

# WISE-PaaS/SignageCMS Training Guide

V1.8.2

Janice

# Introduction

## Information

## Interactive

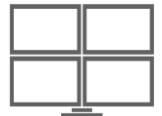
## Mobility



Digital Signage Network



Live Contents Broadcast



Video Wall



Interactive KIOSK



Dynamic DS - Shopper



Dynamic DS - Product

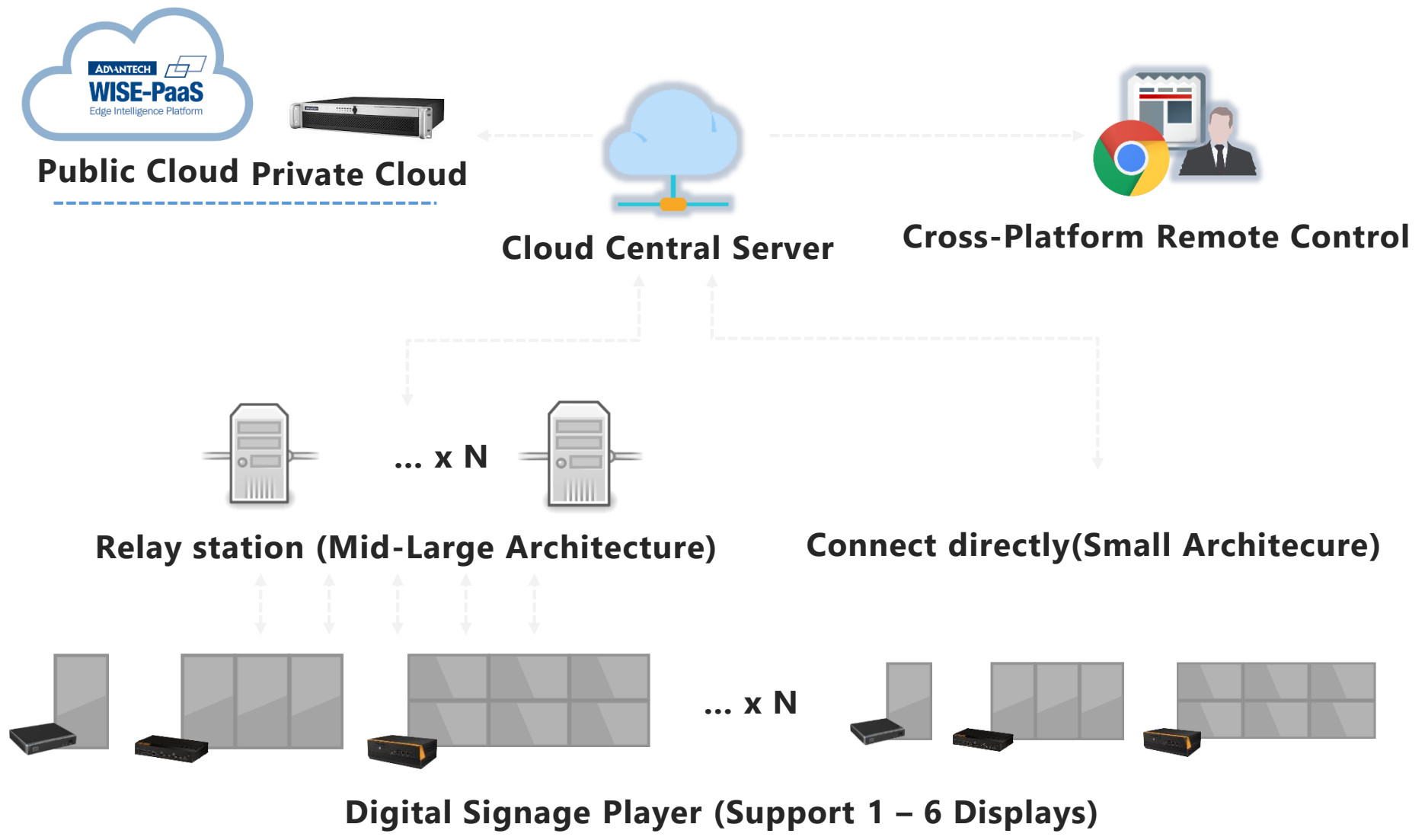


Customer Feedback Survey



Mobile Interaction

# System Architecture



# System Requirement

## ■ IMM 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

## ■ IMM 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



# Chapter 1 Installation

# Contents

- [Section I Server Installation](#)
- [Section II Client Installation](#)
- [Section III Basic Settings](#)

# I. Server Installation

## Step 1 Turn off IIS Admin Service

The screenshot illustrates the process of disabling the IIS Admin Service in Windows. It is divided into four numbered steps:

- 1**: In the Control Panel, click on **Administrative Tools**.
- 2**: In the Administrative Tools window, click on **Services**.
- 3**: In the Services console, locate **IIS Admin Service** in the list.
- 4**: Right-click on **IIS Admin Service** and select **Properties**. In the **IIS Admin Service Properties** dialog box, set the **Startup type** to **Disabled**.

Name	Description	Status	Startup Type
Distributed Transaction Coordinator	Coordinates...	Started	Manual
DNS Client	The DNS Cli...	Started	Automatic
Encrypting File System (EFS)	Provides th...	Started	Manual
Extensible Authentication Protocol	The Extensi...	Started	Manual
Fax	Enables you...	Started	Manual
Function Discovery Provider Host	The FDPHO...	Started	Manual
Function Discovery Resource Publication	Publishes th...	Started	Manual
Group Policy Client	The service ...	Started	Automatic
Health Key and Certificate Management	Provides X.S...	Started	Manual
HomeGroup Listener	Makes local...	Started	Manual
HomeGroup Provider	Performs ne...	Started	Manual
Human Interface Device Access	Enables gen...	Started	Manual
IIS Admin Service	Enables this...	Stopped	Disabled
Internet Information Services (IIS) 6.0 Management Console	Enables this...	Started	Automatic
Internet Information Services (IIS) Manager	The IIS metab...	Started	Automatic
iSCSI Initiator	Enables thi...	Started	Automatic
Local Security Policy	Enables thi...	Started	Automatic
Performance Monitor	Enables thi...	Started	Automatic
Print Management	Enables thi...	Started	Automatic
Scan Management	Enables thi...	Started	Automatic
Services for Network File System (NFS)	Enables thi...	Started	Automatic
System Configuration	Enables thi...	Started	Automatic
Task Scheduler	Enables thi...	Started	Automatic
Windows Firewall with Advanced Security	Enables thi...	Started	Automatic
Windows Memory Diagnostic	Enables thi...	Started	Automatic
Windows PowerShell Modules	Enables thi...	Started	Automatic
Mosquitto Broker	MQTT v3.1 ...	Started	Automatic
Multimedia Class Scheduler	Enables rela...	Started	Automatic
Net.Msmq Listener Adapter	Receives act...	Started	Automatic
Net.Pipe Listener Adapter	Receives act...	Started	Automatic
Net.Tcp Listener Adapter	Receives act...	Started	Automatic
Net.Tcp Port Sharing Service	Provides abi...	Started	Manual

# I. Server Installation

Step 2 Open firewall port 80, 1883, 16992 or turn off firewall

The screenshot shows the Windows Firewall control panel. The breadcrumb path is highlighted: Control Panel > System and Security > Windows Firewall. The left sidebar has 'Advanced settings' highlighted with a red box. The main window shows 'Update your Firewall settings' and a list of 'Inbound Rules'. A 'New Inbound Rule Wizard' window is open, showing the 'Rule Type' step where 'Port' is selected.

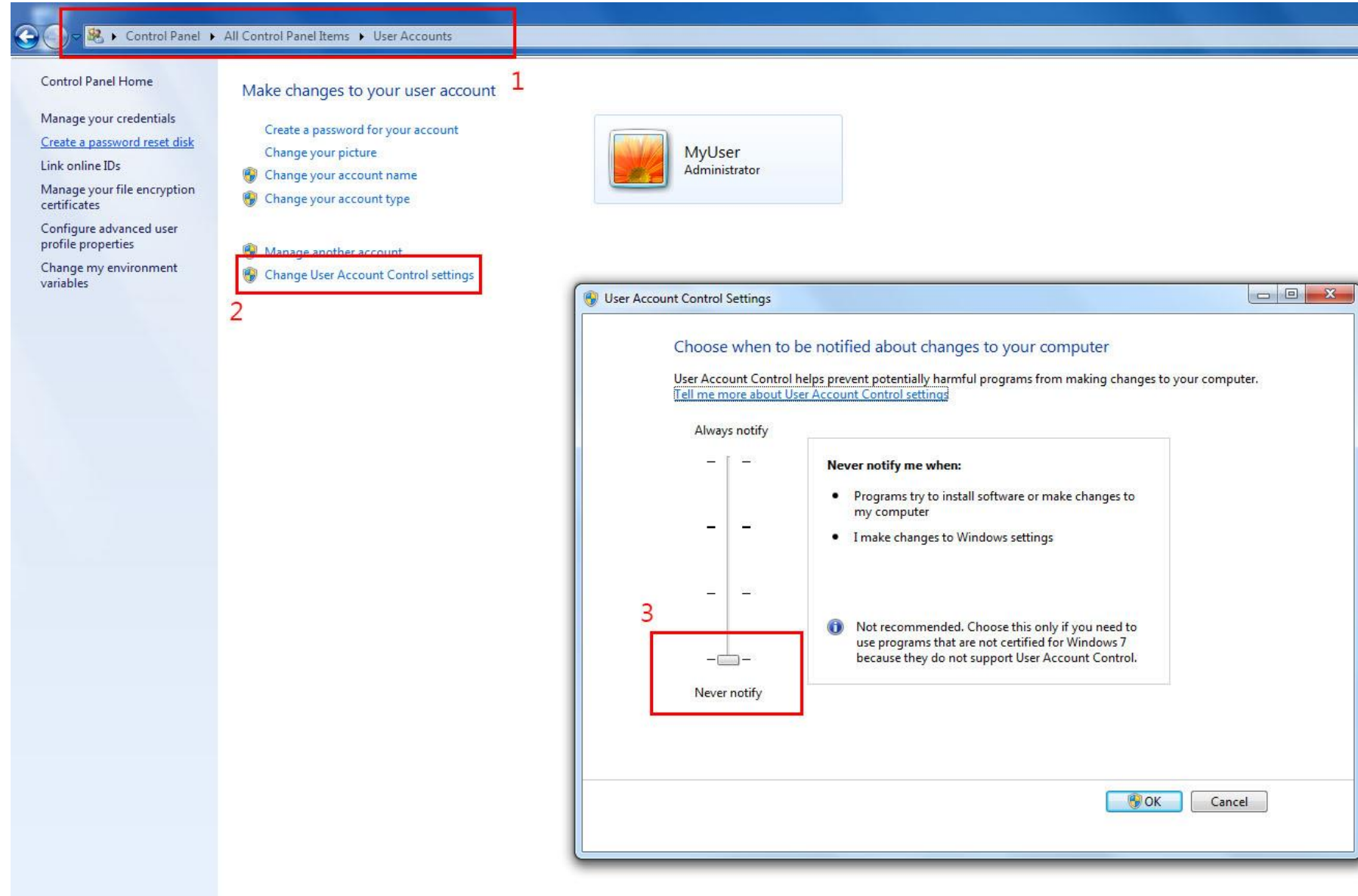
This screenshot shows the 'Protocol and Ports' step of the 'New Inbound Rule Wizard'. It asks 'Does this rule apply to TCP or UDP?' with 'TCP' selected. It also asks 'Does this rule apply to all local ports or specific local ports?' with 'Specific local ports' selected and the text '80,1883,16992' entered in the input field.

This screenshot shows the 'Action' step of the 'New Inbound Rule Wizard'. It asks 'What action should be taken when a connection matches the specified conditions?' with 'Allow the connection' selected.

This screenshot shows the 'Profile' step of the 'New Inbound Rule Wizard'. It asks 'When does this rule apply?' and has 'Domain', 'Private', and 'Public' profiles checked.

# I. Server Installation

## Step 3 User Account Control Settings to Never notify



The screenshot shows the Windows 7 Control Panel, specifically the User Accounts section. The address bar at the top is highlighted with a red box and labeled '1'. The main content area is titled 'Make changes to your user account' and lists several options. The option 'Change User Account Control settings' is highlighted with a red box and labeled '2'. A separate window titled 'User Account Control Settings' is overlaid on the right. This window has a slider control for 'Choose when to be notified about changes to your computer'. The slider is moved to the 'Never notify' position, which is highlighted with a red box and labeled '3'. The 'Never notify me when:' section lists two items: 'Programs try to install software or make changes to my computer' and 'I make changes to Windows settings'. An information icon indicates that this setting is 'Not recommended'.

Control Panel Home

Manage your credentials  
[Create a password reset disk](#)

Link online IDs

Manage your file encryption certificates

Configure advanced user profile properties

Change my environment variables

Make changes to your user account **1**

Create a password for your account

Change your picture

Change your account name

Change your account type

Manage another account

Change User Account Control settings **2**

MyUser Administrator

User Account Control Settings

Choose when to be notified about changes to your computer

User Account Control helps prevent potentially harmful programs from making changes to your computer.  
[Tell me more about User Account Control settings](#)

Always notify

Never notify **3**

**Never notify me when:**

- Programs try to install software or make changes to my computer
- I make changes to Windows settings

**i** Not recommended. Choose this only if you need to use programs that are not certified for Windows 7 because they do not support User Account Control.

OK Cancel

# I. Server Installation

Step 4 Confirm the system time zone and  
turn off the daylight saving time

Step 5 Make sure there is no software conflict:  
Apache HTTP Server, Port 80, PostgreSQL

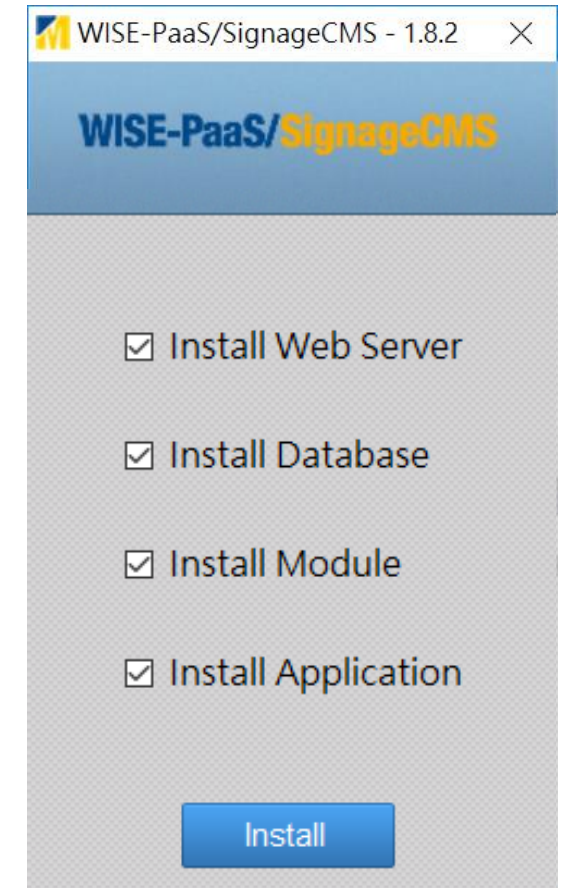
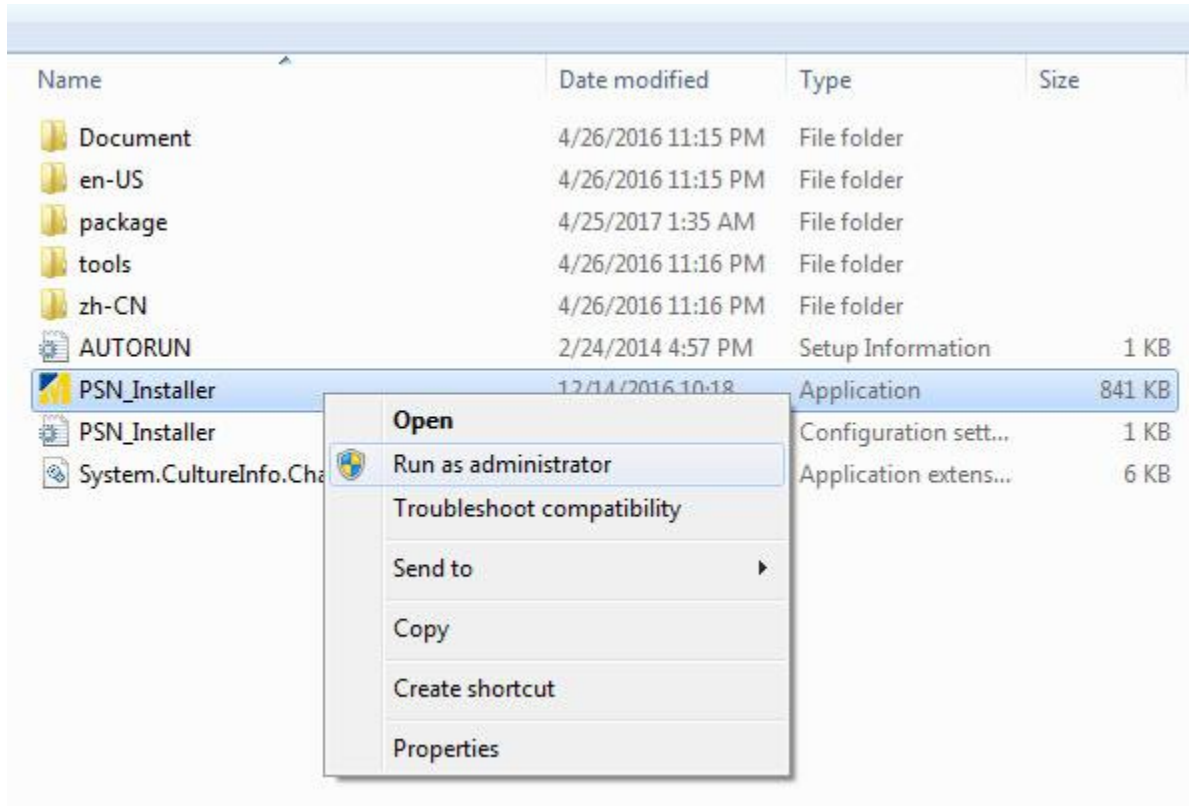
The screenshot shows the Windows Settings application. On the left, the 'Date & time' category is selected. The main pane displays the following settings:

