

UShop⁺ SignageCMS Client Installation Guide

V1.8



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Version history

Version No.	Last update	Chapter	Content
V1.8	08/17/2018		

Table of Contents

1. System Requirement	4
2. Operation System Setting	5
3. WISE-PaaS/SignageCMS Client Software Installation	17
4. Client Software Activation	19
5. Instructions for Shortcuts of WISE-PaaS/SignageCMS Client	21
6. Settings for WISE-PaaS/SignageCMS Client	22
7. Introduction for the Plug-ins of WISE-PaaS/SignageCMS Client	24
8. WISE-PaaS/SignageCMS Client Software Update	24

1. System Requirement

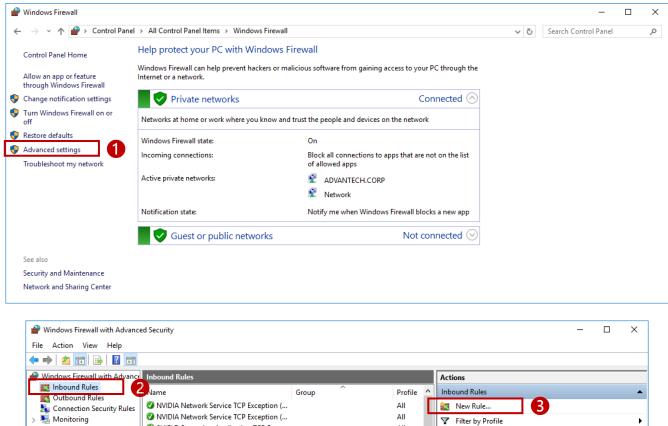
WISE-PaaS/SignageCMS Server

- OS: Windows Server 2008, 2012 or above
- CPU: Xeon 3000 or above (e.g. Intel E5-2620)
- RAM: 8GB or above
- Hard Disk: 500GB or above (C:) depend on media file size
- Port: 80 (HTTP), 1883 (MQTT), 16992 (Intel AMT)
- IP Address: Static IP Address is required
- Language: English / Simplified Chinese / Traditional Chinese
- WISE-PaaS/SignageCMS Client
 - OS: Windows Embedded Standard 7, Windows 7/8/10
 - CPU: Intel Celeron J1900 or above (1x Full HD video); Intel Core i5 or above (multiple Full HD video)
 - RAM: 4GB or above
 - Hard Disk: 100GB or above depend on media file size
 - Port: 80 (HTTP), 1883 (MQTT), 16992 (Intel AMT)
 - IP Address: Dynamic IP Address is fine
 - VGA: Independent graphics card is better
 - Language: English/ Simplified Chinese/ Traditional Chinese

