

AIOT CLOUD CORP. AIC VideoWall User Manual

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User Guides

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PREFACE

Disclaimer

The information in this document is subject to change without prior notice and does not represent commitment from AIOT CLOUD CORP. However, users may update their knowledge of any product in use by constantly checking its manual posted on our website: https://www.aiotcloud.dev. AIOT CLOUD CORP. shall not be liable for direct, indirect, special, incidental, or consequential damages arising out of the use of any product, nor for any infringements upon the rights of third parties, which may result from such use. Any implied warranties of merchantability or fitness for any particular purpose is also disclaimed.

Acknowledgements

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Revision History

Version Date Description		Description
v1.0	March 2022	Initial release with Restful API Server, UVC, Microsoft Edge Browser



CHAPTER 1: USING THE AIC VIDEOWALL

1.1 Introduction

AIC VideoWall is an interactive video wall player desktop application that works on selected Windows-supported industrial PCs connected to a TV wall. It supports playback of multimedia contents such as images, videos, music and websites.

AIC VideoWall allows users to divide the video wall screen into different zones and assign contents to each zone separately. Furthermore, NexWall provides users the flexibility to define which scenes they would like to display periodically.

Editor is a new tool for customers to collect all required images, video, urls, ...etc, into a central location. Specifically, it is used to add/delete Scenes and arrange orders for all the Scenes. Each Scene will be divided into several zones, each zone will then be assigned a different content. Editor will guide the user into creating a full story in expressing his/her idea through Utility.

1.2 Install 3rd party tools

AIC VideoWall Utility will use 3rd party tools for playing different contents, please go to each product website to begin download and installation.

- 1. Chrome Browser ©: https://support.google.com/chrome/answer/95346?hl=zh-Hant&co=GENIE.Platform%3DDesktop
- 2. Microsoft Edge Browser ©: https://www.microsoft.com/zh-tw/edge
- 3. Adobe Reader ©: https://www.adobe.com/tw/acrobat/pdf-reader.html



1.3 Launch & Configure the Utility

1. Launch **Utility** and enter the password in the respective field, then click **OK**. (Default password is "0000")

VideoWall Utility: Profe	essional Edition			×
Configure the VideoWa	Il scene.			
Scene Display Media	a Option License			
Scene Setting				
Scene Config:	T0401.xml			
Working Direc	tory: D:\ETNA\VideoW	all\WorkSpace		
Working Direc	. D. (ETTA/(VIGCOV)	untworkspace		
Hotkey Setting				
Scene Function	Hotkey Value			^
Play	Ctrl + Shift + P			
First	Ctrl + Shift + Up			
Prev	Ctrl + Shift + Left			
Next	Ctrl + Shift + Right			
Last	Ctrl + Shift + Down			
Exit	Ctrl + Shift + E			
Demo	Ctrl + Shift + D			~
				4
		確定	取消	套用(<u>A</u>)

- 2. Click the Scene Config to design Scenes.
- 3. Click the Working Directory to setup the media file folder.
- 4. Click the Apply (A) button to complete the setting.



CHAPTER 2: BASIC OPERATIONS

2.1 Introduction

This chapter introduces the user interface and basic operations. Once you logon, you will see the user interface as shown below.

