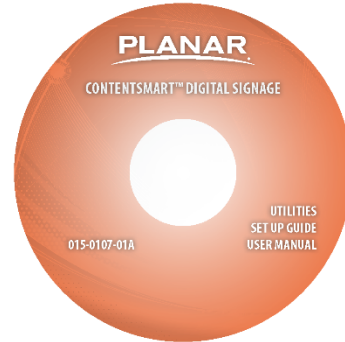


# Planar® ContentSmart™ 2.4 Software User Manual

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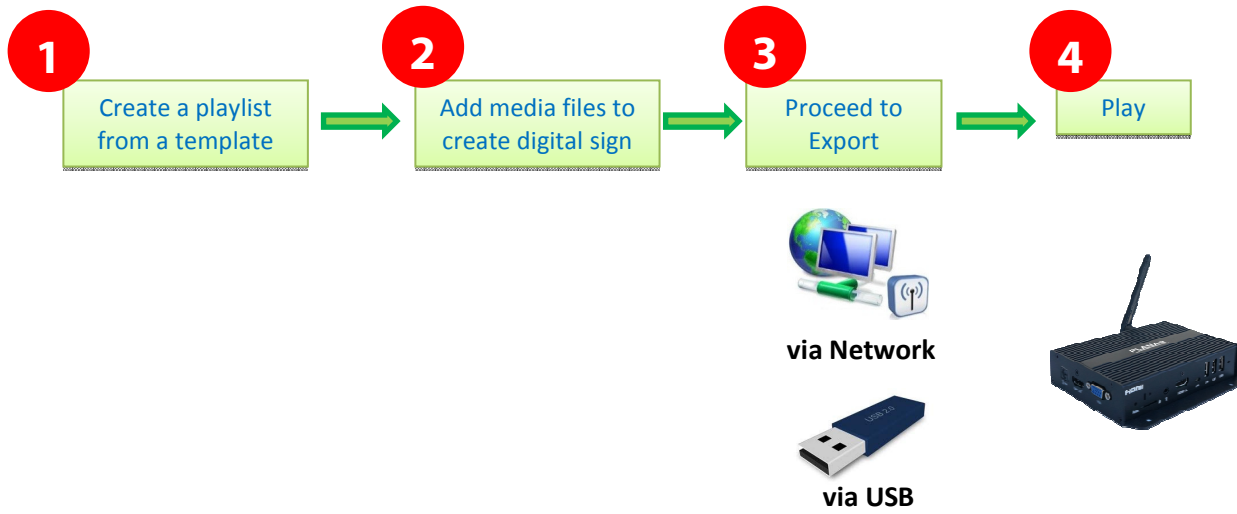
# 1 Overview

Welcome to Planar® ContentSmart™ Software, an easy-to-use application that allows you to create digital signage content using existing assets (video, images, PowerPoint, music). Using the standard or pre-designed templates, simply enter content into each zone within the template, then export the playlist to the Planar ContentSmart Media Player. With its built-in, easy to use scheduling capabilities, ContentSmart will help you deliver the right message to the right audience at the right time.

## 1.1 Feature Highlights

- Standard templates for designing content
  - Portrait or landscape orientation
  - UHD (3840 x 2160 and FHD (1920 x 1080) resolution
- Pre-designed templates
  - Hospitality
  - Retail
  - Quick Service Restaurant
- Publish Power Point slides directly onto the media player
  - Requires PowerPoint 2003/2007/2010/2013. Static image only – no animating effect
- Easy setup for multi-zone layout
- Image fit, crop, and stretch options
- Supports video input sequence in playlist scheduling
- Supports repeat looping, weekly, monthly or special event scheduling
- Schedule display on/off
- Auto detect player's IP, MAC address
- Supports H.264, MPEG 1/2/4 ASP & AVC scheduling
- Supports H.265 codec (4K content only)

## 1.2 ContentSmart Overview



## 2 Installation

### 2.1 Minimum System Requirements

Windows Vista, 7 or 8 Operating System	1.0 GHz AMD or Intel CPU
.NET Framework 4	1GB of system memory
(optional)Microsoft PowerPoint 2003/2007/2010/2013	20 GB hard drive space

### 2.2 Setup Process

Run the installer and follow the step-by-step instructions. Close the installer to finish installation.



## 3 UI Overview

### 3.1 Main Menu

The main menu is composed of a list of existing playlists and a list of players available for playlist assignment.

The screenshot shows the ContentSmart main menu interface. It features a top toolbar with 'Language' and 'Help' options. Below the toolbar is a 'New playlist name' field and a 'Create playlist' button. The main area is divided into two sections: 'Menu #1' and 'Menu #2'. 'Menu #1' displays a preview of a playlist titled 'SUMMER DELIGHT' with a list of associated players. 'Menu #2' displays a preview of a playlist titled 'THROW AWAY' with a list of associated players. On the right side, there is a list of existing playlists, each with a 'PLANAR ContentSmart' logo, a player name, IP address, and status (Online). A red bracket on the left side of the interface groups the main content area. A legend on the right side provides a key for the numbered callouts.

- 1 Tool bar
  - Language option
  - Help information
- 2 Playlist name field and Playlist create button
- 3 List of existing Playlists
- 4 Playlist preview and info
- 5 The associated players of the playlist
- 6 Not yet associated player list
- 7 Player name, IP, status
- 8 Player IP field and player add button

Drag players into/out of a playlist to make it associated/ unassociated with the playlist. Double click a playlist to edit it.

When mouse over a playlist, an "X" button will show up. Click the "X" to delete playlist.

Maximum 50 players can be associated with a playlist.



### 3.2 Template List

Template list contains all the presentation templates.

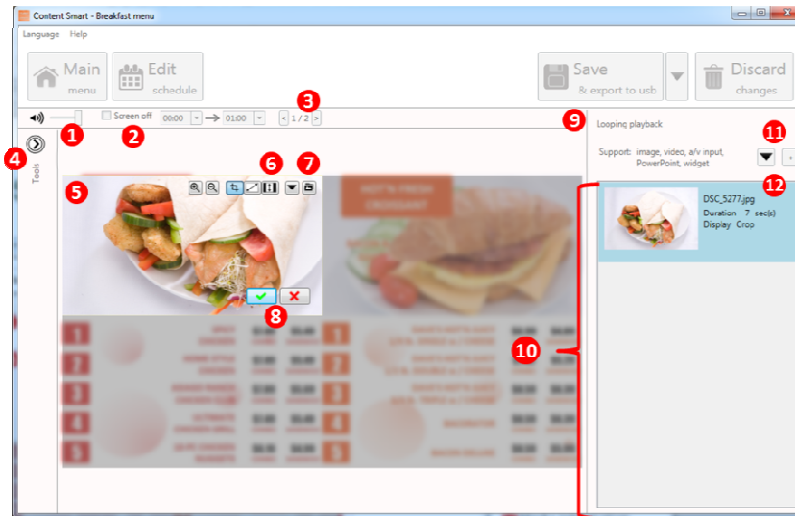
### 3.3 Presentation Editor

Presentation editor allows you to edit all the media content – i.e., text, image, video and widgets – in a presentation.

It also allows you to save the playlist, export the playlist, or enter the schedule editor if you need to schedule the playback.

The screenshot shows the 'ContentSmart - Breakfast menu' interface. At the top left, there are buttons for 'Main menu' (1) and 'Edit schedule' (2). At the top right, there are buttons for 'Save & export to usb' (3) and 'Discard changes' (5). A dropdown menu (4) is located between the save and discard buttons. The main area displays two featured items: 'TENDER JUICY CHICKEN' and 'HOT'N FRESH CROISSANT'. Below these are two columns of menu items with prices. A vertical toolbar on the left side of the menu items is labeled 'Tools' and has a red bracket (6) indicating the editing zone.