- Date and time**
  - 9:16 PM, Thursday, March 15, 2018
  - Set time automatically:  On
  - Set time zone automatically:  Off
  - Change date and time:
  - Time zone: (UTC-08:00) Pacific Time (US & Canada)
  - Adjust for daylight saving time automatically:  Off (highlighted with a red box)
- Formats**
  - First day of week: Sunday
  - Short date: 3/16/2018
  - Long date: Friday, March 16, 2018
  - Short time: 12:16 PM

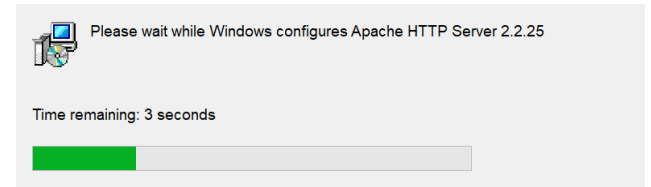


# I. Server Installation

## Step 6 Installation

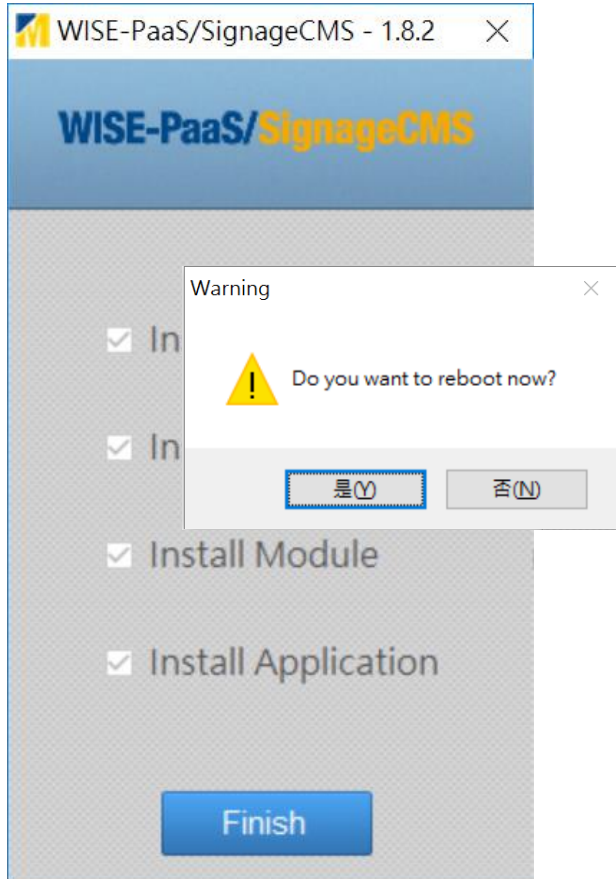


Apache HTTP Server 2.2

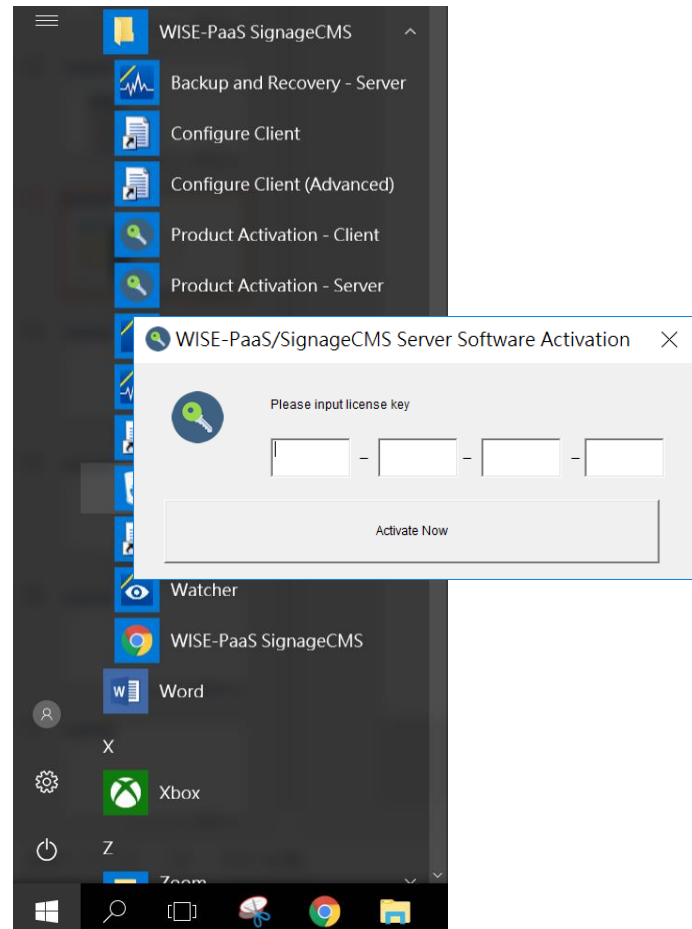


# I. Server Installation

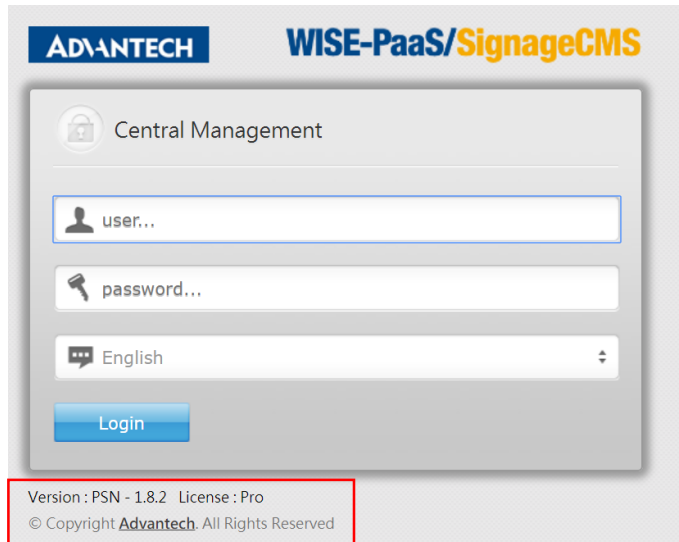
Step 7 Reboot



Step 8 Enable Software Online



Step 9 Make sure Installation success  
127.0.0.1/psn





# II. Client Installation

Step 1 Open firewall port 8083, 8085 or turn off firewall

The screenshot shows the Windows Firewall control panel. The breadcrumb path is highlighted: Control Panel > System and Security > Windows Firewall. The 'Advanced settings' link is highlighted in red. The 'Inbound Rules' link is also highlighted in red. The 'New Inbound Rule Wizard' window is open, showing the 'Rule Type' step where 'Port' is selected.

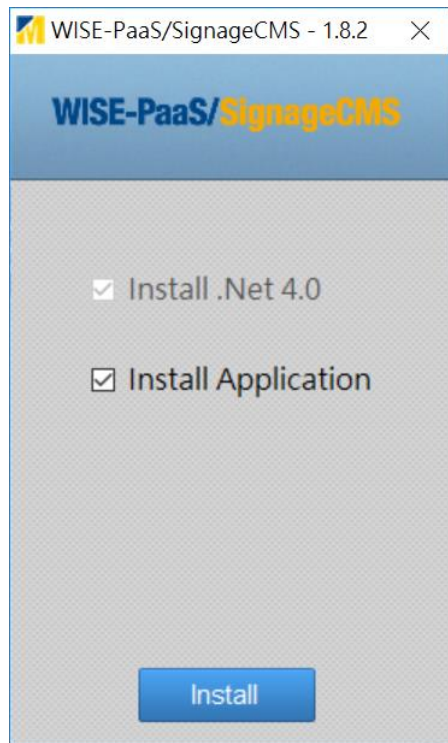
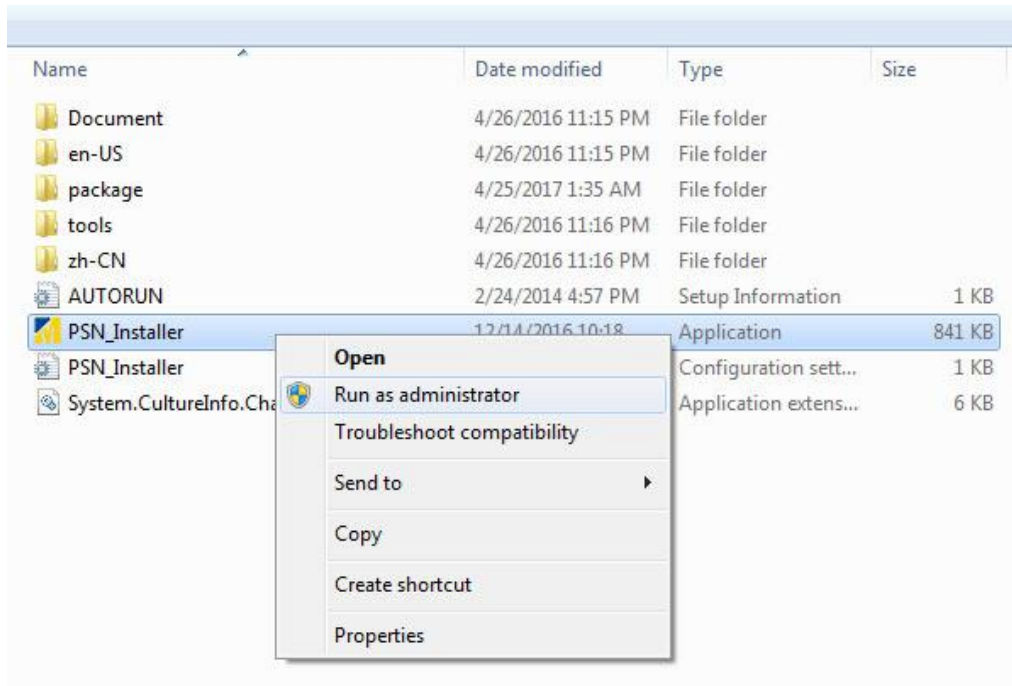
This screenshot shows the 'Protocol and Ports' step of the wizard. The 'Does this rule apply to TCP or UDP?' question has 'TCP' selected. The 'Does this rule apply to all local ports or specific local ports?' question has 'Specific local ports' selected, with '8083,8085' entered in the text box.

This screenshot shows the 'Action' step of the wizard. The question 'What action should be taken when a connection matches the specified conditions?' has 'Allow the connection' selected.

This screenshot shows the 'Profile' step of the wizard. The question 'When does this rule apply?' has 'Domain', 'Private', and 'Public' profiles selected.