Configure the VidenWall scene 2 3 4 Scene Display Media Option License Scene Setting Scene Config: T0401.xml Working Directory: D:\ETNA\VideoWall\WorkSpace Hotkey Setting Scene Function Hotkey Value Play Ctrl + Shift + P First Ctrl + Shift + Left Next Ctrl + Shift + Right Last Ctrl + Shift + E Demo Ctrl + Shift + D		Wall Utility: Profes	ssional Edition			×
Scene Display Media Option License Scene Setting Scene Config: T0401.xml Working Directory: D:\ETNA\VideoWall\WorkSpace Hotkey Setting Scene Function Hotkey Value Play Ctrl + Shift + P First Ctrl + Shift + Up Prev Ctrl + Shift + Left Next Ctrl + Shift + Right Last Ctrl + Shift + Down Exit Ctrl + Shift + D			scene.			
Scene Setting Scene Config: T0401.xml Working Directory: D:\ETNA\VideoWall\WorkSpace Hotkey Setting Scene Function Hotkey Value Play Ctrl + Shift + P First Ctrl + Shift + Up Prev Ctrl + Shift + Left Next Ctrl + Shift + Right Last Ctrl + Shift + Down Exit Ctrl + Shift + E Demo Ctrl + Shift + D	_		4-5-			
Scene Config: T0401.xml Working Directory: D:\ETNA\VideoWall\WorkSpace Hotkey Setting Scene Function Hotkey Value Play Ctrl + Shift + P First Ctrl + Shift + Up Prev Ctrl + Shift + Left Next Ctrl + Shift + Right Last Ctrl + Shift + Down Exit Ctrl + Shift + E Demo Ctrl + Shift + D	Scene	e Display Media	Option License			
Working Directory: D:\ETNA\VideoWall\WorkSpace Hotkey Setting	Sc	ene Setting				
Working Directory: D:\ETNA\VideoWall\WorkSpace Hotkey Setting		Scene Config:	T0401.xml			
Hotkey Setting Scene Function Hotkey Value Play Ctrl + Shift + P First Ctrl + Shift + Up Prev Ctrl + Shift + Left Next Ctrl + Shift + Right Last Ctrl + Shift + Down Exit Ctrl + Shift + E Demo Ctrl + Shift + D						
Scene Function Hotkey Value Play Ctrl + Shift + P First Ctrl + Shift + Up Prev Ctrl + Shift + Left Next Ctrl + Shift + Right Last Ctrl + Shift + Down Exit Ctrl + Shift + E Demo Ctrl + Shift + D		Working Directo	ory: D:\ETNA\VideoW	/all\WorkSpace		
Scene Function Hotkey Value Play Ctrl + Shift + P First Ctrl + Shift + Up Prev Ctrl + Shift + Left Next Ctrl + Shift + Right Last Ctrl + Shift + Down Exit Ctrl + Shift + E Demo Ctrl + Shift + D	Н	otkev Setting				
Play Ctrl + Shift + P First Ctrl + Shift + Up Prev Ctrl + Shift + Left Next Ctrl + Shift + Right Last Ctrl + Shift + Down Exit Ctrl + Shift + E Demo Ctrl + Shift + D			Hotkey Value			•
First Ctrl + Shift + Up Prev Ctrl + Shift + Left Next Ctrl + Shift + Right Last Ctrl + Shift + Down Exit Ctrl + Shift + E Demo Ctrl + Shift + D	Y					
Next Ctrl + Shift + Right Last Ctrl + Shift + Down Exit Ctrl + Shift + E Demo Ctrl + Shift + D			Ctrl + Shift + Up			
Last Ctrl + Shift + Down Exit Ctrl + Shift + E Demo Ctrl + Shift + D	н.	Prev	Ctrl + Shift + Left			
Exit Ctrl + Shift + E Demo Ctrl + Shift + D	н.	Next	Ctrl + Shift + Right			
Demo Ctrl + Shift + D		Last	Ctrl + Shift + Down			
		Exit	Ctrl + Shift + E			
	н.	Demo	Ctrl + Shift + D			~
確定 取消 查田(Δ)						
確定 取消 套用(A)						
				確定	取消	套用(<u>A</u>)

Item	Name	Description	
1	Hotkey Setting	Configure keyboard shortcuts for functions	
2 Display Configure the VideoWall display		Configure the VideoWall display	
3	Media	Detect/Configure the media support list	
4	Option	Set the environment parameters	
5	License	Description of the version information and its features	



2.2 Configuring Hotkey Settings

We offer various functions where users can use for playing content, ranging from switching from Normal Mode to Demo Mode, to shifting between scenes.

By default, there are predefined hotkeys which can also be customized by users.

The following are common used functions: CTRL+SHIFT+P: Play all Scenes CTRL+SHIFT+E: Exit all Scenes CTRL+SHIFT+Right: Play next Scenes CTRL+SHIFT+D: Demo mode, auto play all Scenes by timer setting

To customize a keyboard shortcut, double click on **Scene Function** to open the edit dialogue. Press your hotkey and click the **OK** button.

Scene Function	Hotkey Value	^
Play	Ctrl + Shift + P	
First	Hotkey Setting X	
Prev		
Next		
Last	Please press your hotkey with Shift, Ctrl, or Alt.	
Exit		~
	Hotkey: Ctrl + Shift + P	
		套用(A)



2.3 Configuring the Displays

Utility can automatically detect and display the monitors currently connected, as well as the resolution and XY coordinates of each monitor.

Before using this function, please make sure all your panels are connected. Use the display setting function to arrange the panels layout.

1. To set a monitor as a display, right-click the monitor in the **Display Name** list, and select the resolution that will be used for displaying contents.