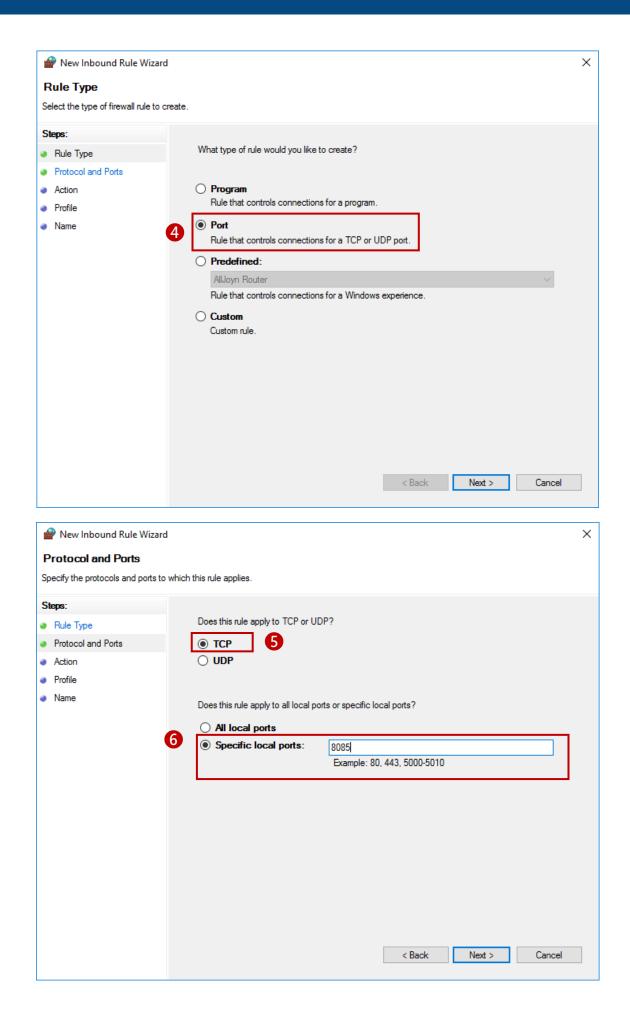
2. Operation System Setting

A. Open firewall port TCP: 8085, UDP: 8083

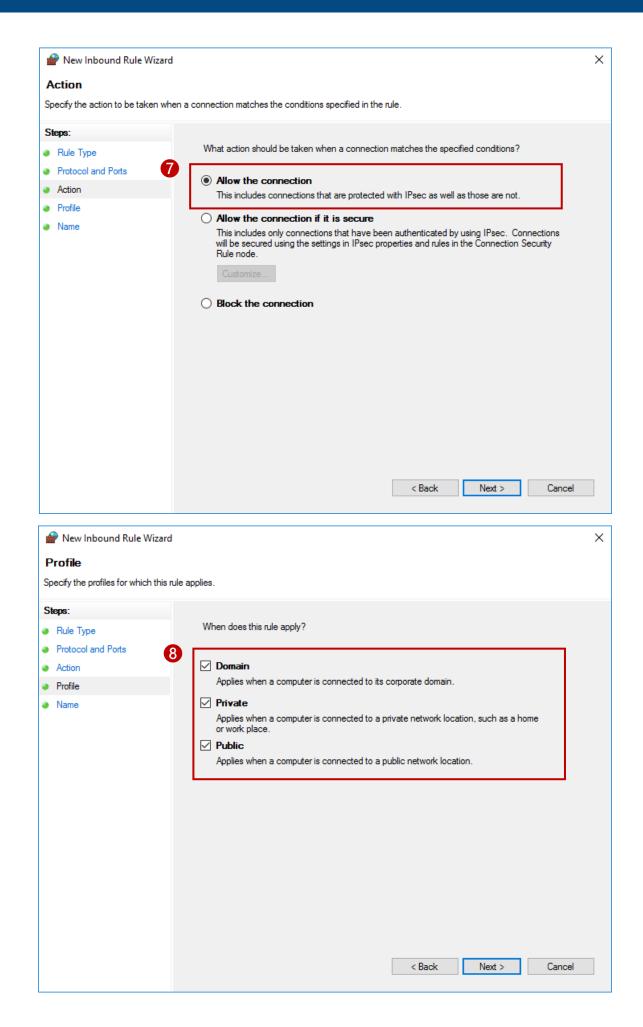
- Step 1 >> "Control panel" → "Windows firewall"
- Step 2 >> Click "Advanced settings" on the left side
- Step 3 >> "Inbound Rules" → "New Rule"
- Step 4 >> "Port" → "TCP" and "Specific local ports" which enter 8085→ "Next"
- Step 5 >> "Allow the connection" → Apply all the rule→ Name it and click "Finish"
- Step 6 >> "Inbound Rules" → "New Rule"
- Step 7 >> "Port" → "UDP" and "Specific local ports" which enter 8083→ "Next"
- Step 8 >> "Allow the connection" → Apply all the rule→ Name it and click "Finish"



