# ISM CloudOne Ver.7.6i System Requirements

Server

Server							
	os		Server				
	05	System	Log	RC	QRC		
Linux (x86)	Red Hat Enterprise Linux 6	•					
Linux (x64)	Red Hat Enterprise Linux 6 - 8	•	•	•			
	Red Hat Enterprise Linux 7				•		
	Alma Linux 8	•	•	•	•		
	CentOS 7						

	os	Edition	Service Pack / Version	Client	RC Console	QRC Console	URL Filtering Agent ※4 ※5	Disk Encryption Agent ※4 ※6 ※7	Malware Behavior Detection Agent ※4 ※7 ※23	Windows 10/11 Update Support Agent	ISM LogAnalytics	DefenderControl	QS Malwai Behavior Dete
ac OS X (macOS) itel CPU)	10.11 - 15 ※18 ※19 ※2	20 ※31 ※32		• ※27		● ※35							
ac OS X (macOS) RMCPU)	11 - 15 ※31 ※32			• %27		• ※35					•		
ndows(x86) 36	XP %15 %16	Home Professional	SP3	● ※13 ※27	•								
	Vista	Home Basic Home Premium	N/A SP1										
		Business Enterprise Ultimate	SP2	● ※13 ※27	•			● ※8					
	7	Home Premium Professional	N/A SP1	•									
		Enterprise Ultimate		*28	•			*8	•		*8		*8
	8	No Edition	N/A	_									
		Pro Enterprise		*13 *27	•								
	8.1 ※1	No Edition Pro	N/A	•				•			•		
		Enterprise		<b>※28</b>	•			<b>*8</b>	•		<b>*8</b>		*8
	10 ※17 ※25	Home Pro	1507										
		Enterprise Education Business	22H2	● ※14	• ※14	•	• ※33	● ※9 ※12	• ※10	• %21	•		● ※10
		Pro for Workstations											
	Server 2003	Standard Enterprise	SP1 SP2	•	•								
	Server 2003 R2	Standard	SP1	<b>%3 %13</b> ●	•								
	Server 2008	Enterprise Standard	SP2 SP1	<b>※3 ※13</b> ●									
dows(x64)	XP %15 %16	Enterprise Professional	SP2	<b>%3 %27</b>	•								
6				*10 *27	•								
	Vista	Home Basic Home Premium Business	N/A SP1 SP2	_									
		Enterprise Ultimate		*13 *27	•			*8					
	-		24/2										
	/	Home Premium Professional Enterprise	N/A SP1	•				•			•		•
		Ultimate		<b>※28</b>	•			*8	•		*8		*8
	8	No Edition Pro	N/A	•									
		Enterprise		<b>%13 %27</b>	•								
	8.1 ※1	No Edition Pro	N/A	•	•			•	•		•		•
		Enterprise		<b>※28</b>				*8	•		*8		*8
	10 ※17 ※25	Home Pro Enterprise	1507 - 22H2										
		Education Business		● ※14	● ※14	•	• ※33	● ※9 ※12	• ※10	● ※21	•	● ※24	● ※10
	Pro for Workstations												
	11 ※25 ※26	Home Pro	21H2 22H2										
		Enterprise Education	23H2 ※30 24H2 ※37	•	•	•	•		•	•	•		•
		Business Pro for Workstations		•			<b>※34</b>		<b>%10 %39</b>	<b>%21 %29 %38</b>	<b>※11</b>		<b>※10 ※3</b>
Server 2003 %15 %16 Server 2003 R2 %15 %16	Server 2003	Standard	SP1	•									
	<b>%15 %16</b>	Enterprise Standard	SP2 SP1	<b>%3 %13</b>	•								
	<b>%15 %16</b>	Enterprise	SP2	*3 *13	•								
	Server 2008	Standard Enterprise	SP1 SP2	● ※3 ※27	•								
	Server 2008 R2 ※2	Standard Enterprise	N/A SP1	● ※3 ※27	•								
	Server 2012	Essentials Standard	N/A	•	•				•				
		Datacenter		<b>※3</b>					·		·		
	Server 2012 R2 ※2	Essentials Standard Datacenter	N/A	• ※3	•				•		•		
	Server 2016	Essentials	N/A										
		Standard Datacenter		• ※3	•				•		•		
	Server 2019	Essentials Standard	N/A	•									
		Datacenter		<b>%3</b>	•				<b>※22</b>		•		
	Server 2022	Essentials Standard	N/A	•					•				
		Datacenter	11/4	<b>※3</b>					<b>*22</b>		·		
	Server 2025	Essentials Standard Datacenter	N/A	• ※3	•								
marks	[●]: means Supported.	[Blank]: means Not Su	pported.	×0									
	※1 Windows 8.1 Upd			installed.									
	<ul><li>3 The operational lo</li><li>4 The operation on</li></ul>	gs on writing data using VDI is not supported.	the external storaç	ge device control fur	nction and writing so	ftware are not suppo	rted on the Server O	S.					