VideoWall Utility: Pr	ofessional Edition	×
Display Configure the Video	Wall Display.	
VideoWall Displa		
Display Nam	ne Coordinate Width x Ac	
Set as VideoWall Display >	Default Resolution	
Reflash Display List	1920 x 1080	
Reset All	1680 x 1050	
	1600 x 900	
	1440 x 900	
Current Setting	1400 x 1050 1366 x 768	
Name:	1360 x 768	
Coordinate:	1280 x 1024 1280 x 960	
Resolution:	1280 x 800 Reset	
	1280 x 768	
	1280 x 720 確定 取消 套用(A)	
	1280 x 600	
	1152 x 864	
	1024 x 768	



2. Click the **Reset** button to redetect and display the monitors currently connected, as well as the resolution and XY coordinates of each monitor.

VideoV	Vall Utility: Profession	nal Edition					×
	Display Configure the VideoWall Displ	ay.					
	Display Media Op leoWall Display	tion License					
	Display Name \\.\DISPLAY1	Coordinate (0 , 0)	Width x 1920 x 1	Ac *			
	Coordinate: (0 , (Reset	
	Resolution: 1920) x 1080		確定	取消	套用(A	<u>A</u>)



2.4 Viewing the Media Support List

The Media tab displays a list of media type supported.

Click the **Detection** button to redetect the media type.

Media Support will depend on its version.

	Media Detect/Configure the media su e Display Media Opt			
M	edia Support			
	Media Format	Supported		^
	Picture (BMP, JPG,	Yes		
	Music (WAV, MP3)	Yes		
	Video Playback	Yes		
	Chrome Browser	Yes		
	Adobe PDF	Yes		
	Microsoft Edge Br	Yes		
	Remote Desktop P	Yes		
	Usb Capture Card	Yes. 0 device(s) support		
	O365 PowerPoint	Yes		
	O365 Word	Yes		~
	00055			
			Det	ection



2.5 Additional Playback and Startup Options

The option tab provides additional playing and launch options that can be enabled during play mode and startup.

Click the **Set as Default** button to return to default options.

The Web Service will offer the Restful API for customers to remotely control the specific scenes by name, or to Play, Next, Exit,...etc. The launch options offer two options:

- 1. Auto launch when logged in to the system.
- 2. Auto enter into the demo mode when logged in to the system.

VideoWall Utility: Professional Edition
Option Set the VideoWall Environment parameters.
Scene Display Media Option License
Web Service
Enable Web Service
Service Port: 10000
Security Token: 12345678
Launch Options
Auto Launch when login system.
Auto Enter the Demo Mode when login system.
Set as Default
確定 取消 套用(A)



2.6 License Operations

The license tab has been provided for users to enter the license key. The license key can be reused for hardware replacements. There are four versions, community is free to use when registered. For product details of each version, please view our website (www.aiotcloud.dev).

1. Click the **License** button to open the edit dialogue. Click the **OK** button to enable license.

VideoWall Utility: Professional E	dition	×
License Descript the version information and	its features.	
Scene Display Media Option	License	
Version Information		
Edition Professional	Email:	
Version:	S/N:	
Product details		
Max Scenes:	60	
Max Area per Scense:	32	
Expiration:	Unlimited.	
License	Release License Login Passwo	rd
	確定取消	套用(<u>A</u>)

2. Click the **Login Password** button to open the edit dialogue. Click the **OK** button to update the login password.



2.7 Web Service

We provide a simple http server which can allow users to send the restful api to control Scene functions. Check the "Enable Web Service" in the options tab page to enable this feature. There are two items: Service Port and Security Token Service Port: Allows users to configure restful port number. Security Token: Can select manual input or press "..." for auto generate.



Note: Other programs and firewall add in-bound rule must not be used for this port.

VideoWall Utility: Professional Edition	\times
Option Set the VideoWall Environment parameters.	
Scene Display Media Option License	
Web Service	1
Enable Web Service	
Service Port: 10000	
Security Token: 12345678	
Launch Options	
Auto Launch when login system.	
Auto Enter the Demo Mode when login system.	
Set as Default	
74	
確定 取消 套用(A)	

You can then use "Remote Controller" from Microsoft START to test the Web Service functions.



VideoWall Remo	ote Controller	×
VideoWall Settings		
VideoWall IP:	127.0.0.1	
Service Port:	10000	
Service Token:	12345678]
Remote Controller		
Command:	PLAY ~	
Parameter:	PLAY FIRST PREV	Send
Status:	NEXT	
	EXIT]
	DEMO MEDIA_PLAY	
	MEDIA_MUTE N_PAGE	,
	NAME_PAGE RELOAD	
	HTTP_CFG FILE_CFG	



The restful api format:

header : VW_Token:{security token}

GET : http://{the VideoWall ip}:port/VW_SERVICE?VW_ CMD={VW_CMD}

or

http://{the VideoWall ip}:port/VW_SERVICE?VW_ CMD={VW_CMD}&VW_PARAM={VM_PARAM}

Sample: "To show page 1"