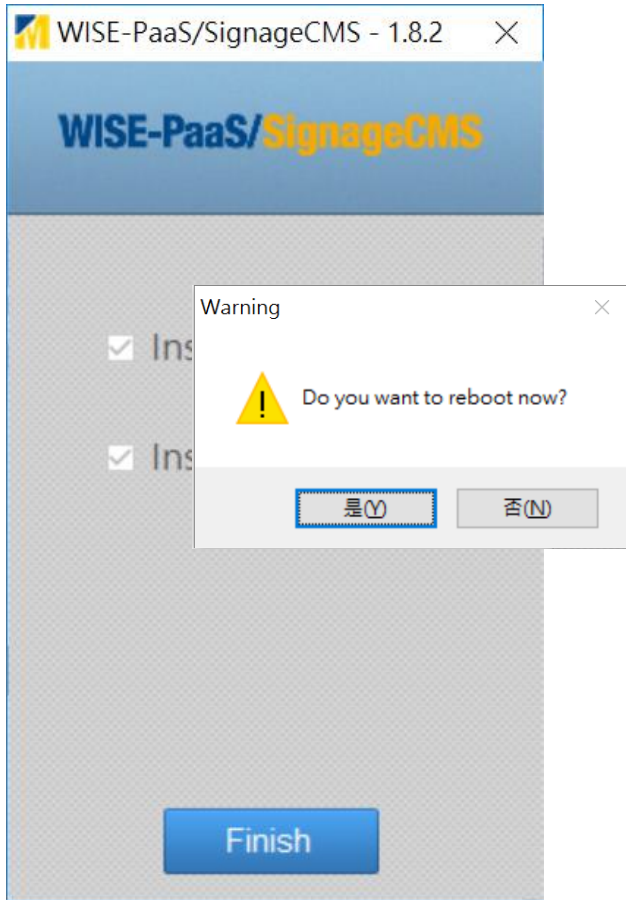
# II. Client Installation

## Step 6 Installation

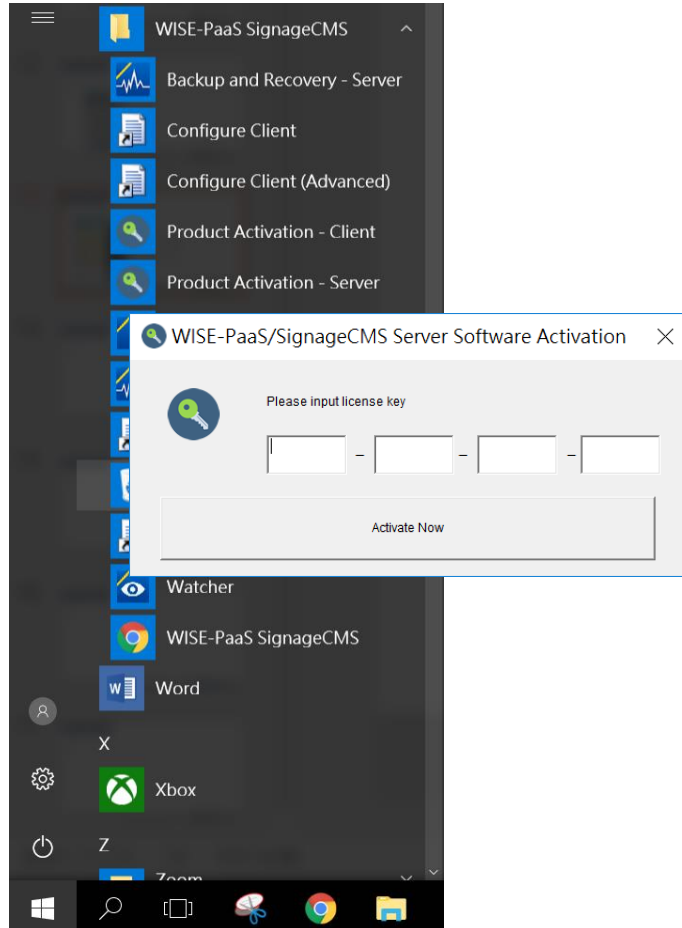


# II. Client Installation

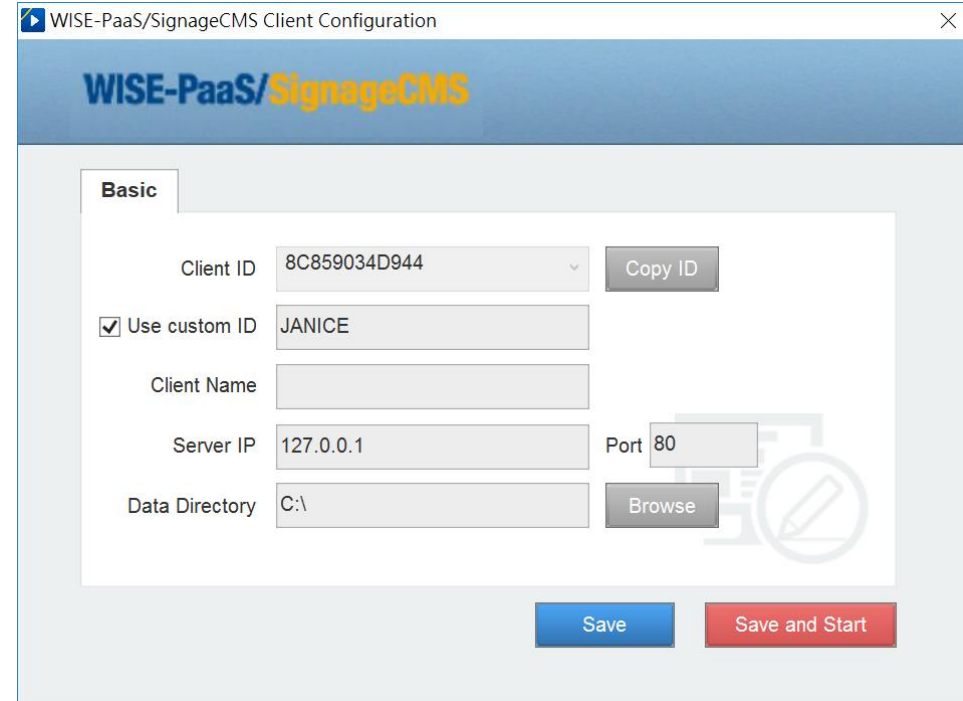
Step 7 Reboot



Step 8 Enable Software Online



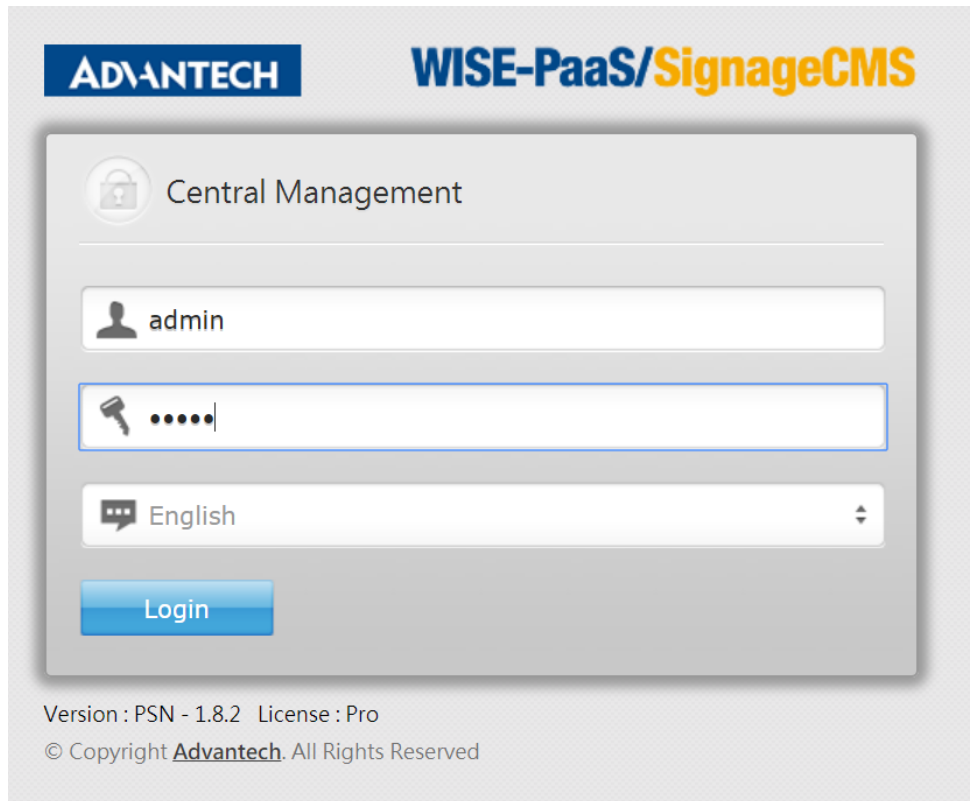
Step 9 Setup the Server IP



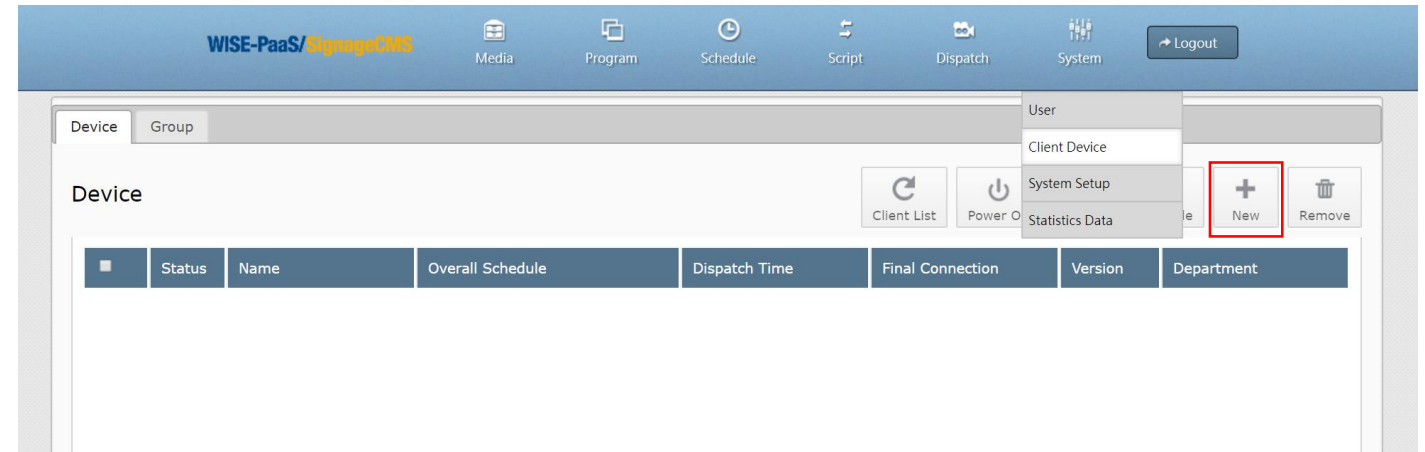
# III. Basic Settings

## Step 1 Log in Server

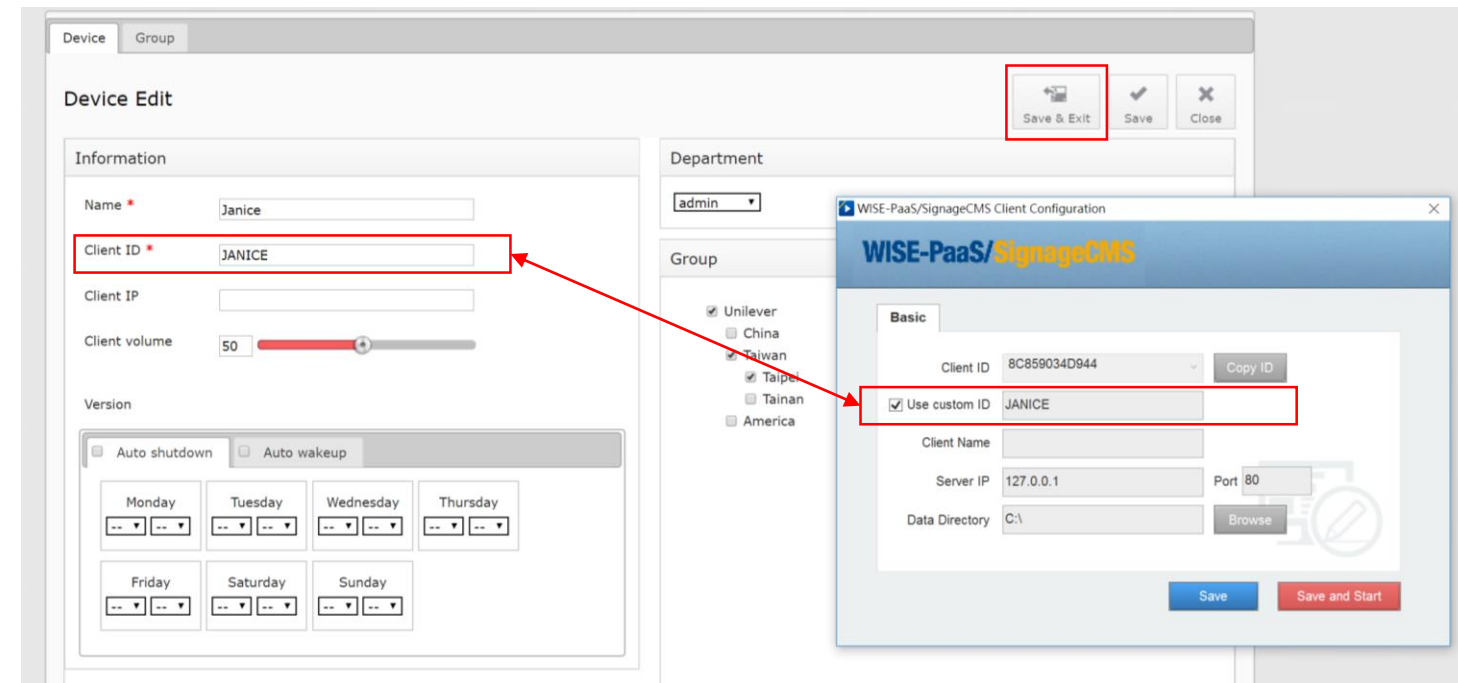
Default ID: admin  
Default PW: admin



## Step 2 Open Client Device and add New Client



## Step 3 Enter Client Name and ID



# Chapter 2 How to Use

# Contents

- [Section I Core Functions](#)
- [Section II Software Skills](#)
- [Section III System Management](#)

# I. Core Functions

01

## Rich Content Format

- Video & Youtube
- Carousel Content
- Special Effects

03

## Auto-Change Menu

Change Automatically by Time Period or Daily Specials

02

## Extension of Multi-displays

- Auto Merge Multi-displays
- Flexible Size & Shape
- Design isn't Limited

04

## Remote Dispatch

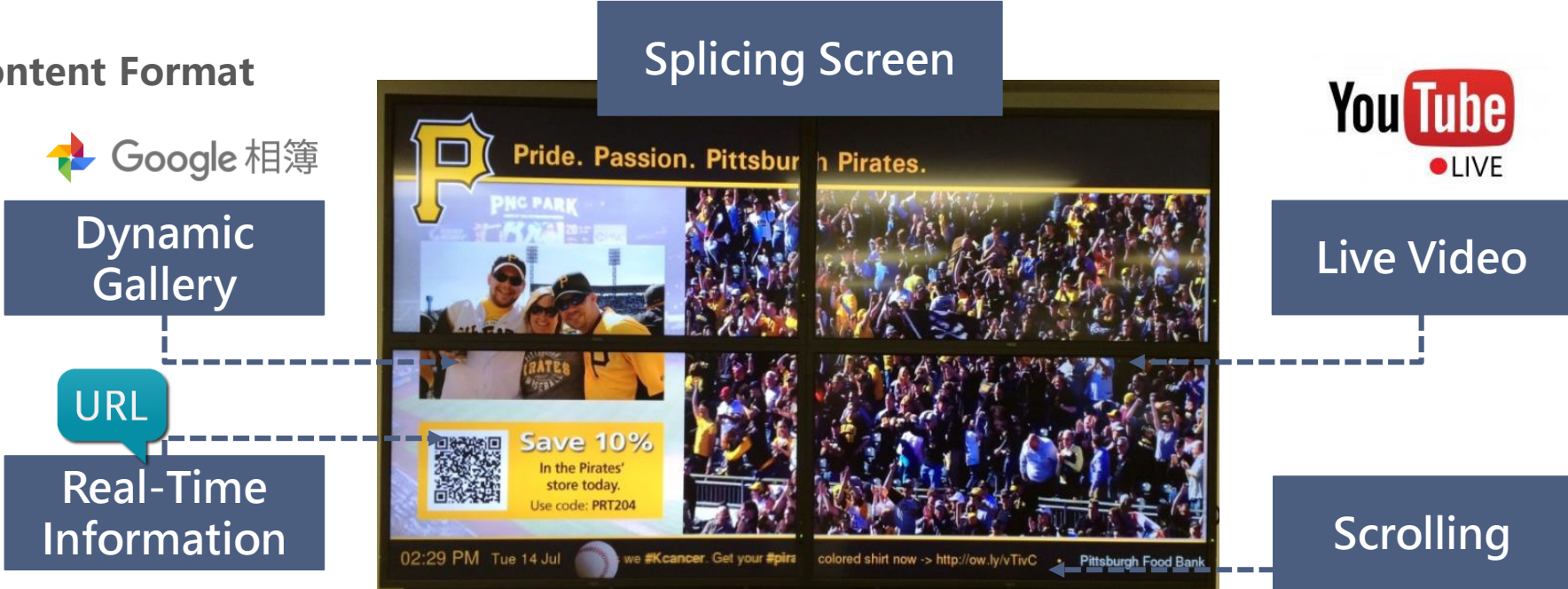
HQ can remotely dispatch to 1 – 500 client



# I. Core Functions

01

## Rich Content Format



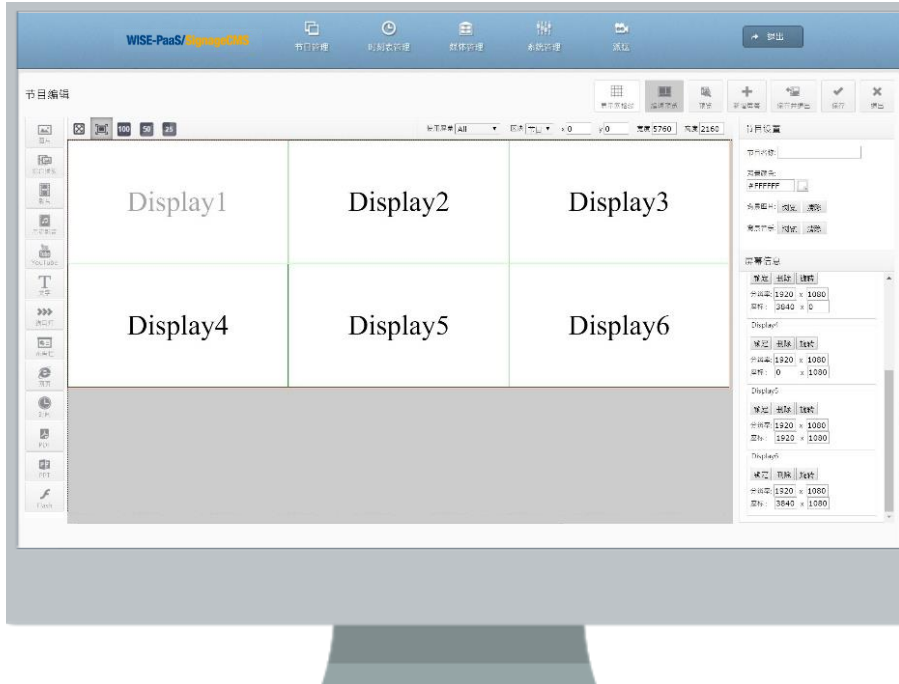
Content	Format
Video	MP4, AVI, WMV, MOV, MPG, MKV (depends on Codec)
Image	JPG, PNG, BMP, GIF
Text	Text, Scrolling Text, Bulletin, Time
Audio	MP3, WMA
File	PPT, PPS, PDF, SWF (Flash)
Real-Time Data Feed	TXT, EXCEL, RSS (1.0)
Others	HTML, YouTube, RTSP



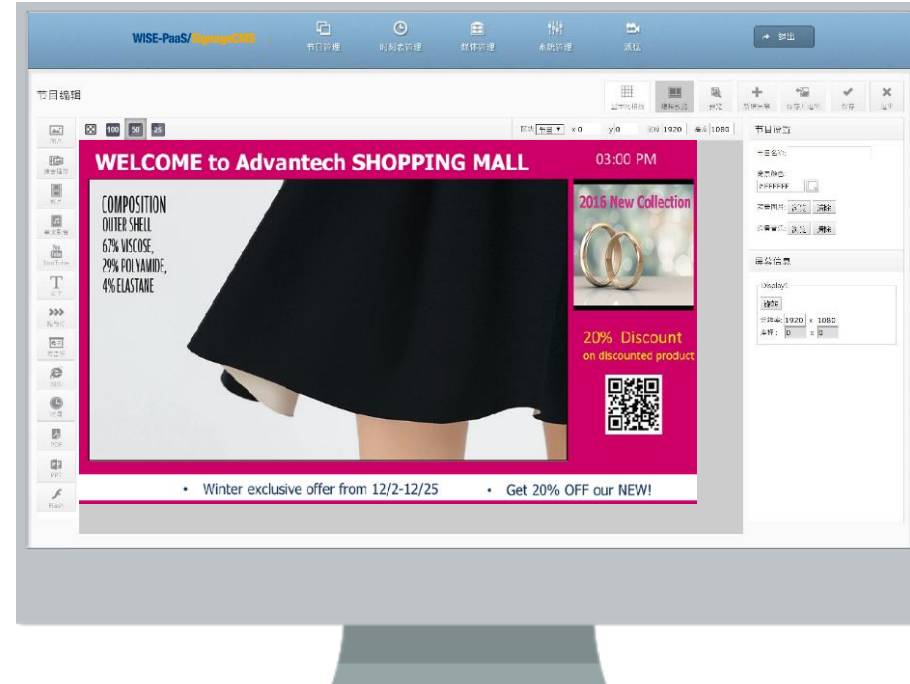
# I. Core Functions

02

## Extension of Multi-displays



- ✓ Multiple Displays Stitching
- ✓ Landscape and Portrait Support
- ✓ Rich Resolutions Support