Item	Price	Price	Item	Price	Price
1 SPICY CHICKEN COMBO	\$1.49	\$5.49	1 DAVE'S HOT'N JUICY 1/4 lb. SINGLE w / CHEESE COMBO	\$6.99	\$4.89
2 HOME STYLE CHICKEN SANDWICH	\$1.49	\$5.49	2 DAVE'S HOT'N JUICY 1/2 lb. DOUBLE w / CHEESE COMBO	\$7.49	\$5.29
3 ASIAGO RANCH CHICKEN CLUB COMBO	\$1.89	\$5.69	3 DAVE'S HOT'N JUICY 3/4 lb. TRIPLE w / CHEESE COMBO	\$8.99	\$6.39
4 ULTIMATE CHICKEN GRILL COMBO	\$1.49	\$5.49	4 BACORATOR COMBO	\$8.59	\$6.39
5 10-PC CHICKEN NUGGETS COMBO	\$6.19	\$4.99	5 BACON DELUXE COMBO	\$8.99	\$5.99



- 1 Volume control
- 2 Screen off control
- 3 Switch presentations
- 4 Expand/Hide tool menu
- 5 Editing zone
- 6 Zoom or Fit options
- 7 Change content
- 8 Confirm/Cancel change
- 9 Expand/Hide media list
- 10 Media list for this zone
- 11 Add more media files
- 12 Media information
  - Thumbnail
  - File name
  - Options

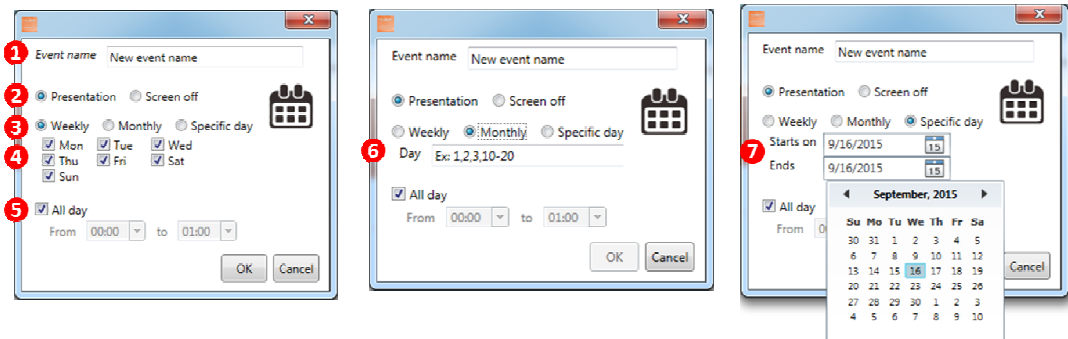
### 3.4 Schedule Editor

The Schedule Editor helps you create flexible playlist containing multiple presentations which will automatically play according to pre-defined events (time slots). User can add up to 50 event schedules and up to 50 presentations in presentation loop.

The screenshot shows the 'ContentSmart - Breakfast menu' application window. It features a top navigation bar with 'Language' and 'Help' options, and buttons for 'Save & export to player' and 'Discard changes'. The main interface is divided into a left sidebar and a central content area. The sidebar contains an 'Add schedule' button (1), a list of existing events (2) including 'Default presentation' and 'Lunch Special', and a 'Close' button (4). The central area has an 'Add presentation' button (5) and displays two presentation thumbnails (6) with their respective durations. A legend on the right side of the image explains the numbered callouts: 1. Add event schedule, 2. Existing events, 3. Event information (Time slot, Event Day/Date, Event Type), 4. Add new presentation to current event, 5. Existing presentations in current event, 6. Presentation thumbnail and duration.

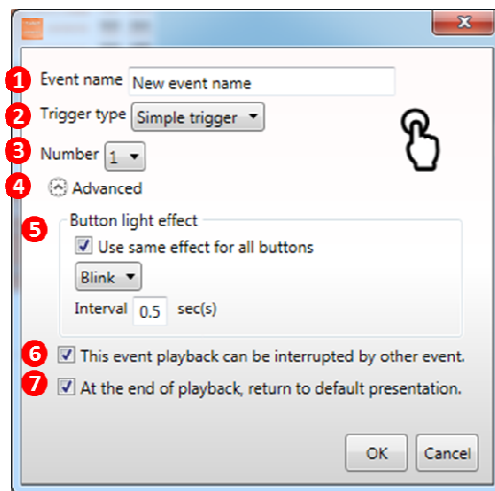
### 3.5 Event Editor

Event Editor lets you define how and when you want the event to take place.



- 1 Name of the event
- 2 Event type (available when add new event)
- 3 Recurrence type
- 4 Day picker for weekly event
- 5 Time slot
- 6 Day picker for monthly event
- 7 Day picker for specific day event

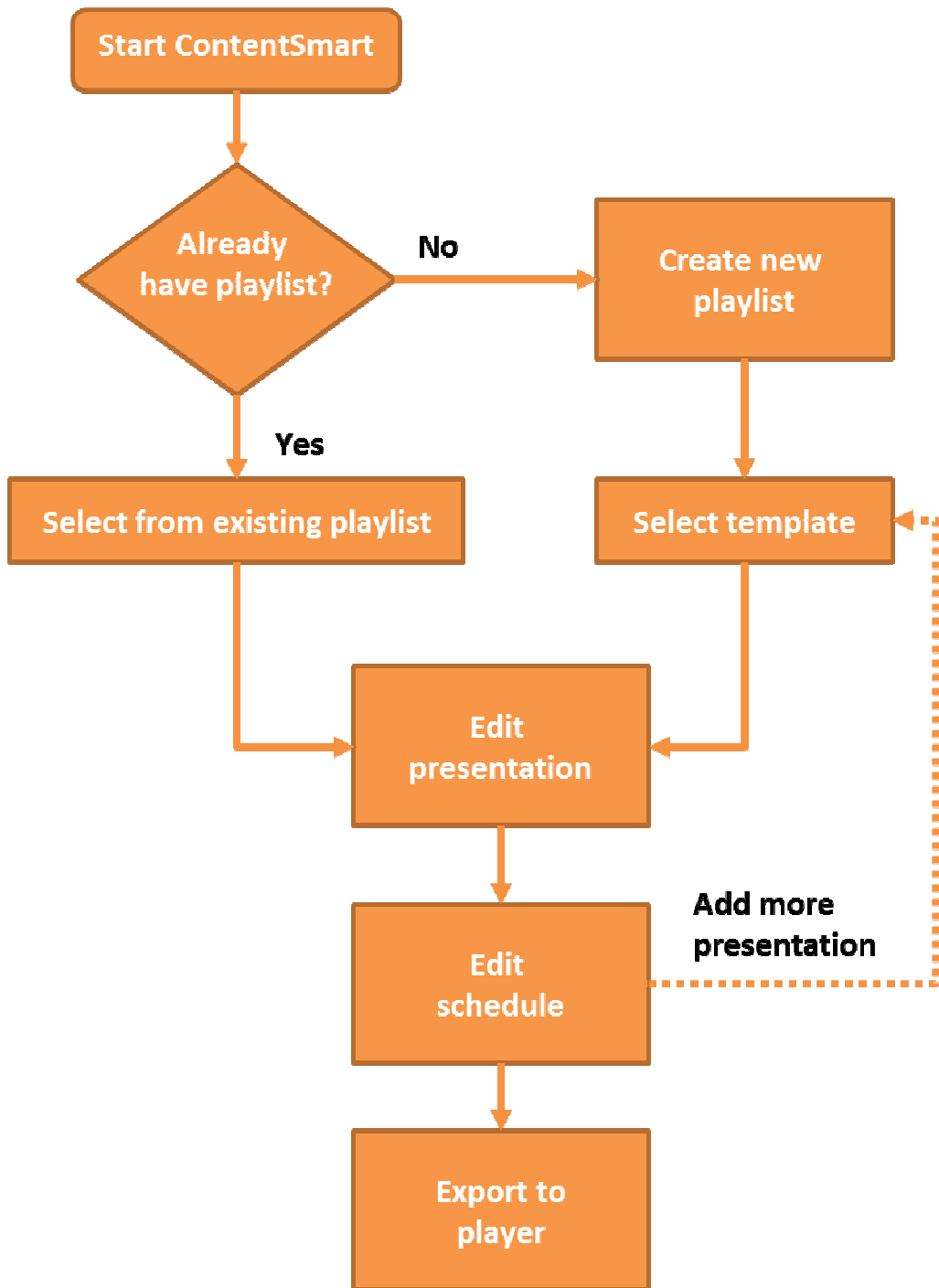
Trigger Event lets you to add event trigger into presentation, the trigger source can be touch button event and motion sensor event from digital signboard or input events from compatible GPIO board.



- 1 Name of the trigger event
- 2 Trigger type: simple trigger or motion sensor
- 3 Schedule up to 10 simple triggers
- 4 Advanced control for simple trigger
- 5 Advanced: control button light effect
- 6 Advanced: option to disable interrupt for the trigger
- 7 Advanced: option to disable loop back to default presentation