Control Rules	Name	Group	Profile	^	Inbound Rules
Connection Security Rules	WIDIA Network Service TCP Exception (All		🐹 New Rule 3
> Monitoring	SNVIDIA Network Service TCP Exception (All		▼ Filter by Profile
·	SHIELD Streaming Application TCP Excep		All		- ,
	SHIELD Streaming Application UDP Exce		All		
	SHIELD Streaming Service TCP Exception		All		▼ Filter by Group
	SHIELD Streaming Service UDP Exception		All		View
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	BranchCache Hosted Cache Server (HTT	BranchCache - Hosted Cach	All	11	
	BranchCache Peer Discovery (WSD-In)	BranchCache - Peer Discove	All		
	🔇 Cast to Device UPnP Events (TCP-In)	Cast to Device functionality	Public		
	🔮 Core Networking - Destination Unreacha	Core Networking	All		
	🔮 Core Networking - Destination Unreacha	Core Networking	All		
	🔇 Core Networking - Dynamic Host Config	Core Networking	All		
	🔮 Core Networking - Dynamic Host Config	Core Networking	All		
	🥑 Core Networking - Internet Group Mana	Core Networking	All		
	🥑 Core Networking - IPHTTPS (TCP-In)	Core Networking	All		
	🥑 Core Networking - IPv6 (IPv6-In)	Core Networking	All	-	
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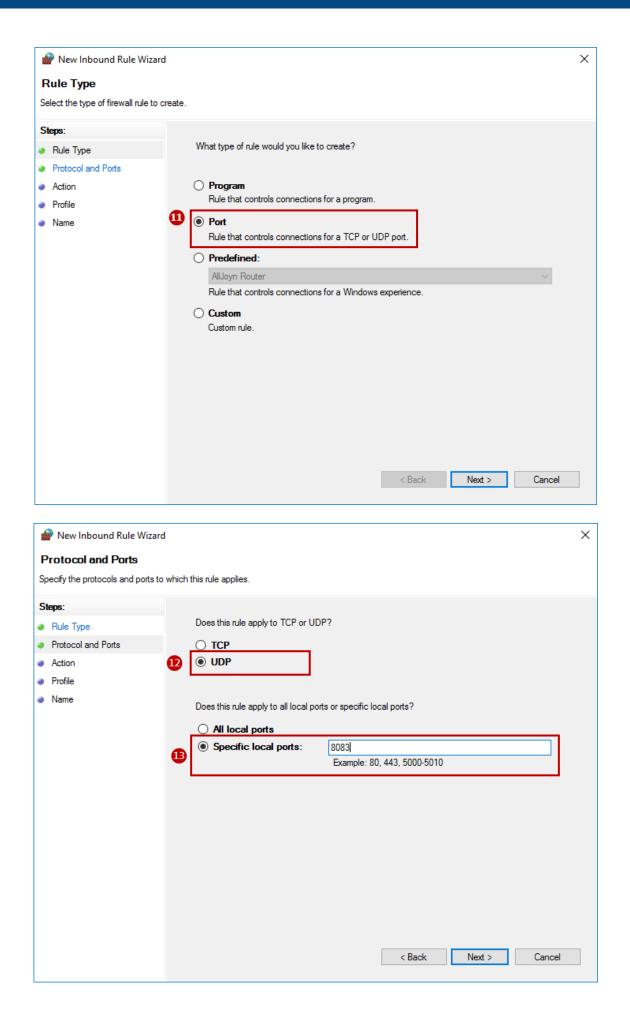


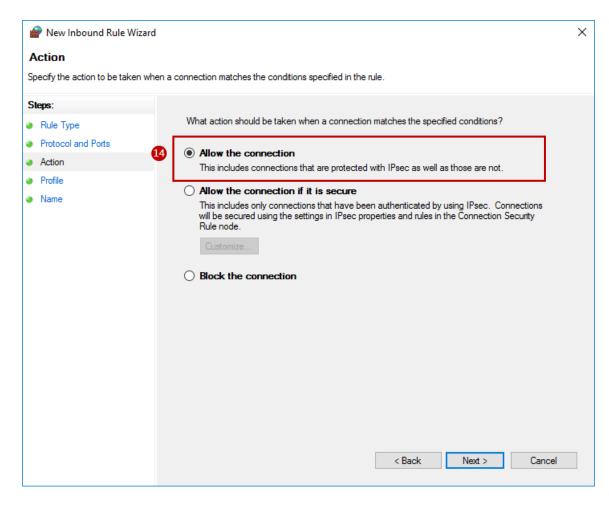
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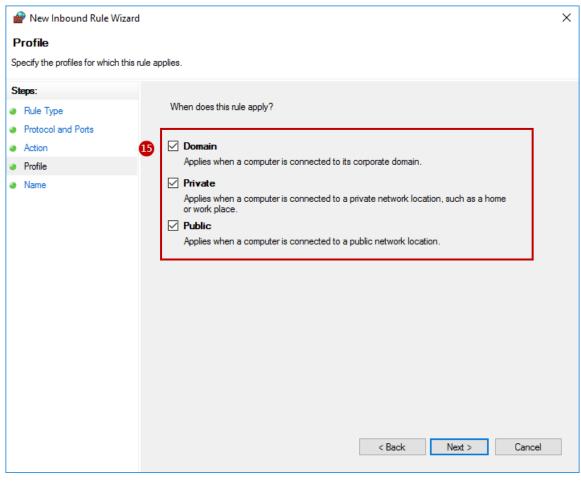


