MagicInfo Express Content Creator

User Guide

MagicInfo Express Content Creator allows you to create content with ease using a variety of templates. Using MagicInfo Express Content Creator, create and manage schedules to play content on Samsung display devices at a specific time.

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01 Before getting started

About MagicInfo Express Content Creator

MagicInfo Express Content Creator allows you to create content with ease using a variety of templates. Using MagicInfo Express Content Creator, create and manage schedules to play content on Samsung display devices at a specific time.

Program names

MagicInfo Express Content Creator is referred to as Content Creator in this user guide.

Installation requirements

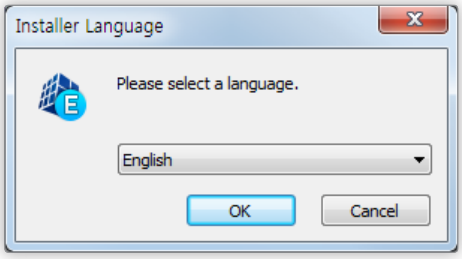
- HDD: At least 800 MB of free space
- Operating system: Windows XP or later
- Resolution: 1024x768 or higher
- Web browser: Internet Explorer 8 or later

Note

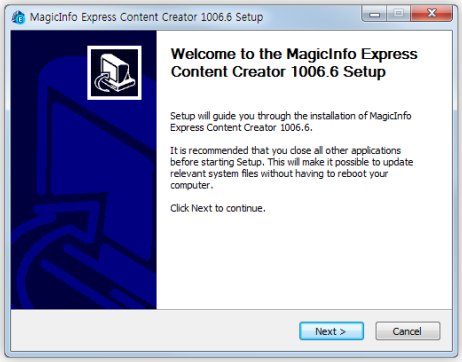
Make sure to run the program install file as an administrator.

How to install/uninstall the program

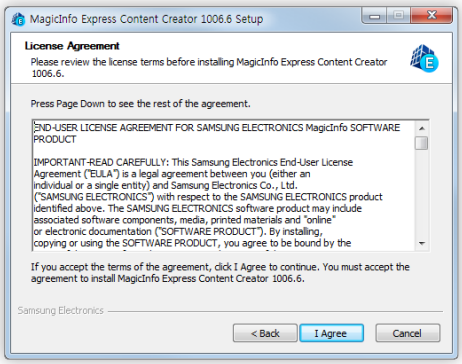
Install



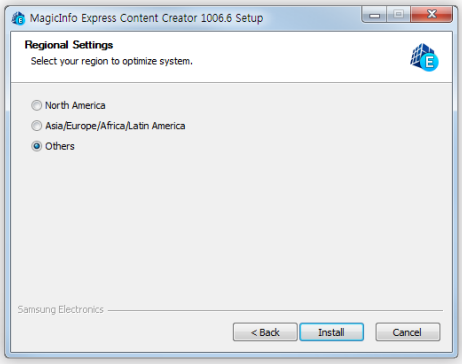
1 Run the program install file. Select a language, and then click **OK**.



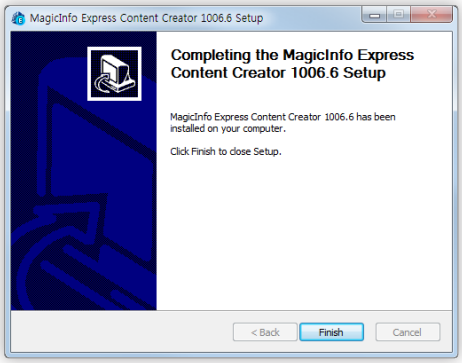
2 Read the instructions, and then click **Next**.



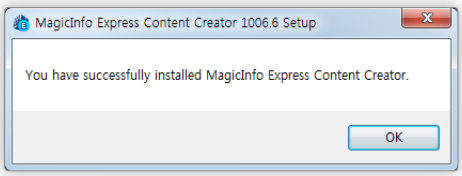
3 The user license agreement page appears. Click **I Agree**.



4 Select the appropriate area for your Samsung display device and click **Install**.



5 After the program install is complete, click **Finish**.



6 A notification message appears when install is complete. Click **OK**.

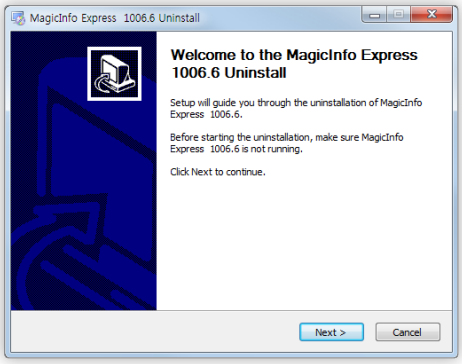
- The installed program will automatically start.
- The program can also be run by double-clicking the program icon on the desktop.

Uninstall

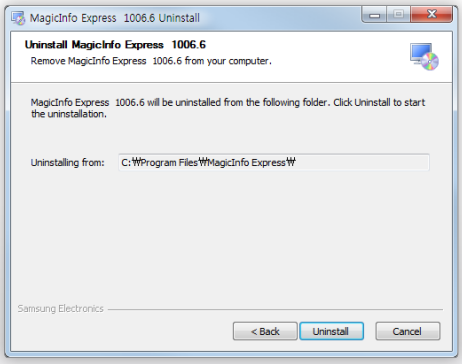
If you encounter a problem when using the program, uninstall the program following the instructions below:

Note

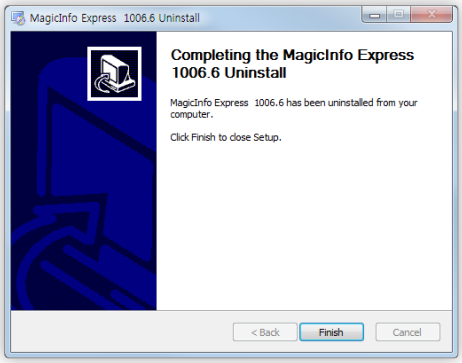
The program cannot be uninstalled properly if it is in use. Make sure to close the program before uninstalling it.



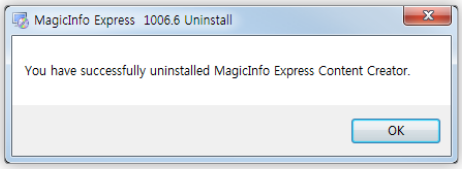
1 Open the uninstall page using Control Panel or the list of startup applications. Click **Next**.