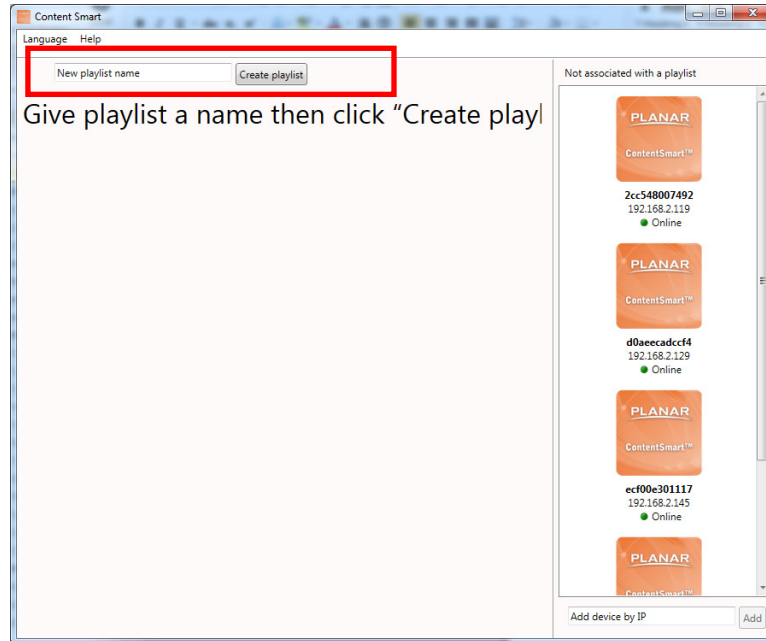
## 3.6 User Operation Flow



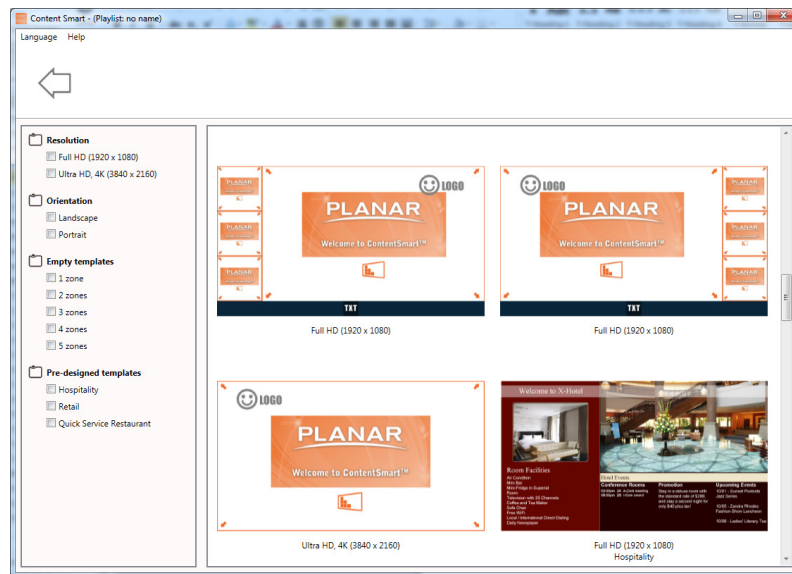
### 3.7 Edit Playlist

### 3.7.1 Create playlist

- 1 Input a playlist name(optional) and then click "Create playlist"

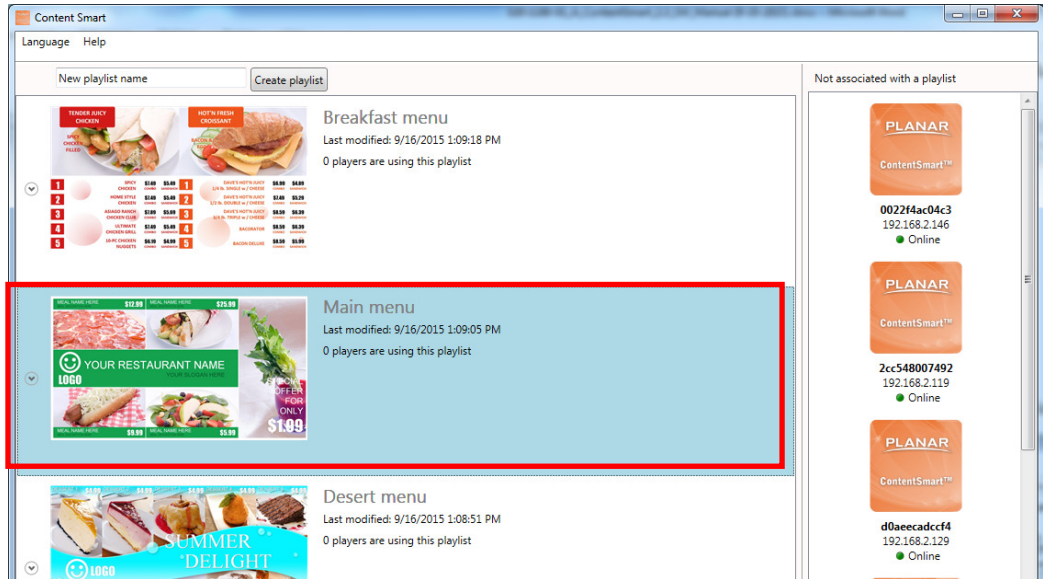


- 2 Double click a template to make your selection



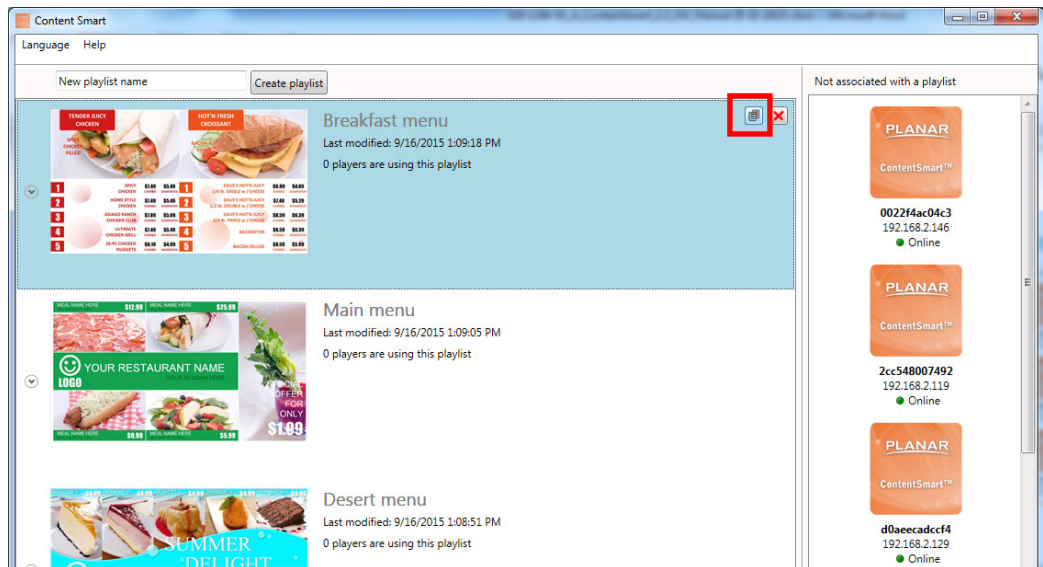
### 3.7.2 Edit from existing playlist

Double click on an existing playlist to edit



### 3.7.3 Duplicate existing playlist

Click on Duplicate button of an existing playlist to copy the playlist

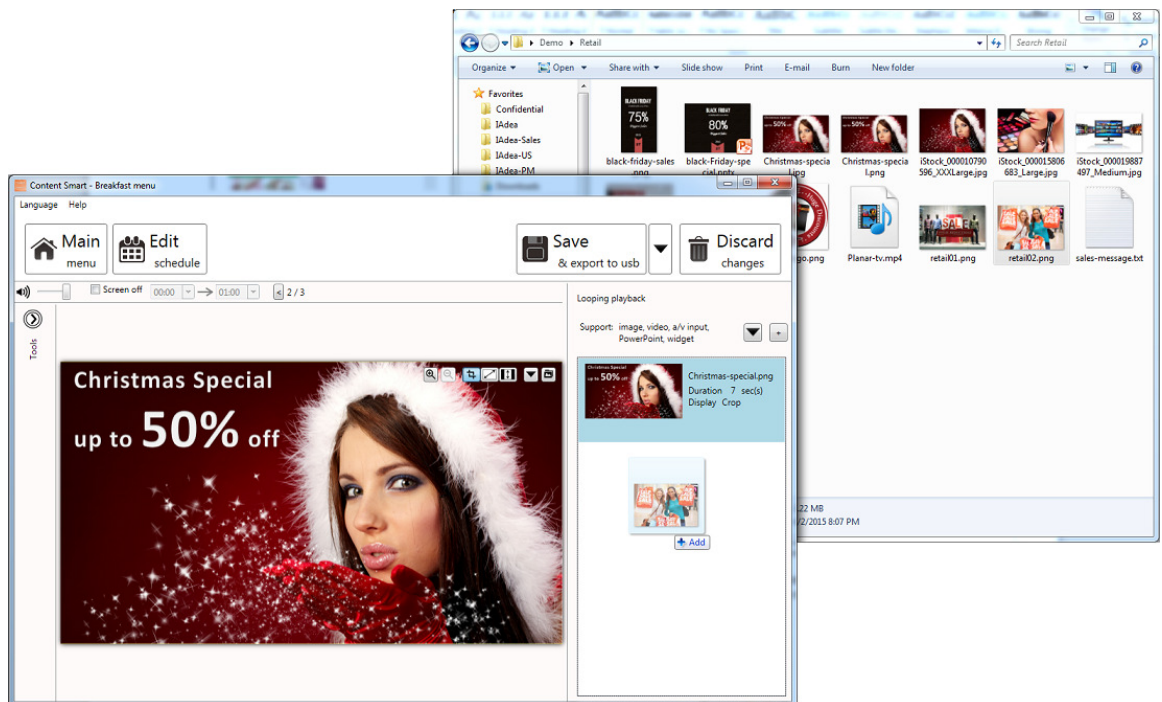




## 3.8 Edit Presentation

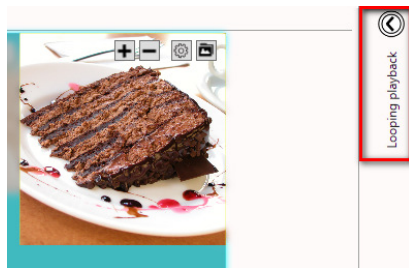
### 3.8.1 Add looping playback media items by drag and drop

Simply drag and drop media from file explorer to the zone. Dropping to the editing area will replace the image, dropping to the looping playlist will add to the playback list.