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Rule Type									
Protocol and Ports									
Action	9 г						_		
Profile		Name:	oud						
Name		WISE-PaaS/Signage							
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S	teps:				
۲	Rule Type				
۲	Protocol and Ports				
۲	Action				
۲	Profile	16	Name: WISE-PaaS/SignageCMS UDP		
۲	Name	L			
			Description (optional):		
			< Back Fin	nish Cancel	1

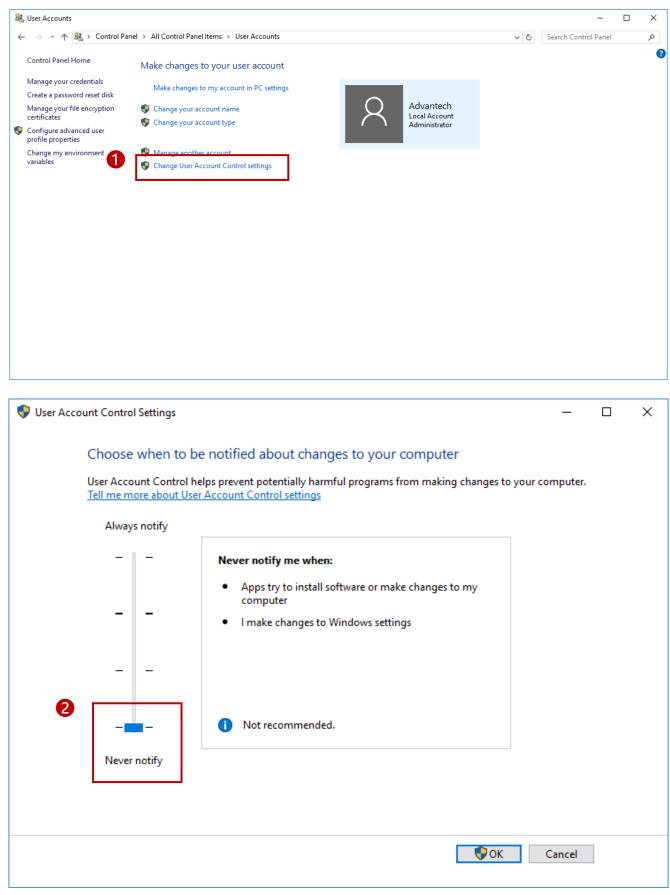
B. Turn off the UAC

If the OS hasn't these function, it can skip this step

Step 1 >> "Control panel" → "User Accounts"

Step 2 >> Click "Change User Account Control settings"

Step 3 >> Adjust the setting to "Never notify" and click "OK" to confirm



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C. Open Virtual Memory Step 1 >> [Control Panel] → [System] Step 2 >> Click [Advanced system settings] in the left. Step 3 >> Enter [System Properties] → [Advanced] → [Performance] → [Settings] Step 4 >> Enter [Performance Options] → [Advanced] → [Virtual memory] → Click [Change] Step 5 >> Click [Automatically manage paging file size for all drives] (Taking effect after reboot system)

🖭 All Control Panel Items \times → 👻 🛧 🔝 > Control Panel > All Control Panel Items ✓ ひ Search Control Panel Q ← Adjust your computer's settings View by: Small icons 🔻 Administrative Tools 🐻 AutoPlay Backup and Restore (Windows 7) RitLocker Drive Encryption Color Management Credential Manager 骨 Date and Time Contract Programs 💻 Display Ease of Access Center 🔒 Device Manager The Devices and Printers File Explorer Options 🖌 Flash Player (32-bit) 📀 File History A Fonts • HomeGroup 👔 Infrared 🔏 Indexing Options 1 Internet Options Keyboard 穿 Language Mouse Network and Sharing Center 🛃 NVIDIA 控制面板 🚅 Personalization 🛄 Phone and Modem Power Options Programs and Features 🐼 Realtek HD Audio Manager 🐼 Recovery 🔊 Region Sound 🖌 Speech Recognition Storage Spaces 🔕 Sync Center 💟 System Taskbar and Navigation Troubleshooting 🖶 Windows Defender Windows Firewall & User Accounts Windows Mobility Center Work Folders Hindows To Go

