server Android clients to the interim server
	TCP: 443	<ul style="list-style-type: none"> Android clients to the interim server iOS clients (via the iOS client program) to the system server User console to the system server
	TCP: 5223	iOS clients to APNs Server

User console

The table below shows the system requirements for the user console computer. Three languages are supported for the user console UI: English, Chinese (simplified) and Japanese:

Item	Description
Web Browsers ^(*1)	Internet Explore 6 - 10 (Internet Explore 9 compatible) ^(*2)
Resolution	XGA (1024 x 768 or higher)

*1 Each version of Internet Explorer has its own requirements for Windows operating system.

*2 Internet Explorer 10 (Internet Explorer 9 compatible) is supported for the Desktop version only.

Windows client PCs (with the resident, non-resident or standalone client program)

This section covers system requirements for client Windows PCs with the resident, non-resident or standalone client program. Japanese/English/Chinese (Simplified style) are supported for the client PC running the following Windows operating systems.

◆Supported operating systems

Supported operating systems for client Windows PCs are shown as follows.

Windows OS	Edition	SP	Note
Windows 2000	Professional	SP4	
	Server	SP4	
Windows XP	Home	SP2/SP3	The 32bit version is supported.
	Professional	SP2/SP3	32bit and 64bit versions are supported. (64bit vision is not supported for SP3)
Windows Vista	Home Basic	No SP/SP1/SP2	32bit and 64bit versions are supported.
	Home Premium	No SP/SP1/SP2	
	Business	No SP/SP1/SP2	
	Enterprise	No SP/SP1/SP2	
	Ultimate	No SP/SP1/SP2	
Windows 7	Home Premium	No SP/SP1	
	Professional	No SP/SP1	
	Enterprise	No SP/SP1	
	Ultimate	No SP/SP1	
Windows 8	No edition title	No SP	
	Pro	No SP	
	Enterprise	No SP	
Windows Server 2003	Standard Edition	SP1/SP2	
	Enterprise Edition	SP1/SP2	
Windows Server 2003 R2	Standard Edition	SP1/SP2	
	Enterprise Edition	SP1/SP2	
Windows Server 2008 ^(*)	Standard Edition	SP1/SP2	
	Enterprise Edition	SP1/SP2	
Windows Server 2008 R2 ^(*)	Standard Edition	No SP/SP1	
	Enterprise Edition	No SP/SP1	
Windows Server 2012 ^(*)	Datacenter	No SP	
	Standard	No SP	
	Essentials	No SP	

* The Server Core installation is not covered under warranty.

◆Hardware requirements

The required specifications for the PCs are shown as follows.

Resource	Description
CPU	Pentium 4 1GHz or above is required. Pentium III 1GHz or above is required for Windows 2000, Windows XP, Windows Server 2003 and Windows Server 2003 R2.
Memory	1GB or above is required. A minimum of 128MB (256MB or above recommended) is required for Windows 2000, Windows XP, Windows Server 2003 and Windows Server 2003 R2.
Disk Space	A minimum of 120MB is required. (650MB or above recommended)
Driver	Canon ^(*)
	Ricoh ^(*)

* For other printers that support Printer-MIB, the information can only be collected and viewed. In addition, LP/MFP clients can be registered up to the number of contracted computers.

Mac client computers

Following are the requirements to run the resident client on Macs. Japanese/English/Chinese (Simplified) are supported.

◆Supported operating systems

The required specifications are shown in the table below.

Mac OS	Edition/Others
Mac OS X 10.4 - 10.8	IntelMac

◆Hardware requirements

The requirements to run computers are as follows.

Item	Description
CPU	Intel Processor
Memory	512MB or above
Disk Space	A minimum of 100MB is required. (500MB or above recommended)

Android client devices (with Android client program)

The specification for Android clients under the management of this service are as follows.

Resource	Description
OS	Android Ver.2.2 or later
Memory	A minimum of 256MB is required. (512MB or above recommended)

For verified operation on device models (as of Aug. 2013), visit the following site:

http://www.quality.co.jp/products/ISM/ISM_system_requirements.html#android

iOS client devices (with iOS client program)

The supported versions of iOS and iPhone configuration utility are shown in the following table.

Item	Description
OS	iOS 4 (Ver.4.3) - 6
iPhone Configuration Utility	Ver.3.4. or later

LP/MFP client printers

Printers under the management of this service are as follows.

Item	Description
Printer(*)	Network printers or multifunction printers supported for Printer-MIB.

* For other printers that support Printer-MIB, the information can only be collected and viewed. In addition, LP/MFP clients can be registered up to the number of contracted computers.