2 The uninstall confirmation page appears. Click **Uninstall**.



3 After the program uninstall is complete, click **Finish**.



4 A notification message appears when uninstall is complete. Click **OK**.

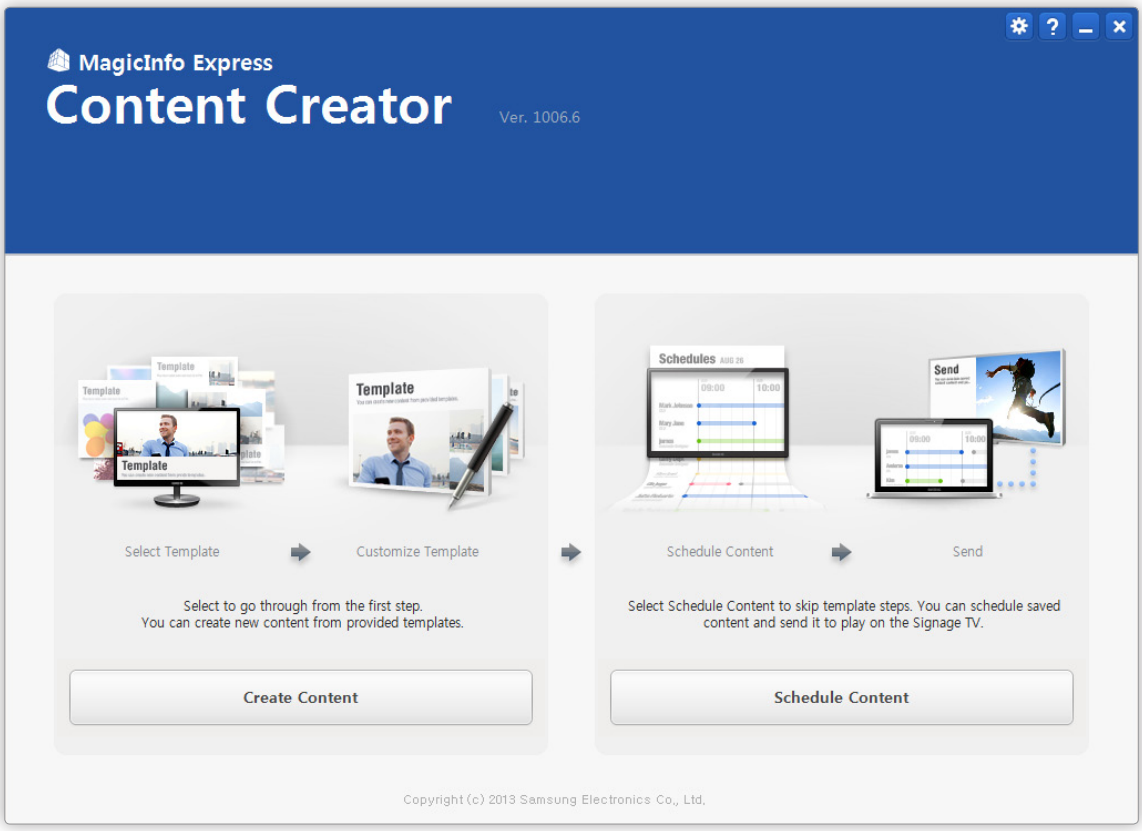
02 Using Content Creator

Looking into Content Creator

Run Content Creator to open the main page as shown below. Create and manage templates and schedules using various features in Content Creator.

Note

- Click ? at the top of a page to view instructions on how to use the page.
- Click ⚙ at the top of the main page to specify the area. Select the area where your Samsung display device will be used.



Create Content	Create and manage templates that will be played on Samsung display devices.
Schedule Content	Create and manage schedules to play content at specified times.

Managing templates

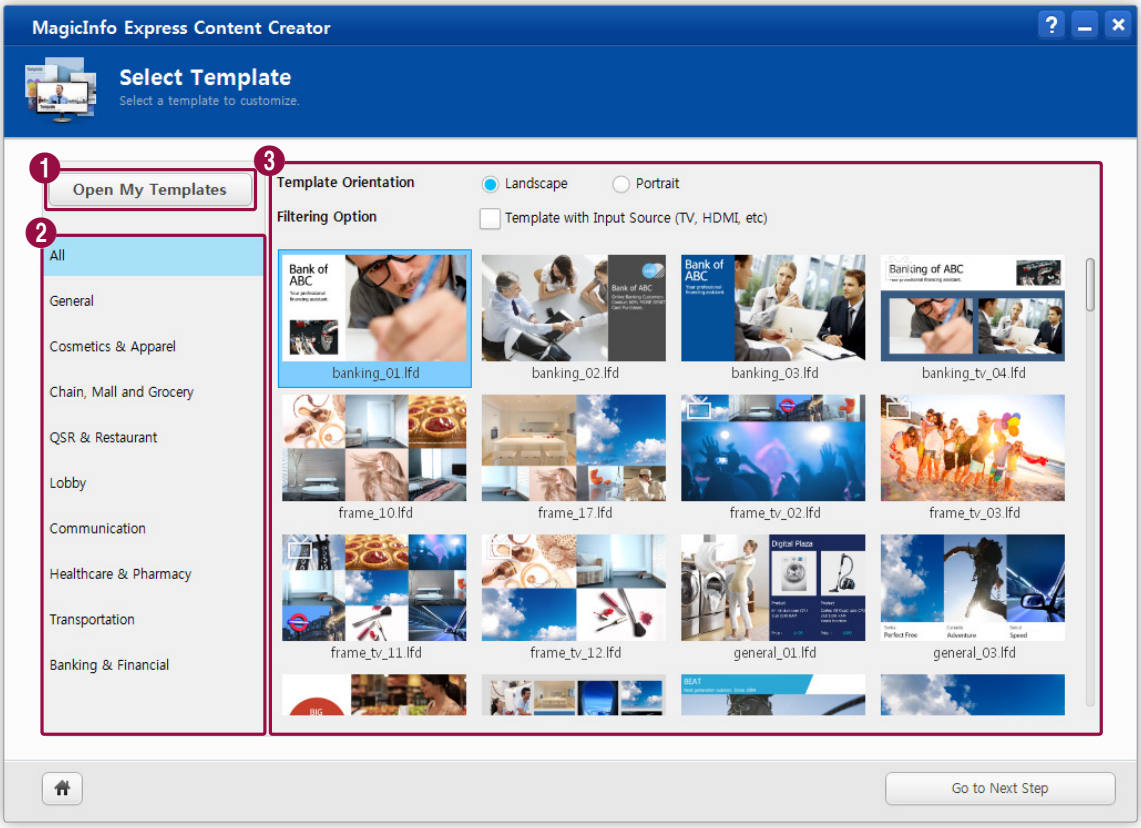
Using the templates provided in the program, organize a variety of content items based on predefined layouts to conveniently create new templates. Import and edit previously created templates.

Creating a template

Select a template of a desired layout to create a new template file.

1 Click **Create Content** from the main page.

– The select template page appears.



1	Import and edit previously created templates.
2	Default templates provided in the program are classified by category. Select a desired category to use templates found in the category. ▪ To view the templates in all categories, click **All**.

3 Thumbnails of templates found under the selected category are listed.

- **Template Orientation**: Select a template orientation. Select an orientation checkbox to sort and view templates available for the selected orientation.
- **Filtering Option**: Filter to view only the templates where external input sources can be applied. For details on adding elements, refer to the following: ► Adding elements

Note

Templates in portrait orientation support only image elements. Setting **Template Orientation** to portrait mode will disable **Filtering Option**.

2 Select a template from the template list, and then click **Go to Next Step**.

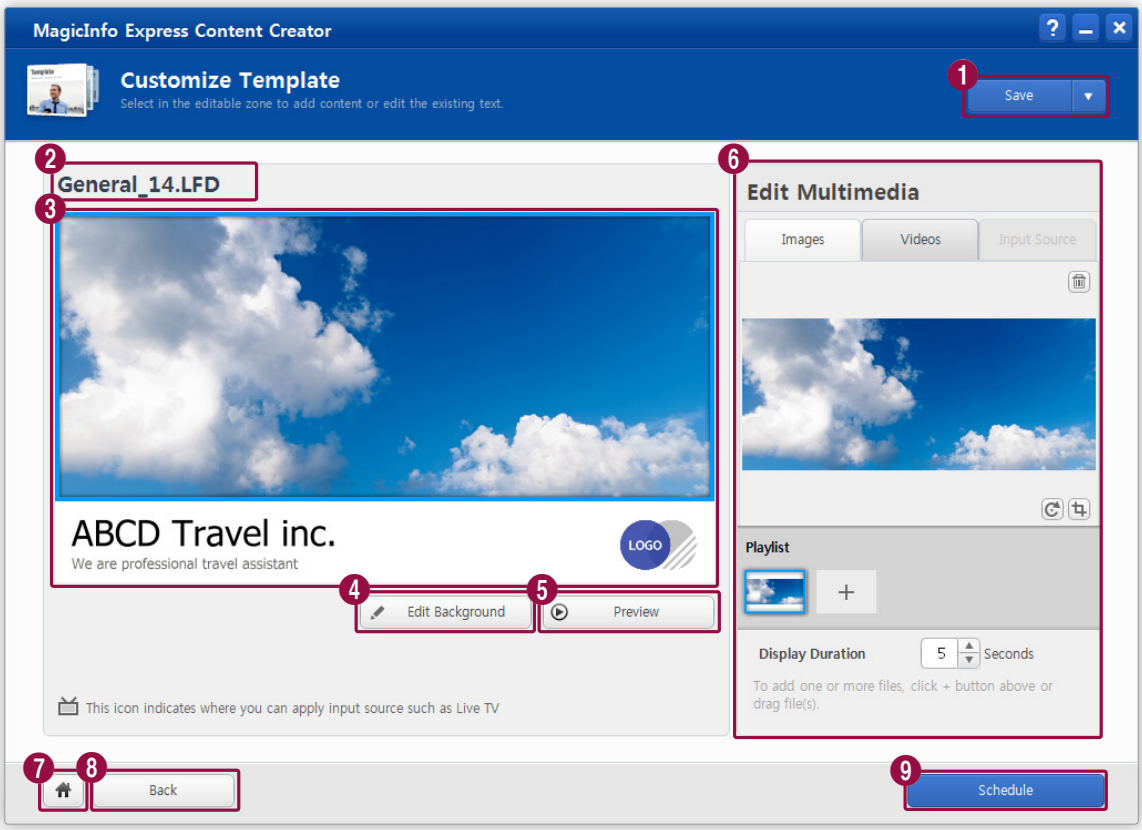
– The edit template page appears.