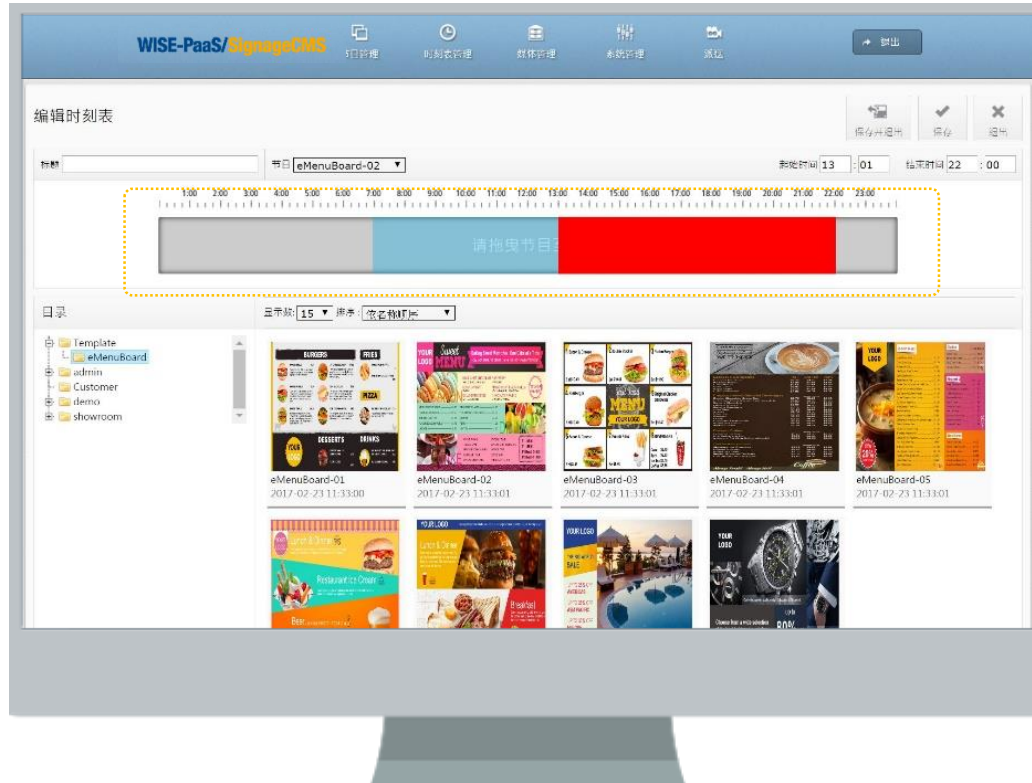


- ✓ Cross Display Design Handling
- ✓ “WYSIWYG” Editor with Real-Time Preview
- ✓ Drag and Drop to Repositioning & Resize

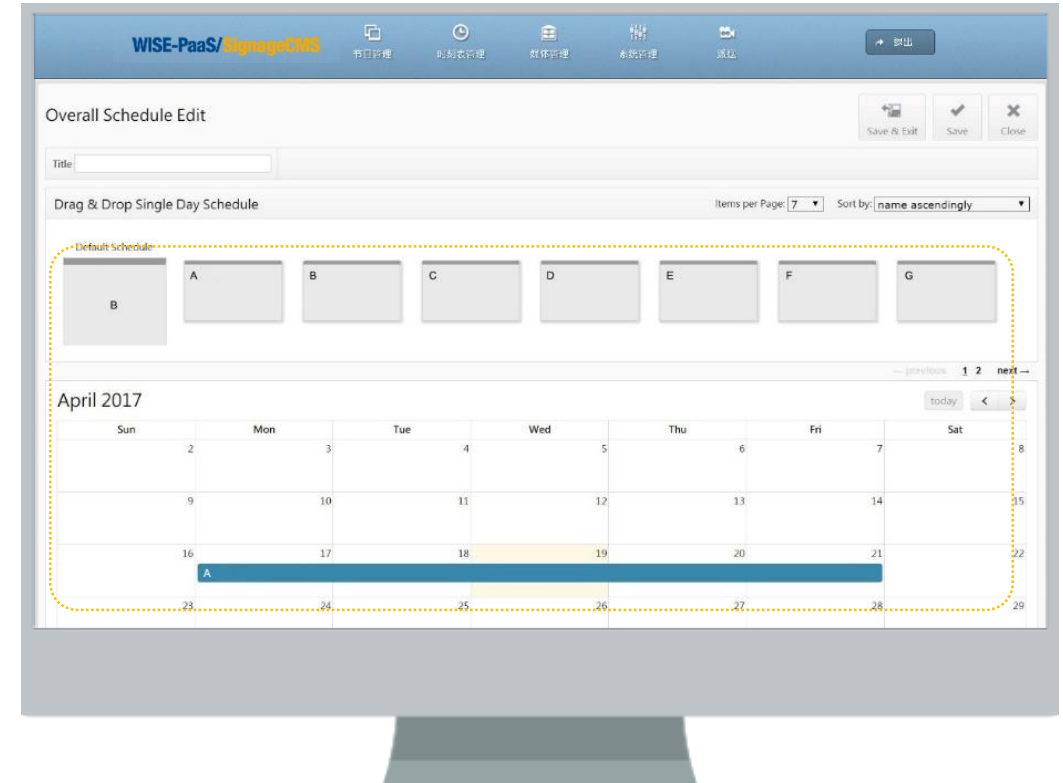
# I. Core Functions

03

## Auto-Change Menu



- ✓ Show Different Content by Time Period

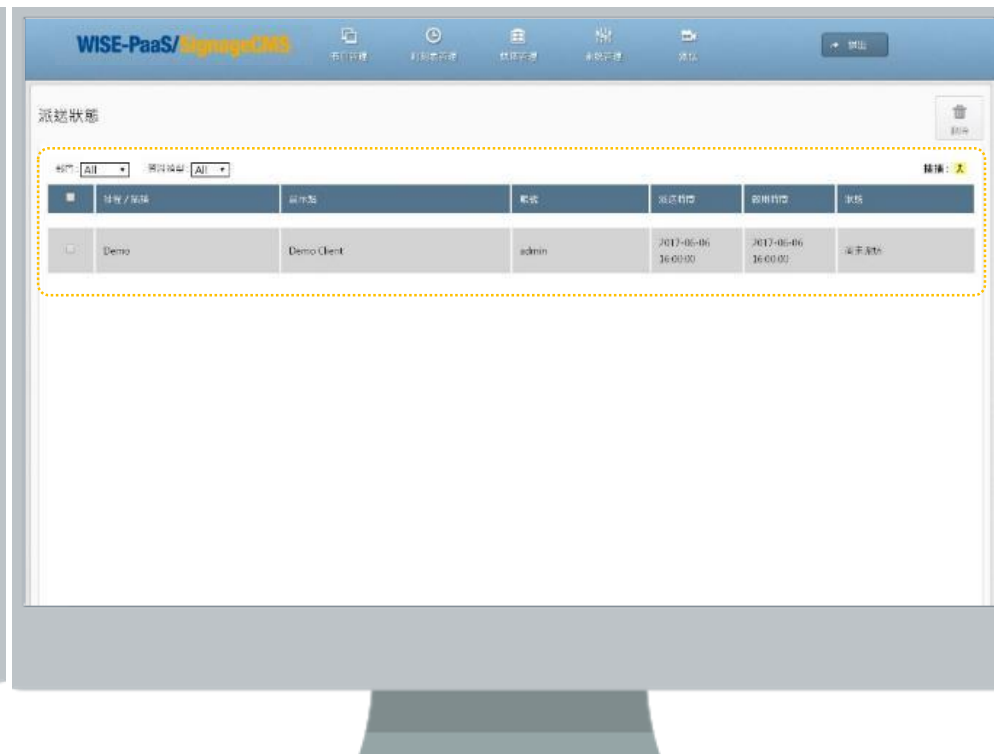
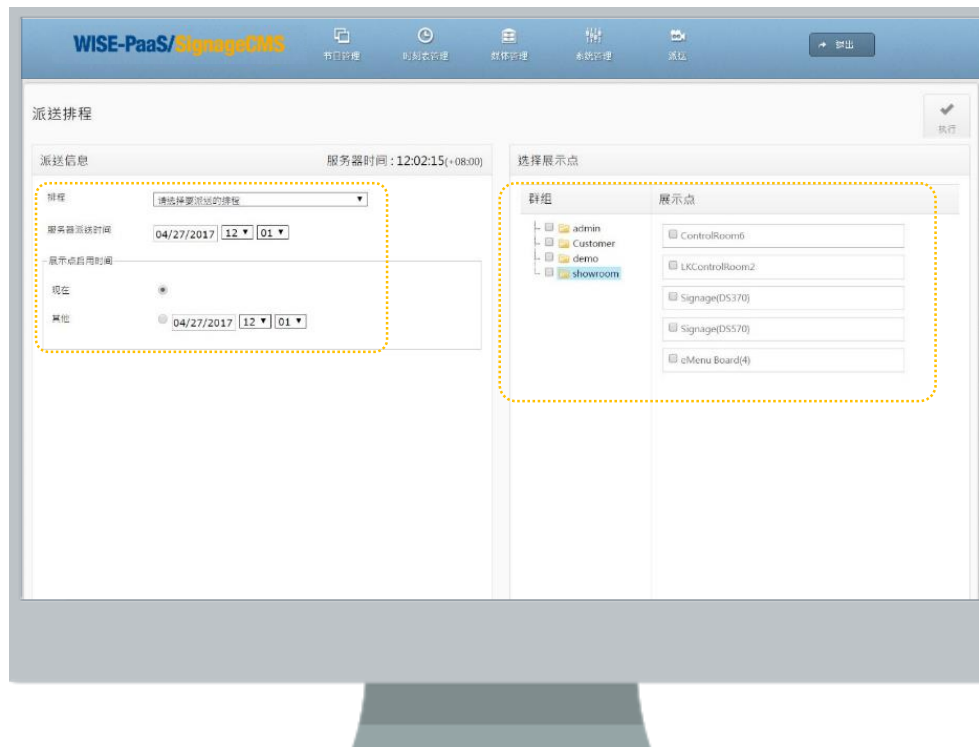
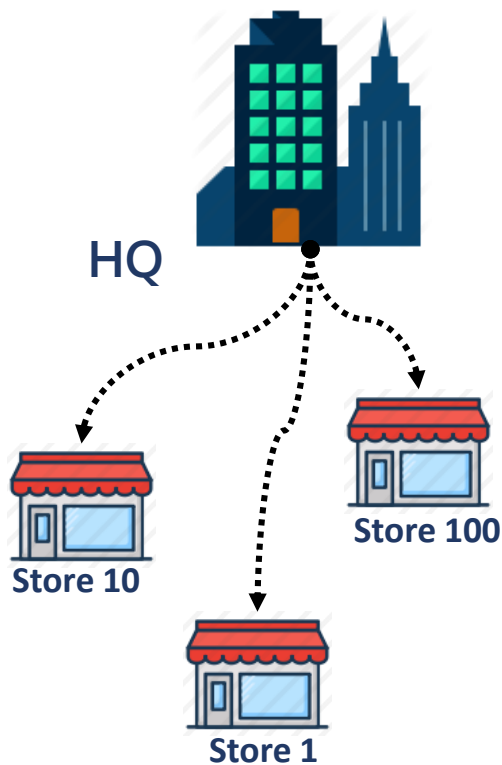


- ✓ Routine Program Setup
- ✓ Scheduling by Calendar

# I. Core Functions

04

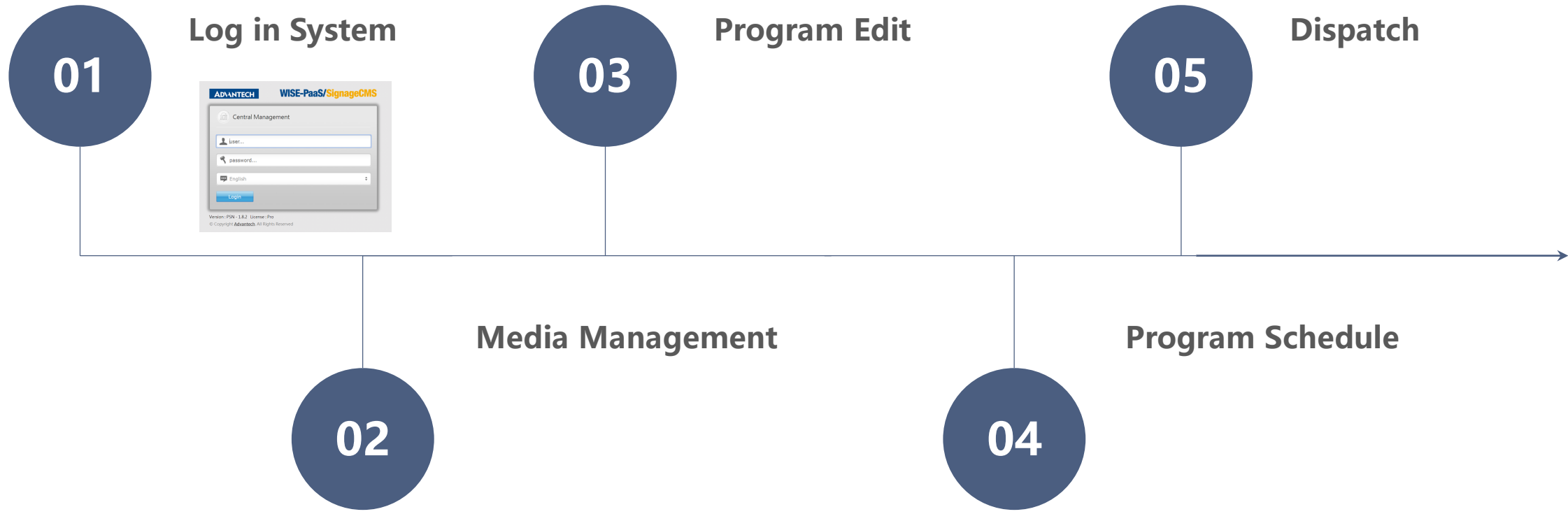
## Remote Dispatch



- ✓ Single or Group Dispatch
- ✓ Immediate or Schedule Dispatch
- ✓ Resume Transfer Support

- ✓ Check display status remotely

# II. Software Skills



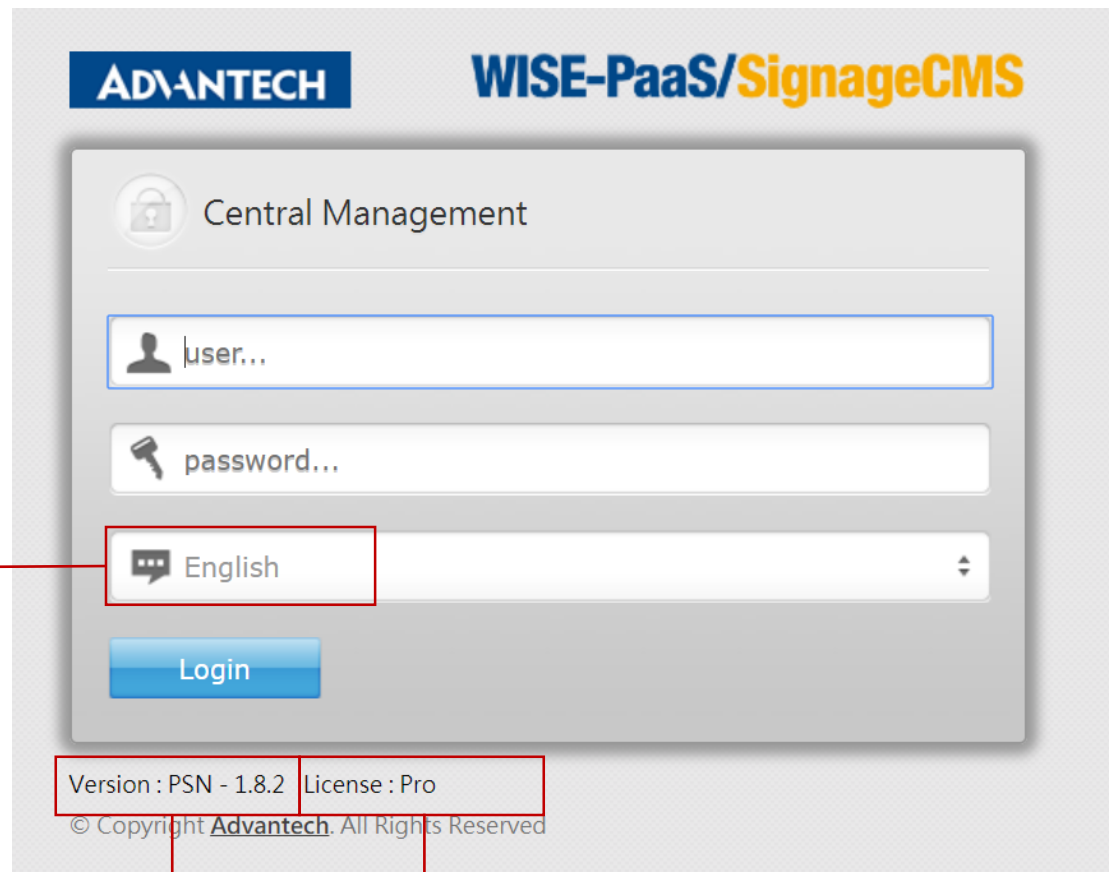
# II. Software Skills

## 01 Log in System

Support to open by IE/Chrome :  
Local : 127.0.0.1/psn  
External : http://Server IP Address/psn