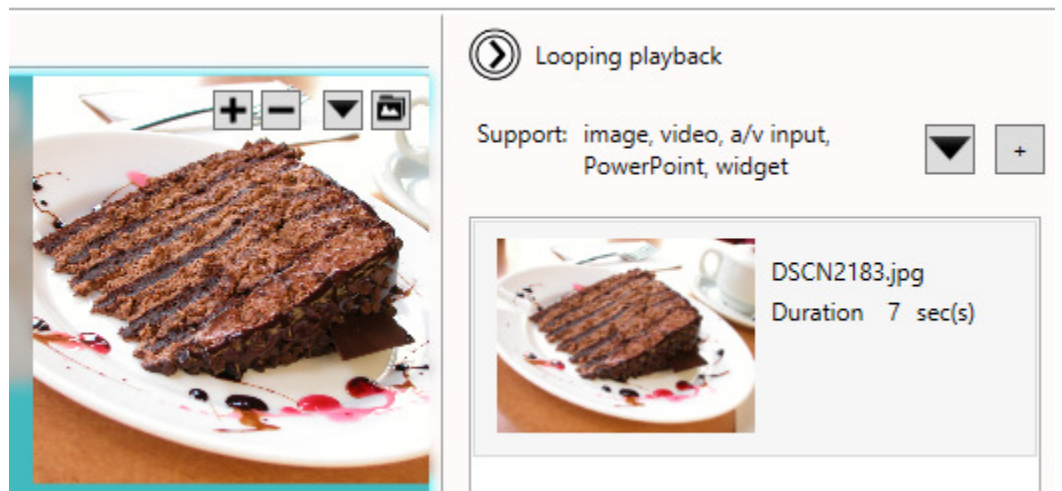



### 3.8.2 Add looping playback media items


- 1 Select a region then expanding the Looping playback option panel




- 2 Add new image/video/powerpoint/widget and edit their options



Click  to add more media to the region

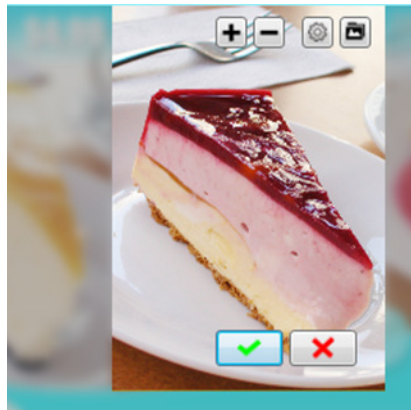
Click  to add special media to the region:

Widget 

A/V input 

### 3.8.3 Media item configuration

- 1 Focus/Zoom (image only) and Fit options can be configured from the editing zone directly

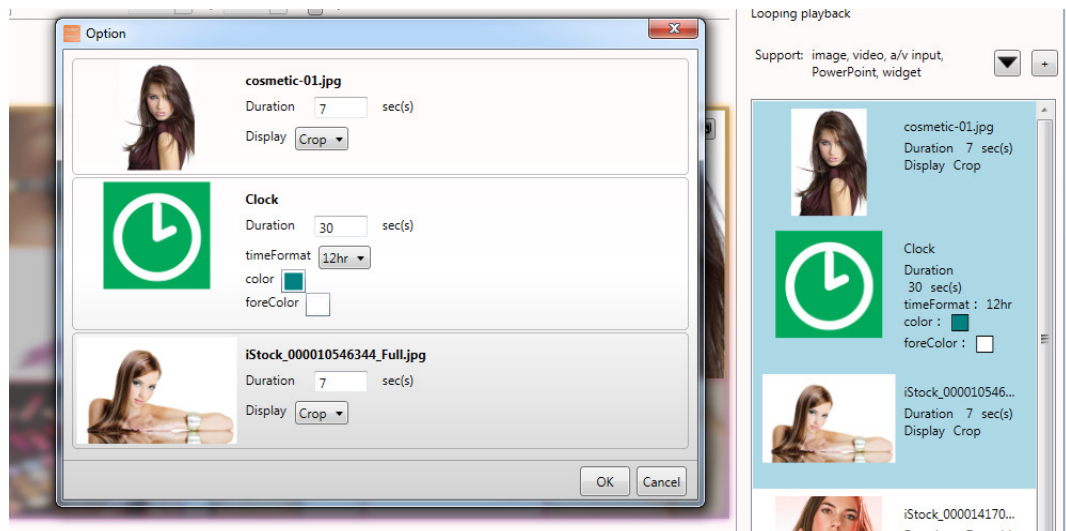


- 2 Playback duration and other options can be configured from the Option dialog. To launch the Option dialog:

- double click on media item
- Right click and select "Option.."

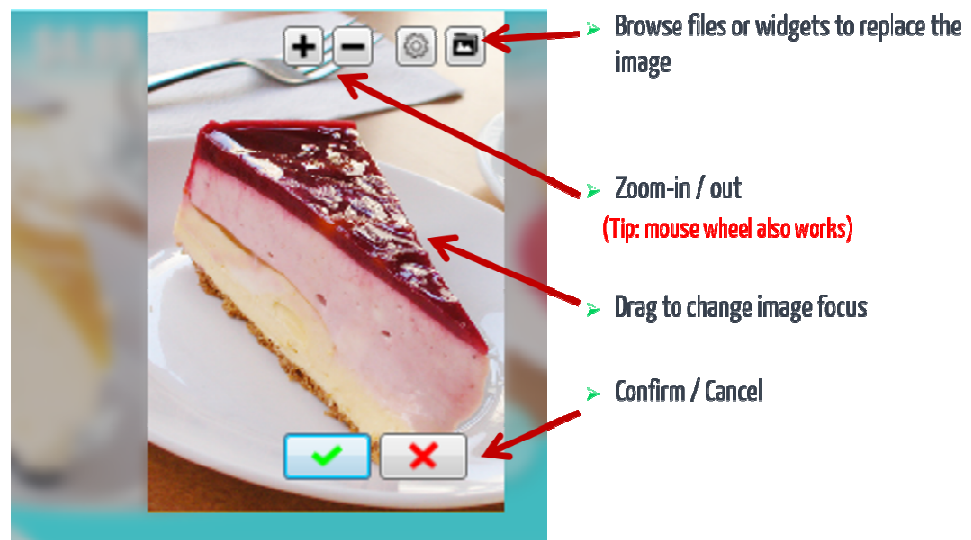
**Note:**

To select multiple items, click the first item, press and hold down the Ctrl key, and then click the next item



### 3.8.4 Edit image

- 1 Add an image file to a region and click on the item in the looping playback media list to start editing.
- 2 You can replace the image, zoom-in/out and adjust the focus. Click confirm when you are done.

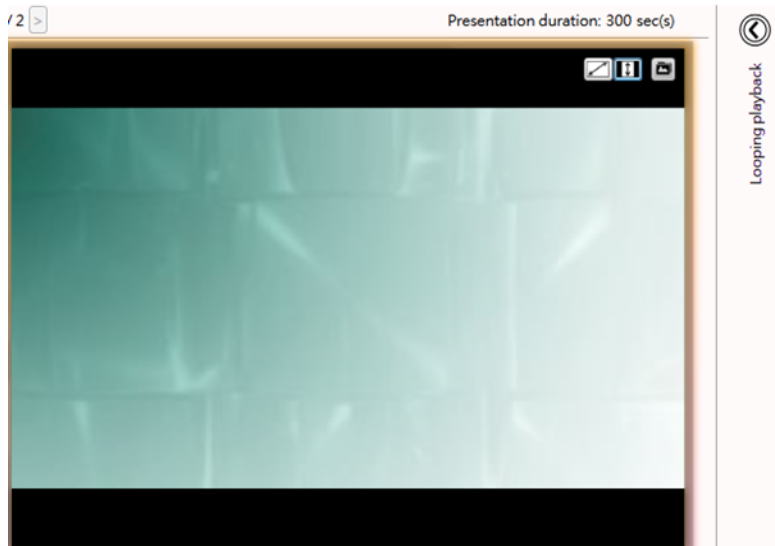


Configurable options	Options
Duration	Playback duration (seconds)

