



# ADVANCED SOFTWARE USER GUIDE

Content Management Software



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## The Player and Group Window

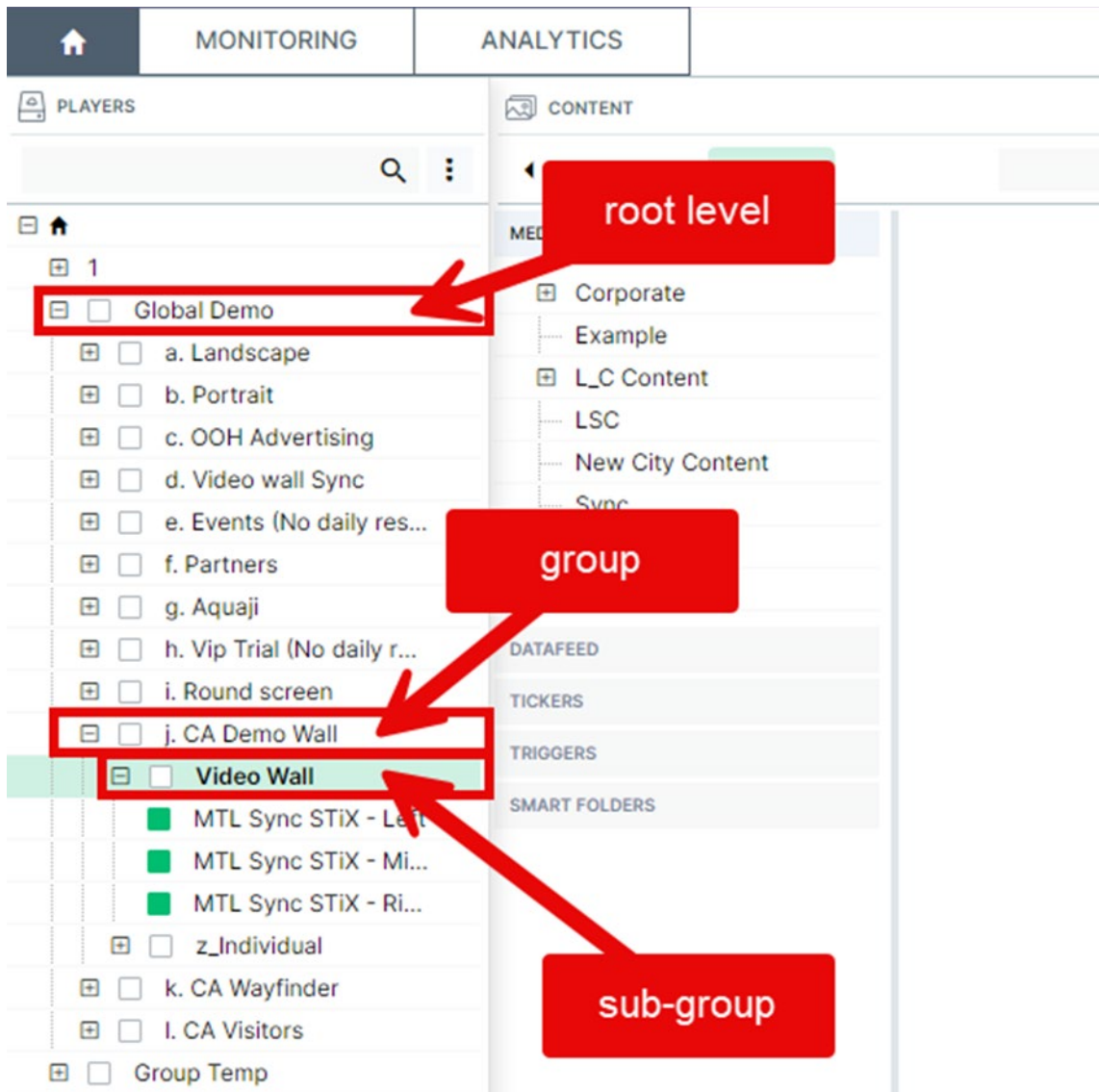
- Manage and organize VIDEOSTAR Players into **groups** and **sub-groups**.
- Search for VIDEOSTAR Players.
- View each VIDEOSTAR Player's current status and perform tasks.
- Open the **Monitoring** window.
- Open the **Analytics** window.
- Return to the default dashboard view.
- Publish content and programs to the players.
- Generate a program previews.

### The VIDEOSTAR hierarchy

The main view shows the group and sub-group organization as a series of levels.

The top-level group is the **root**.

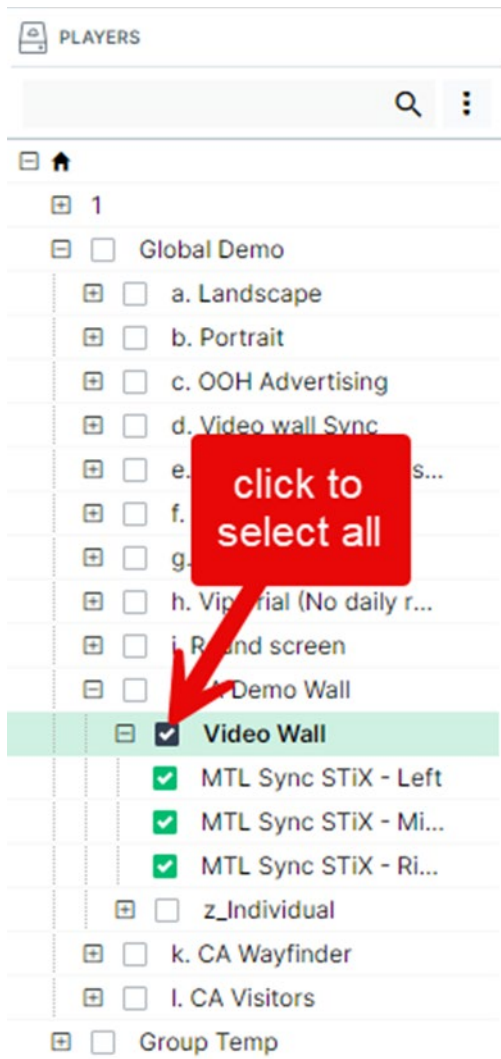
- Content and playlists assigned to this level can be shared across all sub-groups that appear under it.
- Players can only be assigned to this level if there are no sub-groups created under it.
- The levels under the root are where you find the **groups**.
  - Content and playlists assigned to intermediate levels can be shared within their sub-groups.
  - Players can only be assigned to this level if there are no sub-groups created under it.
- Groups can be subdivided into **sub-groups**.
  - Players are always assigned to the lowest level. This is the **local** level.
  - Content and playlists assigned to the local level can't be shared with other sub-groups.



Users navigate levels by clicking on the **boxes (- / +)** to the left of each level's name.

The selected option will be applied from the level the user is clicking on, so checking the selection box at the root level (top group) will select all the players in every level below.

Clicking the selection box next to a level (group or subgroup) will select all the players they contain.

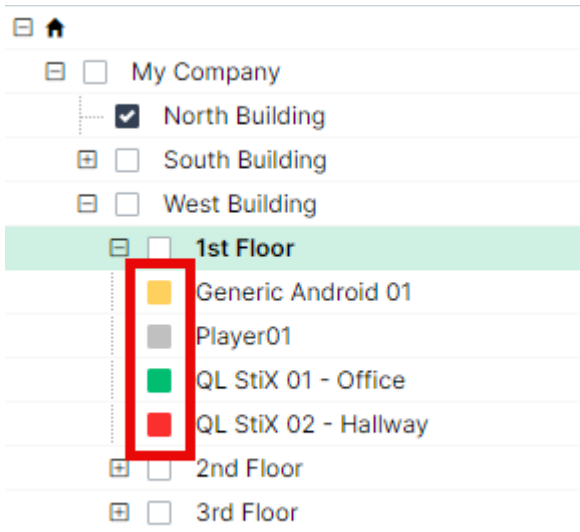


These actions are quite useful, like when selecting a group of players to review their monitoring status information or to create reports for multiple players at the same time.

## How to Determine a Player's Status

Each player visible in the content manager dashboard has its own status indicator. This indicator is also a checkbox that users can click to select players to access monitoring information, analytical reports, and to publish content. The status indicator always appears to the left of the player name.

The status indicator will change color depending on the current state of each player.



## The 4 status colors

**Green:** Indicates the player is functioning normally and there are no errors detected.

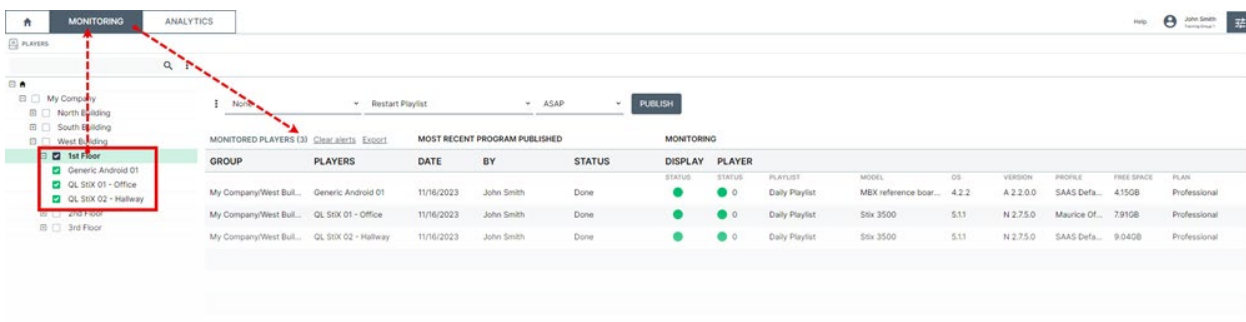
**Yellow:** Indicates an issue requires your attention and you should consult the monitoring window for more information. (Click **MONITORING**)

**Red:** Indicates the server is not receiving any “heartbeat” signal from the player. Either the player has been powered down or it is offline.