		the ISP's version of ISM											
	%8 The editions "Hon	m requirements, contact ne Basic", "Home Premi	um" and "No Edition	on" of each OS are i	• •								
	※10 The editions "Bu	ne," "Education," "Busing siness" and "Pro for Wo	rkstations" of eacl			orted.							
	※12 Windows 10 160	ne" of each OS is not su 7 or earlier and Window	s 10 21H1 or later		and but now function	no in ISM CloudOne	Var 6 1i ar latar da r	est work on the client	_				
	※14 LTSB (2015/201	installed from ISM Cloud 6) and LTSC (2019) are	supported.		•								
	※16 The commands	annot be performed whe of "Sync settings" and "S operation restrictions in	Send inventory" car	nnot be performed o	on the User console.	•	-	_					
	https://www.quali	sysoft.com/product/supp	orts/os/					page. (avaliable ofly	iii Japanese)				
	%19 If the notification	nmacOS 10.14 to macO of the ISM client is not if the ISM client is not a	allowed on macOS	10.15, the alert and	d message notification	on will not be displaye	ed.	the wallpaper and m	onu har only displays	nd.			
	Also, the informa	tion of the application di t must be allowed from [	isplayed on the de	sktop does not appe	ear.			the wallpaper and the	enu bai oniy displaye	cu.			
	<ul><li>#21 Home and LTSC</li><li>#22 Essentials is not</li></ul>	are not supported.	e e e e e e e e e e e e e e e e e e e	(a), [edicoli i toco.	amgj m alo otandala	o Cyclem releas	арриссиоти						
		nglish OS are supported											
	※25 Azure Virtual Des	• • •	art App Control" is	turned on in Windo	ws Security is not su	ipported.							
	%27 [SoftwareDistribution of the control of the con	ution] feature is not supp ution] feature is not supp	orted.		•								
	<ul><li>29 Updates to Wind</li><li>30 Windows 11 23H</li></ul>	ows 11 23H2 can only b	oe updated from Wriction:	indows 11 22H2.									
	• When uninstallii ※31 On macOS 14, w	ng the ISMC client with the leb access logs are not	he Microsoft Edge acquired when lau	nching a website add	ded to the Dock colu	ımn of Safari.							
	This issue can be	om Mac OS 12 to Mac Os fixed by restarting the	OS.					e.					
	※34 Only the Japanes	se version of Microsoft \ se version of Microsoft \	Windows 11 Home	e/Pro/Enterprise/Edu	•		supported.						
	<ul><li>35 Only QRC clients</li><li>36 Devices with AR</li></ul>	are supported. macOS M processors are not gu	15 is not supporte uaranteed.	•									
	※37 The following are <ul> <li>Even when BitL</li> </ul>	the restrictions for Win	dows 11 24H2. for activation" stat	-									
	If [Location ser	tifications]-[Turn on do r vices] is disabled in [Pri	vacy & security] - [	Location] of the Wir		-				allowed.			
	<ul><li>38 Updating to Wind</li><li>39 Windows 11 24F</li></ul>	lows 11 24H2 is not sup 2 is not supported.	oported. (As of Ma	_									
	• "2025" does no	2025 has the following it appear under [Window	s by version] – [Da	=					= :				
	• "Windows Serv **41 In environments	er 2025" is not listed in t where Windows 11 24H.	the "OS" menu of   2 is newly installed	Fast startup] under , WMIC is disabled	[Gear icon] - [Basi	c policy] - [Control co	omputers] on the use	er console. (However	, the Fast Startup co		sable.)		
	• F-Secure	llows for inventory collec	ction and security o	diagnostics.									
	- W												
	• WithSecure	l Chinese and English ar											