System				_	
→ ✓ ↑ 🗹 > Control P	anel > All Control Panel Items >	System	ٽ ~	Search Control Panel	
Control Panel Home	View basic information	about your computer			
Device Manager	Windows edition				
Remote settings	Windows 10 Enterprise 201	6 LTSB			
System protection	© 2016 Microsoft Corporat		Wi Wi	ndowc	10
Advanced system settings	e zere microsoft corporat	ion Ai ngho reserved.		IIUUvvs	IU
, <u>,</u>	System				
	Manufacturer:	Advantech Co., Ltd.		AD\ANT	ECH
	Processor:	Intel(R) Celeron(R) CPU N2930 @ 1.83GHz 1.83 GHz			an Intelligent Pla
	Installed memory (RAM):	4.00 GB (3.89 GB usable)			
	System type:	64-bit Operating System, x64-based processor			
	Pen and Touch:	No Pen or Touch Input is available for this Display			
	Advantech Co., Ltd. support —				
	Phone number:	02-2792-7818			
	Website:	Online support			
	Computer name, domain, and	workgroup settings			
	Computer name:	DESKTOP-R3CGRC7		Change	settings
	Full computer name:	DESKTOP-R3CGRC7			
	Computer description:				
	Workgroup:	WORKGROUP			
See also	Windows activation				
See also Security and Maintenance	Windows is activated Rea	d the Microsoft Software License Terms			
security and manifemence	Product ID: 00380-70600-1	0120 0 0 0 0 0 0		Change pro	

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X Performance Options >
 Performance Options Visual Effects Advanced Data Execution Prevention Processor scheduling Choose how to allocate processor resources. Adjust for best performance of: Programs Background services Virtual memory A paging file is an area on the hard disk that Windows uses as if it were RAM. Total paging file size for all drives: 704 MB Change

Paging file size for each Drive [Volume Label]	Paging File Size (MB)	
C:	System manag	
Selected drive:	С;	
Space available:	448369 MB	
O Custom size:		
Initial size (MB):		
Maximum size (MB);		
System managed si	ize	
○ No paging file		Set
Total paging file size fo	r all drives	
Minimum allowed:	16 MB	
Recommended:	1394 MB	
Currently allocated:	704 MB	

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D. Time zone correction

! Please NOTE that if the platform contains WISE-PaaS/SignageCMS Server, time zone of database needs to be adjusted after the platform time zone is corrected, and it doesn't support the daylight saving time.

K	Settings		- 86	ð)
55	ව Home	Date and time			
C	Find a setting	6:22 AM, Friday, July 13, 2018			
Ti	me & language	Set time automatically			
Ē		On Set time zone automatically Off			
A (Change date and time Change			
		Time zone (UTC-08:00) Pacific Time (US & Canada) ~			
		Adjust for daylight saving time automatically Off			
		Formats			
		First day of week: Sunday			
		Short date: 7/13/2018			
		Long date: Friday, July 13, 2018			

6:22 AM

Short time:

www.ushop-plus.com

3. WISE-PaaS/SignageCMS Client Software Installation

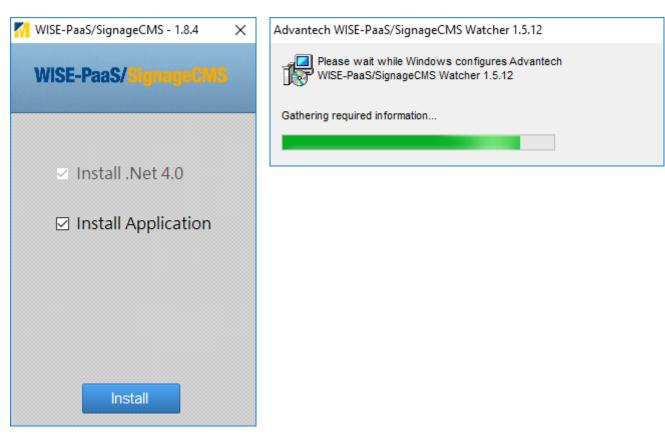
A. Run the installation in administrator mode: Right-click on "PSN_Installer.exe" → "Run as administrator"