**Gray:** Indicates the player license has not yet been assigned to any media player hardware. The indicator will change back to green once the license has been activated and the player has started communicating with the server.

## How to access the Monitoring window

To access monitoring data, click the player’s status checkbox and then click the **MONITORING** button above the player window.



From this window you can access the player's monitoring information to determine its current state, access any recorded alerts of events, and publish content.

## The Monitoring Table

### MONITORED PLAYERS SECTION

The table is organized in the following columns:

**Group:** Shows the selected player's group(s).

**Player:** Shows the name of the selected player(s).

### MOST RECENT PROGRAM PUBLISHED SECTION

**Date:** Shows the date of the last player update sent (essentially, the last time someone clicked the **PUBLISH** button).

**Published By:** Shows the name of the last person who published the last update. If the **Auto-Update** function is enabled, this column will display the time the last auto-update was sent, until someone publishes a new update.

**Status:** When a user clicks the **PUBLISH** button, programming instructions and required content are sent to each selected players. The **STATUS** column will display the file transfer progress. The **STATUS** column will display "**Done**" once the player has received its update.

If the Player is currently offline, the **Last recorded heartbeat date and time** will be shown in the **STATUS** column.

Player is showing offline with the Last heartbeat shown in the status **clients on the SAAS** – the time zone is referencing UTC Time zone.

### MONITORING SECTION

#### DISPLAY

**Status:** These columns will show the display's status indicator (green, yellow or red).

- **Green** means screen is powered on.
- **Yellow** means there is an alert.
- **Red** means the screen is powered off.

#### PLAYER

**Status:** Shows the status indicator color (green, yellow, red), the number of recorded alerts since last reset.

**Playlist:** Displays the name of the currently playing playlist. You will also be able to tell when the player is displaying the **Default Media** (which means there is no current programming scheduled for this player), and you will see **Trigger** whenever the player is showing the triggered media. You will also see when the plauer is showing the **initial default media** (meaning this is a newly activated player that has not yet received its first update).

**Model:** The model of the media player device

**OS:** The version of the operating system currently installed on the media player device.

**Version:** The VIDEOSTAR Player software version currently installed on the media player device.

**Profile:** The name of the VIDEOSTAR Player Profile assigned on the media player device.

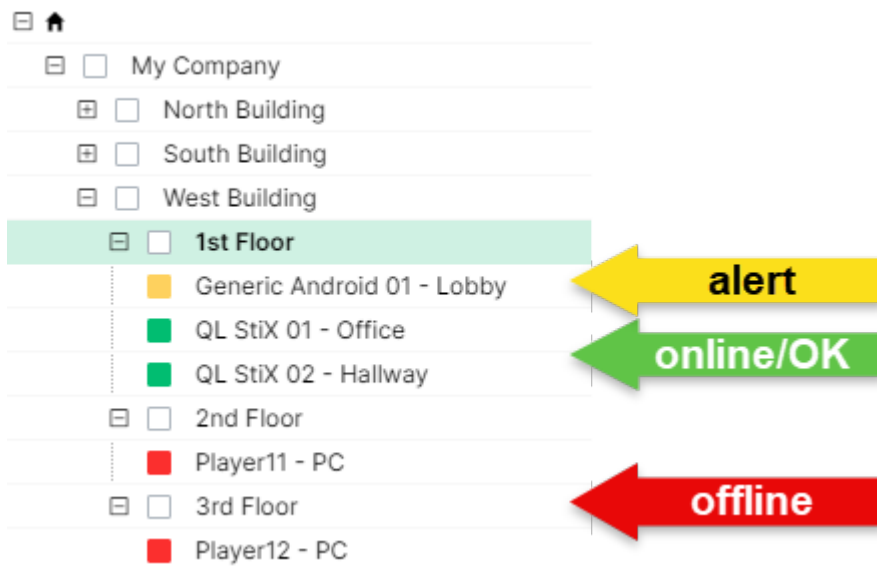
**Free Space:** The amount of free storage space available on the media player device.

## Player Alerts

Players can display 4 different status colors (gray, green, yellow or red).

Status indicators change colors automatically. For example, a new unassigned player license status will change from gray to green when the license has been activated and a player sends its first signal back to the server. Also, an online player that loses its network connection, or is turned off will automatically change its status from green to red. The cycle is reversed once the player gets back online and the status indicator switches back to green.

Yellow alerts are the exception to the rule. A player's status indicator turns yellow to announce an alert and once the indicator goes yellow, it will remain in that state until either the player is shut down/disconnected from the network, or when the user resets (clears) the alert. Clearing a yellow alert restores the player to a green state so this step should only be performed when the cause of the alert has been corrected. However, if the issue hasn't been resolved, the status will return to yellow at a later point and the alert counter will increment accordingly.



Yellow alerts are triggered by the following issues:

- Player software has unexpectedly stopped.
- No content scheduled in the grid. The player is currently showing the default media.
- No data feed available. The server publishing this feed is no longer reachable.
- Player's available free storage space is under its programmed threshold.



- Player software has automatically restarted or the player has rebooted on its own to correct an issue (caused by depleted resources, or other unforeseen circumstance).
- Content ignored – not playable (for example, unrecognized video codec or corrupt media file). In these situation the content is skipped by the player but the status changes to alert the user.

It's important to note that many errors can be detected over time, while the player is displaying a yellow alert status. This is where the alert counter comes into play.

The counter is shown in the monitoring window. It's in the **PLAYER** column to the right of the status indicator.

GROUP	PLAYERS	DATE	BY	STATUS	DISPLAY	PLAYER	PLAYLIST	MODEL	OS	VERSION	PROFILE	FREE SPACE	PLAN
My Company/West Bull...	QL StX 01 - Office	11/20/2023	John Smith	Done	●	0	Corporate Playlist	Stix 3500	5.11	N 2.75.0	Maurice Of...	7.91GB	Professional
My Company/West Bull...	QL StX 02 - Hallway	11/20/2023	John Smith	Done	●	0	Corporate Playlist	Stix 3500	5.11	N 2.75.0	SAAS Defa...	9.04GB	Professional
My Company/West Bull...	Generic Android 01 - Lo...	11/17/2023	Auto-Update@ 1:51 ...	Done	●	5	Init. media	MBX reference boar...	4.2.2	A 2.2.0.0	SAAS Defa...	4.19GB	Professional
My Company/West Bull...	Player11 - PC	11/16/2023	John Smith	06/08/2023@5:06 P...	●	0			Windows ...	W 2.75.0	SAAS Defa...	18.7 GB	Professional

Click the **Clear alerts** button to reset all yellow alerts back to green. If the issue has not been resolved, the status will revert to yellow once it's detected again.

GROUP	PLAYERS	DATE	BY	STATUS	DISPLAY	PLAYER	PLAYLIST	MODEL	OS	VERSION	PROFILE	FREE SPACE	PLAN
My Company/West Bull...	QL StX 01 - Office	11/20/2023	John Smith	Done	●	0	Corporate Playlist	Stix 3500	5.11	N 2.75.0	Maurice Of...	7.91GB	Professional
My Company/West Bull...	QL StX 02 - Hallway	11/20/2023	John Smith	Done	●	0	Corporate Playlist	Stix 3500	5.11	N 2.75.0	SAAS Defa...	9.04GB	Professional
My Company/West Bull...	Generic Android 01 - Lo...	11/17/2023	Auto-Update@ 1:51 ...	Done	●	0	Init. media	MBX reference boar...	4.2.2	A 2.2.0.0	SAAS Defa...	4.19GB	Professional
My Company/West Bull...	Player11 - PC	11/16/2023	John Smith	06/08/2023@5:06 P...	●	0			Windows ...	W 2.75.0	SAAS Defa...	18.7 GB	Professional

## Resetting Alerts

Yellow alerts can be reset in multiple ways:

- By clicking the **Clear Alert** button as described above.
- By opening the **Alert & Event** window and selecting the **Reset All** box at the top of the table. All the alerts will be reset and the player status will turn green. The alert counter will be reset to 0.
- By opening the **Alert & Event** window and selecting individual alert check boxes in the table. If you don't select all the alerts, the player status will remain yellow and the counter will show there are unchecked alerts.

Generic Android 01 - Lobby

ALERT & EVENT Export

#				Alert / Event	Message	
1			11/20/2023	2:20 PM	Event	New program received by Player - Sent by Auto-Update@ 1:51 PM
2	<input type="checkbox"/>	John Smith	11/20/2023	2:19 PM	Alert	No Timeslot on Schedule -
3	<input type="checkbox"/>				Alert	Player Offline -
4	<input type="checkbox"/>	John Smith	11/16/2023	10:45 PM	Alert	Player Offline -
5			11/16/2023	4:16 PM	Event	New program received by Player - Sent by John Smith
6			11/16/2023	4:13 PM	Event	New program received by Player - Sent by John Smith
7	<input checked="" type="checkbox"/>	John Smith	11/16/2023	4:11 PM	Alert	No Timeslot on Schedule -
8			11/16/2023	4:11 PM	Event	New program received by Player - Sent by John Smith
9	<input checked="" type="checkbox"/>	John Smith	11/16/2023	4:11 PM	Alert	No Timeslot on Schedule -
10			11/16/2023	4:10 PM	Event	New program received by Player - Sent by John Smith
11	<input checked="" type="checkbox"/>	John Smith	11/16/2023	4:06 PM	Alert	No Timeslot on Schedule -
12			11/16/2023	4:06 PM	Event	New program received by Player - Sent by John Smith
13	<input checked="" type="checkbox"/>	John Smith	11/16/2023	4:04 PM	Alert	No Timeslot on Schedule -
14	<input checked="" type="checkbox"/>	John Smith	11/16/2023	3:31 PM	Alert	No Timeslot on Schedule -
15	<input checked="" type="checkbox"/>	John Smith	11/16/2023	3:06 PM	Alert	No Timeslot on Schedule -

OK Cancel

## What are Events?

Events are part of the normal, day to day operation of the player. Events are recorded in the Alert & Event table for future reference.