Default ID : admin  
Default PW : admin

Select Language  
繁中  
简中  
English



Software version

License version  
(Trail/Standard/Pro)

# II. Software Skills

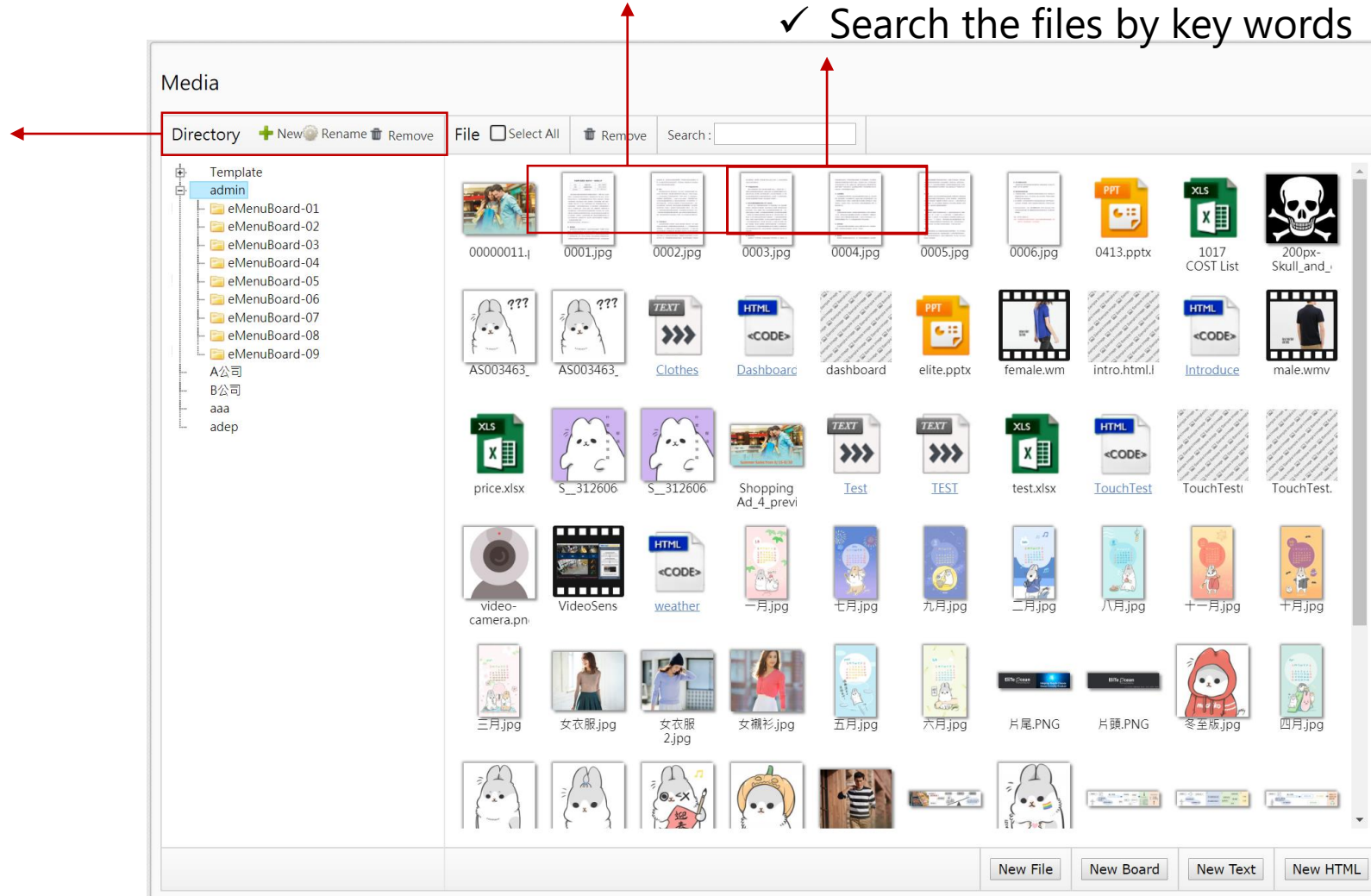
02

## Media Management

- ✓ It support to create folders for manage the different files or different application.
- ✓ The folder can be re-name, copy and remove, please pay attention, to removing the folder will remove all the files which in the folder!

- ✓ Clicking the icon can select the file, and then it can remove the files, or it can select all files to remove.

- ✓ Search the files by key words

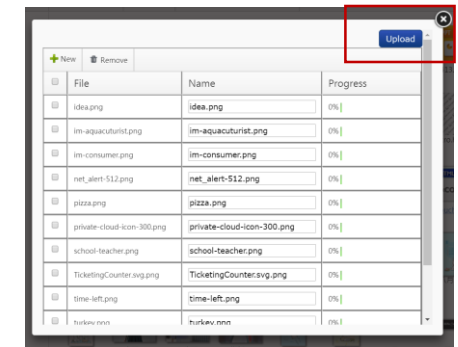
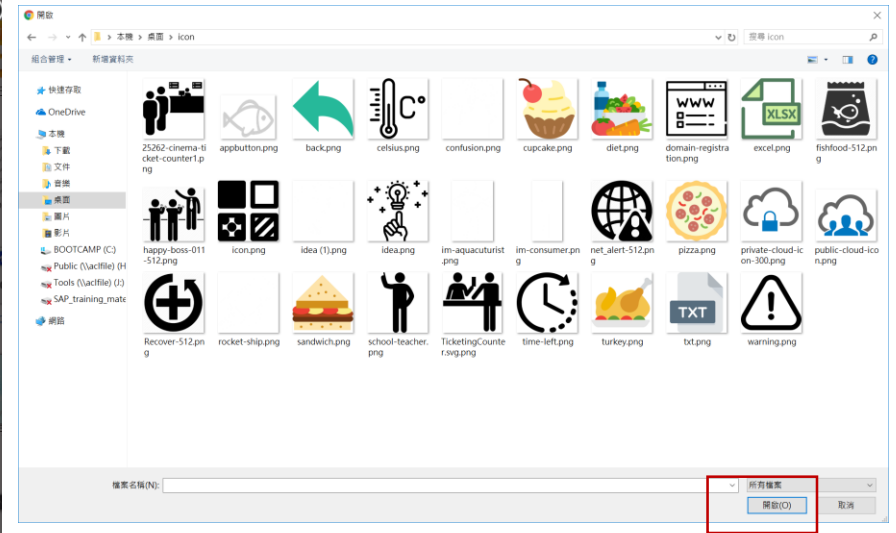
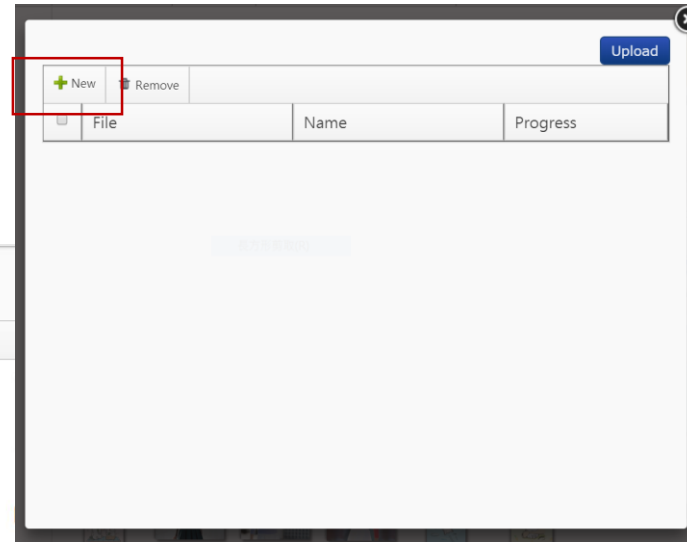
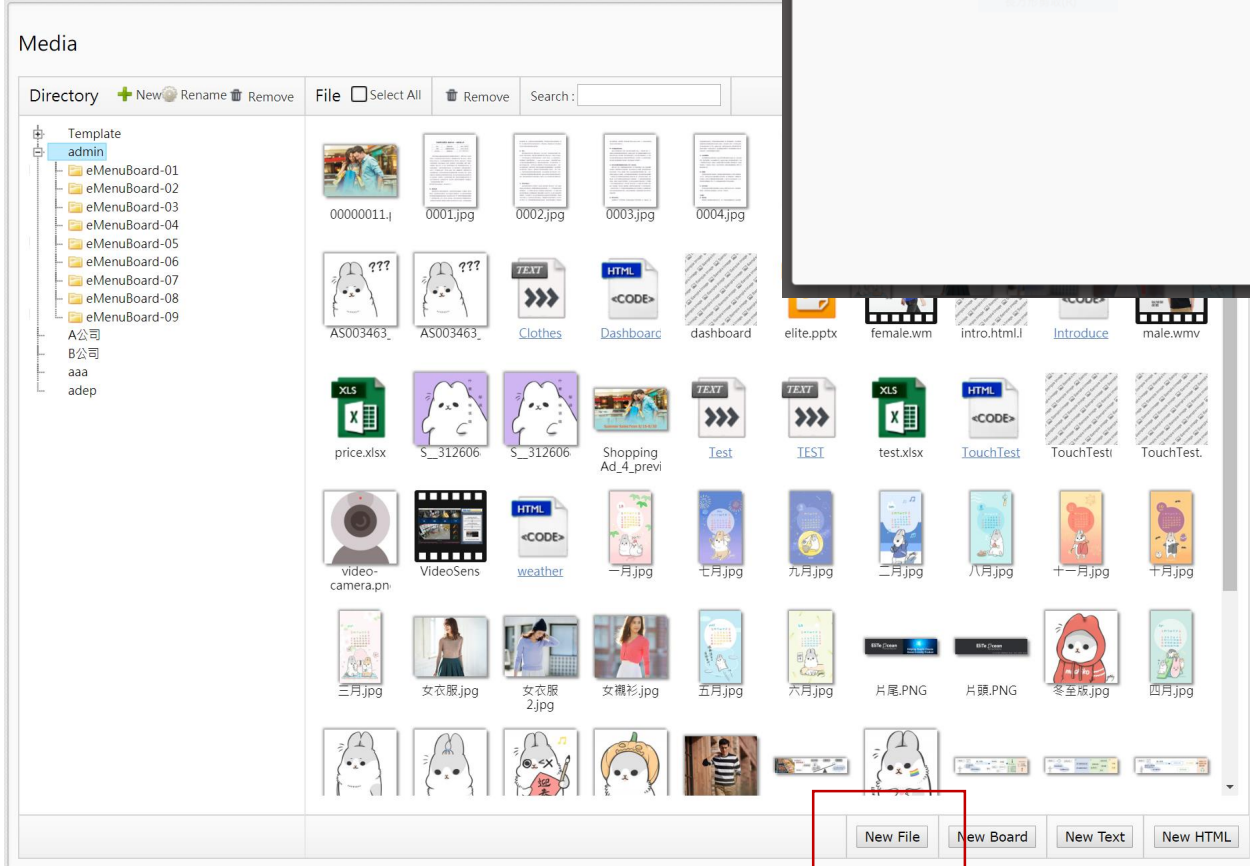




# II. Software Skills

02

## Media Management

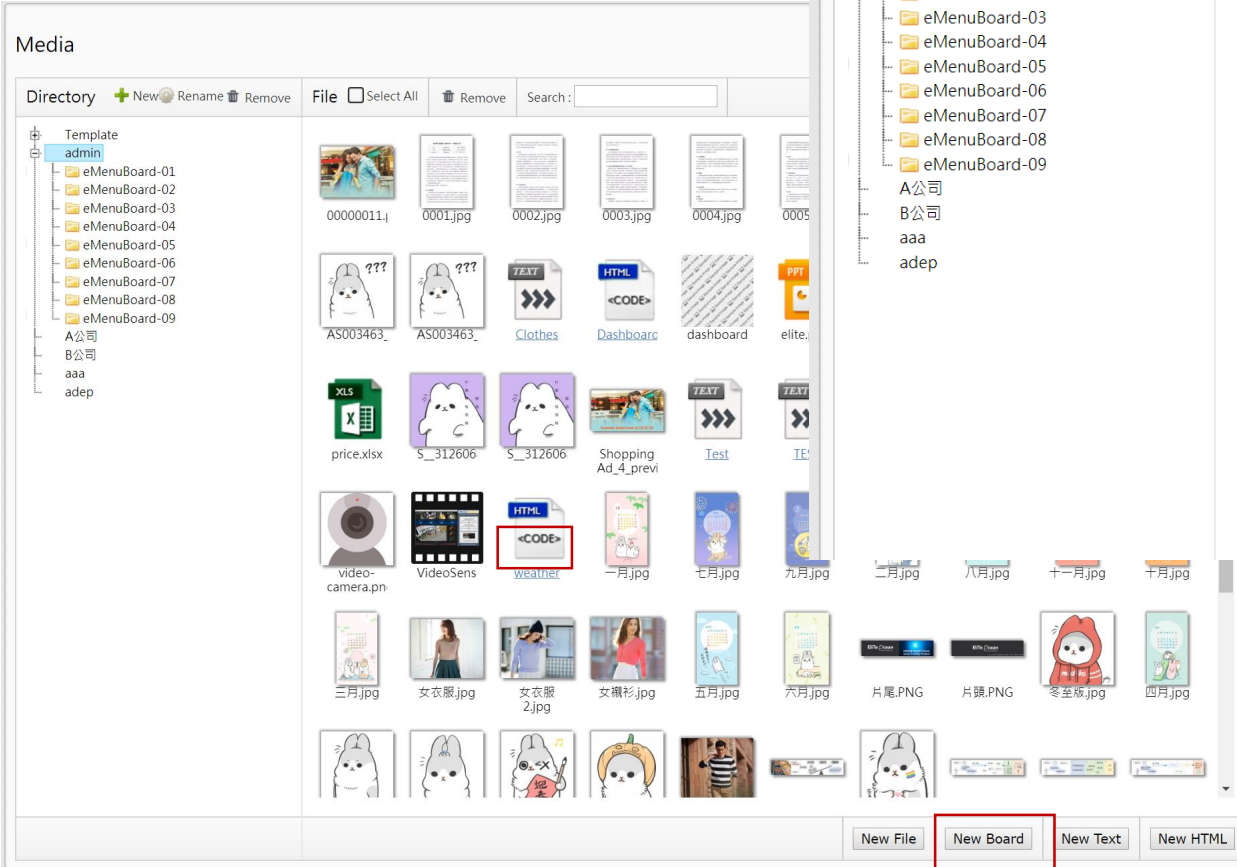


Clicking New File can create the new media from local system.