VideoWall ip : 10.15.1.85 port : 10000

security token : 12345678

The restful

header = {"VW_Token" : "12345678"} GET: http://10.15.1.85:10000/VW_SERVICE?VW_ CMD=N_PAGE&VW_PARAM=0

VW_CMD	VM_PARAM	Note
PLAY	none	
FIRST	none	
PREV	none	
NEXT	none	
LAST	none	
EXIT	none	
DEMO	none	
MEDIA_PLAY	none	
MEDIA_MUTE	none	
N_PAGE	the page number	from 0 start to (max. number of page - 1)
NAME_PAGE	the page name	
RELOAD	none	
HTTP_CFG	the web CFG file	format http://
FILE_CFG	the local CFG file	format file://



CHAPTER 3: USING EDITOR

3.1 Introduction

The Editor allows users to design the presentation for Utility. This handy tool gives users the freedom and flexibility to add, modify and classify different types of rich media files, from pictures, video files, web to presentation.

- Select and add content (play item) from content list to specific zones
- Support 100 scenes and up to 64 zones in each scene
- Support both Default Layout Templates and User Defined Templates
- Intuitive UI for central management and easy operation
- Save the configuration file in XML format



3.2 Main Features

The Editor is used to provide a friendly user interface to design the presentation scenes and material management. It allows the user to manage content files and design presentations. It consists of 5 items: Main Area/Media/Scene Style/Scene Property/ Contents (of each Scene). (As shown in the following: Chart-1).

Chart-1:

#	Item	Description
1	Media	Managing content files, used to add new media files, web URL or manage the content files previously created.
2	Scene Style	To add new style into Scene, currently, we have Style01 and Style02. Design presentation or manage the design presentation previously created.
3	Scene Property	To set Scene Name and Timer. You can also view each content details and edit the order of the Scenes.
4	Contents (of each Scene)	To view details of all the content.

3.3 Start Editor

The Editor is at Microsoft Start menu, please launch from Microsoft START.



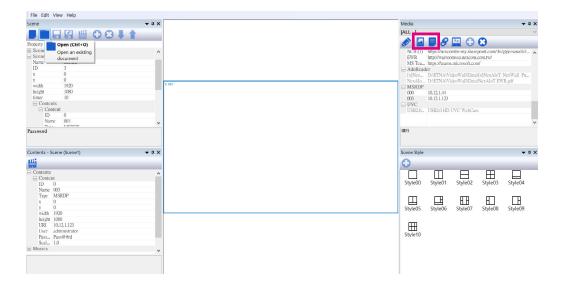
CHAPTER 4: CREATING A PRESENTATION

Before presentation creation, please do a script, collecting the available contents, design the number of Scenes and the number of zones in each Scene. Due to the different resolutions of image and video contents, the required zone must meet the resolution. Moreover, the order of Scenes are also crucial in making a good presentation.

4.1 Manage Content Operations

In this version, the supported media format consists of: images, video, PDF, Chrome, Microsoft Edge, MS RDP, etc., please check the "Media" tab for more details. (Note: the media supported varies with version).

Move to the Media window to add new content files or manage the content files previously created.



4.1.1 Add Content from your local storage

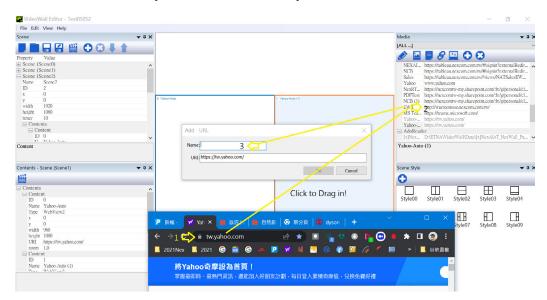
- 1. Click "Add media files' icon at the top right of the page.
- 2. Select any multimedia content file (images, video and PDF) from your local storage.

4.1.2 Add URL link

Add - URL	×
Name:	
URI:	
	OK Cancel

- 1. Click "Add Link' icon at the top of the page.
- 2. Enter name. (ex: The name you can remember for the link)
- 3. Enter the URL link. (ex: www.nexcom.com.tw)
- 4. Click OK to add the link.

Note: You can add a new URL by clicking "Chrome" or "Edge" website link and drag it into Editor "Media" area, it will fill the URI automatically, then you fill the "Name". this is another way to add a URL link if you don't want to key-in the URL manually.





4.1.3 Add MSRDP

Add - Microsoft Remote Desktop	×
Name:	
URI:	
	OK Cancel

- 1. Click "Add MSRDP' icon at the top of the page.
- 2. Enter name. (ex: The name you can remember for the link)
- 3. Click **OK** to add the link.