Here is a list of events that will be recorded:

Player has received a new program.

- Screen has been turned ON or OFF.
- Player software has been updated.
- Content is waiting to be approved.

## What are Alert and Event Profiles?

Administrators control which type of alerts and events users can see and receive. For example, a IT specialist would require access to technical alerts and events.

A person in charge of content requires access to content related alerts and events. This information is recorded in the user's assigned alert and event profile.

Administrators have total control over profiles and can even create custom profiles if required.

## Alert Queries

It's easy to stay on top of the status of small networks simply by selecting players and checking their status individually.

However, VIDEOSTAR's Monitoring window includes a query system that makes it very easy to monitor the status large groups of players.

## Creating and Managing Queries

Queries are meant to assist users when monitoring the status of large numbers of players. The idea behind queries is to give users the ability to enter and save specific search parameters that can be called up using a pull down menu. Basically, queries let you filter the results in the Monitoring window. For example, you can create queries that only show players with a red status, or players that are currently online (meaning they are showing a green or yellow status). Users have access to several parameters they can set to quickly access the information they need, regardless of the number of players selected.

### Creating a New Query

Click the **options** button (3-dots) located at the top of the **Monitoring** window.

GROUP	PLAYERS	DATE	BY	STATUS	MONITORING	
					DISPLAY	PLAYER
My Company/West Buil...	QL StiX 01 - Office	11/20/2023	John Smith	Done	●	● 0
My Company/West Buil...	QL StiX 02 - Hallway	11/20/2023	John Smith	Done	●	● 0
My Company/West Buil...	Generic Android 01 - Lo...	11/17/2023	Auto-Update@ 1:51 ...	Done	●	● 3
My Company/West Buil...	Player11 - PC	11/16/2023	John Smith	06/08/2023@5:06 P...		● 0

To add a new query to the list, click **Create query**. A new window will appear.

Enter a descriptive name for the new query. In this example, we are building a query that filters the results so only players with a red status will appear in the **Monitoring** report.

Red Status Only OK Cancel

**FILTER** Add

SEARCH ON	Operator			
Status	Equals	Red	Or	X

assign a descriptive name

## Query Filters

Red Status Only OK Cancel

**FILTER** Add

SEARCH ON	Operator			
Status	Equals	Red	Or	X
1	2	3	4	

1. Select a **filter** to search on.  
Available options are:
  1. Name
  2. Serial Number
  3. Tag
  4. Period
  5. Downloads
  6. Status
  7. Display
  8. Alert
  9. Version
  10. Technical Profile
2. Select an **operator**. The list of available operators will change depending on the criteria you chose.  
For example, choosing the "**Status**" filter will let you select between "**Equal**" and "**Not Equal**".
3. Select a **criteria**. The list will change depending on the criteria you chose.  
For example, choosing the "**Status**" filter will let you choose between the following options: Running, Green, Yellow, or Red.
4. To create complex filters, use the "**and/or**" logical operators to link each expression.  
For example, you can create a filter that will return only the players that are "Running" (meaning they have a Green or Yellow status) **and** that are still using an older version of the VIDEOSTAR software.

You can delete any filter by clicking the corresponding "X" in the right column.

When you are done, click **OK** to save your new query.

The new query will now appear when you click on the pull-down field.

The screenshot shows a monitoring interface with a filter dropdown set to "Red Status Only". Below the filter, there are two tables. The first table, "MONITORED PLAYERS (33)", has columns for GROUP, PLAYERS, DATE, BY, STATUS, and DISPLAY. The second table, "MONITORING", has columns for PLAYLIST, MODEL, OS, VERSION, PROFILE, FREE SPACE, and PLAN. A red dashed box highlights the filter dropdown and the "STATUS" column in the "MONITORING" table, which shows a red dot for each player, indicating that only players with a red status are displayed.

GROUP	PLAYERS	DATE	BY	STATUS	DISPLAY	STATUS	PLAYER	PLAYLIST	MODEL	OS	VERSION	PROFILE	FREE SPACE	PLAN
Global Demo/a. Landsc...	IN I Landscape 4k	11/10/2023	James Purpleheart	08/25/2023@5:44 ...		● 0	Stix 3700-4k	9	N 2.7.5.0	Default por...	8.85 GB	Professional		
Global Demo/a. Landsc...	Jtender	11/10/2023	James Purpleheart	10/11/2023@11:35 AM		● 0	Stix 3700-4k	9	N 2.8.2.0	Reverse Po...	11.26 GB	Professional		
Global Demo/d. Video ...	CH-IC-E1	11/17/2023	Rafael Costa Antunes	09/14/2023@3:49 AM		● 0	Stix 3700-4k	9	N 2.8.1.0	Default por...	10.70 GB	Professional		
Global Demo/d. Video ...	CH-IC-E2	11/17/2023	Rafael Costa Antunes	09/14/2023@3:53 AM		● 0	Stix 3700-4k	9	N 2.8.1.0	Default por...	10.79 GB	Professional		
Global Demo/d. Video ...	CH-IC-E3b	11/17/2023	Rafael Costa Antunes	09/14/2023@4:00 AM		● 0	Stix 3700-4k	9	N 2.8.1.0	Default por...	10.76 GB	Professional		
Global Demo/d. Video ...	CH-IC-E4	11/17/2023	Rafael Costa Antunes	09/14/2023@4:01 AM		● 0	Stix 3700-4k	9	N 2.8.1.0	Default por...	10.81 GB	Professional		
Global Demo/d. Video ...	Stix3500#1	11/17/2023	Rafael Costa Antunes	09/22/2023@11:09 ...		● 0	Stix 3500	5.11	N 2.8.2.0	Default por...	9.46 Go	Professional		
Global Demo/d. Video ...	Stix3500#2	11/17/2023	Rafael Costa Antunes	09/22/2023@11:08 ...		● 0	Stix 3500	5.11	N 2.8.2.0	Default por...	8.99 Go	Professional		
Global Demo/d. Video ...	Stix3500#3	11/17/2023	Rafael Costa Antunes	09/26/2023@5:03 ...		● 0	Stix 3500	5.11	N 2.8.2.0	Default por...	9.56GB	Professional		
Global Demo/d. Video ...	Stix3500#4	11/17/2023	Rafael Costa Antunes	09/26/2023@4:46 ...		● 0	Stix 3500	5.11	N 2.8.2.0	Default por...	9.25GB	Professional		
Global Demo/d. Video ...	Win 11 NUC Display1	11/20/2023	Auto-Update@ 7:56...	11/20/2023@1:51 PM		● 13	NUC10i5FNH	Windows ...	W 2.8.4.0	Default por...	442.7 GB	Professional		
Global Demo/e. Events ...	Stix1	09/25/2023	Rafael Costa Antunes	07/20/2023@11:10 ...		● 0	Stix 3700-4k	9	N 2.7.1.0	Show_L	11.27 GB	Professional		
Global Demo/e. Events ...	StixBackup	09/25/2023	Rafael Costa Antunes	07/03/2023@11:36 ...		● 0	Stix 3700-4k	9	N 2.7.3.0	Show_L	10.72 GB	Essential		
Global Demo/e. Events ...	Windows	09/25/2023	Rafael Costa Antunes	07/03/2023@12:16 ...		● 0	SDM-EKL	Windows ...	W 2.7.5.0	Show_L	95.1 GB	Essential		
Global Demo/e. Events ...	Stix2	09/25/2023	Rafael Costa Antunes	07/06/2023@4:47 A...		● 0	Stix 3700-4k	9	N 2.7.1.0	Show_L	11.25 GB	Professional		
Global Demo/e. Events ...	Gitex 2023QL I Landsc...	10/25/2023	Marwan Salha	10/20/2023@8:52 AM		● 0	Stix 3700-4k	9	N 2.8.2.0	Default 4K	11.22 GB	Professional		
Global Demo/e. Events ...	LED Asus	10/25/2023	Marwan Salha	10/20/2023@8:56 AM	●	● 0	MINIPC PN62	Windows ...	W 2.8.2.0	Amman Off...	171.6 GB	Professional		
Global Demo/e. Events ...	Gitex 2023 I Aquajj Trig...	10/25/2023	Marwan Salha	10/20/2023@8:52 AM		● 0	Stix 3700-4k	9	N 2.8.2.0	Default por...	11.21 GB	Professional		
Global Demo/e. Events ...	CH-IC-Round screen	09/25/2023	Rafael Costa Antunes	07/14/2023@11:30 ...	●	● 0	NUC75DNKE	Windows ...	W 2.7.5.0	Default	66.9 GB	Professional		
Global Demo/e. Events ...	NUC_AQ_LQL	10/05/2023	Jfeil	11/08/2023@5:28 PM		● 1	11MY000UUS	Windows ...	W 2.8.2.0	Amman Off...	160.4 GB	Professional		

Result... You only see players with a red status. Other selected players have been removed from the results.

To disable the query and return to the default view, select “None” from the pull-down menu.

## Email Alerts

Users can automatically receive an email each time a player reports an alert. Emails will list the nature of the alert and include the name of any content that is triggering the error.

Here is a list of email alerts that are sent out by the server:

### PLAYER OFFLINE (CODE: A-01-01)

This alert is sent out when a player is offline.

### DOWNLOAD ERROR (CODE: A-01-02)

This alert is sent out when a player has failed to download a file.

### ABNORMAL TERMINATION (CODE: A-02-01)

This alert is sent out when a player has been shut down unexpectedly due to an unplanned PC/Android media player reboot or hardware crash.