Constructing a template

Using the edit template page, construct a template by inserting various elements based on a predefined layout.

Note

The default layout of a template cannot be changed. The layout and available element types can vary depending on the selected template.



1	Save a template being edited. Click ▼ next to **Save** to choose a method to save a template.
2	The selected template name is displayed.
3	This design window is used to select an element section before adding an element to a template or editing an added element. Note Displayed elements can vary depending on the selected template.
4	Specify the template background theme using a desired image.
5	Preview a template being edited.
6	This properties window is used to add elements to the selected element section or configure properties of an added element. Note Displayed property items can vary depending on the selected element type.
7	Cancel a template being edited and go back to the main page.
8	Cancel a template being edited and go back to the select template page.
9	Go to the schedule settings page. Using the schedule settings page, configure schedules to play content at specific times. For further details, refer to the following: ► Managing schedules Note Clicking the button after saving a template will automatically apply the template to a new schedule.

Note

Clicking a button numbered 7, 8 or 9 when a template is being edited will display a message asking if you want to save the template.

Adding elements

Construct a template using various types of elements.

Select a frame to add a file to from the design window and select a file type.

Note

Available file types can vary depending on the selected frame.

- In frames with at the top left, select and add elements among the three element types shown below.
- Only image or video files can be added to frames that do not have displayed.
- If a template contains multiple frames, video files or input sources can be added to only one of the frames. For the other frames, only image files can be added.
- Only image files can be added to frames in a portrait template.
- Place the mouse cursor on an element to view the element resolution.

Images	Construct a template by adding image files stored on your computer. **Note** • A maximum of 20 image files can be added per frame. • Up to 4096x4096 resolution images are supported. Adding an image larger than the maximum resolution displays a warning window.
Videos	Construct a template by adding video files stored on your computer. **Note** • A maximum of 10 video files can be added per frame. • Up to 1920x1080 resolution videos are supported. Adding a video larger than the maximum resolution displays a warning window.
Input Source	Construct a template by adding input sources connected to SMART Signage TV.

Adding an image

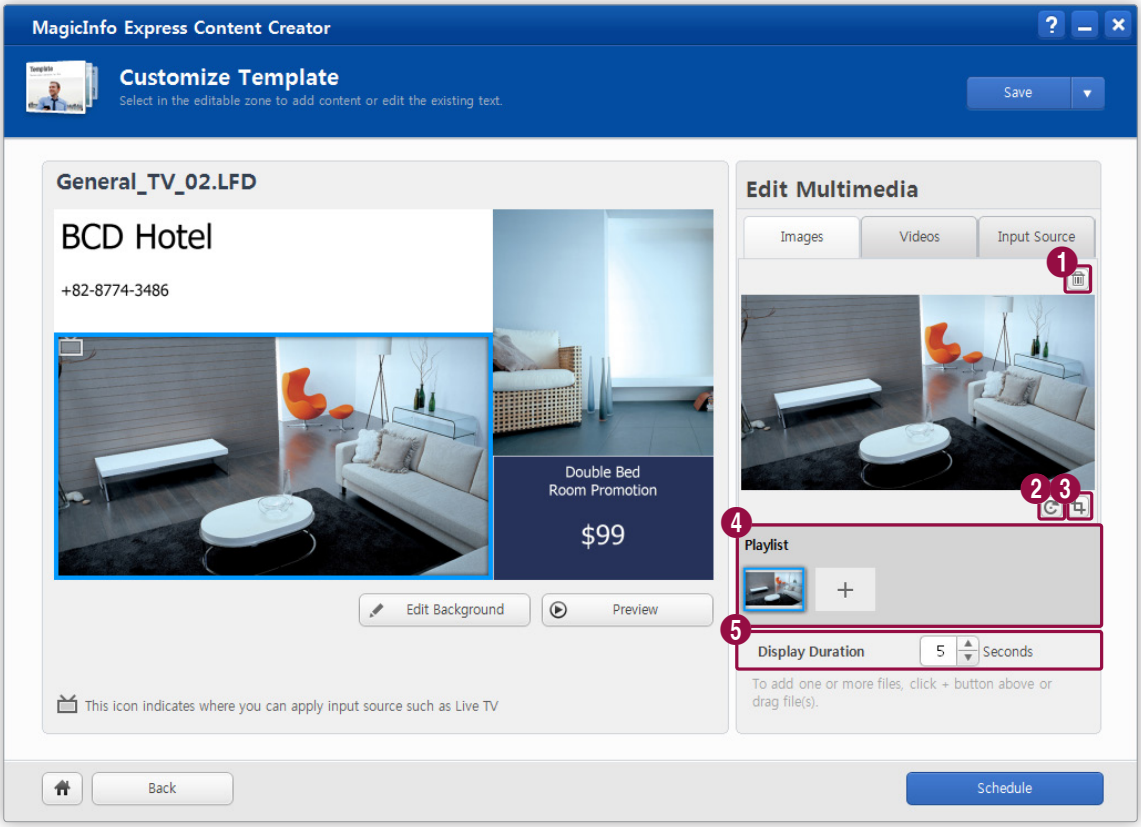
1 Select the **Images** tab from the properties window.

2 Add an image using one of the following options:

Option 1 Click + to select an image.

Option 2 Drag an image from Windows Explorer to the properties window.

3 Configure the image properties.



1	Delete an added image.
2	Rotate an image in a desired direction.
3	Crop an image. Drag an arrow on the edge to specify the area to be cropped and click .
4	Change the playback sequence for images. Drag the images to change the order.
5	Specify the speed of the image transition within a frame. Click ▲/▼ or manually enter a value to set the time. Duration Time can be set in the range between 5 and 60 seconds.

Adding a video

1 Select the **Videos** tab from the properties window.

2 Add a video using one of the following options:

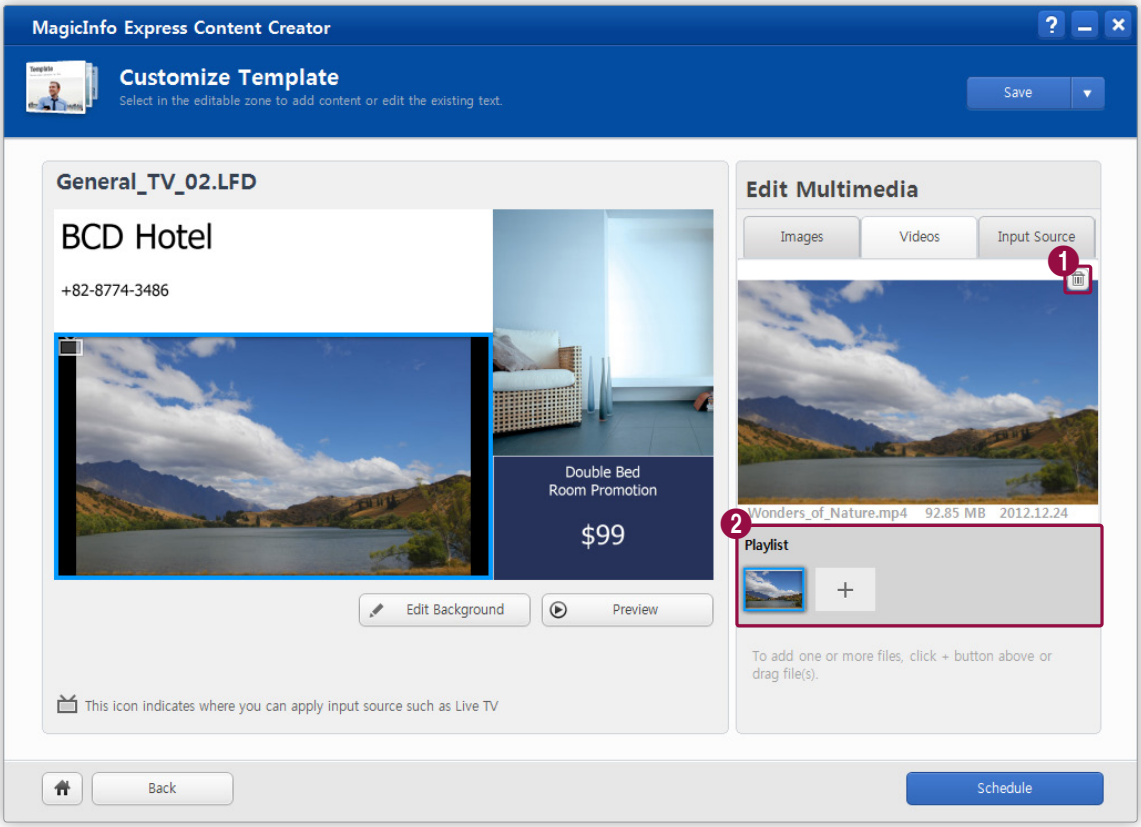
Option 1 Click + to select a video.