# II. Software Skills

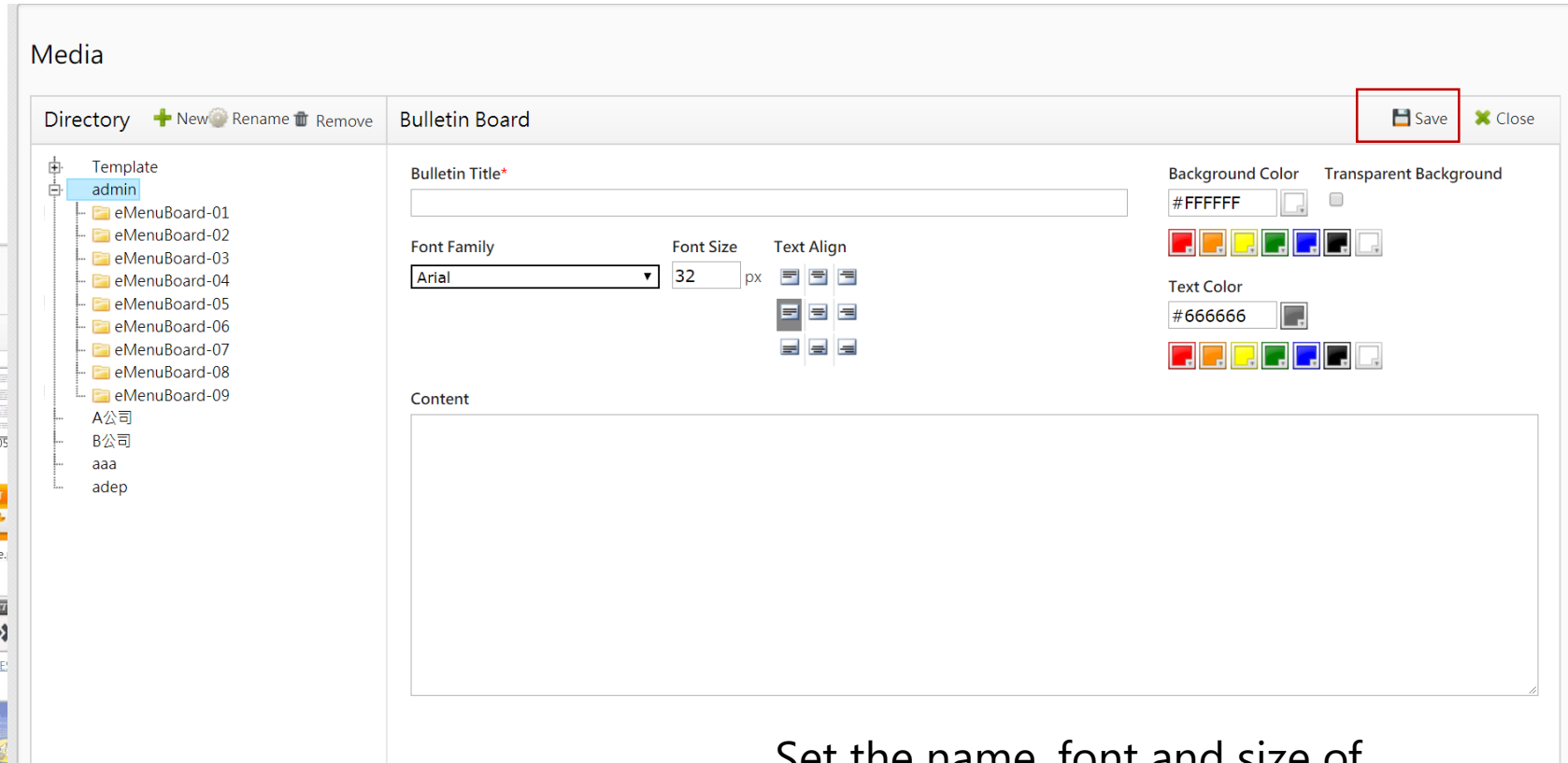
02

## Media Management



Clicking the file name of Bulletin can re-edit the file content

Clicking NewBoard will create the bulletin online.



Set the name, font and size of bulletin, and then saving it.



# II. Software Skills

02

## Media Management

The screenshot shows a 'Media' management interface. On the left is a 'Directory' tree with folders like 'eMenuBoard-01' through 'eMenuBoard-09' and files like 'price.xlsx', 'video-camera.pn', and 'VideoSens'. The main area displays a grid of file thumbnails. A 'Scrolling Text Edit' dialog box is open on the right, with fields for 'Title\*', 'Font Family' (set to 'Arial'), 'Font Size' (set to '32'), 'Background Color' (set to '#FFFFFF'), and 'Text Color' (set to '#666666'). The 'Save' button in the dialog is highlighted with a red box. At the bottom of the media grid, the 'New Text' button is also highlighted with a red box.

Set the name, font and size of scrolling, and then saving it.

Clicking the file name of Scrolling can re-edit the file content

Clicking New Text will create the bulletin online.

# II. Software Skills

0  
2

## Media Management

The screenshot displays a Media Management interface. On the left, a directory tree shows folders like 'eMenuBoard-01' through 'eMenuBoard-09'. The main area shows a grid of files with icons representing different formats: images, documents, HTML, and spreadsheets. A file named 'weather' with an HTML icon is highlighted with a red box. At the bottom, there are buttons for 'New File', 'New Board', 'New Text', and 'New HTML', with the 'New HTML' button also highlighted by a red box. On the right, an HTML editor window is open, showing the title 'HTML' and a 'Save' button highlighted with a red box. The editor contains the following code:

```
HTML Title*  
  
Content  
<head>Hello World</head>  
<body></body>
```

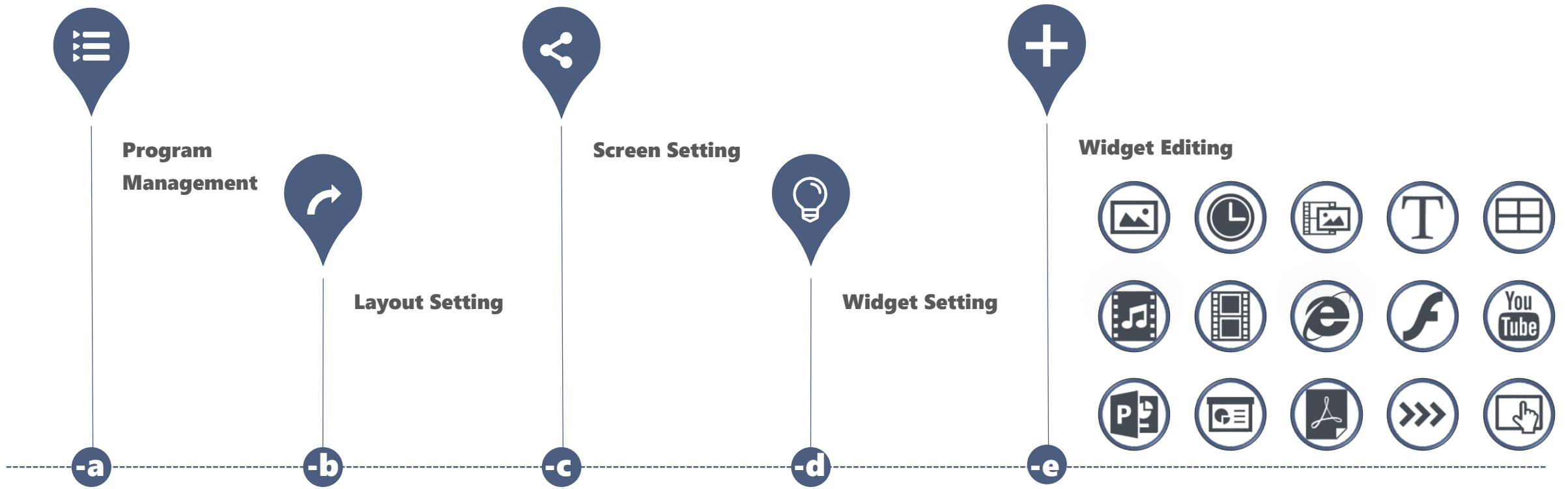
Clicking the file name of HTML can re-edit the file content

Clicking New HTML will create the bulletin online.

When you edit the content, it doesn't need to Doctype, it can type code directly. Enter the save button once finish the code.

# II. Software Skills

## 03 Program Edit



## II. Software Skills

03

### Program Edit -a. Program Management

- ✓ It support to create folders for manage the different program or different application.
- ✓ The folder can be re-name, copy and remove, please pay attention, to removing the folder will remove all the program which in the folder!

The screenshot displays a web-based interface for managing digital menu boards. On the left, a sidebar shows a 'Directory' tree with folders like 'admin', 'A公司', 'B公司', 'aaa', and 'adept'. The main area is a grid of program thumbnails, each with a title and a timestamp. The thumbnails include 'URL', 'Default', 'eMenuBoard-01' through 'eMenuBoard-09', 'Female', 'ihospital', 'Male', and 'test'. At the top, there are controls for 'New', 'Copy', 'Move', and 'Remove' actions. A search bar is also present. Red boxes and arrows highlight specific features: the 'Directory' folder, the search bar, the 'New' button, and the 'eMenuBoard-08' program name.

✓ Search program by key words

✓ Create the new program

✓ Clicking the program to select the programs, and then it can copy, move and remove programs

✓ Clicking the program name to re-edit the program.

# II. Software Skills

03

## Program Edit -b. Layout Setting

The screenshot shows the 'Program Edit' software interface. At the top, there is a toolbar with buttons for 'Show Grid', 'Preview Edit', 'Perview', 'NewMonitor', 'Save & Exit', 'Save', and 'Close'. Below the toolbar, there are three buttons labeled '100', '50', and '25', with an arrow pointing to them and the text 'Show the layout by assign ratio.'. The main workspace is a large grid with a red border. A red box highlights the 'Show Grid' button in the toolbar, with an arrow pointing to the grid and the text 'Show the grid in layout to easier alignment'. On the right side, there is a 'Program Setting' panel with fields for 'Program Name', 'Background Color' (set to #FFFFFF), 'Background Image' (with 'Browse' and 'Clean' buttons), and 'Background Music' (with 'Browse' and 'Clean' buttons). Below this is a 'Monitor info' section with a 'Rotate' button, 'Resolution: 1920 x 1080', and 'Coor: 0 x 0'. A red box highlights the 'Program Setting' panel, with an arrow pointing to it and the text 'Editing the program information, it can chose the background image or color, and set background music.'

✓ Editing the program information, it can chose the background image or color, and set background music.

# II. Software Skills

03

## Program Edit -c. Screen Setting

✓ Add multi-screens

The screenshot shows the 'Program Edit' software interface. At the top, there is a toolbar with buttons for 'Show Grid', 'Preview Edit', 'Perview', 'NewMonitor', 'Save & Exit', 'Save', and 'Close'. The 'NewMonitor' button is highlighted with a red box and an arrow pointing to the text 'Add multi-screens'. Below the toolbar, there are input fields for 'Monitor assign' (set to 'All'), 'Block' (set to 'Program'), and coordinates 'x 0', 'y 0', 'Width 4080', and 'Height 1920'. The main workspace contains three display areas labeled 'Display1', 'Display2', and 'Display3'. On the right side, there is a 'Program Setting' panel with fields for 'Program Name', 'Background Color' (set to '#FFFFFF'), 'Background Image' (with 'Browse' and 'Clean' buttons), and 'Background Music' (with 'Browse' and 'Clean' buttons). Below this is a 'Monitor info' panel with three sections for 'Display1', 'Display2', and 'Display3'. Each section has a 'Rotate' button and fields for 'Resolution' and 'Coor'. For Display1, Resolution is 1080 x 1920 and Coor is 0 x 0. For Display2, Resolution is 1920 x 1080 and Coor is 1080 x 406. For Display3, Resolution is 1080 x 1920 and Coor is 3000 x 0. A red box highlights the 'Monitor info' panel, with an arrow pointing to the text 'Setting the resolution and direction of screen.'

✓ Setting the resolution and direction of screen.



# II. Software Skills

03

## Program Edit -d. Widget Setting

Widget

Block #1 x 597 y 64 Width 1197 Height 931

File Name	Duration(sec.)
襯衫.jpg	10

✓ Setting the coordinate of top-left corner

✓ Adjust the partition size

✓ Double-clicking the partition can edit the content.

# II. Software Skills

03

## Program Edit -e. Widget Editing



### Image

Program Edit

Interaction

Image

Versatile

Video

Stream

YouTube

Label

Table

Scrolling

Bulletin

Web

Time

PDF

PPT

Flash

Block: Block #2 | x:1049 | y:8 | Width: 858 | Height: 765

Playlist

File Name | Duration(sec.)

✓ Double-clicking the partition can edit the content.

✓ Add the image from the media

✓ Set the play time

Playlist Edit

+ Add File Remove

Image	File Name	Resolution	Effect	Repeat	Duration(sec.)	Sort
			No effect			
	女衣服2.jpg	545 x 445	Left to right	1	10	Sort icons
	南衣服.jpg	547 x 452	Bottom to top	1	40	Sort icons
	襯衫.jpg	410 x 346	No effect	1	5	Sort icons

Set in once

Set the order

Select the effect when content changing



# II. Software Skills

03

## Program Edit -e. Widget Editing



## Video

Program Edit

Block [Block #1] x:0 y:0 Width:1225 Height:749

Playlist

Select Video Player: Default

File Name: VideoSense\_PPT.mp4

Duration(sec): 135

(1) Loop: repeat times set 1

(2) Playlist can set voice

(3) 3 kinds of players

Playlist Edit

Video	File Name	Resolution	Effect	Repeat	Duration(sec.)	Sort
<input type="checkbox"/>	VideoSense_PPT.mp4	1920 x 1080	No effect	9999	135	

! Times cannot set over 9999

**Default(set it top):**

Advantech player(need K-Lite Codec)

**VLC(set it top):**

Recommendation

**Background(set it bottom):**

Microsoft Media Player

## II. Software Skills

03

Program Edit  
-e. Widget Editing



Versatile

The screenshot shows the 'Program Edit' software interface. On the left is a vertical toolbar with various widget categories: Interaction, Image, Versatile (highlighted with a red box), Video, Stream, YouTube, Label, Table, Scrolling, Bulletin, Web, Time, PDF, PPT, and Flash. The main workspace shows a 'Versatile' widget being edited, with a red border around it. A 'Playlist Edit' dialog box is open in the foreground, displaying a table of playlist items.

	Versatile	File Name	Resolution	Effect	Repeat	Duration(sec.)	Sort
				No effect			
		00000011.png	1347 x 945	No effect	1	10	↑ ↓
		female.wmv	1280 x 960	No effect	1	9	↑ ↓

The screenshot shows the 'Program Edit' software interface with a video player and a playlist. The video player displays a scene with a man and a woman in a shopping mall. The playlist on the right shows a list of files with their durations.

⚠️ ✓ There is 1-2 seconds steady-state when it switches the different file, it recommend set the background image, then, it will show the background image when it is steady-state.

✓ In one playlist supports the carousel by different files

## II. Software Skills

03

Program Edit  
-e. Widget Editing



Stream

Program Edit

Block #1 x 617 y 12 Width 1272 Height 954

Stream

Playlist Edit

+ New URL		Remove						
<input type="checkbox"/>	Stream	URL	Resolution	Effect	Repeat	Duration(sec.)	Sort	
<input type="checkbox"/>				No effect				
<input type="checkbox"/>		rtsp://quicktime.tc.columbia.edu	0 x 0	No effect	1	60		

✓ Paste the RTSP address

# II. Software Skills

03

Program Edit  
-e. Widget Editing



Youtube

Have to paste Full URL

The screenshot shows the 'Program Edit' software interface. On the left is a vertical toolbar with icons for Image, Versatile, Video, Stream, YouTube, Label, Scrolling, Bulletin, Web, Time, PDF, and a grid icon. The main workspace contains a video widget titled 'Intelligent Meeting Room' showing three men in a meeting. Above the widget, a toolbar includes 'Show Grid', 'Preview Edit', 'Preview', 'NewMonitor', 'Save & Exit', 'Save', and 'Close'. Below the toolbar, a control panel shows 'Block #1', 'x:0', 'y:0', 'Width:1173', and 'Height:694'. To the right is a 'Playlist' table with columns 'URL' and 'Duration(sec.)'. Below the interface, a browser window shows a YouTube video page for '2016 Corp Video, Advantech(EN)'. The address bar contains the full URL: [https://www.youtube.com/watch?time\\_continue=4&v=Fd2Yqnrnd2w](https://www.youtube.com/watch?time_continue=4&v=Fd2Yqnrnd2w). A red box highlights this URL. A red arrow points from this box to the 'URL' column in the 'Playlist' table. Another red box highlights a shorter URL, <https://youtu.be/Fd2Yqnrnd2w>, in the sharing menu, with a red arrow pointing to it and a warning icon and text: 'It will cause fail'.

## II. Software Skills

03

### Program Edit -e. Widget Editing



### Label

⚠ Font family is auto-load the system font which is installed.  
Server & Client need to install the same font family.

Program Edit

Block #2 x78 y528 Width 709 Height 143

Playlist

Block Name: Special Sales

Label Content: Buy 1 Get 1

Font Family: Verdana

Font Size: 70

Text Color: #ff8c00

Background Choice:  Transparent  Color #ffffff

Label Align: middle

Label Style:  bold  italic

✓ Set the content and style

Data Source

None

Text file

C:\\desktop\\example.txt

Excel file

✓ Enter the file address in client, then, the content will change once the content of file change.

(Excel file refer to Table)

✓ It can import the text source by .txt and .xls.

# II. Software Skills

03

## Program Edit -e. Widget Editing



## Table

Program Edit

Interaction: 100, 50, 25

Block: Block #1 x:138 y:0 Width:426 Height:100

Table widget configuration dialog:

- Select table type
  - Vertical table (C, M, S)
  - Horizontal table (C, M, S)
- Input the quantity of table (min: 2, Max: 99)
  - 2
- Group block name
  - Sheet1

Background Choice:  Transparent

Label Align: upper left

Data Source:  Excel file [Select](#)

Excel file: pricelist.xlsx

Sheet: Sheet1

Product: Latte

Row spread | Column spread

Media Directory: pricelist.xlsx

Row Spread

Product	Small	Middle	Large	Super
Orange Juice	20	25	30	35
Apple Juice	20	25	30	35
Latte	35	40	45	50
Milk	30	35	40	45
Black Tea	15	20	25	30

Column Spread

Program Edit (Table preview):

Product	Small	Middle	Large
Latte	35	40	45

Playlist:

- Block Name: sheet1-1
- Label Content: Latte
- Font Family: Arial
- Font Size: 32
- Text Color: #000000
- Background Choice:  Transparent
- Label Align: upper left
- Label Style:  bold  italic
- Data Source:  Excel file [Select](#)



## II. Software Skills

03

### Program Edit -e. Widget Editing



### Scrolling

- ✓ Create Scrolling file can refer to the media management

! When setting the scrolling on the video or dynamic picture, it need to set the background color or image, or it will cause error.