### NO TIMESLOT ON SCHEDULE (CODE: A-02-02)

This alert is sent out when a player has no programming scheduled for the current day or if the player has run out of programming (exceeded the number of days without an update as per MENU > Tools > Player Technical Profile > Planning).

### CONTENT PLAYBACK ERROR (CODE: A-02-03)

This alert is sent out when any content is skipped by a player because it could not be played (for example: Player received a video file encoded with an unsupported codec so it skipped the item).

In order to send out email alerts, the server must be configured with a valid SMTP email account. Also, user accounts must include a valid email address. Lastly, the “send email” option must be enabled in the User Account settings.

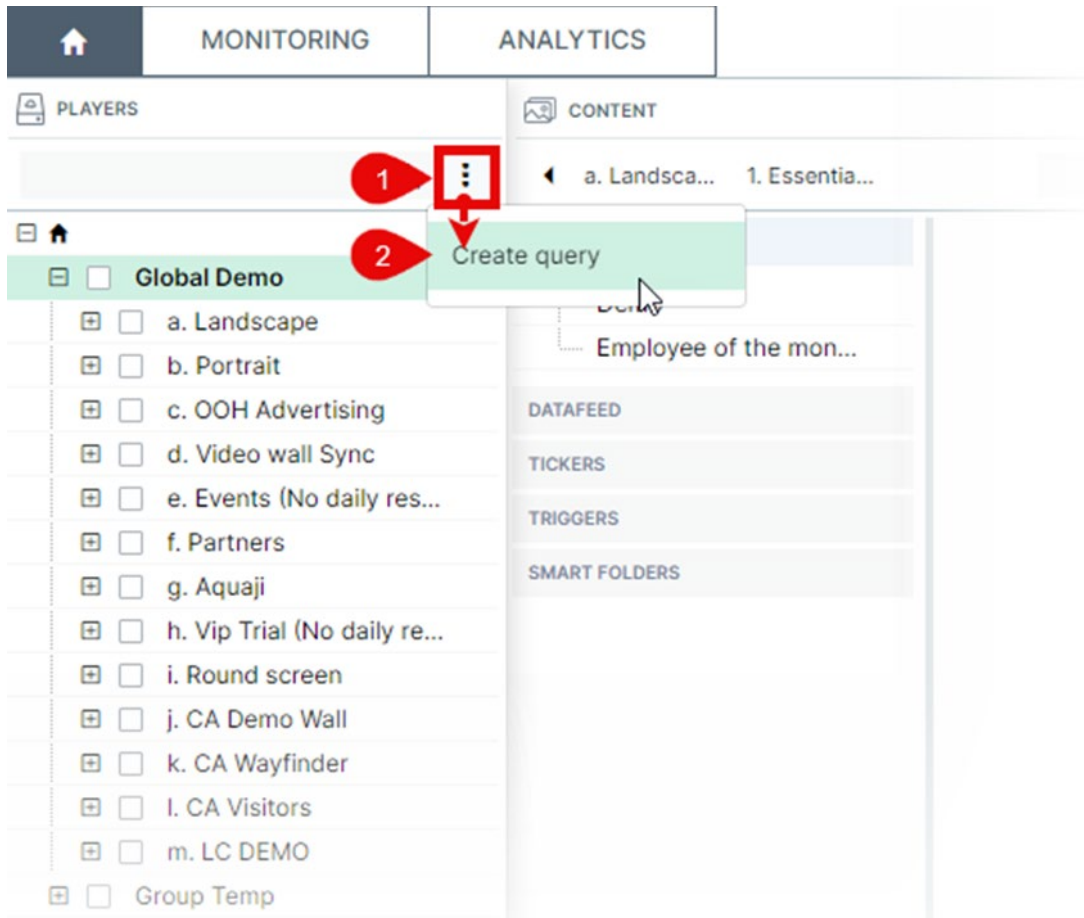
## Using Queries for your searches

Queries can be created, edited and deleted as needed.

### Creating a New Query

Click the **options** button (3-dots) located at the top of the **PLAYERS** window.





1. To add a new query to the list, click **Create query**. A new window will appear.

Enter a descriptive name for the new query. In this example, we are building a query that filters the results so only Videostar players will appear in the **Monitoring** report.

**1** Videostar Players Only

OK Cancel

FILTER Add

SEARCH ON	Operator		
<b>2</b> Name	<b>3</b> Contains	<b>4</b> Videostar	<b>5</b> Or
			X
			X
			X
			X
			X

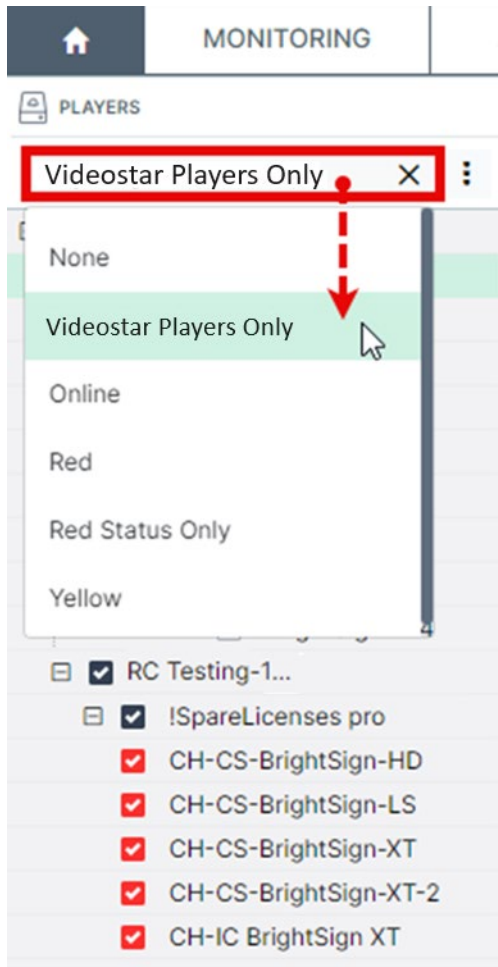
## Query Filters

2. Select a **filter** to search on.  
Available options are:
  1. Name
  2. Serial Number
  3. Tag
  4. Period
  5. Downloads
  6. Status
  7. Display
  8. Alert
  9. Version
  10. Technical Profile
  11. Plan
3. Select an **operator**.  
Options will change depending on the **filter** previously selected.
4. Enter a **criteria**.  
Options will change depending on the **operator** previously selected.
5. To create complex filters, use the **"and/or"** logical operators to link each expression.

You can delete any filter by clicking the corresponding "X" in the right column.

When you are done, click **OK** to save your new query.

The new query will now appear when you click on the pull-down field.



Result... You only see players with the word "Videostar" in their names. Other selected players have been removed from the results.

You could create variations of this, such as only show the Videostar players that are online, or that are currently assigned a Professional player license. The possibilities are endless.

To disable the query and return to the default view, select **"None"** from the pull-down menu.

## Tagging Players and Content

### Overview

Tagging is an extremely useful feature that lets you enforce unique content playback rules. In a nutshell, you assign meta tags to players based on your needs (for example, you could use a tag to indicate a player should only be playing content in a particular language, or of a specific nature). Next, you assign tags to your content according to their intended use. An ad could be tagged with the word "english" or "HQ" to ensure it either plays on specific players, or is excluded of specific players. Both options are available, so you have complete control over the location where content will appear.

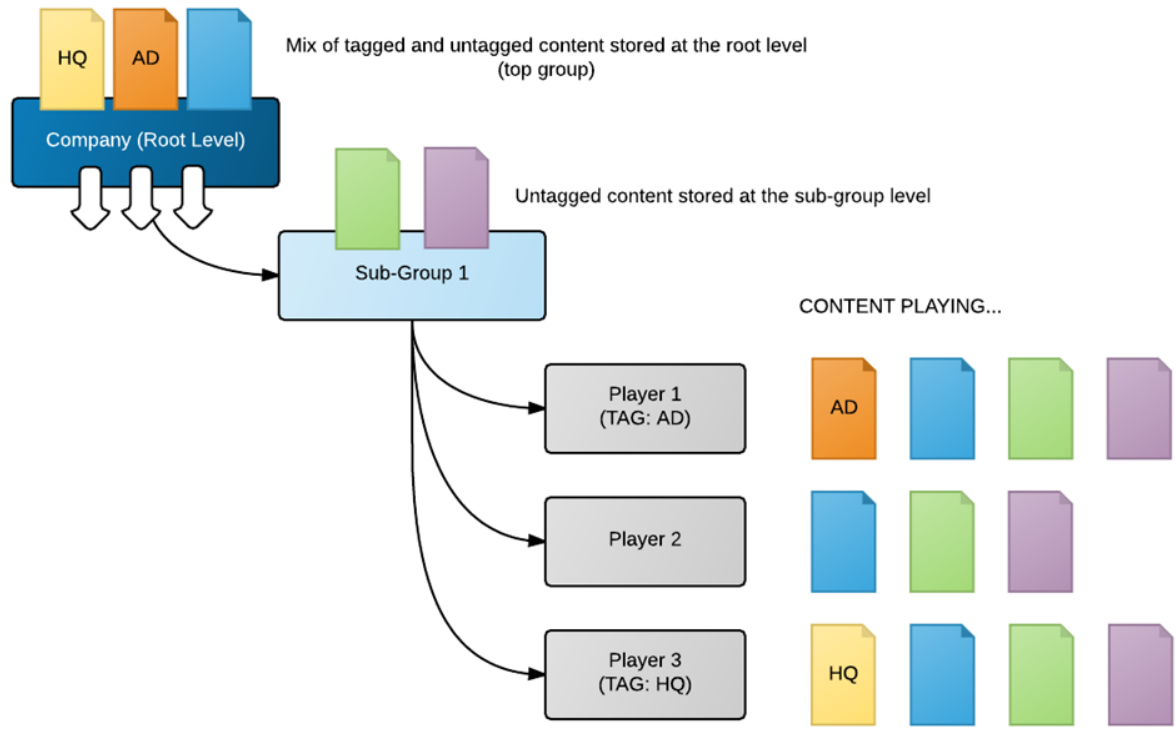
Tagging works with your VIDEOSTAR group and sub-group hierarchy. If you tag content assigned to a top-level group, you can use this content anywhere in your network and use tags to ensure it's only visible where you want. English content plays on English screens. HQ content only appears on employee facing screens, and so on...