	os	Client	URL Filtering Agent ※4					
Android	7.0 - 14.0 %1 %11	•						
(ARM-based CPU / Intel CPU)	10.0 - 14.0		•					
iOS	5.0 - 17	•						
	16 - 17		•					
iPad OS	13 - 17	•						
	16 - 17		•					
Remarks	[●]: means Supported. [Blank]: means Not Supported.							
	×1 For the list of verified smart device models, check the following URL.							
	https://ismcloudone.com/en/requirements/							
	X2 The client program compatible with iOS 7 is ISM CloudOne Ver.4.5.4i or later.							
	*3 The client program compatible with iOS 8 and iOS 9 is ISM CloudOne Ver.4.9.1i or later.							
	%4 Japanese OS is supported.							
	<ul> <li></li></ul>							
	%6 VPP function cannot be used in iOS 13.0 through 13.1.3.							
	If the iOS device is upgraded from iOS 12, applications can be installed until the VPP assignment is cancelled.							
	Cancelling the assignment disables the VPP function.							
	88 If Data Acquisition Consent is enabled, the consent sentences are not displayed.							
	※9 In iOS 13 or later, the MDM configuration profile cannot be installed if the self-signed certificate is used on the ISM server.							
	%10 Location information cannot be acquired in iPad OS 17/ iOS 17 when Lockdown Mode is enabled.							
	**11 The ISM CloudOne application screen appears cut off when the font size is increased to a certain degree on Android 14.							
	※12 Since iOS7, Wi-Fi MAC address cannot be obtained and displayed on the client (app) side.							

## ISM CloudOne Ver.7.6i

## Supported Web browser version for Service Console/User Console

Web Browser	Supported Version
Internet Explorer	11
Microsoft Edge	80 or higher
Google Chrome	53 or higher
Safari	9 or higher
Remarks	Recommended resolution is WXGA (1366×768) or higher.
	Compatibility mode in Internet Explorer is not supported.
	※ IE mode of Microsoft Edge is also available. Compatibility display is not guaranteed.

## **Supported Web browser version for RC Management Console**

Web Browser	Supported Version
Internet Explorer	10 - 11
Remarks	<ul> <li>Recommended resolution is WXGA (1024×768) or higher.</li> <li>Internet Explorer 10 and 11 are supported only for Desktop mode with the compatibility mode in Internet Explorer 9.</li> </ul>
	• IE mode of Microsoft Edge is also available. Compatibility display is not guaranteed.

Printer/MFP Manageable Environment
Network printers and MFPs that support Printer-MIB can be managed.

Supported drivers are as follows.

	Supported Drivers
Manufacturer	Description
Canon	Canon LIPS IV Printer Driver Ver.12.15 or later For Canon printers using the above printer driver, Port settings and Printer Preference settings can be set.
RICOH	RPCS printer driver that supports PrintTicket/PrintCapabilities  • RPCS Driver  Driver that supports models released after December 2010
	• RPCS Basic Driver  RPCS Basic Driver (color version) Ver.3.0.0.0 or later
	RPCS Basic Driver (black-and-white version) Ver.3.0.0.0 or later For RICOH printers using the above drivers, Port settings can be set.
Others (except as above)	For printers and MFPs that support Printer-MIB, collecting/viewing information can only be performed.
Remarks	SNMP v1 and v2 are supported.     Printers and MFPs can be registered up to the contracted number of computers.

#### Supported Web browser version for Operational logs (Web Access/Webmailing) collection

Web Browser	Supported Version
Microsoft Edge ※1※2	80 or higher
Internet Explorer ※3	8 ~ 11
Mozilla Firefox	36 or higher %4 %5 %6
Google Chrome	53 or higher
Safari ※2	10 or higher
Remarks	※1 Supported OS is Windows 10 version 1703 or later.
	※2 Operational logs for Webmailing, Uploading files, and Writing on SNS cannot be acquired.
	※3 IE mode of Microsoft Edge is also available.
	※4 Versions that support Windows XP - 8 and Windows Server 2003 - 2003 R2 are up to version 52.
	※6 Firefox 53 or later is supported on Mac OS.