Option 2 Drag a video from Windows Explorer to the properties window.

3 Configure the video properties.

Note

If a codec is not installed on the computer, it is not possible to preview added videos. To preview videos, install a codec.



1	Delete an added video.
2	Change the playback sequence for videos. Drag the videos to change the order.

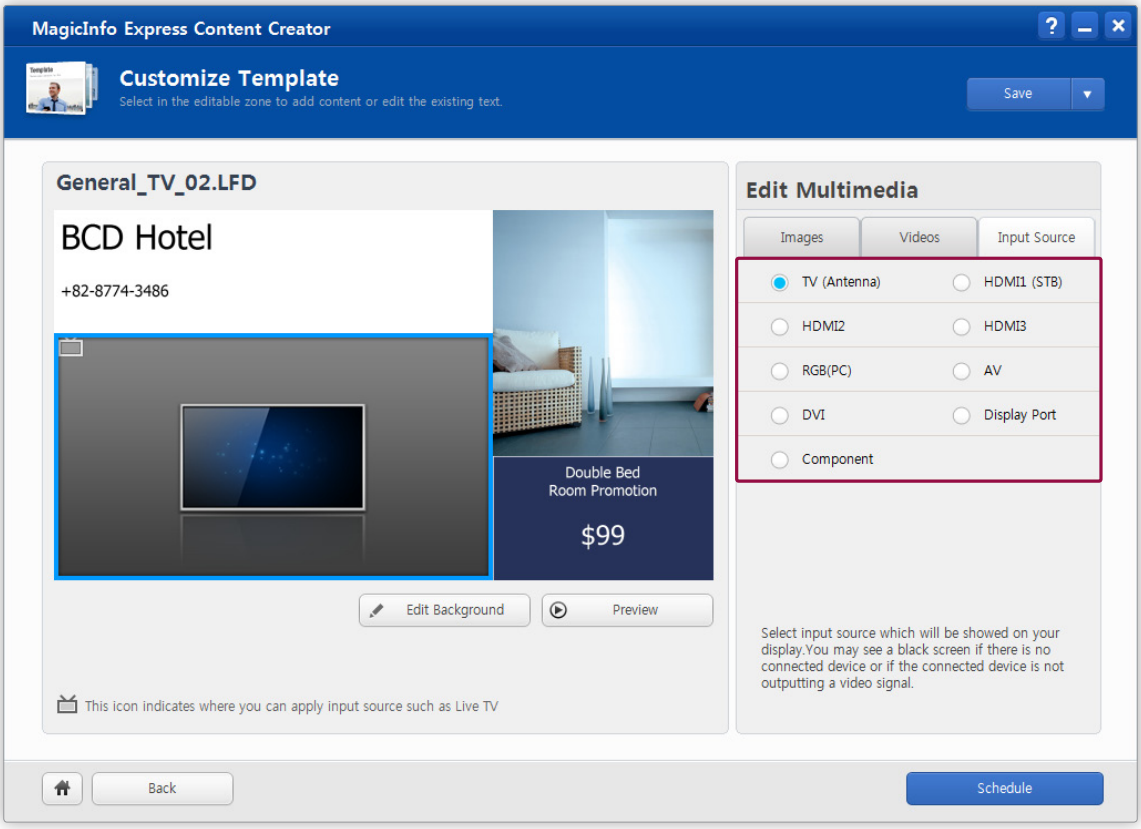
Adding an input source

1 Select the **Input Source** tab from the properties window.

2 Select an input source type.

Note

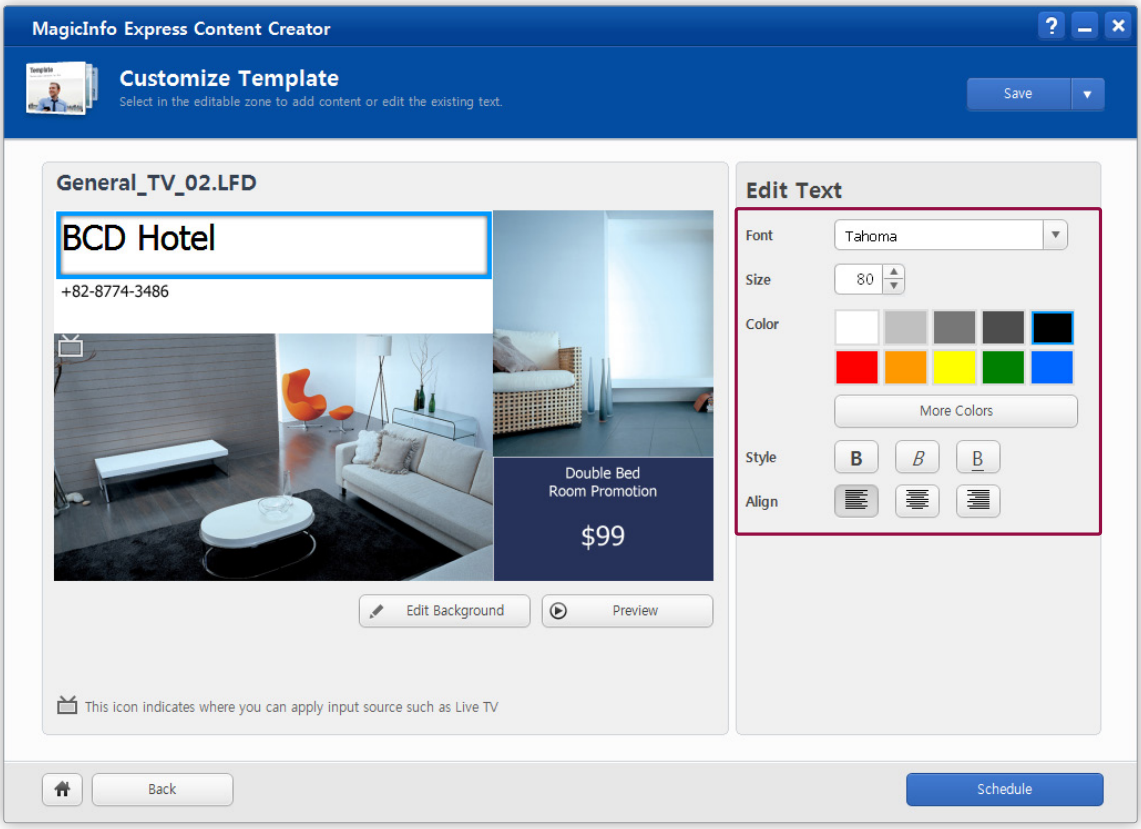
Supported input sources can vary depending on the Samsung display device model. Refer to the device user guide for supported input source types.