Meanwhile, all "untagged" content in a playlist will play on all players.

Tagging is one of the many programmatic features available in the VIDEOSTAR software platform.

## How does tagging work

Here is an example illustrating how tagging works.



In the example above, we have a mix of content (tagged and untagged) stored at the top (root) level. We also have some untagged content stored at the sub-group level, where the players are located. Assuming that we have the same playlist with all the upper and lower level content programmed, the players will display content as follows:

**Player 1:** all untagged content, both local and global + any content tagged with the word: AD

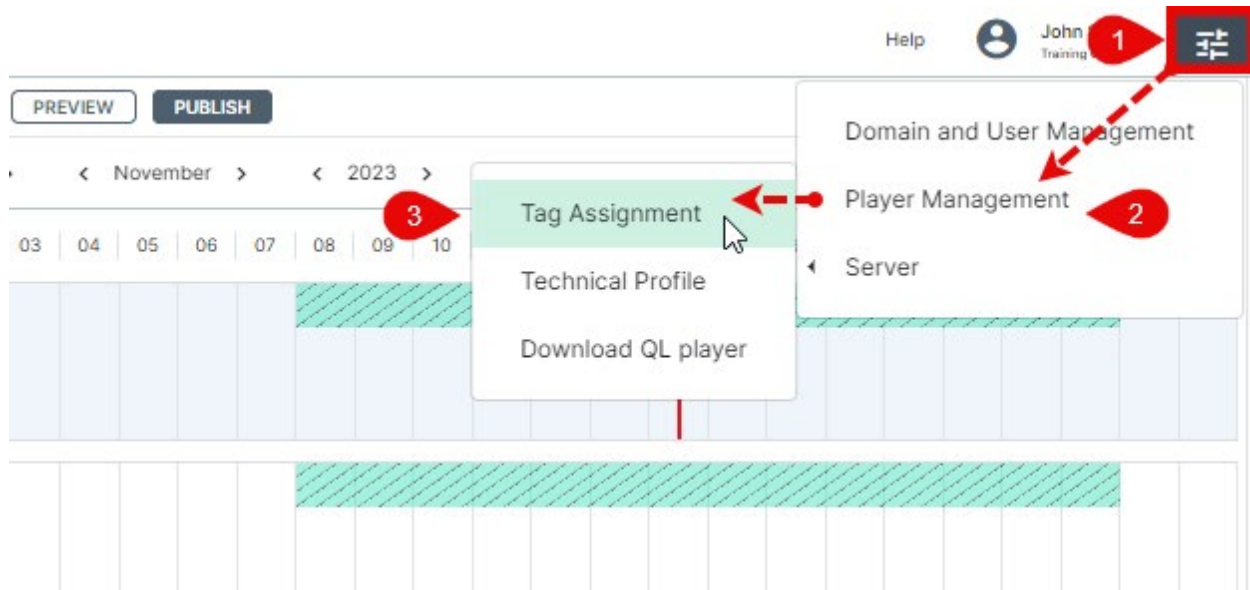
**Player 2:** only untagged content, both local and global

**Player 3:** all untagged content, both local and global + any content tagged with the word: HQ

## Creating new tags

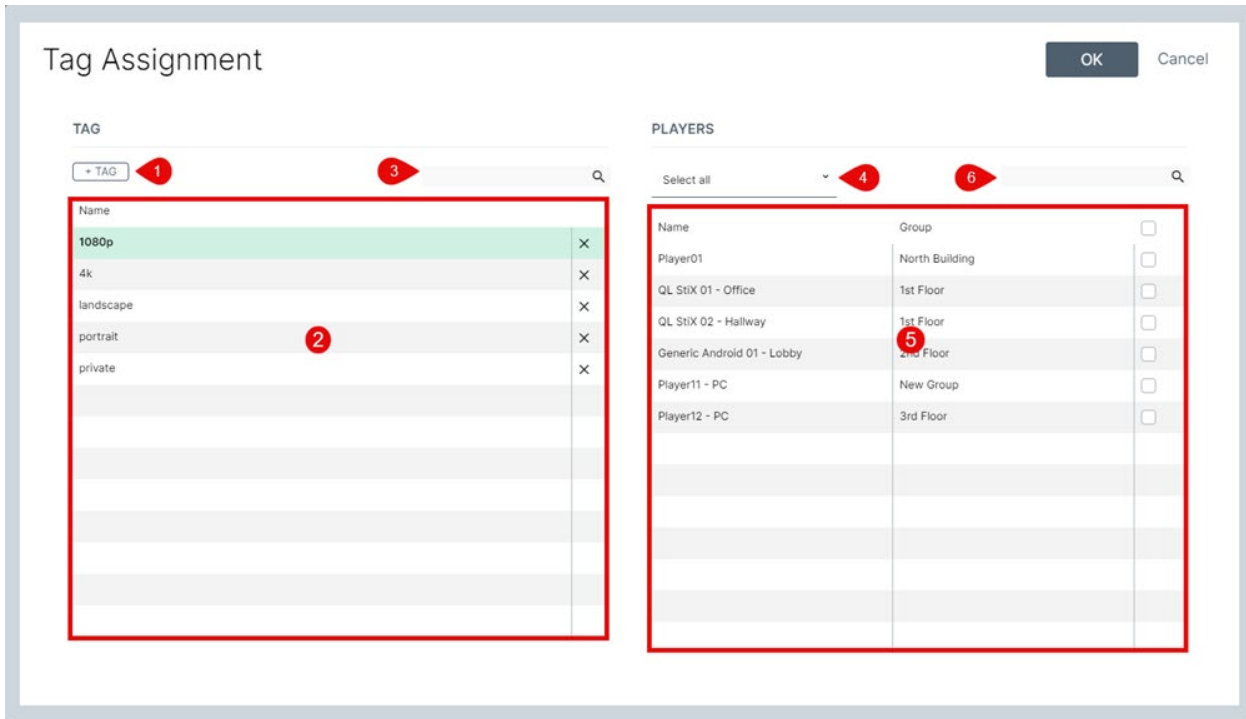
To create new tags, proceed as follows:

1. Slide your cursor to the **Main Menu** button in the upper right corner of your screen.
2. Slide your cursor up to the **Player Management** menu option,
3. Slide your cursor over and click the **Tag Assignment** option.



## The Tag Assignment window

The **Tag Assignment** window is divided into 5 main areas.



1. **Create Tag** button (+ TAG).
2. **Tag name table** lists all the tags that have been created.
3. **Search** fields. Use the left field to search for tags and the right field to search for Players.
4. **Player group** filter. Click this pull down menu to select which group you wish to see in the table below. Default is "Select all".
5. **Player table** lists the player names the user has access to.
6. **Search** field. Use this field to filter the result of the player table.

## Creating tags

Click the + TAG button.



# Tag Assignment

TAG

+ TAG **click here**

Name

1080p	X
4k	X
landscape	X
portrait	X
private	X

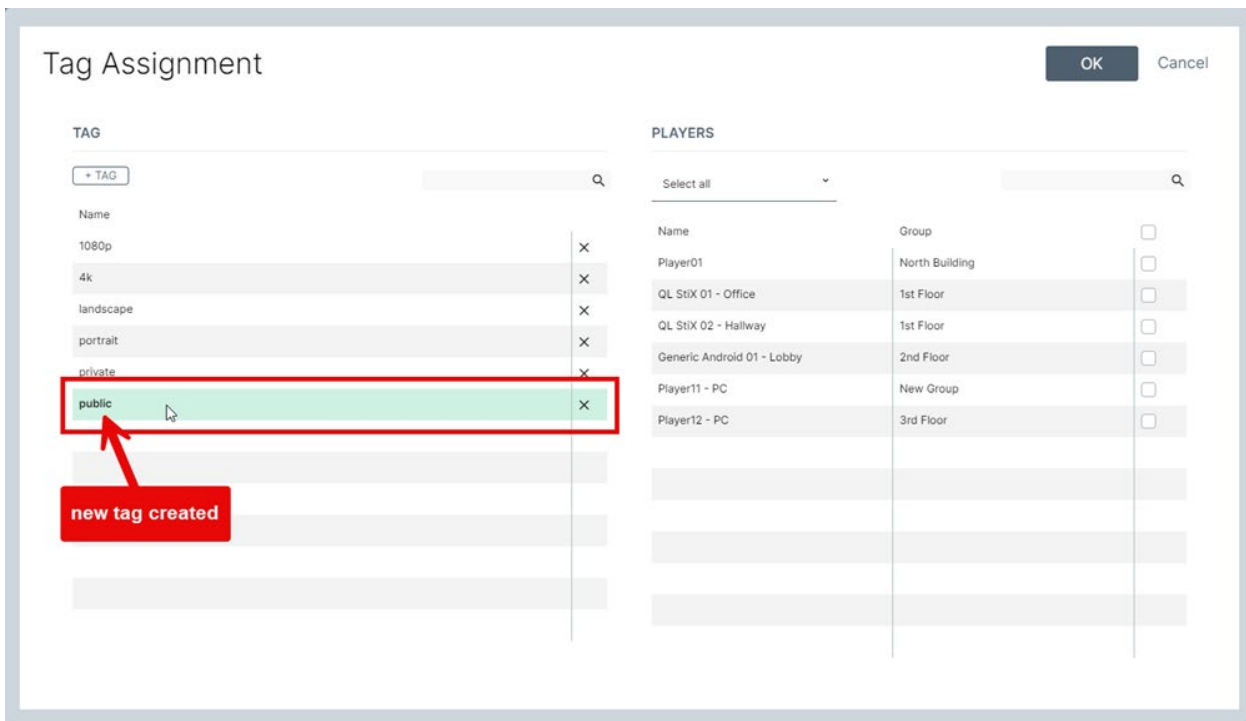
The **Tag Assignment** window will open.