### 3.8.5 Edit video

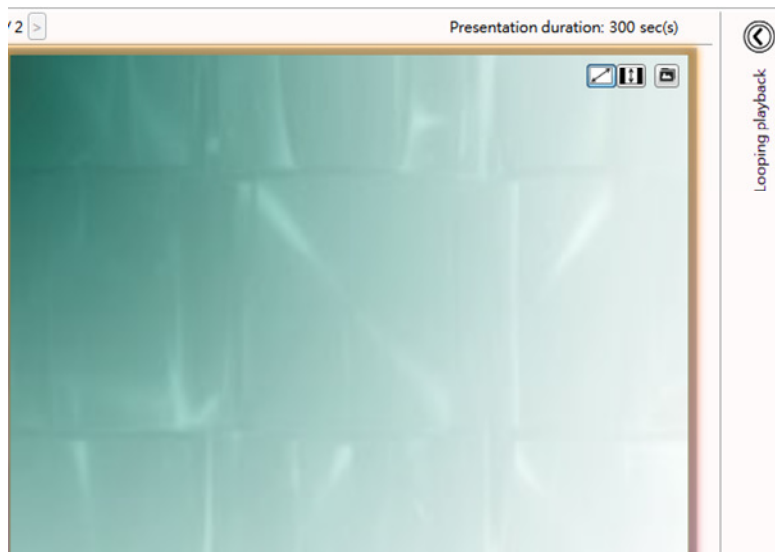
- Note:*
- Double click the video to preview the playback in Windows application
- 1 Add video files to a region and click on the item to start editing
  - 2 Choose to fit inside the region or stretch video to the region





**Note:**

*Only ONE zone is allowed to contain video files in a presentation*



Configurable options	Options
Display	Fit/Stretch

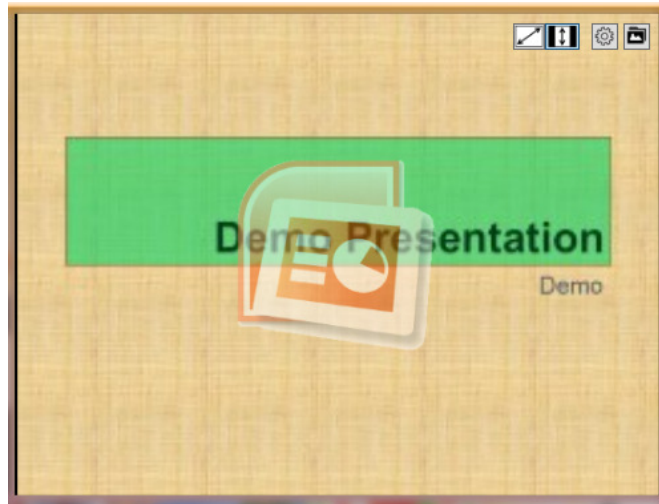
Double click the file to edit in PowerPoint

### 3.8.6 Edit PowerPoint file

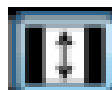
- 1 Add powerpoint file to a region and click on the item to start editing

Note:

Export PowerPoint slides (in static only) if you have PowerPoint 2003/2007/2010/2013 installed on the same computer



- 2 Choose to fit inside the region or stretch PowerPoint to the region



: Fit inside



: Stretch

Configurable options	Options
Display	Fit/Stretch
Unspecified slide duration	Playback duration for each slide(seconds)

Note:

LOGO zone does not support looping playback

### 3.8.7 Edit Logo

- 1 Click on the “LOGO” icon to edit the logo (logos only supported in limited templates)



- 2 You can replace the image, zoom-in/out and adjust the focus. Click confirm when you are done.

Configurable options	Options
N/A	

### 3.8.8 Edit Widget

- 1 Add widget files to a region and click on the item to start editing



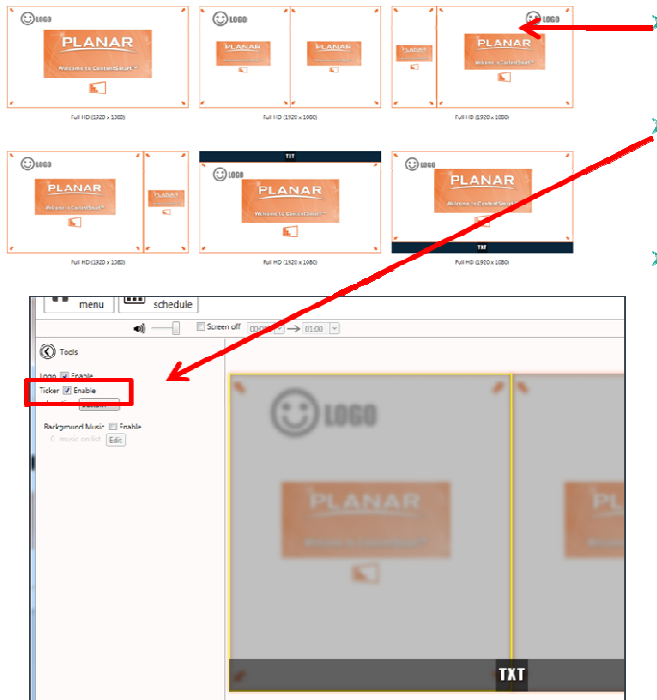
Configurable options	Options
Common	Playback duration : seconds
Options	Color: background color foreColor: text color
Clock	timeFormat : 12h/24h
Calendar	timeFormat : 12h/24h Align: right/center/left
Weather	Cities: type city name listed in - <a href="http://www.worldweatheronline.com/country.aspx">http://www.worldweatheronline.com/country.aspx</a> Key : worldweather online API Key
RSS	Urls: RSS URL Writing direction:Right to Left/Left to Right



Webpage

URL: website URL

### 3.8.9 Adding Ticker

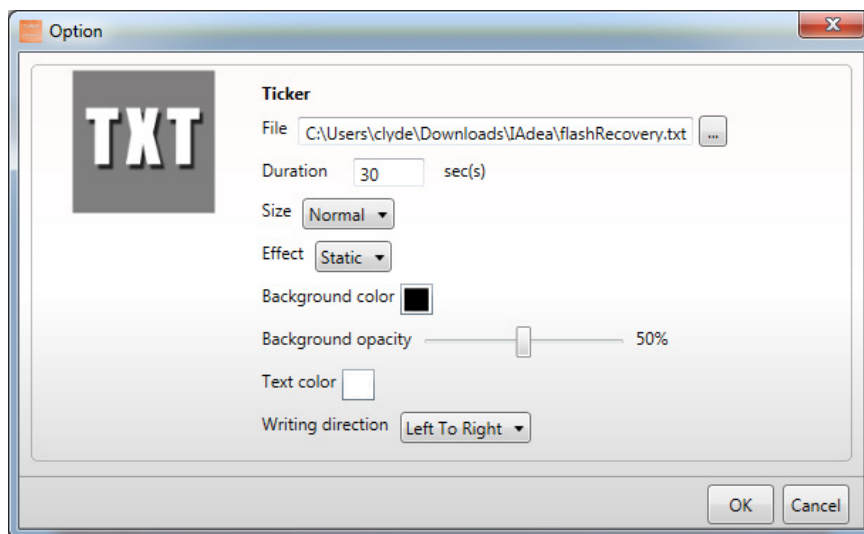
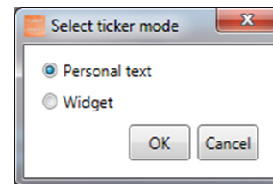


Choose any of the empty templates to use ticker

In the Tools panel, check Ticker to enable it (if the ticker is fixed on layout, you will not able to disable it)

Select a preferred ticker mode from one of the options:

- Personal text: to display text content from a .txt file
- Widget: to display a widget in the ticker zone (ex. RSS widget or custom widgets)



Configurable options	Options
File	Path to the .txt file
Duration	Playback duration in seconds
Size	The text size of the ticker Available options: small/normal/large
Effect	Transition effect of the ticker Available options: Static: no transition effect between lines Crawl: ticker crawls from right to left Scroll: ticker scrolls up
Background color	Select ticker zone background color from color palette
Background opacity	Level of transparency of the ticker background
Text color	Select text color from color palette

After enabling the ticker, you can:

- 1 Change the location of the ticker to Bottom or Top
- 2 Adding more .txt file or widgets to the zone

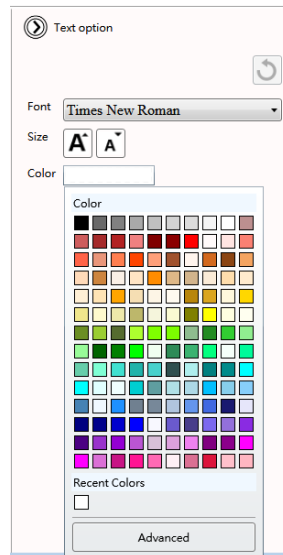


### 3.8.10 Edit text

- 1 Editable text will get highlighted with yellow box when hovering on it. Click the text to start editing.



- Expand option to change font type, size and color.