Editing text

1 Click a text box in the design window and enter text.

2 Configure text properties.

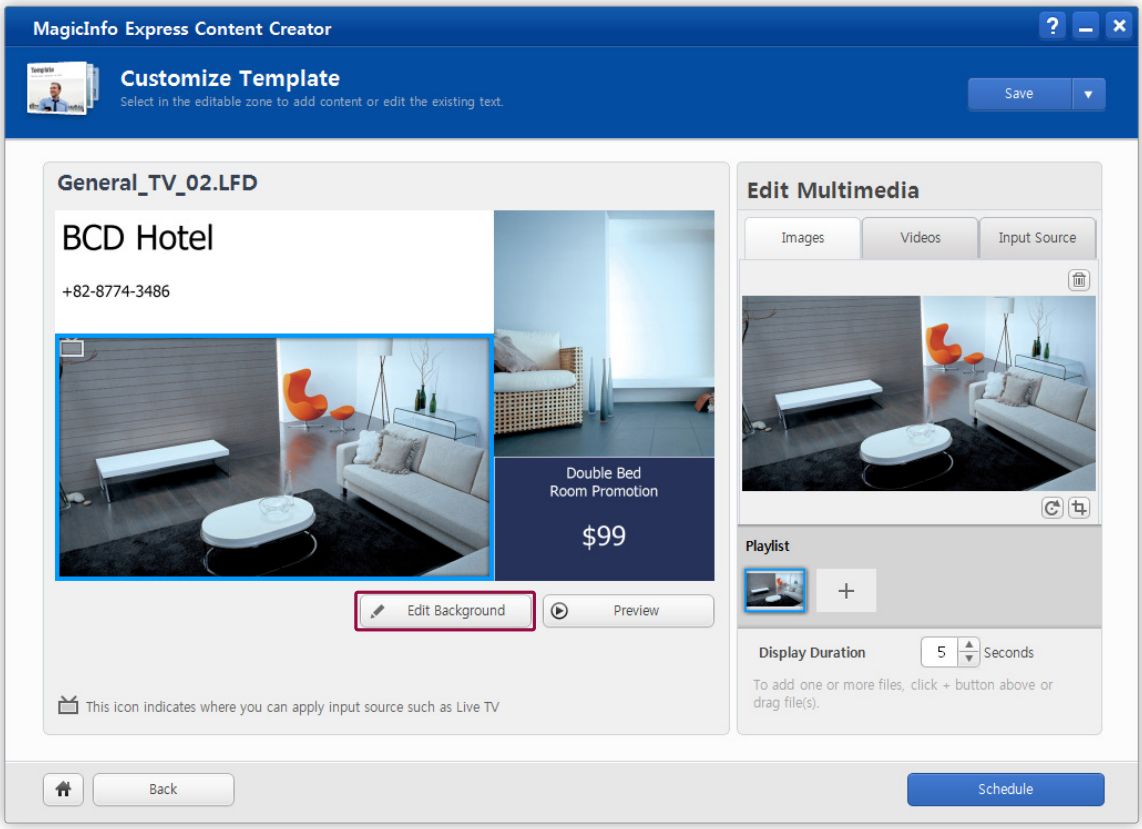


Font	Select a text font.
Size	Specify the text size. Click ▲/▼ to set the size. Text size can be set in the range between 20 and 200 points.
Color	Select a text color. If a desired color is not found among the standard colors, click **More Colors** to customize the color.
Style	Make text bold, italic or underlined.
Align	Select a text alignment mode.

Background settings

Change a template background using the following options:

Click **Edit Background** from the edit template page, and then select an image.



Saving a template

Save an edited template.

1 Click **Save** from the edit template page.

– Click ▼ next to **Save** to choose a method to save a template.

2 Enter a template name, and then click **Save**.

Previewing a template

Preview an edited template before saving it.

1 Click **Preview** from the edit template page.

– The preview page will appear in full screen and play the template over a specified duration.

2 To exit from preview mode, click ✕ at the top of the preview screen. Alternatively, press Esc on the keyboard.

Editing a template

Import and edit previously created templates.

Note

An imported template can be edited using the same method as constructing a new template. For further details, refer to the following: ► Constructing a template

1 Click **Create Content** from the main page.

2 Click **Open My templates** from the select template page.

3 Select the template to import, and then click **Open**.

– The edit template page appears.

Managing schedules

Configure and manage schedules to play content on Samsung display devices at specific times. Set the same schedule to play on specified days of the week or set different schedules to play by day of the week.

Open the schedule settings page using one of the following options:

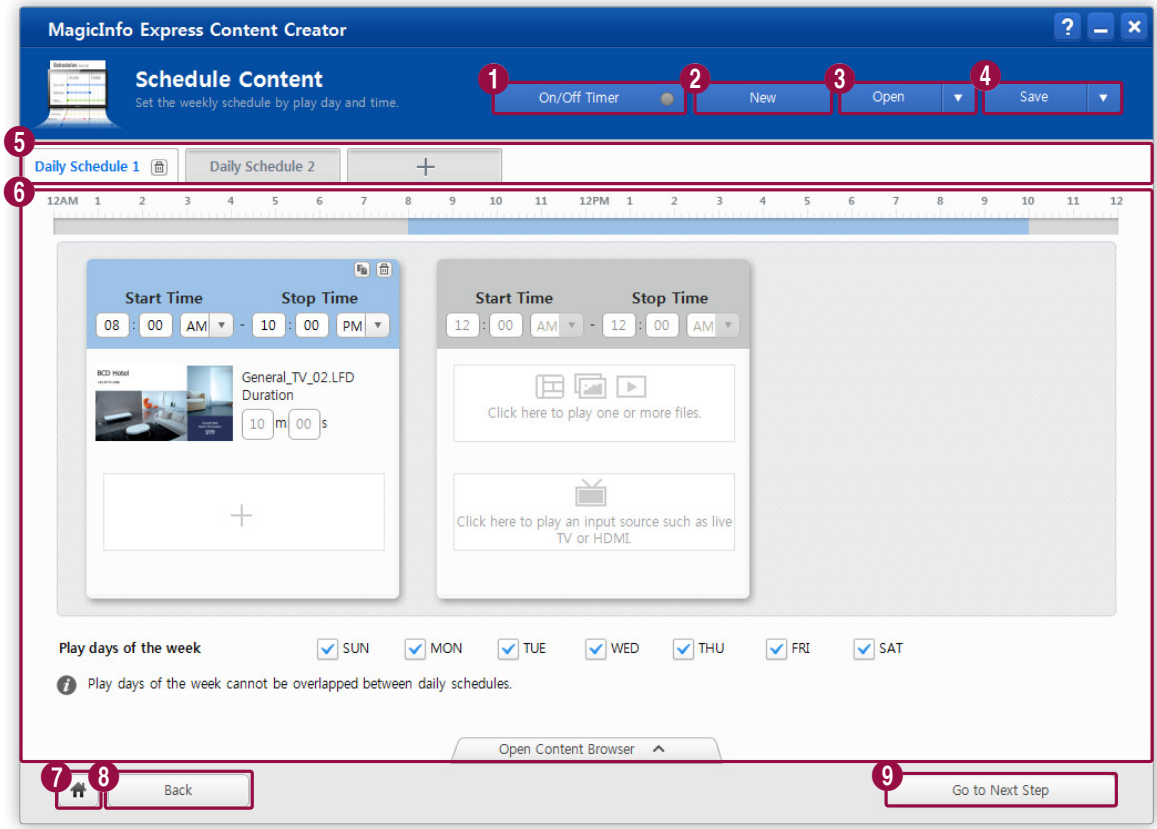
Option 1 Click **Schedule Content** from the main page.

Option 2 Click **Schedule** from the edit template page.

Note

If the schedule settings page is displayed using option 2, a template being edited can be saved and automatically applied to a new schedule. For a schedule with a template applied, time settings are automatically configured. Start and end times can be changed using the schedule settings page, if required. For further details, refer to the following: ► Changing schedule time settings

Schedule settings page



1	Set the timer to turn a Samsung display device on or off at a specific time. Select **Use** and then click ▲/▼ or manually enter a value to set the time.
2	Cancel the current schedule and create a new schedule.
3	Import a previously stored schedule to edit the content or time settings. Click ▼ next to **Open** to select a method to import a schedule. For further details, refer to the following: ► Editing a schedule
4	Save the current schedule. Click ▼ next to **Save** to choose a method to save a template.
5	Create daily schedules to set different schedules to play by day of the week. ▪ + : Add a daily schedule. A maximum of seven daily schedules can be created. ▪ 🗑 : Delete a daily schedule.
6	Configure schedules. Manage content and content playback time settings for a schedule. For further details, refer to the following: ► Configuring a schedule
7	Cancel the current schedule and go back to the main page.
8	This button appears only after the edit template page switches to the schedule settings page. Use the button to go back to the edit template page and edit the previous template. For further details, refer to the following: ► Constructing a template
9	Send a schedule to a Samsung display device or a USB device. For further details, refer to the following: ► Sending a schedule

Note

- The buttons numbered 2 and 9 are enabled only when a schedule is being created or edited.
- Clicking a button numbered 2, 3, 7 or 8 when a schedule is being created or edited will display a message asking if you want to save the schedule.