Click in the field where it says "**Value**" and type the tag name you wish to assign.



Click **OK** to confirm.

Your new tag will appear in the table below.



You can create as many tags as you need in this window.

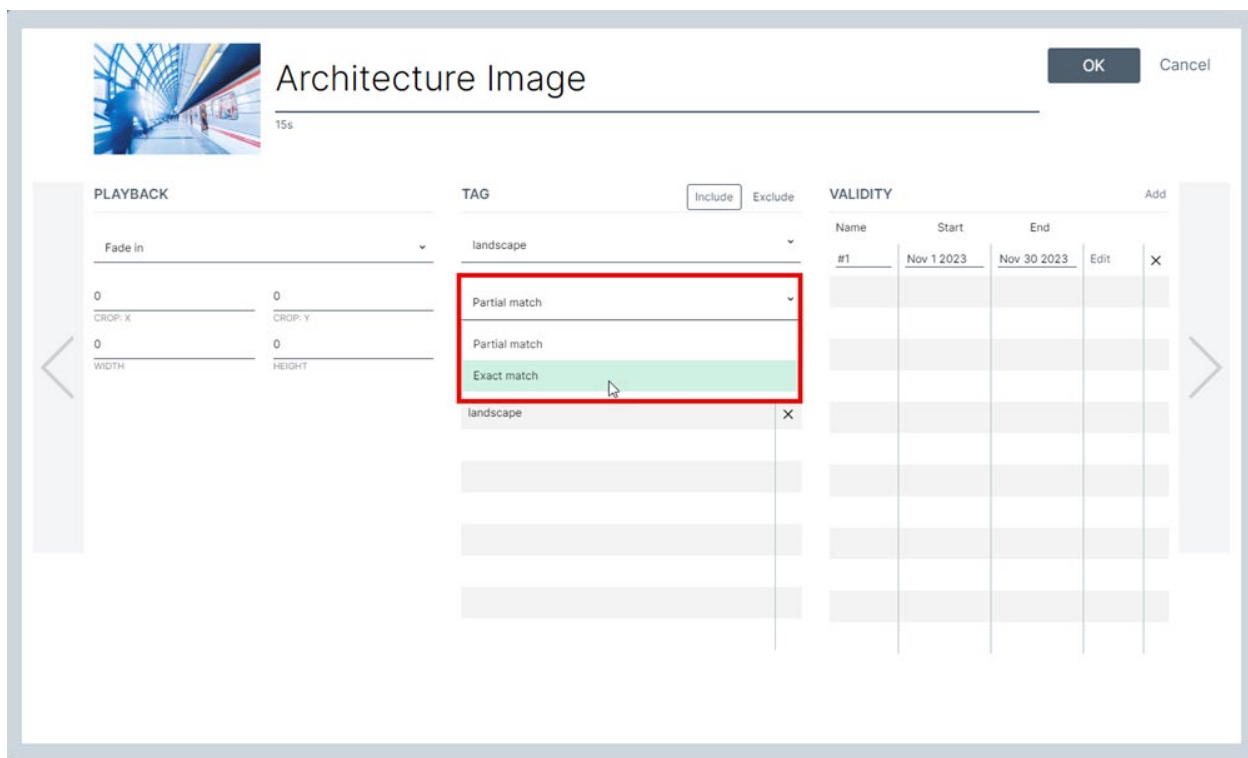
Create as many tags as you need, and remember tags can be combined to achieve unique scenarios.

Technical Support: support@genopticsmartdisplays.com or 1-866-989-7446 Ext 4

## Using tags

Using the example above, you could assign tags to ensure the right content is always shown on the right screen. Let's say you have content that is destined to your staff members and different content you want to show to your customers. You could tag the sensitive content as "Private" while advertising and other customer facing screens would be shown content tagged as "Public". The same goes for screen layouts where you can use "Landscape" and "Portrait" to tag content according to their intended orientation.

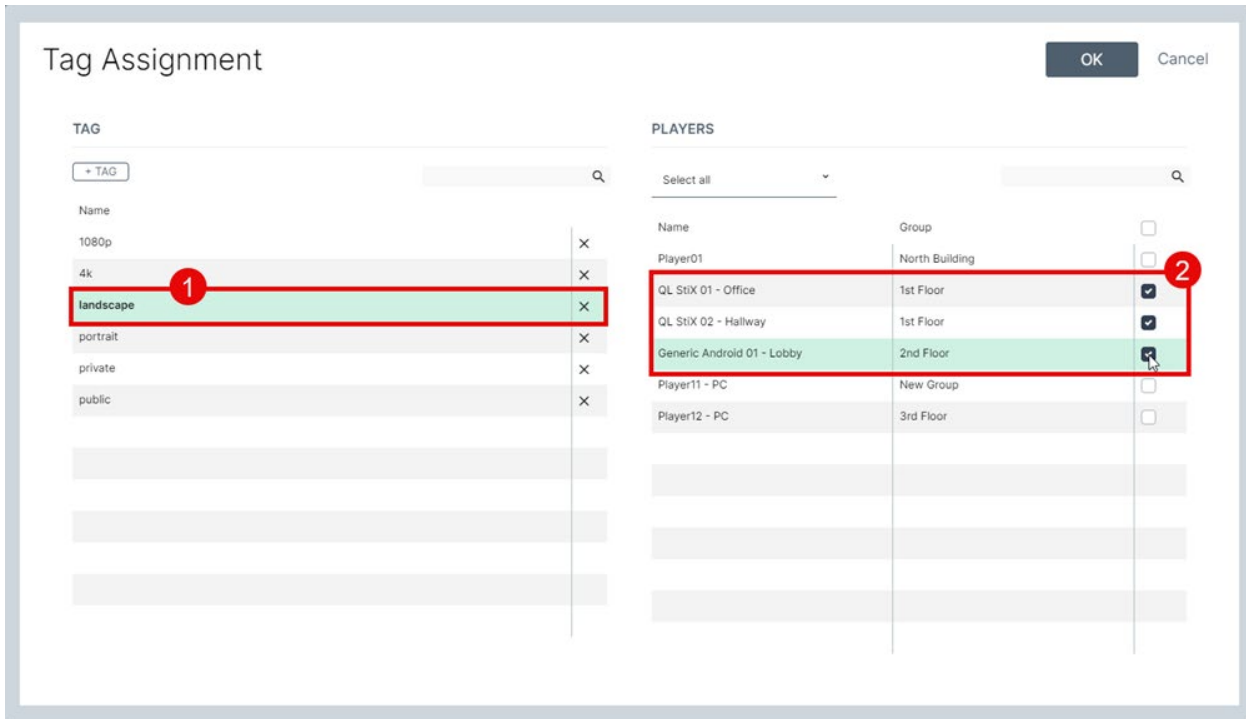
Content tagged as Public and Portrait can be shown on Players that have either or both of these tags assigned. You control this in the **Content properties** by selecting **Partial** or **Exact match**.



## Linking tags to players

Click a tag from the **TAG** table on the left side. Next, check the box for each player you wish to assign this tag in the **PLAYERS** table on the right.

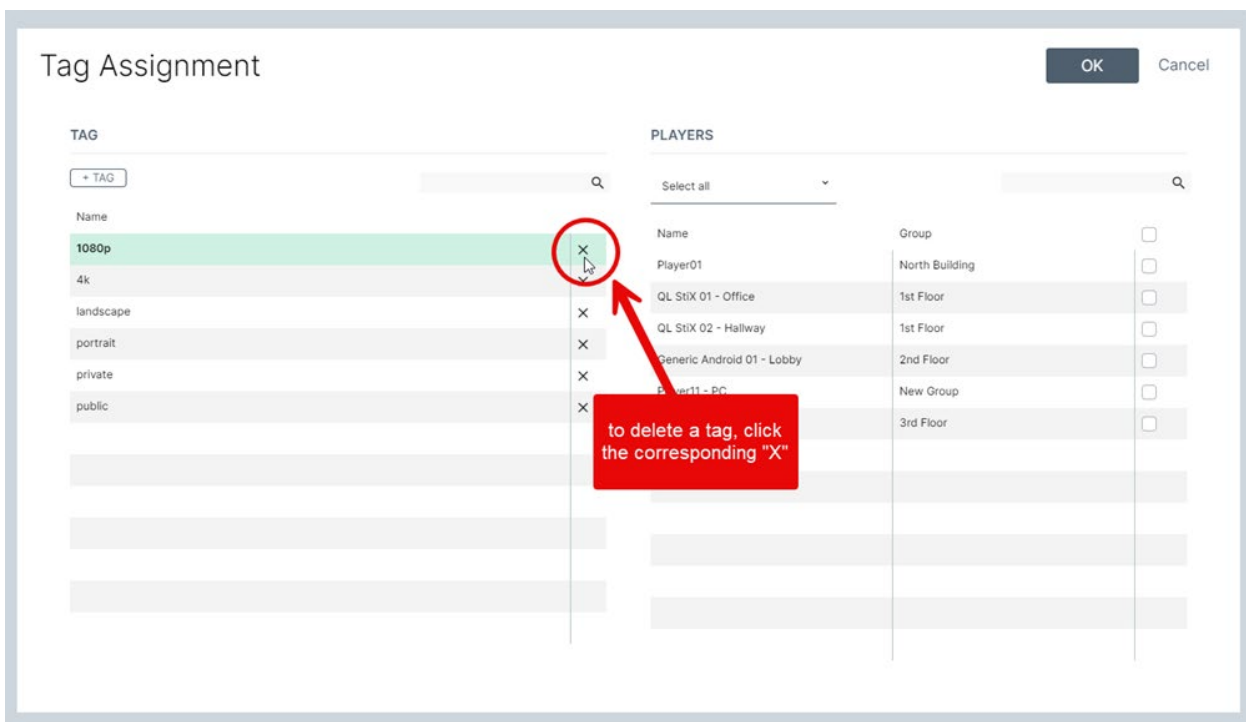
To assign a tag to all the players at once, click the box at the very top of the table.