Program Edit

Block [Block #1] x 231 y 989 Width 1657 Height 69

Playlist Edit

Scrolling	File Name	Resolution	Effect	Repeat	Speed	Sort
<input type="checkbox"/>			Right to left		1	
<input checked="" type="checkbox"/>	Clothes	0 x 0	Right to left	1	5	

direction speed

◆ Winter exclusive offer from 12/2-12/15 ◆ Get 20% OFF our New!

## II. Software Skills

03

### Program Edit -e. Widget Editing



### Bulletin

- ✓ Create bulletin file can refer to the media management

! When setting the scrolling on the video or dynamic picture, it need to set the background color or image, or it will cause error.

The screenshot displays the 'Program Edit' software interface. On the left, a vertical toolbar contains various widget icons, with the 'Bulletin' icon highlighted. The main workspace shows a 'Bulletin Board' widget with a background image of a 'DEPARTMENT STORE' and a text box containing the text: 'A department store is a retail establishment offering a wide range of consumer goods in different product categories known as "departments" In'. Below the text box is a promotional banner for a 'Winter exclusive offer from 12/2-12/15' with '20% OFF our New!'. A 'Playlist Edit' dialog box is open in the center, showing a table with columns: Bulletin Board, File Name, Resolution, Effect, Repeat, Time Config, and Sort. The table contains one entry: 'Introduction' with a resolution of '0 x 0', an effect of 'Vertical scroll', a repeat of '1', and a time config of '1 Level (Speed)'. Red arrows point from the 'Vertical scroll' dropdown and the '1 Level (Speed)' dropdown to the labels 'direction' and 'speed' respectively. A 'Playlist' panel on the right shows a table with columns 'File Name' and 'Duration(sec.)', containing the entry 'Introduction' with a duration of '1Level'.

Bulletin Board	File Name	Resolution	Effect	Repeat	Time Config	Sort
	Introduction	0 x 0	Vertical scroll	1	1 Level (Speed)	

File Name	Duration(sec.)
Introduction	1Level

## II. Software Skills

03

### Program Edit -e. Widget Editing




Web

- (1) IE: default browser
- (2) Chrome: support click and typing

A screenshot of the 'Program Edit' software interface. On the left is a vertical toolbar with icons for Image, Versatile, Video, Stream, YouTube, Label, Scrolling, Bulletin, and Web. The 'Web' widget is selected and highlighted with a red border. The main workspace shows a large 'e' logo. At the top right of the workspace are buttons for '+ NewMonitor', 'Save &amp; Exit', 'Save', and 'Close'. A 'Playlist' panel is open on the right side of the workspace, showing configuration options for the selected widget.

A close-up view of the 'Playlist' configuration panel. It features a 'Select Browser' dropdown menu with 'IE' selected. Below it is a 'Select Scale' input field set to '100'. A table lists the playlist items with columns for 'URL' and 'Duration(sec.)'.

URL	Duration(sec.)
 <a href="https://dashboard-grafana-videosense.wise-paas.com/dashboard/db/video-cms?orgId=1">https://dashboard-grafana-videosense.wise-paas.com/dashboard/db/video-cms?orgId=1</a>	60

# II. Software Skills

03

## Program Edit -e. Widget Editing



HTML

✓ Create HTML file can refer to the media management

The screenshot displays the 'Program Edit' software interface. On the left is a vertical toolbar with icons for Image, Versatile, Video, Stream, YouTube, Label, Scrolling, Bulletin, Web, Time, and PDF. The main workspace is divided into several sections:

- Program Setting:** Includes fields for Program Name (test), Background Color (#FFFFFF), Background Image (Browse/Clean), and Background Music (Browse/Clean).
- Monitor info:** A section for monitoring the widget's performance.
- Browser Preview:** A window titled 'WISE-PaaS/SignageCMS Central Management - Google Chrome' showing a weather widget for 'Taipei City, TW' with a temperature of 64°C and 'Overcast' conditions.
- Media Management:** A 'Directory' tree showing folders like 'Template', 'admin', and 'eMenuBoard-01' through '09'. Below it is an 'HTML' editor with the following content:

```
HTML Title*
weather

Content
<a href="https://www.accuweather.com/en/tw/taipei-city/315078/weather-forecast/315078" class="aw-widget-legal">
<!--
By accessing and/or using this code snippet, you agree to AccuWeather's terms and conditions (in English) which can be found at
https://www.accuweather.com/en/free-weather-widgets/terms and AccuWeather's Privacy Statement (in English) which can be found at
https://www.accuweather.com/en/privacy.
-->
</a><div id="awcc1517809204077" class="aw-widget-current" data-locationkey="" data-unit="f" data-language="en-us" data-useip="true" data-uid="awcc1517809204077"></div><script type="text/javascript" src="https://oap.accuweather.com/launch.js"></script>
```

A red arrow points from the text 'It can import the html code of weather information' to the HTML editor's content area.

It can import the html code of weather information

# II. Software Skills

03

## Program Edit -e. Widget Editing



Time

The screenshot displays the 'Program Edit' software interface. On the left is a vertical toolbar with various widget categories: Interaction, Image, Versatile, Video, Stream, YouTube, Label, Table, Scrolling, Bulletin, Web, Time (highlighted with a red box), PDF, PPT, and Flash. The main workspace shows a 'DEPARTMENT STORE' banner with a clock icon. A 'Playlist Edit' dialog box is open, showing settings for Time Format (yyyy/mm/dd), Day (Monday), Time (23:39:14), Background Color (#FFFFFF), Text Color (#666666), and Font Family (Book Antiqua). The dialog has a 'Confirm' button.

# II. Software Skills

03

## Program Edit -e. Widget Editing



PDF

Program Edit

100 50 25

Block [Block #1] x 638 y 0 Width 763 Height 954

Interaction

Image

Versatile

Video

Stream

YouTube

Label

Table

Scrolling

Bulletin

Web

Time

PDF

PPT

Flash

Show Grid Preview Edit Preview NewMonitor Save & Exit Save Close

Playlist

File Name	Duration(sec.)
PDF	290

Set the play times  
(default 1 is loop play)

Playlist Edit

+ Add File - Remove

PDF	File Name	Resolution	Page Number	Repeat	Page Duration (sec.)	Sort
	WebAccess IMM用戶手冊_R_v1.pdf	0 x 0	29	1	10	

Confirm

Set every page's  
play time



## II. Software Skills

03

Program Edit  
-e. Widget Editing



PPT

- (1) OS: Need to install the official Microsoft office
- (2) The file version need as same as office version

Program Edit

Interaction 100 50 25

Block [Block #1] x:0 y:0 Width:789 Height:735

Playlist

Image

Versatile

Video

Stream

YouTube

Label

Table

Scrolling

Bulletin

Web

Time

PDF

Flash

Playlist Edit

Confirm

+ Add File - Remove

<input type="checkbox"/>	PPT	File Name	Resolution	Effect	Repeat	Duration(sec.)	Sort
<input type="checkbox"/>		elite.pptx	0 x 0	No effect	1	60	

Repeat 1

! Only support mouse to change page.

# II. Software Skills

03

Program Edit  
-e. Widget Editing



Flash

Program Edit

Block [Block #1] x:0 y:0 Width:671 Height:472

File Name	Duration(sec)

Playlist Edit

Flash	File Name	Resolution	Effect	Repeat	Duration(sec)	Sort
			No effect			

Playlist

File Name	Duration(sec)

Flash

! Chrome didn't support Flash

# II. Software Skills

04

## Program Schedule -a. Single Day Schedule

Single Day Schedule

Department:  Items per Page:  Sort by:

Anniversary Children Day Valentines D

Single Day Schedule Edit

Title:  Program:  Start Time:  End Time:

Please drag & drop programs here

Directory

- Template
- admin
- A公司
- B公司
- aaa
- adep

Items per Page:  Sort by:

1111  
2018-04-23 23:04:37

Default  
2018-03-04 19:26:52

eMenuBoard-01  
2017-11-02 15:14:25

eMenuBoard-02  
2017-11-02 15:14:26

eMenuBoard-03  
2017-11-02 15:14:27

eMenuBoard-04  
2017-11-02 15:14:28

eMenuBoard-05  
2017-11-02 15:14:30

eMenuBoard-06  
2017-11-02 15:14:32

--- previous 1 2 next ---

It can set the time manually

It can select different folder in the one department.

# II. Software Skills

04

## Program Schedule -b. Overall Schedule

It will play the default when there doesn't set the assign the program on special time.

Pull and drag to set schedule directly.

Click it to copy, paste and remove.

Set the special program on special time.

# II. Software Skills

## 05 Dispatch

Select schedule

Select the time to dispatch the schedule from server to client.

Set the activation time of schedule on client.

The screenshot shows a web-based interface for scheduling a dispatch. It is divided into two main sections: 'Dispatch Information' and 'Select Device to dispatch'. The 'Dispatch Information' section includes a 'Program Schedule' dropdown menu (set to 'Spring'), an 'Interaction Program' dropdown menu (set to 'Please Select Interaction Program Group'), and an 'Export' button. Below this is a 'Time Config' section with 'Server Dispatch Time' (04/24/2018 09:26) and 'Client Activation Time' (Immediate selected, Other set to 04/24/2018 09:26). The 'Select Device to dispatch' section features a tree view of device groups (aaa, adep, admin, 聯合利華, 多芬Dove, A公司, B公司) and a 'Device' dropdown menu (set to Janice). An 'Execute' button is located in the top right corner. Red boxes and arrows highlight the 'Program Schedule' dropdown, the 'Server Dispatch Time' fields, the 'Client Activation Time' options, and the device selection area.

Select Client

## II. Software Skills

05

### Dispatch by offline

Dispatch Schedule

Dispatch Information Server Time : 15:46:00(+08:00)

Program Schedule

Interaction Program

Time Config

Server Dispatch Time

Client Activation Time


Immediate

Other

Select Device to dispatch

Group	Device
<input type="checkbox"/> aaa	
<input type="checkbox"/> adep	
<input checked="" type="checkbox"/> admin	<input type="text" value="ANDREA"/>
<input type="checkbox"/> A公司	
<input type="checkbox"/> B公司	

**Export**

  
PSData.zip

1. Download a .zip file

2. Unzip the file

3. Copy it and paste it on client C:\\



# II. Software Skills

05

## Dispatch

The screenshot displays two software windows. The top window, titled "Urgent Breaking", has a "Breaking Information" section with a "Program" dropdown set to "ihospital" and a "Server Time" of "12:50:18(+08:00)". Below it is a "Time Config" section with "Start" and "End" time pickers. The bottom window, titled "Urgent Marquee", has a "Marquee information" section with a "Select Marquee" dropdown set to "Clothes". It also features a "Speed" slider, "Position" and "Direction" dropdowns, and a "Repeat" field set to "10". Both windows have a "Please select device" or "Select Device to dispatch" section with a tree view showing "admin", "聯合利華", "多芬Dove", and "Marketing", and a "Device" dropdown set to "Janice". An "Execute" button is present in the top right of each window. A red box highlights the "Program" dropdown in the "Urgent Breaking" window and the "Select Marquee" dropdown in the "Urgent Marquee" window. A red arrow points from the text "Select program and scrolling" to the "Select Marquee" dropdown.

Select program and scrolling

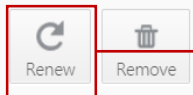
# II. Software Skills

## 05 Dispatch

### Dispatch Status

Department:  Data Type:  Urgent Breaking:

	Overall Schedule / Urgent Breaking	Device	Account	Dispatch Time	Start Time	Status
<input type="checkbox"/>	Spring	Janice	admin	2018-04-24 13:23:00	2018-04-24 13:23:00	Dispatching 59 / 71



Renew the update status manually



Current dispatch status

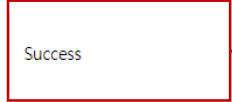
### History

Department:  Data Type:  Date:  ~  Urgent Breaking:

	Overall Schedule / Urgent Breaking	Device	Account	Time	Times	Result
	Spring	Janice	admin	2018-04-24 13:24:23	1	Success

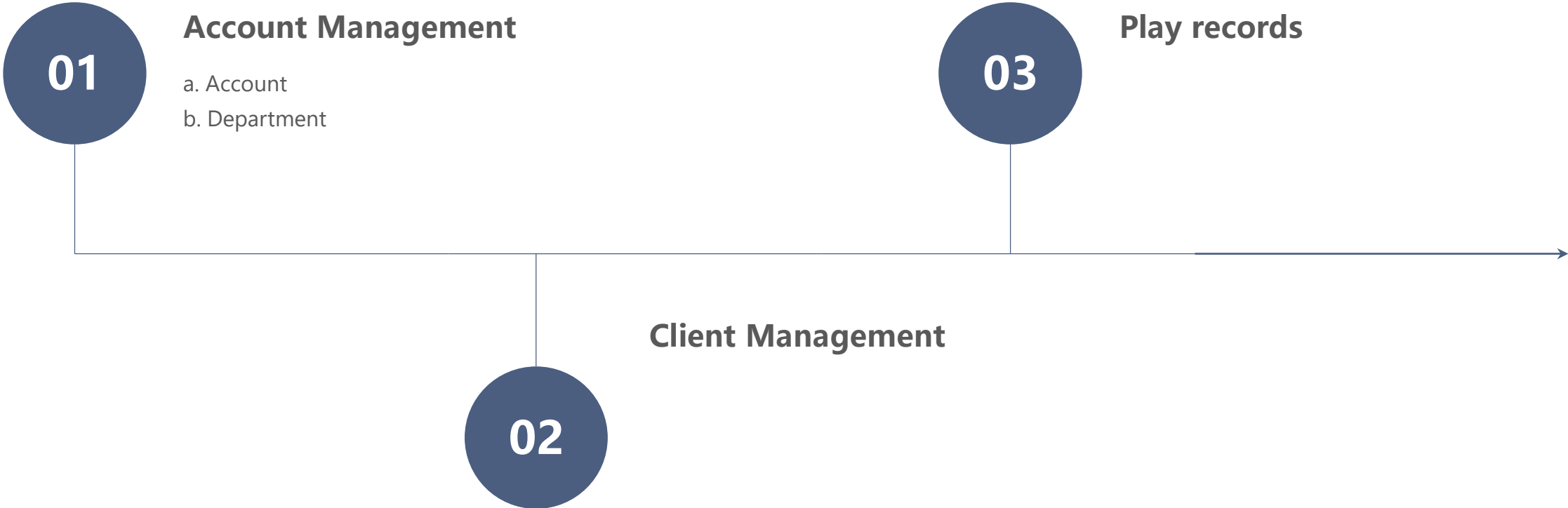


Enter the time period



Dispatch result

# III. System Management



# III. System Management

0  
1

## Account Management

Account Department

Account

+ New Remove

Account	Description	Department	E-Mail	Last login time
admin	admin			2018-04-21

Account Department

Account Edit

Save & Exit Save Close

Information

Account \* janice

Description

Password \* .....

E-Mail

Department

admin

Marketing

Authority

Manager User

- Media
- Program
- Single Day Schedule
- Overall Schedule
- Event
- Interaction
- Dispatch Schedule
- Urgent Breaking
- Urgent Marquee
- Dispatch Status
- History
- User
- Client Device
- System Setup
- Statistics Data

Select Department

Set account authority  
Manager: with all authority  
User: no management authority

# III. System Management

0  
1


## Account Management

Account Department

Department

Name	Description	Creation time	Amount
admin	admin	2017-11-02 14:37:11	2
Marketing		2018-04-24 10:24:15	0

New Remove

 Every department is independent, it doesn't support cross-department setting and editing except admin account.

Account Department

Department Edit

Save & Exit Save Close

Information

Name \*

Description

# III. System Management

02

## Client Management

Device Group

Device

Client List Power On Restart Upgrade New Remove

Status	Name	Overall Schedule	Dispatch Time	Final Connection	Version	Department
✓	Janice	Spring	2018-04-24 13:24:23	2018-04-24 13:41:19	1.8.2	admin
!	ANDREA	test1	2018-02-13 10:48:28	2018-02-13 11:13:23	1.7.4	admin

Support remote upgrade client version.

Device Edit

Save & Exit Save Close

Information

Name \* HS

Client ID \* 0291U83

Client IP

Client volume 50

Version

Auto shutdown Auto wakeup

Monday Tuesday Wednesday Thursday

Friday Saturday Sunday

Department admin

Group

- Unilever
  - China
  - Taiwan
    - Taipei
    - Tainan
  - America

One client can belong several groups.