Creating a schedule

1 Create a daily schedule from the schedule settings page.

Note

To create a daily schedule, click + .

2 Create a schedule using the following options:

Option 1 Drag a desired time slot in the time settings bar.

Option 2 Add content to an empty schedule box, and then set the start and end times.

Note

- Schedule time can be set up to 24 hours. A schedule is created in hourly units by default.
- Up to 7 daily schedules can be added which includes a limit of 24 schedules in total. The total number of content files that can be added is restricted to 200 among the schedules.
- Make sure each schedule has a different start time.
- If the time slot assigned to a new schedule overlaps with the time slot of an existing schedule, the start or end time of the existing schedule will automatically change so that it does not overlap with the new schedule.
- The Windows 12- or 24-hour format is applied to the program to display the times of schedules.
- Change the schedule time to 12-hour or 24-hour format, if required. On the computer where Content Creator is installed, go to Control Panel and change the date and time format.

Changing schedule time settings

Change the time settings for a schedule using one of the following options, if required:

Option 1 Drag a schedule to the desired time slot in the time settings bar.

Option 2 Select a schedule from the time settings bar, and then drag to adjust the start and end times.

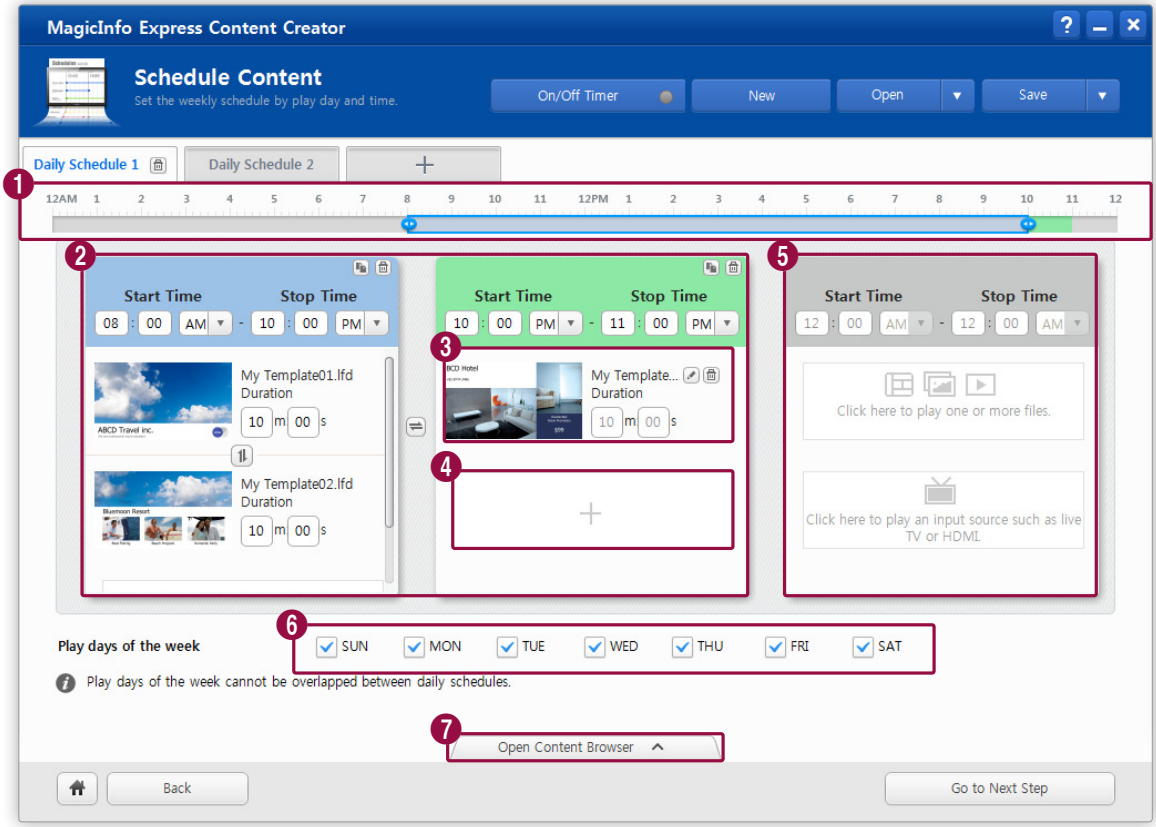
Option 3 Change the start and end times using the schedule box.

Note

- Changing the time slot on the time settings bar will also change the playback duration and sequence in the schedule box.
- In the time settings bar, time can be adjusted in 30 minute intervals.
- In the schedule box, time can be adjusted in 10 minute intervals.

Configuring a schedule

Configure a created schedule by adding various content items. Alternatively, configure a schedule by adding an input source to the schedule so that a connected input source plays for a specified period of time.



1 Create a new schedule or adjust time settings for a schedule.

- Drag a desired time slot to create a new schedule. If a new schedule is created on the time settings bar, a schedule box in the same color as the schedule will be created below the bar.
- Dragging a schedule to another time slot allows the playback duration and sequence to be changed.
- Dragging when a schedule is selected allows the schedule start and end times to be adjusted.

2 Schedule boxes, which are used to configure content settings for a schedule, are displayed in the order of start times. Adjust schedule time settings. Change content settings for a schedule such as the playback duration and sequence.

- : Duplicate a schedule to create an identical schedule.
- : Delete a schedule.
- **Start time**: Set the time to start a schedule.
- **Stop Time**: Set the time to end a schedule.
- : Change the playback sequence for content items that are listed vertically.
- : Change the playback sequence for schedules that are listed horizontally.
- / : These buttons appear only when some schedules are hidden due to insufficient space on the screen. To view hidden schedules, click either button.

3	Content is contained in the schedule. ▪ : Change the content that will play. ▪ : Delete content. ▪ **Duration**: Set the length of time to play each content item. Playback duration of image files or templates can be set to between 5 sec and 99:59. Note that the playback duration for video files is automatically set to the duration of each video file and cannot be changed. **Note** Dragging new content over the current content replaces the current content with the new content.
4	Add other content over previously added content.
5	No schedule has been created in this schedule box. Add content or an input source to the empty schedule box to create a new schedule. If a new schedule is created in a schedule box, a schedule in the same color as the schedule box will be created in the corresponding time slot on the time settings bar.
6	Select or deselect days of the week to play a schedule. The schedule repeats on the selected days of the week. **Note** • It is not possible to send schedules if no days of the week are selected. • Days of the week that are assigned to another daily schedule are disabled and cannot be selected.
7	Content items stored in the specified destination folder are listed. Select and add desired content from the content list to a schedule box, if required. ▪ **Open Folder**: Specify the folder to import content from. ▪ : Sort and display desired types of content by selecting the corresponding content type checkboxes. ▪ A scroll bar appears at the bottom when some content items from the specified folder are hidden due to insufficient space on the screen. To view hidden content, drag the scroll bar. **Note** Click / to open or close the content list.