## ISM CloudOne Ver.7.6i

Required CPU/Memory/Disk Capacity

ISI	M CloudOne	CPU	Memory	Disk	
System Server	Manageable PCs : 1,000 Clients	Core 2 Duo E4300 or higher	2GB or more	128GB or more	
	Manageable PCs : 3,000 Clients	Core 2 Duo E4300 or higher	4GB or more	256GB or more	
Client (Android)		ARM-based CPU Intel processor	256MB or more (512MB or more recommended)	-	
Client (iPhone, iPad)		-	-	-	
Client (Windows)		Pentium 4 1GHz or higher ※1	1GB or more	120MB or more (650MB or more recommended)	
Client (Mac)		Intel processor Apple silicon	2GB or more	100MB or more (500MB or more recommended)	
Remarks		※1 For Windows XP/Windows Server 2003/Windows Server 2003 R2, Pentium 3 1GHz or higher ※2 For Windows XP/Windows Server 2003/Windows Server 2003 R2, 128MB or more (256MB or more recommended)			

Operational Logs		CPU	Memory	Disk		
Log Server (Log data retention period:	Manageable PCs : 1,000 Clients	Core 2 Duo E6400 or higher	8GB or more	305GB or more		
30 days)	Manageable PCs :	Core 2 Duo E6400 or higher	12GB or more	428GB or more		
	3,000 Clients	Core 2 Duo E0400 or higher	120b of more	4200D of more		
Client (Windows) ※1			Same as ISM CloudOne Client (Windows	)		
Client (Mac) ※2			Same as ISM CloudOne Client (Mac)			
Remarks		※1 Operational log collection can be used by installing ISM CloudOne Windows clients.				
		※2 Operational log collection can be used by installing ISM CloudOne Mac clients.				

Disk Encryption	СРИ	Memory	Disk
Agent (Windows)	Pentium 4 1GHz or higher	1GB or more	1GB or more
Remarks	-		

	Remote Control	СРИ	Memory	Disk	Network Bandwidth
RC Server ※1	Manageable PCs : 3,000 Clients	Core 2 Duo E4300 or higher	1GB or more (2GB or more recommended)	20GB or more	200 Mbps or more
RC Console / RC C	ent	Pentium 4 1GHz or higher ※2	1GB or more	(500MB or more recommended)	2.2 Mbps or more
Remarks		the maximum number of simultaneoux For Windows XP/Windows Server 200 x3 For Windows XP/Windows Server 200 x4 A bandwidth of 2.2 Mbps or more mus w5 When using the file transfer, additional		e (256MB or more recommended) the RC console and RC client. transferred is required.	

Quick Rer	note Control	СРИ	Memory	Disk	Network Bandwidth	
QRC Server	Manageable PCs : 20,000 Clients	Core 2 Duo E4300 or higher	4GB or more (4GB or more recommended)		10 Mbps or more	
TURN / STUN Server	Manageable PCs : 20,000 Clients	Core 2 Duo E4300 or higher	4GB or more (4GB or more recommended)		500 Mbps or more ※2	
QRC Console/QRC Client	(Windows)	Pentium 4 1GHz or higher	2GB or more (4GB or more recommended)	(650MB or more recommended)	1 Mbps or more recommended %1 %2	
QRC Client (Mac)		Intel processor Apple silicon	2GB or more	(500MB or more recommended)	1 Mbps or more recommended %2	
Remarks		<ul><li>※1 A bandwidth of 1.0Mbps or more must be secured in the usage environment for both the QRC Console and QRC Client.</li><li>※2 The image quality and operability will vary depending on the customer's environment.</li><li>When using the file transfer functionality, additional bandwidth is required according to the file size to be transferred.</li></ul>				

Malware Behavior Detection	CPU	Memory	Disk
Client	Intel Core 2 Duo or higher	2GB or more	1GB or more
Remarks	Recommended system requirements		

Windows 10 Update Support	CPU	Memory	Disk
Client	3	32bit OS: 2GB or more 64bit OS: 4GB or more	25GB or more free space
Remarks	System drive must be NTFS.		