🔐 🛃 📕 🛨		А	pplication	Tools D	VD Drive (D:) 20180	0704_1530							-		×
File Home	Share	View	Manag	2											^ ?
Pin to Quick Copy access	Dacte	从 Cut ₩ Copy path I Paste shortc	ut to		Delete Rename	New folder	vitem → access →	Properties	∎ Open ▼ Edit History	Select all Select none					
Cli	pboard			Org	Janize	New		Op	en	Select					
← → · ↑ 4	≩ → Th	is PC → DVD D	rive (D:) 20)180704_15	30						√ Ō	Search DVD	Drive (D:)	2018070	., <i>р</i>
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DVD Drive (E				Propertie	s										
DvD Drive (L);) 2(V														
10 items 1 item s	elected	831 KB													::: 🖿

B. Select language and "Client", then click "Next"



C. Tick all items and click "Install"

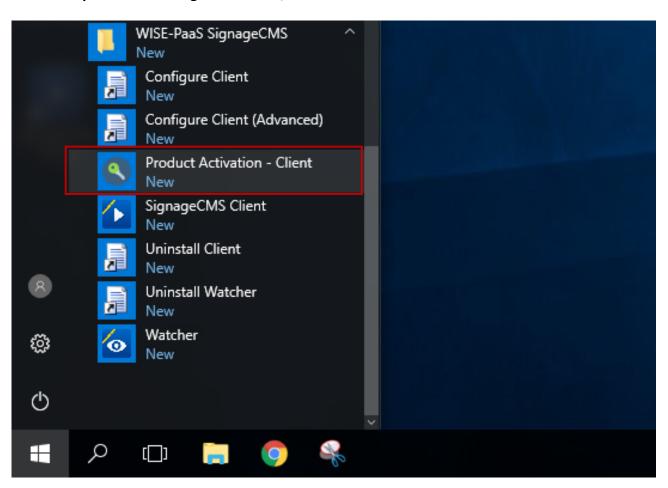


D. Set Server IP and Finish installation

ISE-PaaS/SignageCMS Client Configuration	× WISE-PaaS/SignageCMS - 1.8.4 ×
WISE-PaaS/SignageCMS	WISE-PaaS/SignageCMS
Basic	
Client ID 000BAB8513D9 Copy ID	
Use custom ID	Install .Net 4.0
Server IP 127.0.0.1 Port 80	Install Application
Data Directory C:\ Browse	
Save and Start	
	Finish

4. Client Software Activation

! Before activation, the main program of WISE-PaaS/SignageCMS will be automatically turned off. A. Confirm the system connecting the Internet, and run the Product Activation

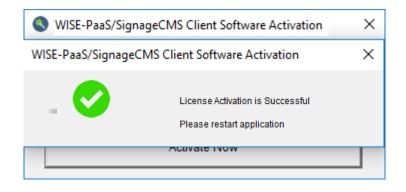


B. Enter the serial number, and click "Activate Now"

🔇 WISE-Paa	S/SignageCMS Client Software Activation	×
٩	Please input license key	
	Activate Now	

C. Activate the software successfully and reboot the system

 Open Program Files to activate WISE-PaaS/SignageCMS Client (The activated client main program will run automatically after restarting.)