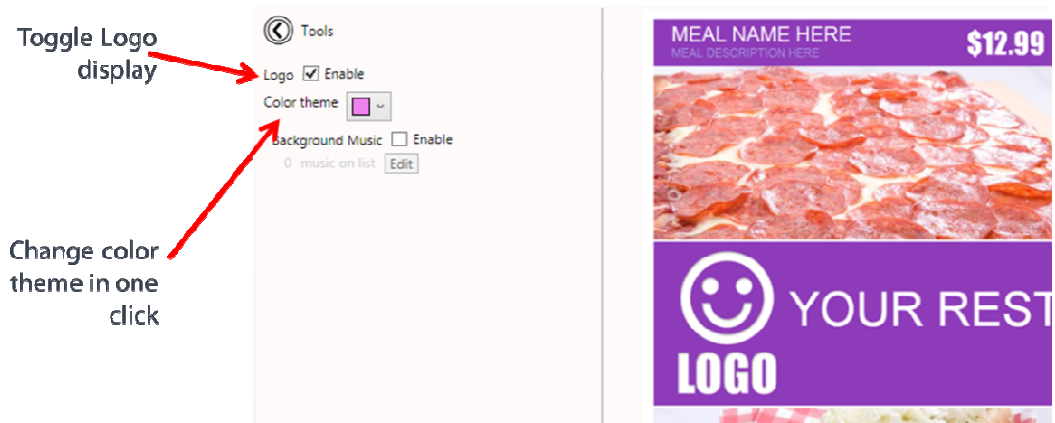


- If the text belongs to a text group, changing its style would affect on all text in the same group.



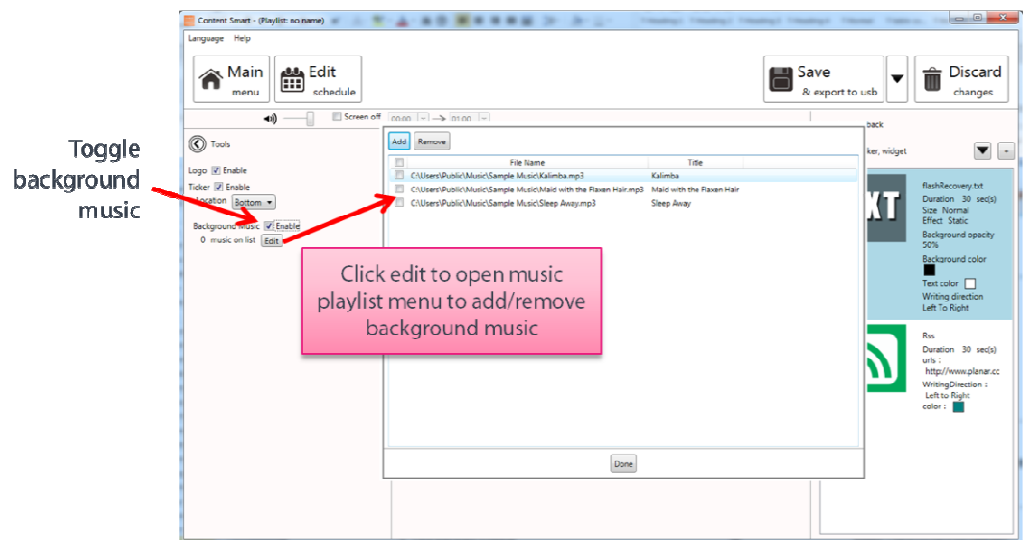
### 3.8.11 Switch theme and Toggle logo display

Expand Tools panel to toggle logo display and choose a different color theme



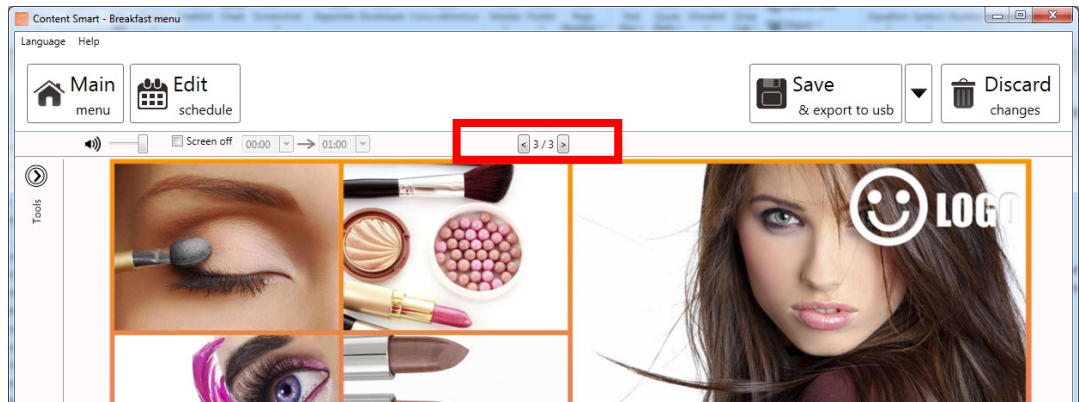
### 3.8.12 Adding background music

Background music only works with images or PowerPoint presentations. If a presentation contains video, an information message will show up, asking you to remove the video from presentation before adding background music.



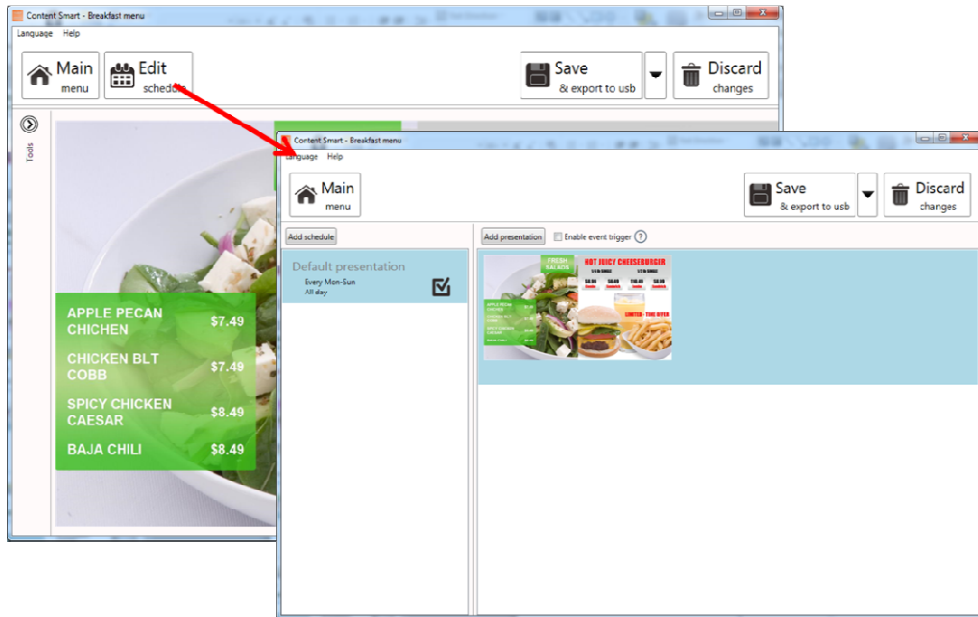
### 3.8.13 Switch between presentations

If more than one presentation exists in same event schedule, switching between presentations can be done by the switch as shown below.



## 3.9 Edit Schedule

Click Edit schedule to enter schedule editor.



### 3.9.1 Add an event schedule

1. Click Add event schedule
2. Edit the event schedule
3. Select template
4. Edit the newly added presentation

1. Specify event name
2. Choose an event type ( available only when add event)
  - Presentation
  - Screen off
3. Select recurrence type and the day
4. Select the playback period
  - All day
  - Specific time slot



### 3.9.2 Edit recurrence type

Specific days(s) event has the highest priority, Monthly the 2nd and Weekly the lowest when schedules are overlapping.