4.1.4 Add MS Office file link

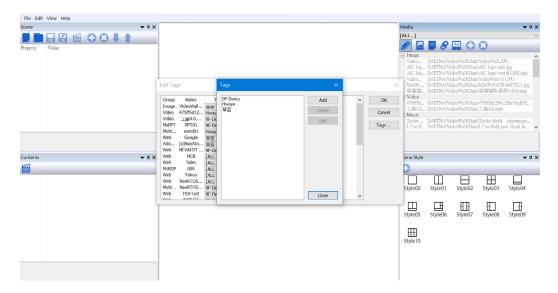
- 1. Click "MS Office file link" icon at the top of the page.
- 2. Select the file type: MSPPT/PSWord/MSExcel.
- 3. Input the name.
- 4. Input the link of the shared file in one-drive.

Add - Microsoft Office	×
Type: MsPPT MsPPT Name: MsWord MsExcel URI:	
ora.	OK Cancel

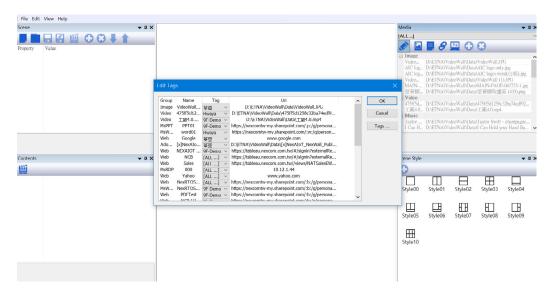


4.1.5 Add Tag for Media files

- 1. Press "edit tags" in upper right "Media" window
- 2. Go to "Tags..." to define your Tags by add/Delete and Edit.

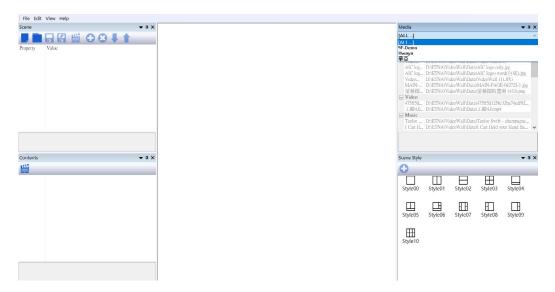


3. In Edit Tags windows, use drop down list to set the tag for media file.





4. In Media window, Drop down and select Tag to show medias with selected tag.





4.1.5 Delete Content Files

tene	▼ # ×	Media	
		[ALL]	
perty Value	_	🔊 🖬	8 🖬
Scene (Scene1)			
Scene (Scene2)	^	NCB (I EWR	 https://nexcomtw-my. http://warroomsso.net
Name Scene2			http://warroomsso.nex
ID 3		AdoRe	
x 0			. D:\ETNA\VideoWal
y 0		[X]DCX.	D:\ETNA\VideoWa
width 1920	0.003	MSRD	DARTINAWIGCOWI D
height 1080		⊟ MSRD 000	10.12.1.44
timer 10		000	10.12.1.44
Contents			10.12.1.125
Contents			USB2.0 HD UVC We
ID 0		05820	Uadzo rid UVC we
Name 003			
Ture MCDDD	~		
ssword	~ 1 ¥	003 Crana Std	•
ssword intents - Scene (Scene1)	≁ ‡ ×	Scene Styl	e
ssword ntents - Scene (Scene1)	~ ¤ ×		e
ntents - Scene (Scene1)	- # X	Scene Styl	
sword Itents - Scene (Scene1) Contents Contents Content	→ # ×	Scene Style	
ssword Intents - Scene (Scene1) Contents Content D 0 0	- # ×	Scene Styl	III E
ssword Tents - Scene (Scenet) Contents Content ID 0 Name 003	• a x	Scene Style	
sword ntents - Scene (Scene1) Contents Contents D0 0 Name 003 Type MSRDP	- a x	Scene Style	Style01 Style
ssword Intents - Scene (Scene 1) Controls Controls Date 0 Name 003 Type MSROP x 0	+ a ×	Scene Syl	Style01 Style
several antents - Scene (Scenet) Contents Contents D Content D Content SCO SSIDP X y 0 Content	- a x	Scene Style	Style01 Style0
sseered intents - Scene (Scene 1) Contents Contents Contents Neure 0 NSROP x 0 NSROP x 0 y 0 y 0 y 0 y 0 y 0 y 0 y 0 y 0 y 0	• a ×	Scene Syl	Style01 Style0
sseend intents - Scene (Scene 1) Contents Contents D 0 Content Name 0 Type MSRDP x 0 Fype MSRDP bidth 1080	• 5 X	Scene 3yl Style00	Style01 Style0
sword Intents - Scene (Scene 1) Contents Content Content ID 0 0 Type MSRDP 5 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	• a x	Scene Syl	Style01 Style
asword Iterits - Scene (Scenet) Contents Contents D 0 0 Content D 0 0 Stance 003 Type MSRDP x 0 0 7 tith 030 Content 1080 0 CR8 1020 CR8 1020 CR8 1022 CR8 102 CR8	• 8 ×	Scene Style Styleon Styleon	Style01 Style Style06 Style
sword ntents - Scene (Scene 1) Contents Content ID 0 ID 0 ID	• 0 x	Scene 3yl Style00	Style01 Style0 Style06 Style0
asword 33 Contents Contents D 0 Name 003 Type MSRDP x 0 y 0 Validh 1920 Weith 1920 USer administrator Pass= Passe% field Scal= 10	• 8 ×	Scene Style Styleon Styleon	Style01 Style0 Style06 Style0
sword intents - Scene (Scene 1) Contents Content ID 0 0 Type MSRDP 5 0 0 Type MSRDP 5 0 0 With 1920 beight 1980 URH 1021.122 User administrater Past_Pass Beight	• 0 x	Scene Style Styleon Styleon	Style01 Style0 Style06 Style0