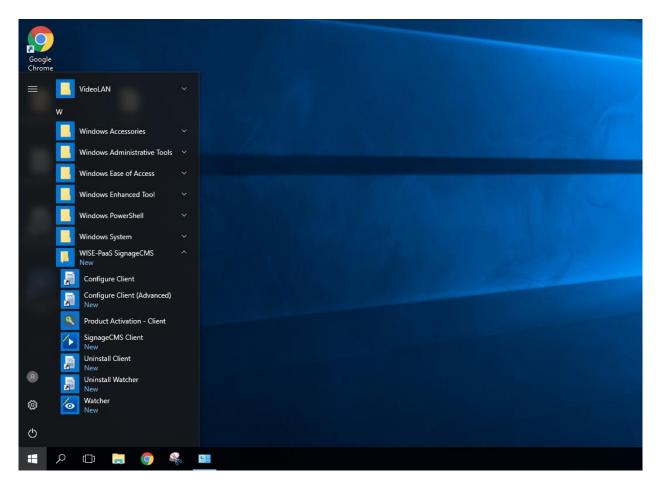
D. Make sure the client is activated correctly.

- Open "Program Files" to activate WISE-PaaS/SignageCMS Client (The activated main program will run automatically after rebooting)
- Make sure the client is activated properly: Run main program of WISE-PaaS/SignageCMS Client and right click the Tray icon at the bottom right corner

		Contract Law 199
	WISE-PaaS/SignageCMS Client 1.8.4 Launched at: 2018/07/13 07:44:00	
	Client: [000BAB8513D9] License Type: ByLicenseFile [Pro]	
	Status: Standby Delivery: Standby Data Directory: C:\ (Free 436.75 GB)	
	Server IP: 127.0.0.1 / HTTP: 80 / MQTT: 1883 Status: Disconnected MQTT: Connected UseRelay: No	
	Schedule: 197001010000 Program: InitProgram [0000022.xml]	
•	View shutdown schedules	
	Open log directory Open data directory	
	Configure	o b
	Play	
ថ	Restart	
E	Quit	
		ヘ 駅 🖤 🗗 上午 07:44 🎝

5. Instructions for Shortcuts of WISE-PaaS/SignageCMS Client

Shortcut locations

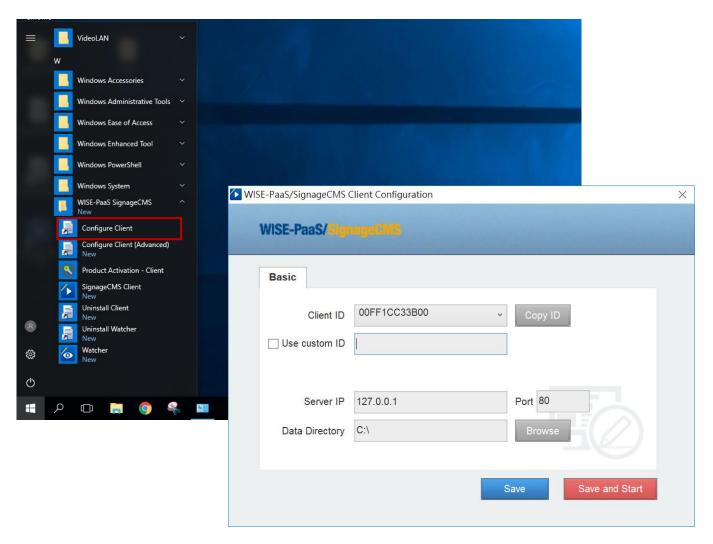


- Configure: Set the client software
- Configure Client (Advanced): Advanced settings of client software are included
- Product Activation Client: Activate client software online
- WISE-PaaS/SignageCMS Client: Run main program
- Uninstall Client: Uninstall client software
- Uninstall Watcher: Uninstall watcher software
- Watcher: Activate the monitoring program of WISE-PaaS/SignageCMS Client simultaneously.

6. Settings for WISE-PaaS/SignageCMS Client

Configure Client

Taskbar → "WISE-PaaS SignageCMS" → "Configure Client"



Please note that to use Intel AMT or Wake on LAN to set power on/off remotely, do not use the custom ID

- Client ID can be the parameter that is used to connect with server, or user can set another parameter by using "Use custom ID" (Optional)
- Server IP: Please enter official IP and port of the server
- Data Directory: For specifying the location where related multimedia files and schedule setting are stored.
- Save: Save and leave the program
- Save and Start: Save and start main program

- Advanced settings
 - Taskbar → "WISE-PaaS SignageCMS" → "Configure Client (Advanced)"