If you want to assign another tag to the same players, repeat the process until you are done.

## Deleting tags

To delete a tag, click the corresponding "X" in the right column.



## Assigning and removing tags for individual players

While you can't create tags at the **Player Property** level, you can assign and remove tags already created in the **Tag Assignment** window for individual players.

Double click any player name to open its properties. The **TAG** section is on the right.

**Genoptic 01 - Office** [OK] [Cancel]

**GENERAL**

Status

Maurice Doran Consulting  
COMPANY

CONTACT

ADDRESS 1

CITY

STATE / PROVINCE

ZIP

COUNTRY

TELEPHONE:

MOBILE

**LOCATION SPECIFIC CONTENT**

Upload media Add url

#	Content	Duration	
1			
2			
3	US-Flag	10s	X
4			
5			
6			
7			
8			
9			
10			

**TAG**

1080p

Name

landscape	X
public	X
1080p	X

You will see all currently assigned tags in the table.

To remove a tag click the corresponding **X** in the right column.

To assign a tag click the **Select** pull down menu and scroll down the list of available tags.

■ Genoptic 01 - Office
 OK Cancel

---

**GENERAL**

Status

Maurice Doran Consulting  
COMPANY

CONTACT

ADDRESS 1

CITY

STATE / PROVINCE

ZIP

COUNTRY

TELEPHONE

MOBILE

**LOCATION SPECIFIC CONTENT**

Upload media   Add url

#	Content	Duration	
1			
2			
3	US-Flag	10s	X
4			
5			
6			
7			
8			
9			
10			

**TAG**

1080p

1080p

4k

landscape

portrait

private

public

X

X

X

X

X

X

X

X

X

X

**IMPORTANT!**

In order to be useful, tags must also be assigned to your content (this includes any media files, web URLs, streaming video, HDMI input and templates).

There are additional options you can select when you assign tags to your content, such as if tagged content should be included (shown) or excluded (skipped), and if more than one tagged is assigned – require one or all tags to be present in order for the content to be shown.

**Identifying tagged content**

Assigned tags are shown under each item's name in the Content Library. Red tag names indicate "exclusions".





Red tag names indicate "exclusions". Excluded tags mean the content will not play if there is a match between the player and the content tag.

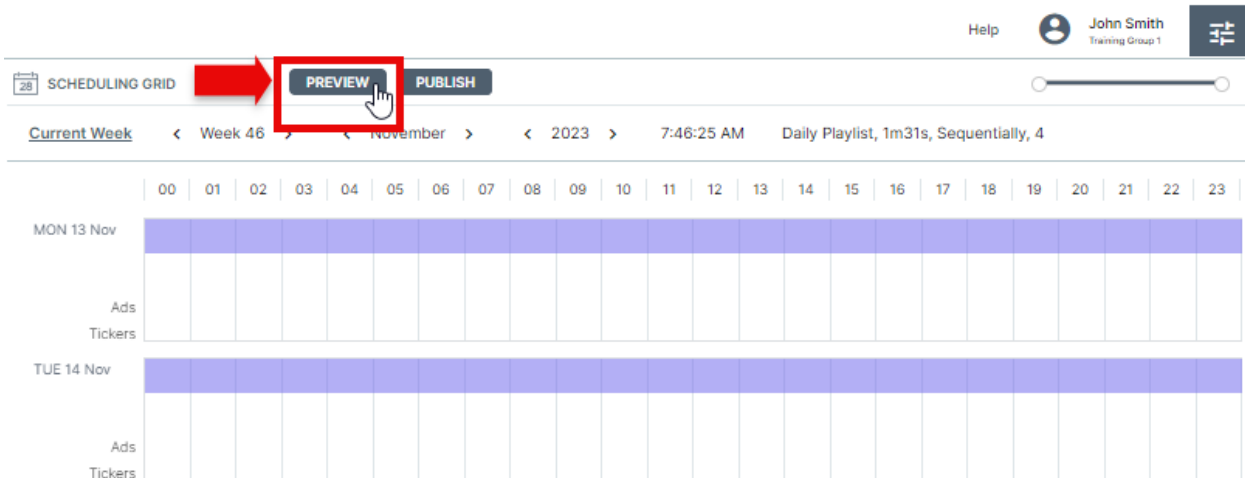


## How to generate a Preview Report

Users can generate forward looking reports to preview future programming by following these steps:

Create a program by populating the scheduling grid with playlists.

- Select the player by clicking its status box. You may select one or more players at a time.
- Click the **Preview** button to open the preview window.



The **PREVIEW** window will appear.

Thursday, November 16, 02023 OK Cancel

**PERIOD**

1 Nov 16 2023

FROM

2 12:00:00AM

FROM

11:59:59PM

TO

**SEARCH ON**

CONTENT

TAG

AD REF.

**AGGREGATION**

Played In Full

Advertising

Search Export

3839 Impressions

TIME	PLAYLISTS	CONTENT	HEIGHT WIDTH	DURATION	IMPRESSIONS
12:00:00 AM	Daily Playlist	Buying a PRESTO card	1920:1080	47s	1
12:00:46 AM	Daily Playlist	alpha_peritomorenoglaclier	1920:1080	7s	1
12:00:53 AM	Daily Playlist	alpha_halongbay	1920:1080	7s	1
12:01:00 AM	Daily Playlist	Grand Canyon	1920:1080	30s	1
12:01:30 AM	Daily Playlist	Buying a PRESTO card	1920:1080	47s	2
12:02:16 AM	Daily Playlist	alpha_peritomorenoglaclier	1920:1080	7s	2
12:02:23 AM	Daily Playlist	alpha_halongbay	1920:1080	7s	2
12:02:30 AM	Daily Playlist	Grand Canyon	1920:1080	30s	2
12:03:00 AM	Daily Playlist	Buying a PRESTO card	1920:1080	47s	3
12:03:46 AM	Daily Playlist	alpha_peritomorenoglaclier	1920:1080	7s	3

To preview what will play on any future date (any content scheduled):

1. Select the **day** you want to preview.
2. Select the **time range** (leave as-is for the entire day).
3. Click **Search**. Your results will appear in the table below.

The preview window lets users enter a future date or time span to see the results of the programs entered in the scheduling grid.

Users can filter results based on **content** name and assigned **tag**.

Results can also be filtered to only show content that will be played in full (from start to finish) or to show content only assigned to advertising playlists.

**AGGREGATION**

- Played In Full
- Advertising

Search Export

3839 Impressions

Preview reports can be exported in **Microsoft Excel** format for distribution. To do so, click the **SAVE** button (under **EXPORT**) and select a location for the file.

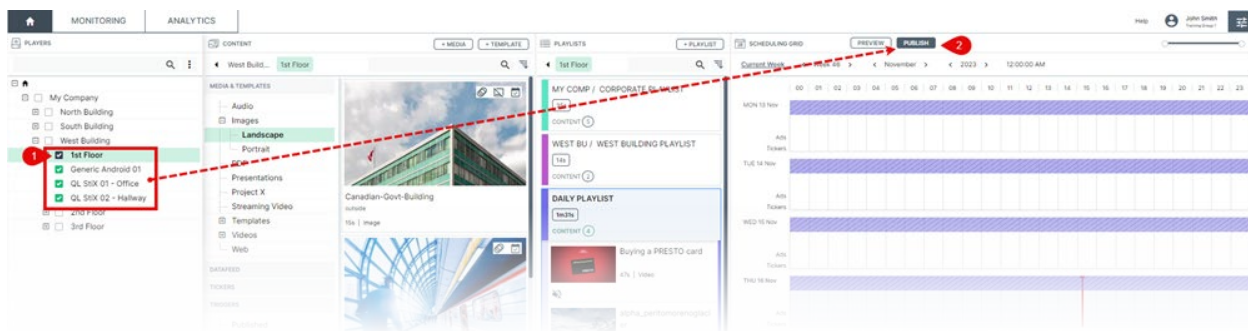
## How to deploy content and programs to the Players (Publishing Content)

### To publish instantly:

Click the **PUBLISH** button to push content updates and program instructions to your players. In fact, it's good practice to click the **PUBLISH** button whenever you have made changes that you want to show on your screen.

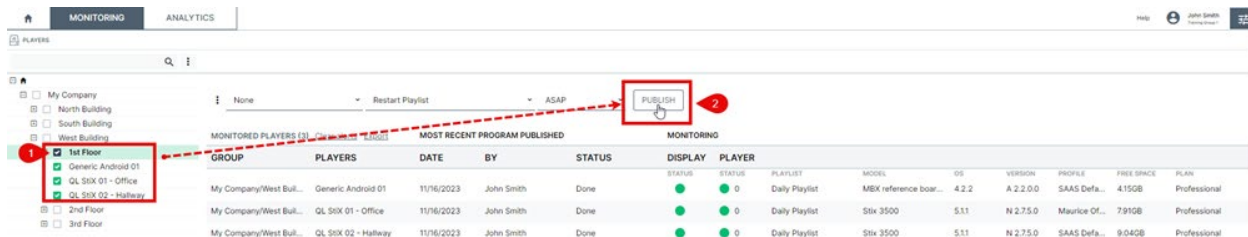
In order to publish updates to your players, you must first select them by clicking their status boxes (these are the boxes that change color according to the player status).