- 1. Click the content files to be deleted.
- 2. Click " \mathbf{x} " icon to delete these files.



4.2 Design Presentation Operations

4.2.1 Creating a New Presentation

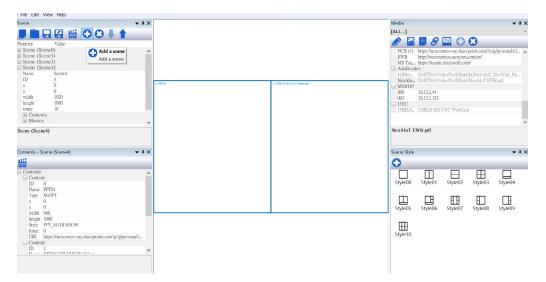
1. Select "New"

New X	
Project: Test0329	
Position	
X: 0 Y: 0	
Resolution	
Width: 1920 Height: 1080	
Directory	
D:\ETNA\VideoWall\WorkSpace	
Broswer	
Demo Time: 0 sec(s)	
OK Cancel	

2. Enter Project Name, Position, Resolution, Directory, Demo time and then click **OK**. Project name will be a folder and a XML, we save XML file and all media files into this folder.



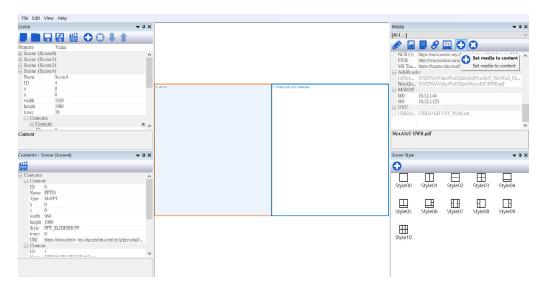
3. Create a new Scene by clicking "+" button, then move it to the middle window. Next, click it to make it active.



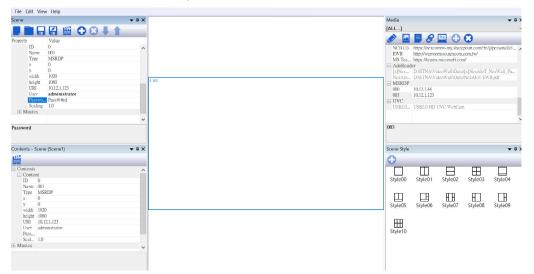
4. Design the zones for each Scene. Go to the lower right of the "Scene Style" window, select "Style01" or "Style02." Next, click the Add "+" button to design the zones. This operation can be left on to design required zones for the target Scene.



5. Click the target zone, move to the upper right Media and select the content. Click it and press "+" to add it to the selected zone.