## ISM CloudOne

List of verified USB memory models

	verified USB memory models  USB Memory				Drive Type	
No.	Manufacturer	Product Name	Model Number	Category	Drive 1	Drive 2
1	BUFFALO	RUF3-KV Series	RUF3-KV16G-DS	Security USB Memory	Removable	Removable
2		RUF3-HSLTV ※1	RUF3-HSLTV	Security USB Memory	Removable	Removable
3		RUF3-HSL ※1	RUF3-HSL	Security USB Memory	Removable	Removable
4		RUF3-HS ※1	RUF3-HS	Security USB Memory	Removable	Removable
5		RUF3-HSTV ※1	RUF3-HSTV	Security USB Memory	Removable	Removable
6		RUF2-FHS Series	RUF2-FHS4G	Security USB Memory	Removable	Removable
7		RUF2-HSCW Series	RUF2-HSC1GW	Security USB Memory	Removable	Removable
8		RUF2-HSCTV ※1	RUF2-HSCTV	Security USB Memory	Removable	Removable
9			RUF2-HSCL-1G	Security USB Memory	Removable	Removable
10			RUF2-HSCLTVA3	Security USB Memory	Removable	Removable
11			SSD-PZN240U3-BK	Security Portable SSD		Local
12			HDS-PZN500U3TV3	Security Portable HDD	Removable	Removable
13			HD-LX1.0U3D	Security Portable HDD		Local
14			HDS-PX500U2J	Security Portable HDD		Local
15	I · O DATA	ED-SV4/R Series ※2	ED-SV4/4GR	Security USB Memory	Removable	Removable
16		LILSV// Series	ED-SV4/2G - ED-SV4/32G5	Security USB Memory	Removable	Removable
17		LED-V/A Series	ED-V4/2G - ED-V4/32G5	Security USB Memory	Removable	Removable
18		LIT S/I Sorios	ED-S4/2G - ED-S4/32G	Security USB Memory	Removable	Removable
19		LED-E/I Sarias	ED-E4/2G - ED-E4/32G	Security USB Memory	Removable	Removable
20		ED-SV3 Series ※1	ED-SV3/1G	Security USB Memory	Removable	Removable
21		ED-V3 Series ※1	ED-V3/1G	Security USB Memory	Removable	Removable
22		ED-S3 Series ※1	ED-S3/1G	Security USB Memory	CD Drive	Removable
23		ED-E3 Series ※1	ED-E3/1G	Security USB Memory	Removable	Removable
24		EU3-PW/R Series	EU3-PW/8GR	Security USB Memory	Removable	Removable
25		HDJA-SUTR Series	HDJA-SUT1R	Security Portable HDD		Local
26	ELECOM			Security USB Memory	Removable	-
27			MF-MSU3B16GBK/H	Security USB Memory	Removable	-
28			MF-TRU308GBK	Security USB Memory		Removable
29			MF-PUVT302GA1 - MF-PUVT332GA1	Security USB Memory		Removable
30			MF-PUVT302GM1 - MF-PUVT332GM1	Security USB Memory		Removable
31		=	MF-ENU3A04GBK - MF-ENU3A32GBK	Security USB Memory	CD Drive	Removable
32	HAGIWARA Solutions	Password I ockera ·x··I	HUD-PL302GM - HUD-PL332GM	Security USB Memory	CD Drive	Removable
33		HILL-PLIVIVISA SPRES ·x· I	HUD-PUVM302GA1 - HUD-PUVM332GA1	Security USB Memory	CD Drive	Removable
34		HUD-PUVIVISIVI Series ·x· i	HUD-PUVM302GM1 - HUD-PUVM332GM1	Security USB Memory	CD Drive	Removable
35	Logitec	LHD-PBMU3BS Series	LHD-PBM05U3BS	Security Portable HDD	CD Drive	Removable
36		LMD-PBRUC Series	LMD-PBR240UCBK	Security Portable SSD	Local	-
37	SONY	PUPPY Series	FIU-850-C04	Security USB Memory	Removable	Removable
38	ED Contrive	Traventy 3	Traventy 3	Security USB Memory	Removable	Removable
	Western Digital	My Passport Ultra	WDBPGC5000ABL	Security Portable HDD	CD Drive	Removable
39	Western Digital	iviy i assport oitta				
00	imation	IronKey F150	IRONKEY-F150-2G	Security USB Memory	CD Drive	Removable