=	w	VideoLAN							
		Windows Accessories							
		Windows Administrative Tools							
		Windows Ease of Access		WISE-PaaS/S	ignageCMS Clie	nt Config	uration		X
		Windows Enhanced Tool							
		Windows PowerShell		WISE-	PaaS/ <mark>Signa</mark>				
		Windows System			a stand and		The particular		
		WISE-PaaS SignageCMS New		Desis	Advance	18			
		Configure Client		Basic	Advance	Kennen			
	J	Configure Client (Advanced) New				60 🗸	Í	✓ Kill at 23 00	
	٩	Product Activation - Client		He	artbeat Interval	60 v	secs	✓ Kill at 23 00	
	1	SignageCMS Client New			Watch Interval	60	secs		
		Uninstall Client New					1	Topmost	
8	F	Uninstall Watcher New		Check	Update Interval	1	secs	☐ Hide Taskbar	
ŝ	6	Watcher New			Interaction Key	0000	✓ Enable		
Ф							-	✓ Keyboard to stop	
								✓ Mouse to stop	
	ρ	(_) 📄 🌍 🔮	6	<u>94</u>					
								Save Save and Start	

- Heartbeat Interval: Send heartbeat message to the server at every fixed time interval set by seconds
- Watch Interval: When the program is closed at "Kill at", it will automatically restart at every fixed time interval set by seconds
- Check Update Interval: Check if there is any update with the server at every fixed time interval set by seconds
- Interaction Key: Enable this function, software will support interaction function, and the four number is the key for activating the function.
- Kill at: Shut down the program automatically at a designated time
- Hide Cursor: Automatically hide the cursor when running the program
- Topmost: The program will always be on the top of the screen when it is running
- Hide Taskbar: Windows Taskbar will be automatically hided when the program is running
- Keyboard to stop: Make "Esc" can stop the Client software.
- Mouse to stop: Make the right-click can stop the Client software.

7. Introduction for the Plug-ins of WISE-PaaS/SignageCMS Client

! If the program contains the following file formats, please install correlated plug-ins (non-preloaded)

- Video playback
 - K-Lite (default player) or VLC: Corresponding video playback software needs to be installed, according to the program settings.
- PDF: Adobe Reader
- PPT: ppview97
- Flash: Adobe Flash
- Chrome: If Chrome is selected as web browser, Google Chrome needs to be installed separately.

The software mentioned above is free, for more information, please contact relevant personnel.

8. WISE-PaaS/SignageCMS Client Software Update

- A. Update the Server version first, this step can refer to the Server Installation Guide
- B. Login the server \rightarrow "System" \rightarrow "Client Device"

		W	ISE-PaaS/SignageCMS	🔛 Media	Final Program	O Schedule	5 Script	Dispatch	غۇپا System	→ Logout
Device Device	Grou	qr						C C	User Client Device System Setup	e New Remov
Status OS Name						Final Connection	Statistics Data Version	Department		
	0	•	XXX						1.0.0	admin
	0	٠	SSS						1.6.4	admin
	0	•	VIC					2018-07-27 15:06:48	1.8.4P	admin
	0		IYCJVJ48NC					2018-07-27 09:36:28	1.0.1	admin
	-									

C. Select the Device which need to upgrade the software version \rightarrow Click "Upgrade"

	'	WISE-PaaS/SignageCMS	🔛 Media	Program	Schedule	5 Script	B ispatch	System	≁ Logout
Device	Group								
Device							C U Reload Power On	Restart U	Ø + Image: Constraint of the second
St St	atus OS	Name	Overall S	chedule	Dispatch T	ïme	Final Connection	Version	Department
		XXX						1.0.0	admin
		SSS						1.6.4	admin
•	•	VIC					2018-07-27 15:06:48	1.8.4P	admin
		IYCJVJ48NC					2018-07-27 09:36:28	1.0.1	admin
Z	•	CCC						2.2.12	test

D. After selecting new version, run the software update and click "Confirm" to proceed the update

	WISE-PaaS/SignageCMS	Media	Program	O Schedule	Script	Dispatch	前 System	≁ Logout	
Device Group									
Client List								Upgrade	X Close
	Windows 1.7.	1 🔻					roid 1.8.4 V		
	XXX VIC						SSS IVJ48NC		
							ссс		