Device Group

Group

Group Remove Device + Add Remove

- admin
  - Unilever
    - China
    - Taiwan
      - Taipei
      - Tainan
    - America
  - Marketing

New Group

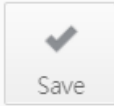


# III. System Management

0  
3

## Play records

### Basic Setup



Collect Play Record

Upload Record Time

It has to set up the collection time, it will update the data once a day. (No real-time data)

### Statistics Data

Select media and client device

File Name

Device

It can search every media file's record in every client.

Select range of Date Time

Start Time:   :  :

End Time:   :  :

File Name	Group of Display / Display Name	Program Name	Start Time	End Time	Total Number of Broadcasted	Total Time of Broadcasted
-----------	---------------------------------	--------------	------------	----------	-----------------------------	---------------------------

# Chapter 3 Interaction

# Contents

- Section I Touch interaction
- Section II Sensor interaction
- Section III Mobile APP interaction

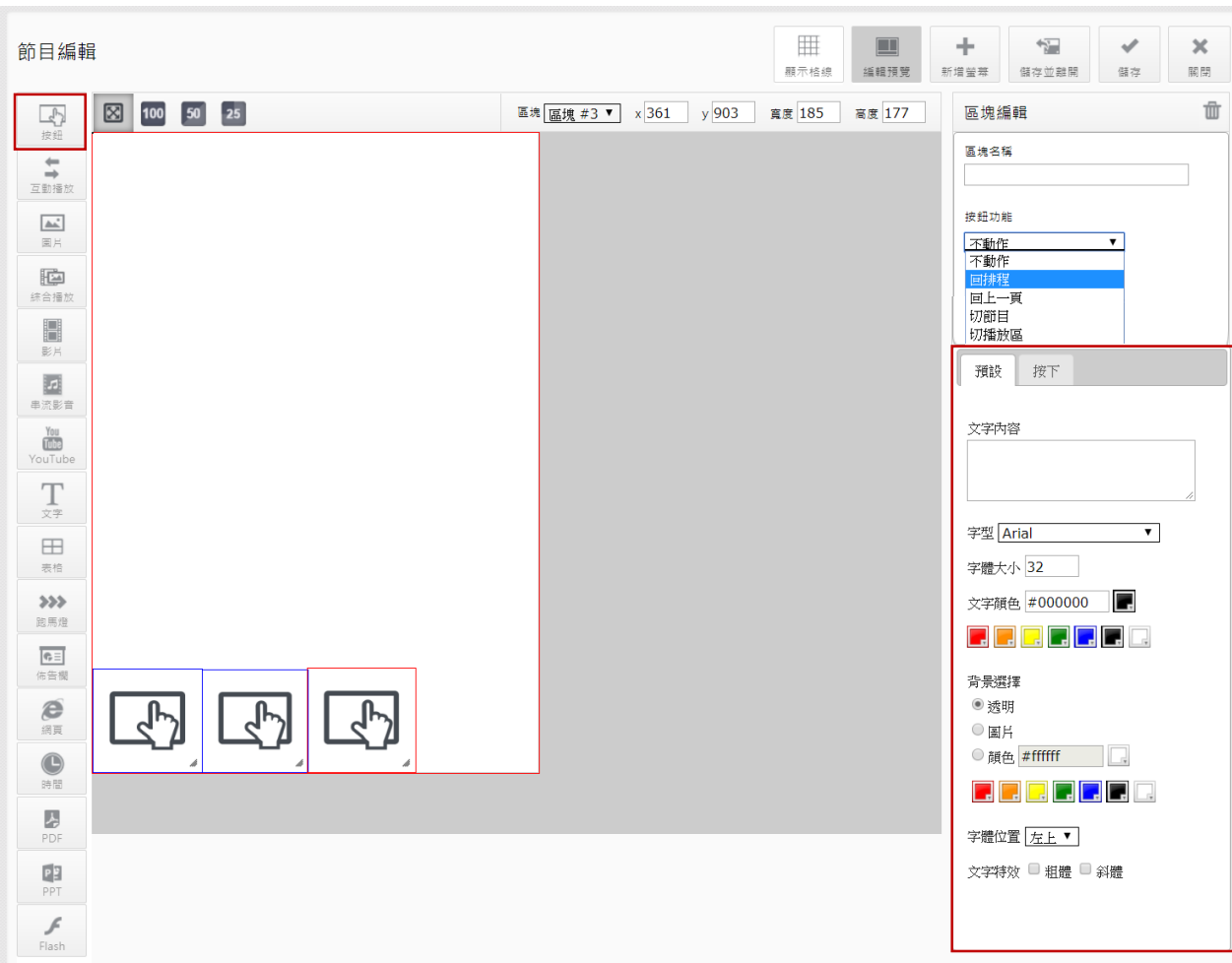
# I. Touch interaction

Button function :

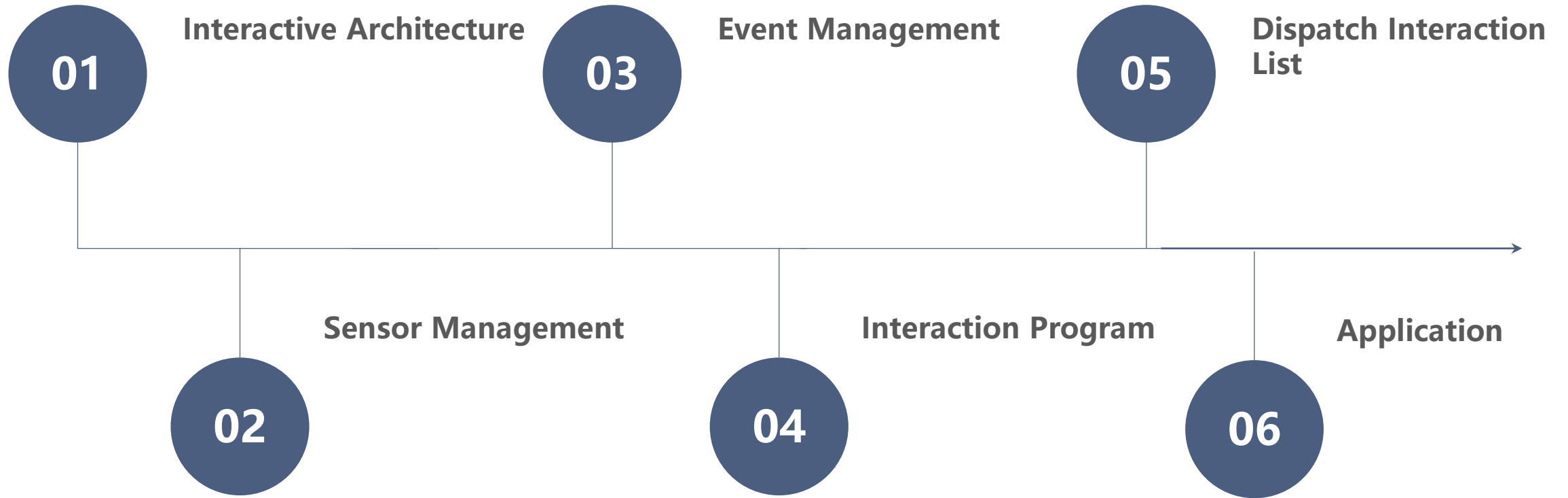
1. None (nothing happened after click)
2. Back to schedule
3. Back to last page (Not support back to the page before the last page.)
4. Switch Program (Has to assign the program)
5. Switch Partition (Has to assign the partition and playlist)

Button Effect :

1. Default : Icon of button before click
2. Pressed : change the icon after click .



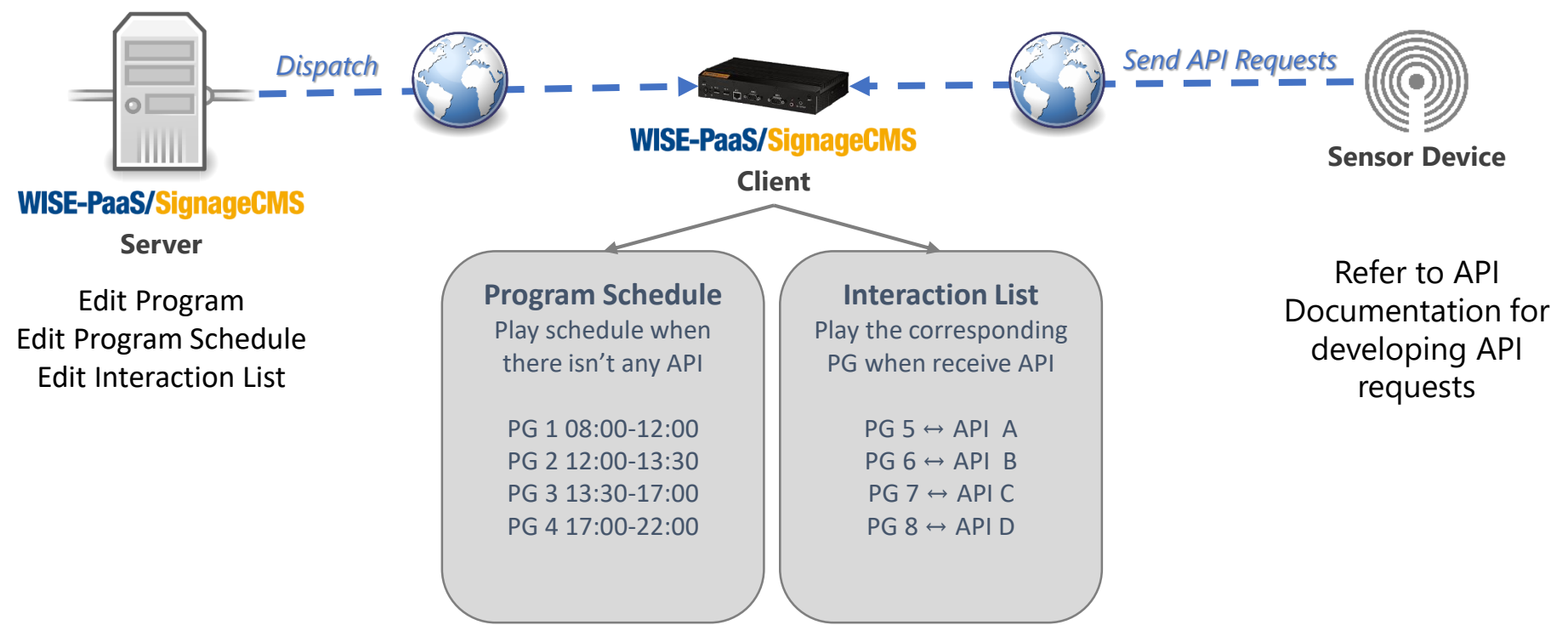
## II. Sensor interaction



# II. Sensor interaction

0  
1

## Interactive Architecture



# II. Sensor interaction

0  
2

## Sensor Management

The screenshot displays the 'Sensor Management' interface. At the top, there is a dropdown menu for 'Event' set to 'admin' and a toolbar with 'New', 'Copy', 'Remove', and 'Save' buttons. Below this is a table with columns: Sensor Management, Event Name, Rule Setting, Sensor Name, Output Type, Value, and Concat. The table contains three rows: 'UShopFace' (Male), 'Touch' (Female), and 'Camera' (Boys). A 'Setting' button is highlighted in the 'Sensor Management' column. A modal dialog titled 'Sensor Management' is open, showing 'Sensor Name' and 'Output Type' fields. The 'Sensor Name' field contains 'UShopFace' and the 'Output Type' field contains 'Gender' and 'Age'. A 'Confirm' button is visible in the top right of the modal.

Sensor Management	Event Name	Rule Setting	Sensor Name	Output Type	Value	Concat
UShopFace	Male		1. Camera	Gender	= Male	<input checked="" type="radio"/> AND <input type="radio"/> OR
Touch	Female		1. Camera	Gender	= Female	<input checked="" type="radio"/> AND <input type="radio"/> OR
Camera	Boys					<input checked="" type="radio"/> AND <input type="radio"/> OR

### Sensor Name Settings:

Set the sensor name, it must be equal to the sensor name of API setting. (case sensitive )

### Output Settings:

Set the output of sensor, one sensor support several outputs. Name of output has to be equal with API setting. (case sensitive )



# II. Sensor interaction

## 03 Event Management

Event admin

+ New Copy Remove Save

Sensor Management	Setting	Event Name	Rule Setting	Sensor Name	Output Type	Value	Concat
<input checked="" type="checkbox"/> UShopFace	<input type="checkbox"/>	Male		1. Camera	Gender	= Male	<input checked="" type="radio"/> AND <input type="radio"/> OR
<input checked="" type="checkbox"/> Touch	<input type="checkbox"/>						
<input checked="" type="checkbox"/> Camera	<input type="checkbox"/>	Female		1. Camera	Gender	= Female	<input checked="" type="radio"/> AND <input type="radio"/> OR
<input type="checkbox"/>	<input type="checkbox"/>	Boys		1. Camera 2. Camera	Gender Age	= Male <= 15	<input checked="" type="radio"/> AND <input type="radio"/> OR
<input type="checkbox"/>	<input type="checkbox"/>	Girls		1. Camera 2. Camera	Gender Gender	= Female <= 15	<input checked="" type="radio"/> AND <input type="radio"/> OR
<input type="checkbox"/>	<input type="checkbox"/>	TEST					<input checked="" type="radio"/> AND <input type="radio"/> OR

Event List + New Rename Remove

- Janice
- Andrea
- test

Please Input Event Name

Event Name

Name :

Create the new event.

Rule Setting

+ New Remove

Sensor Name	Output Type	Value
<input type="checkbox"/> UShopFace	Gender	= Male
<input type="checkbox"/> Touch	ID	= 001
<input type="checkbox"/> Camera	Age	<= 30
<input type="checkbox"/> Camera	Age	>=

Setting the event rule:  
Value has be equal with device sensor setting (case sensitive)

Event list: set list for managing different event or different application.

And: Event will be trigger when **all** conditions satisfied.

Or: Event will be trigger when **any** condition satisfied.

# II. Sensor interaction

0  
4




## Interaction Program

Interaction

Interaction script

- admin
  - Janice
  - South africa
  - FaceAnalyze
- Marketing

Interaction script name : FaceAnalyze      Event List : Janice

Priority	Program	Event	Play Behavior	Choice interaction block
<input type="checkbox"/>	 Default	Please select event ▼	<ul style="list-style-type: none"><li>Recover Yes [ 30s ]</li><li>Force Switch No</li></ul>	<input type="checkbox"/>
<input type="checkbox"/>	 Female	Female ▼	<ul style="list-style-type: none"><li>Recover Yes [ 30s ]</li><li>Force Switch Yes</li></ul>	<input type="checkbox"/>
<input type="checkbox"/>	 Male	Male ▼	<ul style="list-style-type: none"><li>Recover Yes [ 30s ]</li><li>Force Switch Yes</li></ul>	<input type="checkbox"/>







Interaction list: the program corresponds with event.

Add Program to interaction script

Directory

- Template
- admin
- Marketing

Sort by: name ascendingly      Search: \_\_\_\_\_

ADD TO SCRIPT	ADD TO SCRIPT	ADD TO SCRIPT
 eMenuBoard-02 2017-11-02 15:14:26	 eMenuBoard-03 2017-11-02 15:14:27	 eMenuBoard-04 2017-11-02 15:14:28
		

Select the program which will interactive with event.

Select the behavior of playing program:  
1. Whether go back to schedule?  
2. Whether force to switch program when previous program is still playing?

Select the program corresponding with event.

# II. Sensor interaction

0  
4

## Interaction Program

Interaction

Interaction script name: FaceAnalyze      Event List: Janice

Priority	Program	Event	Play Behavior	Choice interaction block
	 Default	Please select event	<ul style="list-style-type: none"><li>Recover Yes [ 30s ]</li><li>Force Switch No</li></ul>	
	 Female	Female	<ul style="list-style-type: none"><li>Recover Yes [ 30s ]</li><li>Force Switch Yes</li></ul>	
	 Male	Male	<ul style="list-style-type: none"><li>Recover Yes [ 30s ]</li><li>Force Switch Yes</li></ul>	

Interaction block setting

ProgramName: Female      Event List: Janice      Play Behavior: Recover Yes [ Auto ]  
Force Switch No

Interaction block	Playlist setting
	 Girls      Boys

In the same program, any partition also can correspond any event, partition will be switch by event trigger.

When one event corresponds two or above programs, it will plays program depend on priority.

# II. Sensor interaction

## 05 Dispatch Interaction List

Select Schedule  
Select Interaction List

### Dispatch Schedule

Server Time : 23:51:22(+08:00)

Dispatch Information	Program Schedule	Spring
	Interaction Program	FaceAnalyze

Export

### Time Config

Server Dispatch Time: 04/25/2018 23 51

Client Activation Time:

Immediate:

Other:  04/25/2018 23 51

### Select Device to dispatch

Group	Device
<input type="checkbox"/> admin	<input type="checkbox"/> ANDREA
<input type="checkbox"/> Marketing	<input checked="" type="checkbox"/> Janice

Select Client

# Debug logs

Client: C:\\Program Files (x86)\\ AIS\\ PowerSign Client\\ logs

Server: C:\\ Program Files (x86)\\ Apache Software Foundation\\ logs