- When registering as a registered external storage media, the device information needs to be registered before and after the security removal, respectively.
- When requesting the usage of external media, the request needs to be made before and after the security removal, respectively.

If any of the following conditions is satisfied, USB memory other than listed in the above can be controlled.

- The type is displayed as [Removable Disk] or USB drive on the Device Properties window.
- Located under [USB Mass Storage Device] on the Device Manager.
- \*2 Not verified for use with SUHManager (SUHM), a security USB memory and USA hard disk management software.
- \*\*3 When encrypting/decrypting the security USB memory using ELECOM's "PASS (Password Authentication Security System) X AES," the operational logs of writing all files in the encrypted area to the external storage device and of the file operation will be acquired each time.

[Notes on using USB memory (\*1) with security function]

· When controlling as registered external media

When using the target USB memory with security function as the registered external media, it is necessary to set control settings to [permit to write].

If the control setting is set to [read-only], the security removal may fail.

· When requesting the usage of external media

When using the USB memory with security function by requesting the usage of external media, the request must be made with [permit to write].

If the request made with [read-only] only, the security removal may fail.

• When the external media has not registered as a registered external media and a request for the usage of external media has not been made

The drive in the USB memory with security removal function must be set to [permit to write] on the external storage device control settings of ISM CloudOne.

If [permit to write] is turned off, the security removal may fail.

The drive set to [permit to write] depends on the drive type ("Drive 1" in the above table) with the security removal program.

If there is drive 2, drive 2 is the drive type for the secure area. (For details, refer to the following explanation.)

\*1: USB memory with the security function that can enable reading/writing of data in the USB memory after performing the security removal program.

Drive Type : Drive 1	Drive where the security-unlock program is deployed	External Storage Device Control Settings
CD Drive	Handling as CD drive	Enable [permit to write] of [CD/DVD drive]
Removable	Handling as Removal drive (same as a normal writing area)	Enable [permit to write] of [Other external media]

#### [How to check the drive type of the USB memory]

#### 《Windows 7》

Drive (E:) is the drive that stored the security removal program. Drive (F:) is the secured drive.



#### 《Windows 10》

Drive (H:) is the drive that stores the security removal program. Drive (I:) is the secure drive.



# ■ USB memory that stored the program for releasing the secure area in Removable drive 《Windows 7》

Drive (E:) is the drive that stored the security removal program. Drive (G:) is the secured drive.



## 《Windows 10》

Drive (I:) is the drive that stored the security removal program. Drive (H:) is the secured drive.

※ It may be displayed as "USB drive" or "Removable disk."



## ISM CloudOne

#### **List of verified Card Reader**

No.	Card Reader			Drive Type	
	Manufacturer	Product Name	Model Number	Drive Type	
1	Toshiba	dynabook V714	dynabook V714	Built in (SD card)	
2	Lenovo	ThinkPad 10	ThinkPad 10	Built in (micro card)	
3	1	ThinkPad Edge 11	ThinkPad Edge 11	Built in (SD card)	
4	1	ThinkPad X61	ThinkPad X61	Built in (SD card)	
5	1	ThinkPad X32	ThinkPad X32	Built in (SD card)	
6	1	ThinkPad X200	ThinkPad X200	Built in (SD card)	
7	1	ThinkPad X230	ThinkPad X230	Built in (SD card)	
8	1	ThinkPad L520	ThinkPad L520	Built in (SD card)	
9	ELECOM	MR3C-A010BK	MR3C-A010BK	External (SD card)	
ИK	If any of the following conditions are met, card readers other than listed in the above can be controlled.  • The type is displayed as [Removable Disk] on the Device Properties window.  • Located under [USB Mass Storage Device] on the Device Manager.				