Weekly  Monthly  Specific day  
 Mon  Tue  Wed  Thu  
 Fri  Sat  Sun

Weekly  Monthly  Specific day  
 Day

Weekly  Monthly  Specific day  
 Starts from    
 Ends at    
 June, 2014  

Su	Mo	Tu	We	Th	Fr	Sa
25	26	27	28	29	30	31
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	1	2	3	4	5

#### ➤ Weekly

- Check/uncheck the weekdays

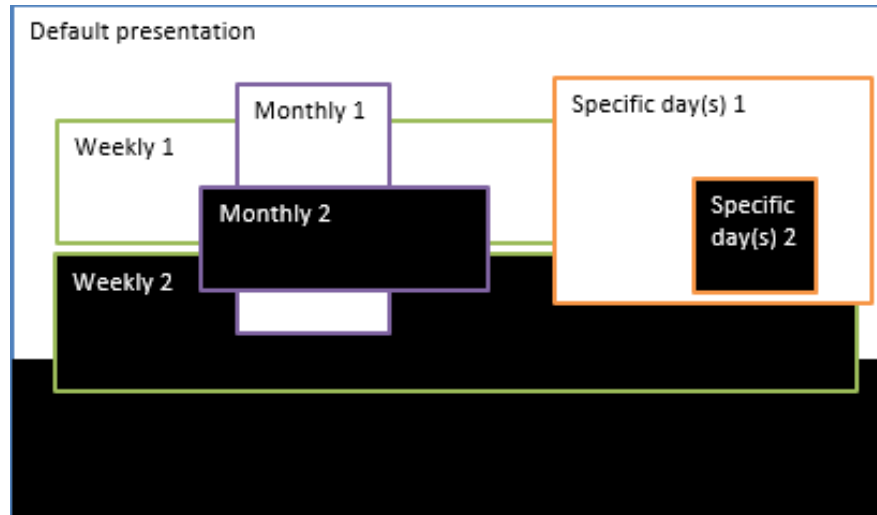
#### ➤ Monthly

- Enter days separated by comma ,
- Or period connected by dash -
- Ex: 1,5,9,15-18 will play on 1<sup>st</sup>, 5<sup>th</sup>, 9<sup>th</sup>, 15<sup>th</sup>, 16<sup>th</sup>, 17<sup>th</sup>, 18<sup>th</sup> of each month

#### ➤ Specific day

- Pick start day and end day from the calendars

### 3.9.3 Schedule priority

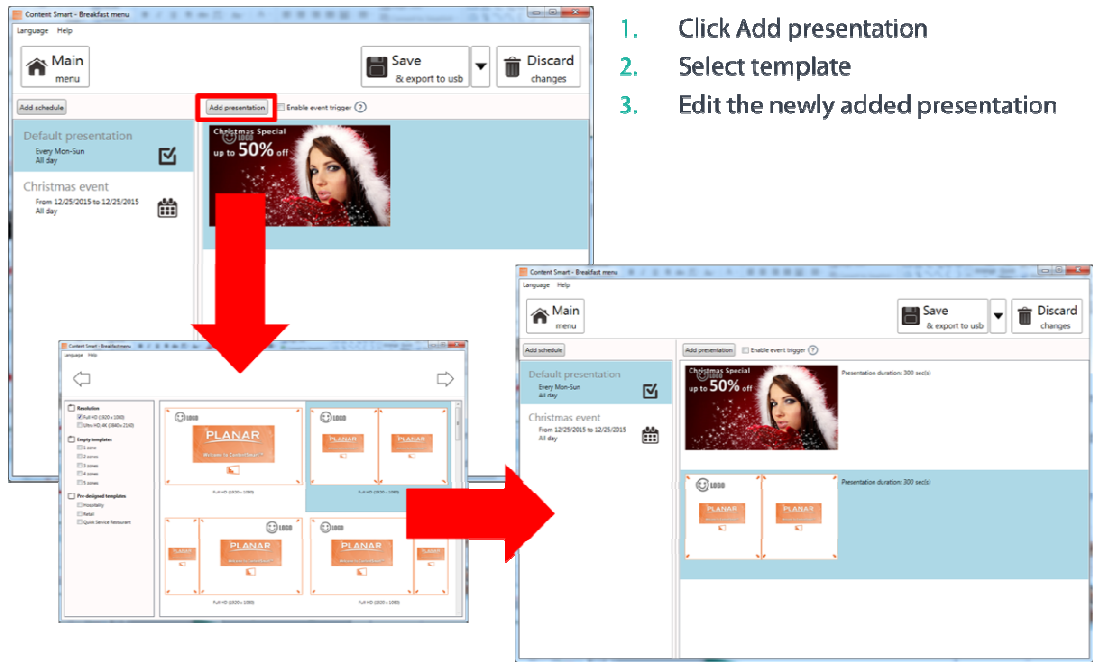


- Default presentation is the initial schedule which is defaulted to play 24/7. It has the lowest priority, will be surpassed whenever there are overlapping with other schedules.
- As shown on the diagram above, a specific day(s) event has the highest priority of playback when schedules are overlapping, followed by a monthly schedule, then its weekly schedule.
- Among the same recurrence type, a newly added schedule takes higher priority (e.g. Weekly 2 is the newly added schedule)

<p>Default presentation</p> <p>Every Mon-Sun All day</p>	
<p>Weekly 1</p> <p>Every Mon-Sun 00:00 - 18:00</p>	
<p>Weekly 2</p> <p>Every Mon-Sun 00:00 - 18:00</p>	

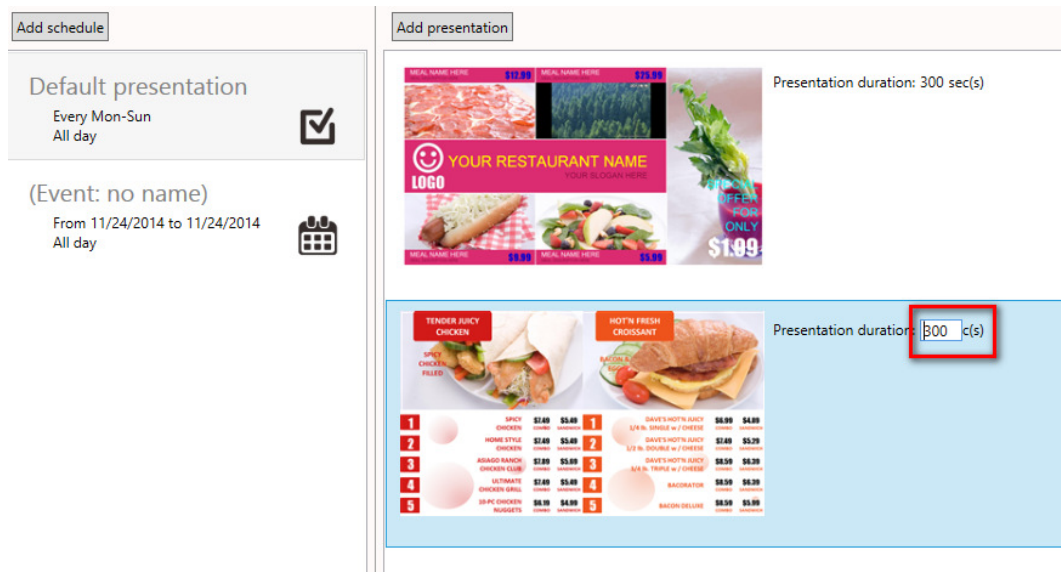


### 3.9.4 Add presentations to an event



1. Click Add presentation
2. Select template
3. Edit the newly added presentation

When a looping presentation has more than 1 presentation, the duration box will appear. Click on the Presentation duration number to change duration. Default duration is 300 seconds.

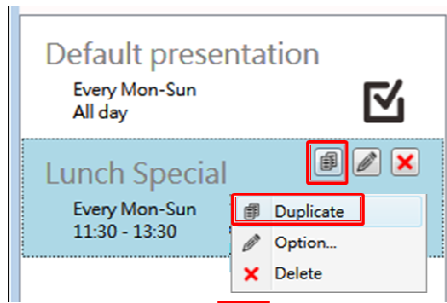


### 3.9.5 Duplicate a presentation to an event

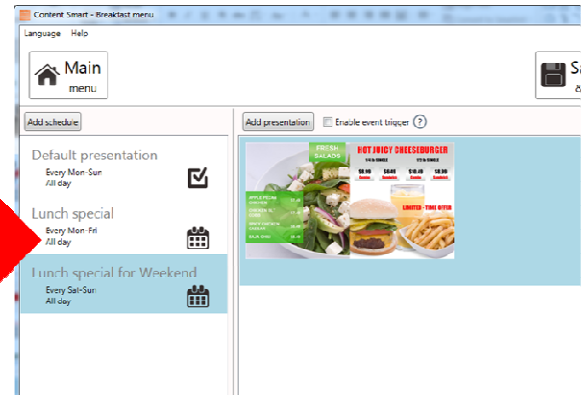
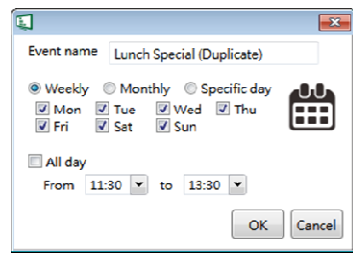
The screenshot shows the software interface with a context menu open over a presentation card. The menu options are: Duplicate to, Delete, Current schedule, Default presentation, Lunch Special, and New event schedule... A red arrow points from the 'Duplicate to' option to the 'Current schedule' option. Another red arrow points from the 'Current schedule' option to the duplicated presentation card in the main interface.