 The bottom left is the Content of each Scene (Content -Scene(name)), displaying the Content ID, type, x,y, width, height and URL. (Some includes parameters information)





7. The upper left window displays the Scene properties. All Scenes will be listed here, order adjustments can be done through the use of the up and down key.

tene	▼ 4 ×		Media		
			[ALL]		
operty Value				8 🖂 🕻	30
Scene (Scene 1)				nttps://nexcomtw-my.s	
Scene (Scene2)				http://warroomsso.nex/	
Name Scene2			MS Team h	ittps://teams.microsof	Lcom/
ID 3			AdoRcade		
x 0			[x]Nex I	D:\ETNAWideoWallV	DataMx1NexAIo
у 0	0.003		NexAlo I	D:\ETNAWideoWall\	Data/NexAIoT I
width 1920	0.003		⊟ MSRDP		
height 1080				10.12.1.44	
timer 10				10.12.1.123	
Contents Content			🖃 UVC		
ID 0			USB2.0 U	JSB2.0 HD UVC Wel	Cam
Name 003					
Trance 000 Trans MCDDDD	~				
	- a x		003 Scene Style		
intents - Scene (Scene1)	~ # ×		Scene Style		
intents - Scene (Scene1)	→ ¤ ×		Scene Style		
ontents - Scene (Scene1)					
ntents - Scene (Scene1)	→ # ×		Scene Style		
ontents - Scene (Scene1)			Scene Style	style01 Style0	
ntents - Scene (Scene1) 11 Contents Content ID 0 Name 005			Scene Style		
Contents - Scene (Scene 1) Contents Content ID 0 Name 003 Type MSRDP			Scene Style	Style01 Style0	2 Style03
ontents - Scene (Scenel) Contents Contents D 0 Name 003 Type MSROP x 0			Scene Style		2 Style03
Name 003 Type MSRDP x 0 y 0			Scene Style	Style01 Style0	12 Style03
antents - Scene (Scenet) Contents Content D D 0 0 Name 00 Type MSRDP t 0 wish 1920			Scene Style	Style01 Style0	12 Style03
ontents - Scene (Scene 1) 11 12 12 12 12 12 12 12 12 12			Scene Style	Style01 Style0	12 Style03
Contents - Scene (Scene 1) Contents Contents Do contont Du 0 Name 003 Type MSRDP x 0 yeth 1020 bidim 1080 URI 1021.123			Scene Style	Style01 Style0	12 Style03
ntents - Scene (Scene I) Contents Contents D Content D Content			Scene Style	Style01 Style0	12 Style03
Contents - Scene (Scene 1) Contents Outerats Outerats Do 0 Name 003 Type MSRDP x 0 v(dt) 100 v(dt) 1		 	Scene Style Scene Style Style00 Style05	Style01 Style0	12 Style03
ontents - Scene (Scene 1)			Scene Style Scene Style Style00 Style05	Style01 Style0	12 Style03

- 8. When all the designs are complete, click "Save."
- 9. After saving the project file, a notification asking whether to apply the Scene Config. file to VideoWall Utility will appear. Click "OK," to automatically run the VideoWall Utility.
- 10. Enter VideoWall Utility login, the default password is "0000." (can be changed after login)



11. Editor will auto load config. file and directory. To load other XML file and other directory, please click and select "Scene Config" and "Working Directory" to your own config. file and directory.

VideoWall Utility: Professional Edition					
	cene Configure the VideoWall s	scene.			
Scene	Display Media	Option License			
Sce	ne Setting				
	Scene Config:	T0401.xml			
	Working Directo	ory: D:\ETNA\VideoW	/all\WorkSpace		
Hot	key Setting				
	Scene Function	Hotkey Value			^
	Play	Ctrl + Shift + P			
	First	Ctrl + Shift + Up			
	Prev	Ctrl + Shift + Left			
	Next	Ctrl + Shift + Right			
	Last	Ctrl + Shift + Down			
	Exit	Ctrl + Shift + E			
	Demo	Ctrl + Shift + D			~
			確定	取消	套用(<u>A</u>)



CHAPTER 5: MEDIA REFERENCE SAMPLE

5.1 Microsoft Office files

Microsoft Office files include Word, Excel and PowerPoint. When preparing the content, please make sure to have Microsoft O365. Follow the following steps to share the file, take PPT for instance:

- 1. Open the PPT file
- 2. Select the "File"
- 3. Click "Share"
- 4. Select the target OneDrive
- 5. Copy the link
- 6. Paste the link to VideoWall Editor "Media," type: MSPPT, set timer and Normal/Slideshow

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命 常用	◇ 新増		
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資訊			
儲存檔案	空白簡報	nexaiot	3D 浮動設計
儲存檔案 另存新檔	空白簡報	nexaiot	3D 浮動設計
	空白商報	nexaiot	3D 浮動設計
另存新檔			3D 浮動設計



