



HikCentral FocSign V2.0.0
System Requirements & Performance

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Content

Chapter 1	System Requirements.....	1
Chapter 2	SYS Server Performance.....	2

Chapter 1 System Requirements

OS for Server¹	<p>Microsoft® Windows 11 64-bit Microsoft® Windows 10 64-bit Microsoft® Windows 8.1 64-bit Microsoft® Windows 7 SP1 64-bit Microsoft® Windows Server 2019 64-bit Microsoft® Windows Server 2016 64-bit Microsoft® Windows Server 2012 R2 64-bit Microsoft® Windows Server 2012 64-bit Microsoft® Windows Server 2008 R2 SP1 64-bit Microsoft® Windows Server 2022</p> <p><i>*For Windows 8.1 and Windows Server 2012 R2, make sure it is installed with the rollup (KB2919355) updated in April, 2014.</i></p>
Database	PostgreSQL V11.8
Browsers	<p>Google Chrome® 100 and above Firefox® 100 and above Safari® 13 and above Microsoft® Edge 100 and above Internet Explorer® 11 and above</p>
Virtual Machine	<p>VMware® ESXi™ 6.x Microsoft® Hyper-V with Windows Server 2012/2012 R2/2016 (64-bit)</p>

¹Server refers to SYS server in centralized deployment, and SYS as well as ADS server in distributed deployment.

Chapter 2 SYS Server Performance

Notes:

The following table shows:

- Performance of SYS server if the system is centralized deployed.
- Performance of SYS server together with ADS server if the system is distributed deployed.

SYS Configurations			
Feature	Low-End	High-End	Recommended
CPU	Intel® Core™ i5-8500 @ 3.00 GHz	Intel® Xeon® E-2124 @ 3.30 GHz	Intel® Core™ i5-8500 @ 3.00 GHz
RAM	8 GB	16 GB	8 GB
NIC	GbE Network Interface Card	GbE Network Interface Card	GbE Network Interface Card
HDD for OS	SATA-II 7200 RPM Enterprise Class HDD	SATA-II 7200 RPM Enterprise Class HDD	SATA-II 7200 RPM Enterprise Class HDD
HDD Capacity	512 GB	1 TB	512 GB
OS	Microsoft® Windows 10 64-bit	Microsoft® Windows Server 2012 (R2) 64-bit	Microsoft® Windows 10 64-bit
Maximum Performance			
Feature		Low-End	High-End
Device	Digital Signage Terminals	128	2,048
	Interactive Flat Panels	128	2,048
	Video Walls	64	512
	pStors	4	64
	Streaming Media Servers	64	64
System	Roles	32	3,000
	Users	32	3,000
	Roles Assigned to One User	32	<ul style="list-style-type: none"> ● 100 roles can be assigned to one user (Resources linked to one role < 1,000); ● 50 roles can be assigned to one user (Resources linked to one role < 3,000).
	Concurrent Accesses via Client	16	100

Resource	Areas	256	512
	Display Screens	256	2,048
Commercial Display	Materials	10,000	
	Material Size	4 GB	
	Materials Uploading Concurrently	50	
	Windows on One Program Page	16	
	Materials in One Window	256 (Picture/Video/Text, etc.)	
	Schedules	1,000	
	Cut-In Schedules	Cut-In Programs: 10,000 Cut-In Text Messages: 10,000	
	Content Review Records	5,000	20,000
	Quickly Release Contents	64 Materials (Picture/Video) for a Single Release	
	Release Records	1,000	20,000
	Applications	512	512
	Flat Panels Usage Statistics	Devices: 128	Devices: 2,048
	Combined Control Command	500	500
Playing Statistics	Devices: 128	Devices: 2,048	