1. Right click a presentation and select "Duplicate to"
2. Select a destination:
  - Current schedule
  - An existing schedule
  - New event schedule

### 3.9.6 Duplicate an event

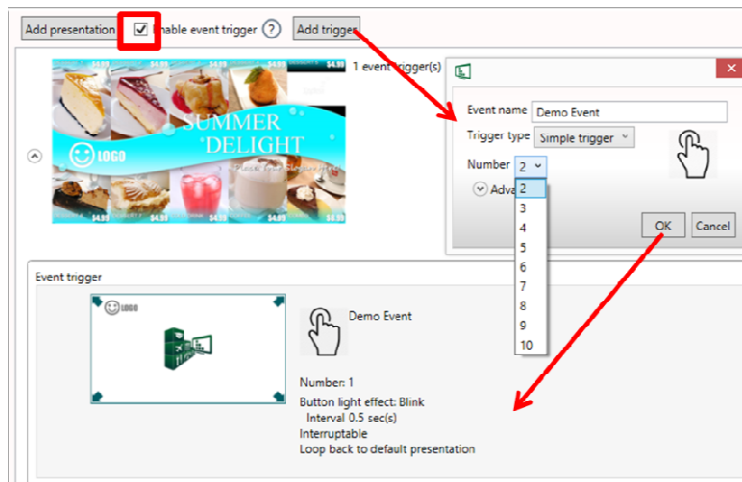


1. Right click a schedule and select "Duplicate" OR click duplicate button of a schedule
2. Edit schedule of new event
3. Click OK to save new event



### 3.9.7 Adding trigger event

1. Enable event trigger
2. Add trigger to current presentation



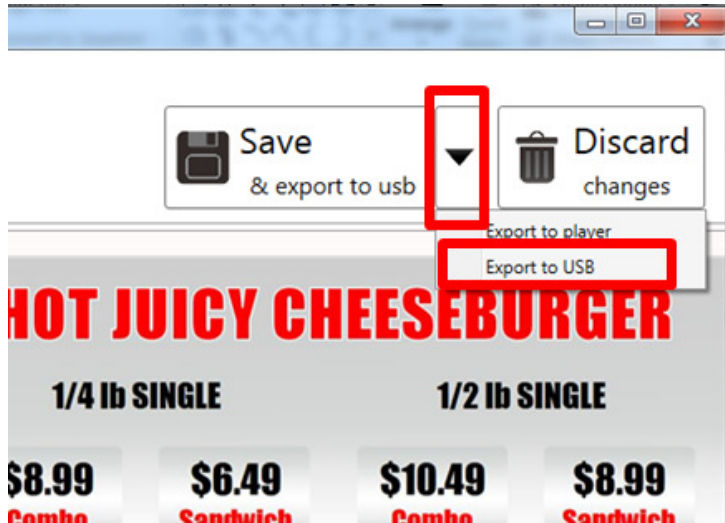
## 3.10 Export Playlist

### 3.10.1 Export playlist via USB

Click export button and click Export to USB, and then select the correct location for export.

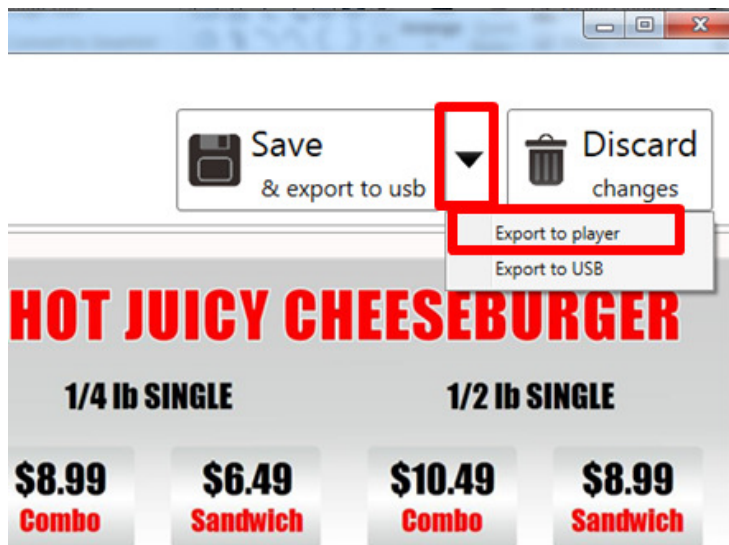
Note:

SignApps will remember your action, so next time you only need to click 'Save' to export



### 3.10.2 Export playlist via Network

1 Click export button and click Export to player.



2 Scan devices on your network or add them by typing their IPs

Note:

*If a player is already associated with another playlist, it will not show in this list, please add by its IP address*

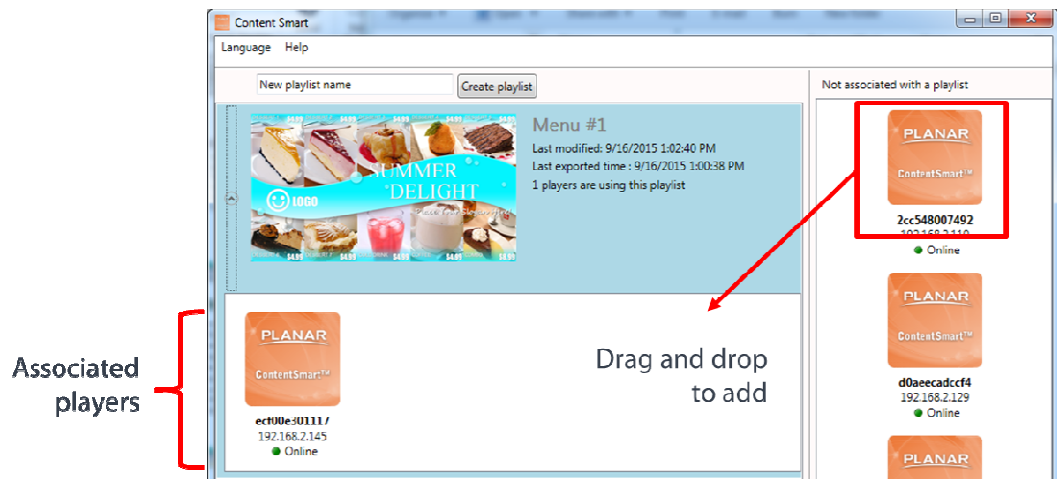


- 3 Select devices for export
- 4 After export, the selected players will be associated with this playlist

### 3.10.3 Player association

After export, the players are associated with the playlist and will be listed under the playlist in the main menu

You can also assign player to playlist by dragging player and drop to playlist in the main menu







## 4 Customer Support

### 4.1 Software and Firmware Updates

Updates provide enhanced features and reliability for ContentSmart Players.

Firmware upgrade poses certain risks and in rare cases, failure during the upgrade process may cause the device to stop functioning and need to be returned for warranty service.

Please refer to [www.Planar.com/ContentSmart](http://www.Planar.com/ContentSmart) for any software and firmware updates.

### 4.2 Troubleshooting

This section is intended as a quick reference for frequently encountered issues.

#### *4.2.1 Known issues*

1. ContentSmart Media player hardware configuration is not yet supported through the software. Please refer to the player's user manual for hardware configuration.

2. The News & RSS widgets are designed to display in ticker zone. Scheduling them in other area may result in cutting off some text.

#### *4.2.2 Player Mode Settings*

If your player cannot synchronize contents, you may need to switch to another operation mode. Please refer to the player configuration section of user manual on changing the operation mode.

Regardless of the display resolution, all videos are played in 16:9 or 4:3 aspect ratio, depending on widescreen or standard ratio LCD displays.

#### *4.2.3 PowerPoint Slideshow Feature Availability*

The Planar ContentSmart Software has a PowerPoint slideshow feature that requires PowerPoint 2003, 2007, 2010 or 2013 installed. If PowerPoint is not detected, PowerPoint files will not be listed when selecting media files.

#### *4.2.4 JPEG image compatibility notice*

The ContentSmart software works best with 1920x1080 for 1080p media player and 3840x2160 for 4K media player, use native image direct from camera may result image cannot be displayed or displayed incompletely.

#### *4.2.5 "Please Wait" message shows up often and takes long time to go away*

Each time you connect a media player or change its network settings, a new entry is added to the list of possible network devices in ContentSmart. The program runs a background service to verify that the players listed are online. The service responds quickly when players in the list are online, but reply slowly when dealing with disconnected players because it waits for a network timeout before determining an offline status. (●)

To improve response times, remove unused players by right clicking on the player in the list and selecting *Remove from list*.

## 4.3 Planar Support

### *4.3.1 Cables and Accessories*

To find cables and accessories for your Planar monitor, touch screen or other Planar products visit our online store at [www.PlanarOnline.com](http://www.PlanarOnline.com).

### *4.3.2 Technical Support*

Visit Planar at <http://www.planar.com/support> for operations manuals, touchscreen drivers, warranty information and access to Planar's Technical Library for online trouble shooting. To speak with Planar Customer Support please have your model and serial number available and dial:

#### **Planar Support**

Tel: 1-866-PLANAR1 (866-752-6271) or +1 503-748-5799 outside the US.

Hours: 24 hours a day, 7 days a week.

Toll or long distance charges may apply.

## Planar Systems, Inc.

Customer Service

24x7 Online Technical Support: <http://www.planar.com/support>

1195 NW Compton Drive

Beaverton, OR 97006-1992

Tel: 1-866-PLANAR1 (866-752-6271), +1 503-748-5899 outside the United States

Hours: 24 hours a day, 7 days a week

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