共用	×
請上傳您的簡報以進行共用。	
OneDrive -	
OneDrive 登入	
改為附加複本	
PowerPoint PDF	
簡報	×
傳送連結 ^{簡報.pptx}	
擁有連結的任何人都可以編輯 目 >	
收件者: 名稱、群組或電子郵件 	
4	傳送
複製連結	
⊕ 擁有連結的任何人都可以編輯 □ >	複製
傳送複本 🏏	
	×
已複製「簡報.pptx」的連結	
https://nexcomtw-my.sharepoint.com/:p:/g/personal/	複製
⊕ 擁有連結的任何人都可以編輯 □ >	



5.2 Microsoft Remote Desktop

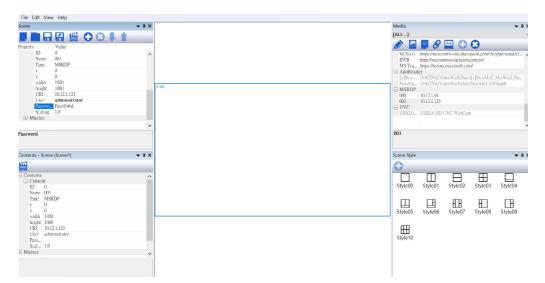
Some old applications or close system are unable to be accessed by Chrome browser or Microsoft Edge. Thus, we offer a MSRDP for customers to reserve a zone for it. Please follow the following steps to set it up:

- 1. Go to the target PC, system setting page
- 2. Enable the "Remote Assistance" and "Remote Desktop"
- 3. Keep the computer full name,
 - (e.g: "A123-PC.abc.com," or "IP: 10.12..1.100")
- 4. Paste the full name to VideoWall Editor "Media," type: MSRDP, give ID/password

System Propertie	s			×		
Computer Name	Hardware	Advanced	System Protection	Remote		
Remote Assista	ote Assistanc			dvanced		
Remote Deskt		n specify who	o can connect.			
Don't allow remote connections to this computer Allow remote connections to this computer						
			outers running Rem nentication (recomm			
Help me choos	<u>se</u>		Se	elect Users		
		OK	Cancel	Apply		



5. In Editor, please to go Scene/Content, input login ID/password to log in to remote desktop PC when connection is established.





5.3 Exor JMobile

JMobile is an excellent solution for HMI, compact SCADA, and visualization gateway for the design of HMI applications in a simple and intuitive way. There are two methods to use JMobile Dashboard on AIC VideoWall. First, is by using URL, the other, is to connect to the JMobile Server PC through utilizing MSRDP.

Each JMobile server have 4 connection URL. (Max is 10, depending on the capability of the server)

When using MSRDP, the JMobile server must use the same display setting as each zone of the Scene. (Ex: JMobile server is 1920x1080, so the zone should have the same), if not, you will see scroll bars.

5.4 HDMI to USB Video Capture Module Setup

When using HDMI to USB video capture recorder, please plug it into AIC VideoWall player USB port (ex: NISE70). Next, use AIC VideoWall Editor to add it into Media source. One capture module only can be used in one zone of Scene. Using an USB camera will also work.

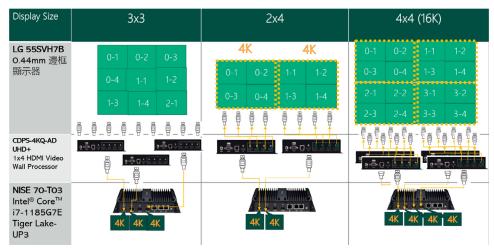
The hardware we suggest is CUSB-V605H UHD+ HDMI to USB Video Capture with PIP by CYPRESS TECHNOLOGY. It can be used to connect notebook or Apple TV.



CHAPTER 6: APPENDIX

6.1 Player Hardware

We recommend NexAloT Co., Ltd. NISE70 as the player hardware. It is an Intel[®] CoreTM i7-1185G7E Tiger Lake-UP3 processor system with 4 x HDMI ports. If more HDMI ports are needed, it is possible to add 1x4 HDMI Video Wall Processor (CDPS-4KQ-AD UHD+) to extend it to 3x3, 2x4, 4x4.



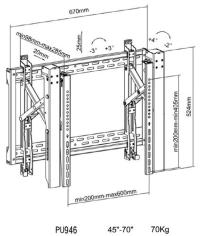


6.2 TV Wall Panels and Setup

There are many TV wall panel vendors, however, for best experience, we recommend 55" with slim bezel. Thus far, we have tested LG/ Philip and AUO. Furthermore, installing a TV wall mount is also crucial, we suggest selecting PLB-3246 to mount the TV wall. Please contact your system integrator for more details.









6.3 Android PAD Setup

There are various methods to control the Scenes switch, one of which is PAD. We offer a custom Android APK with some NRE charge. Customers are to offer the background image and the required ICONs, while we customize the APK. Android PAD can either be 10" or 8". The following is a sample:



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