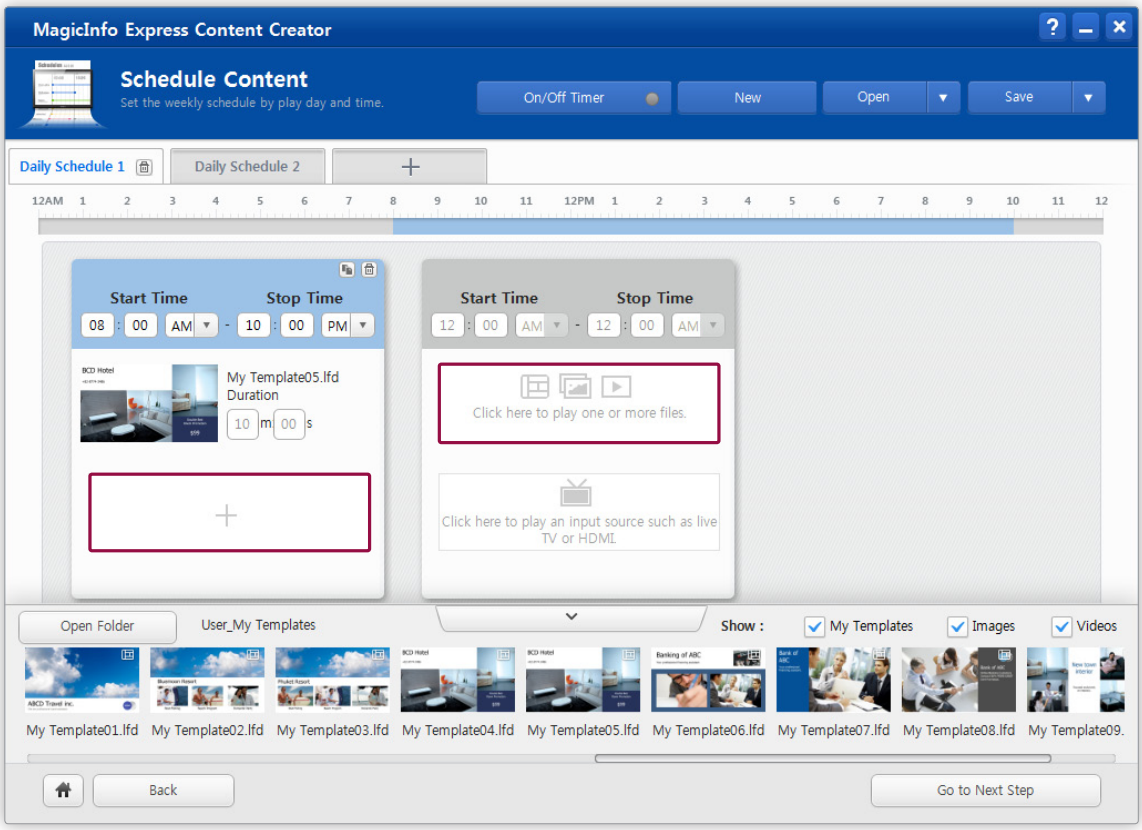
Adding content

Add content to a schedule from the schedule settings page using one of the following options:

Option 1 Click the desired section in a schedule box, and then select content.

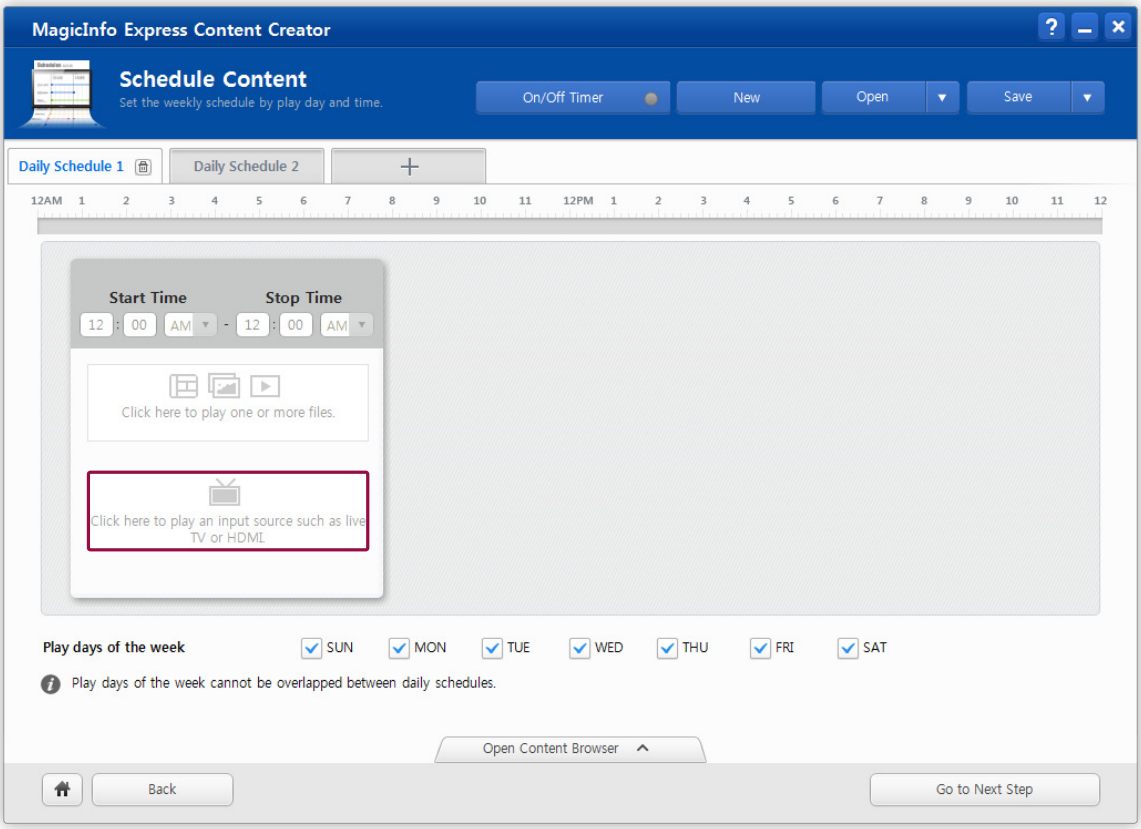
Option 2 Drag content to the desired section in a schedule box from the content list found below **Open Folder**.

Option 3 Drag content from Windows Explorer to the desired section in a schedule box.



Adding an input source

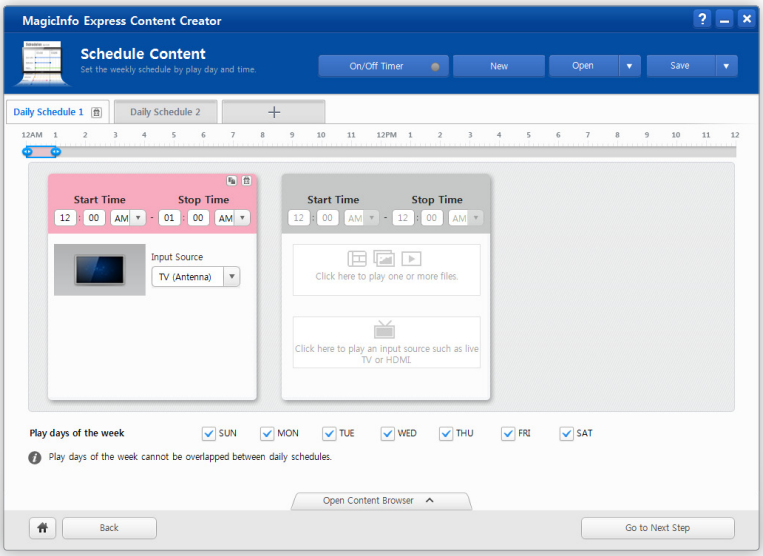
1 Add an input source by clicking the desired section in a schedule box in the schedule settings page.



2 Click ▼ from **Input Source** to select a desired input source type.

Note

If an external input source has been added to a schedule, it is not possible to add another external input source or content.



Saving a schedule

Save a schedule to your computer.

1 Click **Save** from the schedule settings page.

– Click ▼ next to **Save** to choose a method to save a template.

2 Enter a schedule name, and then click **Save**.

Editing a schedule

Import a previously stored schedule to edit the content or time settings.

Note

An imported schedule can be edited using the same method as creating a schedule. For further details, refer to the following: ► Creating a schedule

Importing a schedule from a computer

Import a schedule from a computer to edit the schedule.

1 On the schedule settings page, click ▼ next to **Open** and select **Open**.

2 Select the schedule to edit, and then click **Open**.

Importing a schedule from USB

Import a schedule along with its content files from a USB device to edit them.

On the schedule settings page, click ▼ next to **Open** and select **Import**.

- Clicking the button will automatically search for a USB device connected to the computer and import schedules stored on the device.

Sending a schedule

Send a schedule to a Samsung display device or a USB device.

Note

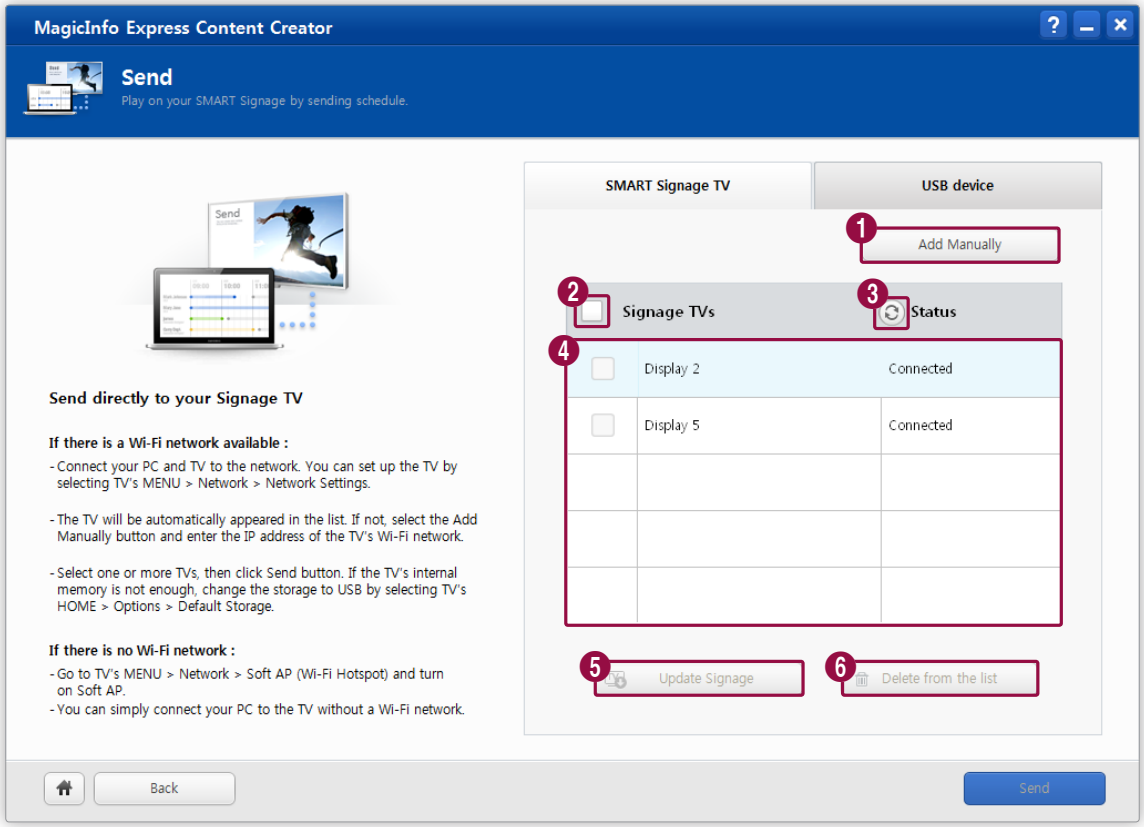
If you send a new schedule to a Samsung display device or a USB device that already has a schedule, the new schedule replaces the existing schedule. The existing schedule is deleted.

Sending a schedule to Samsung display devices

Send a schedule to Samsung display devices connected to the same network.

1 Click **Go to Next Step** from the schedule settings page.

2 Select the **SMART Signage TV** tab.



1	Manually enter the IP address of a Samsung display device and connect to the device. After entering the IP address, click **Add**. **Note** A Samsung display device that is not connected to the same network cannot be added to the list of devices.
2	Select all devices in the device list.
3	Update the list of Samsung display devices connected to the same network.

4	Connected devices are displayed. Select a device and send a schedule to the device. ▪ Select multiple devices and send a schedule to them simultaneously, if required.
5	View the current version of the selected device. Update the device to the latest version if an update is available on the server.
6	Delete the selected devices from the list of devices.

3 Select a device from the list of Samsung display devices and click **Send**.

4 After the schedule is sent, click **OK**.

– To go back to the main page, click .

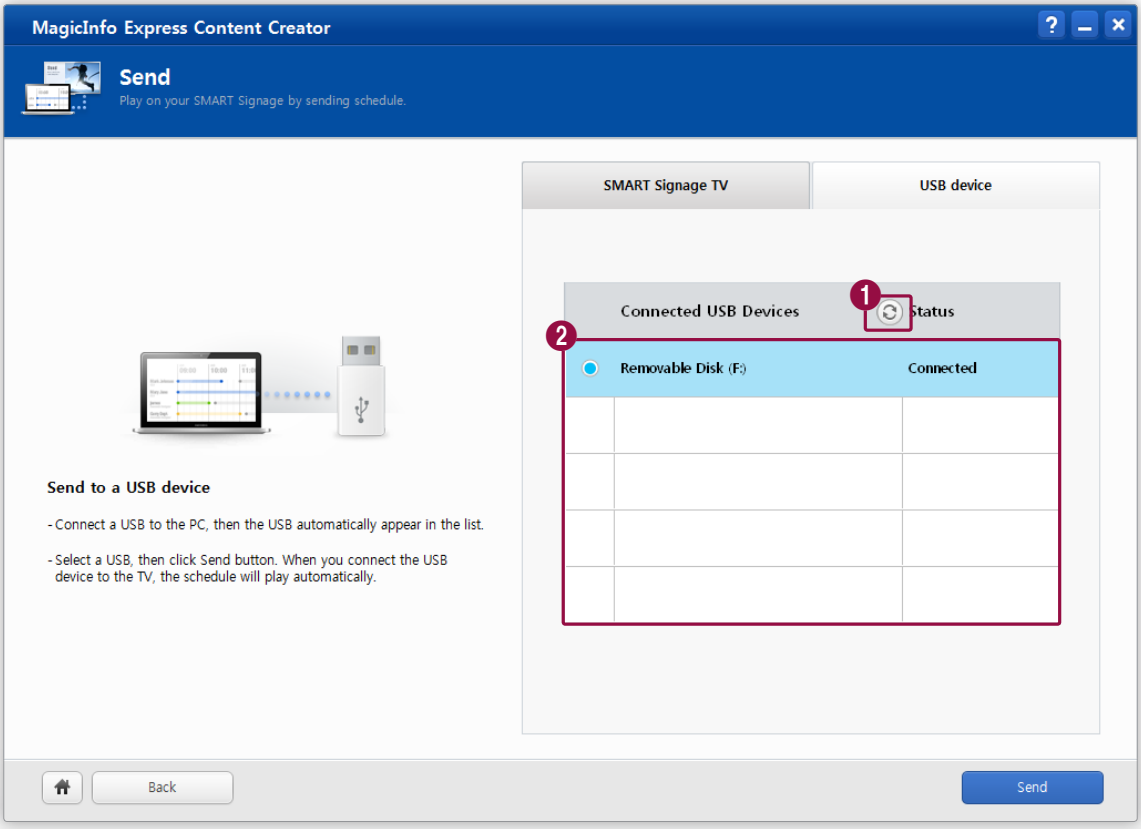
– To go back to the schedule settings page and edit a schedule, click **Back**.

Sending a schedule to USB

Send a schedule to USB devices connected to the computer.

1 Click **Go to Next Step** from the schedule settings page.

2 Select the **USB device** tab.



1	Update the list of USB devices connected to the computer.
2	USB devices connected to the computer are displayed. Select a USB device and send a schedule to the device. ▪ Select multiple USB devices and send a schedule to them simultaneously, if required.

3 Select a device from the USB device list, and then click **Send**.

4 After the schedule is sent, click **OK**.

– To go back to the main page, click .

– To go back to the schedule settings page and edit a schedule, click **Back**.

03 Open Source Announcement

To send inquiries and requests for questions regarding open sources, contact Samsung via Email (oss.request@samsung.com).

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This package is an SSL implementation written by Eric Young (eay@cryptsoft.com).

The implementation was written so as to conform with Netscapes SSL.

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