1. Click the **PUBLISH** button above the **scheduling grid** window.



Clicking this button sends an update to each selected player. This is a "silent" update, so there will not be any notification on-screen.

If you wish to see the file transfer progress and the notice of successful completion, you must click the **PUBLISH** button in the **MONITORING** window.



This window also shows the file transfer progress and once the process has ended you will see the message **“Done”** replace the progress bar.

indicates player has received its update

shows file transfer in progress

GROUP	PLAYERS	DATE	BY	STATUS	DISPLAY	PLAYER
My Company/West Bui...	Generic Android 01	11/16/2023	John Smith	Done	● 0	Daily Playlist
My Company/West Bui...	QL SIX 01 - Office	11/16/2023	John Smith	5 MB	0 %	Daily Playlist
My Company/West Bui...	QL SIX 02 - Hallway	11/16/2023	John Smith	7 MB	100 %	Daily Playlist

Players currently offline (red status) will show the last recorded update date and time information.

offline players show last connection date/time

GROUP	PLAYERS	DATE	BY	STATUS	DISPLAY	PLAYER
My Company/West Bui...	Generic Android 01	11/16/2023	John Smith	Done	● 0	Daily Playlist
My Company/West Bui...	QL SIX 01 - Office	11/16/2023	John Smith	Done	● 0	Daily Playlist
My Company/West Bui...	QL SIX 02 - Hallway	11/16/2023	John Smith	Done	● 0	Daily Playlist
My Company/West Bui...	Player11 - PC	06/08/2023@5:06 P...			● 0	Windows ...
My Company/West Bui...	Player12 - PC	06/08/2023@5:07 PM			● 0	Windows ...

## Auto publishing updates to your players

When the **"DAILY PUBLISH"** option is enabled in a player's Technical Profile, the player will receive a daily update at the specified time. When this happens, deferred publishing no longer applies because the player automatically receives all unpublished programming at that time. Here's an example. Let's say you have deferred publishing a week in the future and your player's technical profile has the daily publish option enabled at 1:00 AM. The player will receive your deferred update at around 1 AM tomorrow.

select

**DAILY PUBLISH**

7  
DAYS DOWNLOADED

Enable

01:00:00AM  
AT

02:30  
TOLERANCE MINUTES

If you wish to use deferred publishing updates, make sure **Daily Publish** is disabled in your **Player Technical Profile**.

## Advanced publishing options

By default, clicking the **Publish** button immediately triggers the following steps:

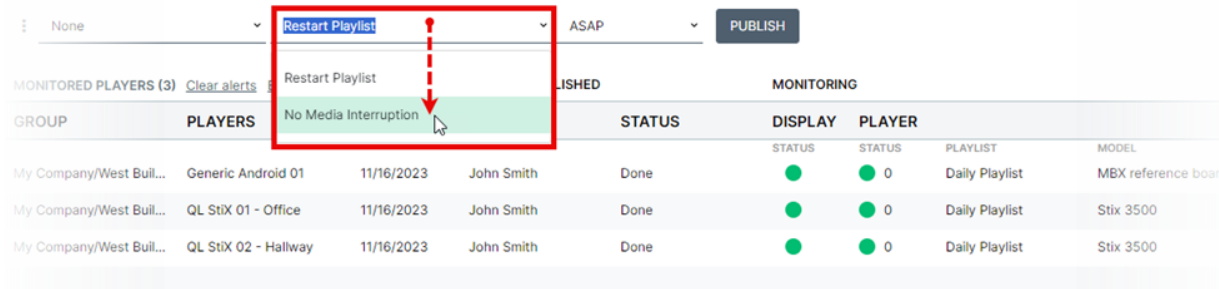
- All required content and player instructions are “packaged” and sent to each selected player.
- Only new and modified content is sent. Content already stored on each player is not sent again. This is to preserve bandwidth.
- Once the players have received their update, the currently running playlist resets itself and jumps back to its beginning.

The following options can be selected:

Users can select the “**No Media Interruption**” option so the currently running playlist will continue as if nothing happened.

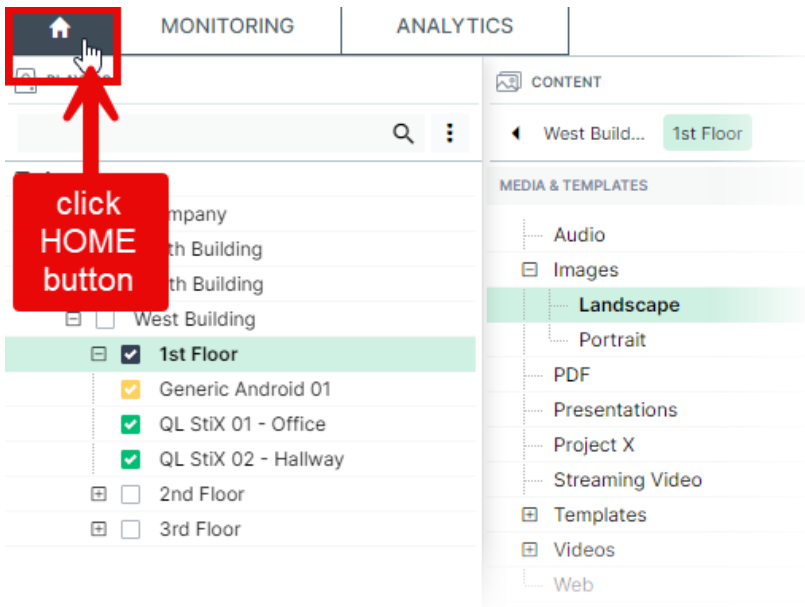
The playlist will not immediately loop back to the beginning when the player receives its update.

Instead the playlist will continue play until the end and will only display any changes once it loops back to its beginning.



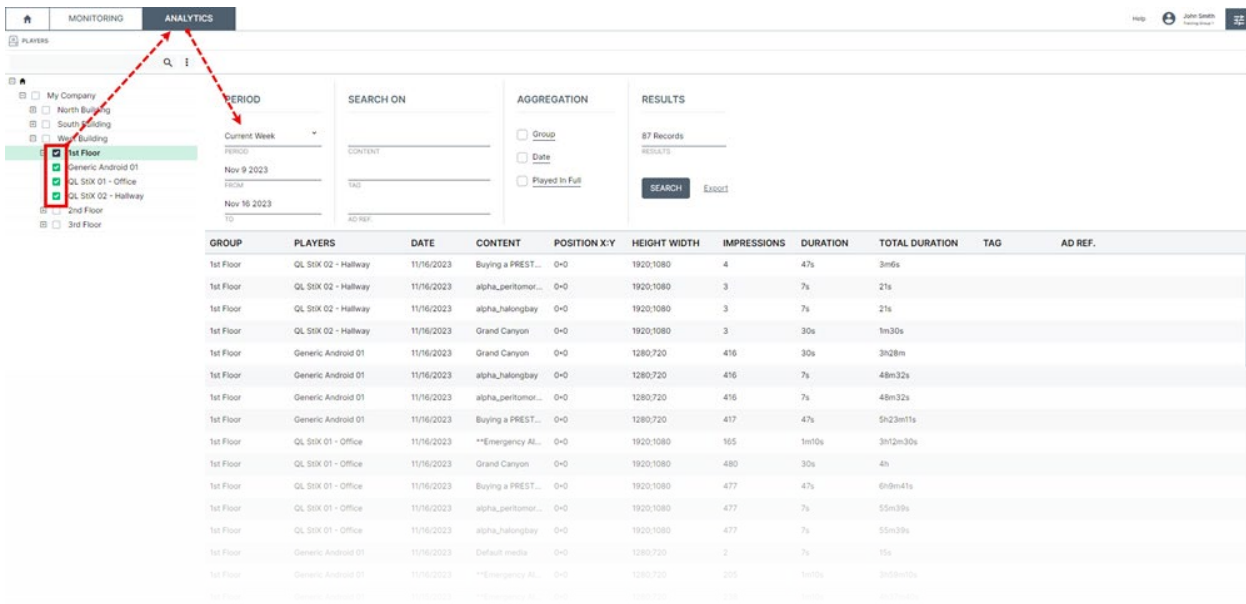
## How to restore the default Player and Group view

Clicking each button at the top of the **Player** window switches between the **home**, **monitoring** or **analytics** view.



## How to access a Player's Analytics Reports

To access a player's proof of playback report, click the **Analytics** button above the player list after selecting the player (or players) to include in the report.



## Reporting Period

Select the reporting period via the pull down menu or enter a period start and end date by clicking in each field and select each date.

MONITORING ANALYTICS

PLAYERS

My Company
 

- North Building
- South Building
- West Building
- 1st Floor**
  - Generic Android 01
  - QL StIX 01 - Office
  - QL StIX 02 - Hallway
- 2nd Floor
- 3rd Floor

PERIOD

- Current Week
- Today
- Yesterday
- Current Week
- Last two weeks
- Last month
- Last quarter

SEARCH ON

CONTENT

TAG

AD REF.

AGGR:

- Grid
- Date
- Play

GF	RS	DATE	CONTENT
1st F	QL StIX 02 - Hallway	11/16/2023	Buying a PREST...
1st F	QL StIX 02 - Hallway	11/16/2023	alpha_peritomor...
1st Floor	QL StIX 02 - Hallway	11/16/2023	alpha_halongbay
1st Floor	QL StIX 02 - Hallway	11/16/2023	Grand Canyon
1st Floor	Generic Android 01	11/16/2023	Grand Canyon
1st Floor	Generic Android 01	11/16/2023	alpha_halongbay
1st Floor	Generic Android 01	11/16/2023	alpha_peritomor...
1st Floor	Generic Android 01	11/16/2023	Buying a PREST...

To select individual dates, pick the start and end date for the report.

MONITORING ANALYTICS

PLAYERS

My Company
 

- North Building
- South Building
- West Building
- 1st Floor**
  - Generic Android 01
  - QL StiX 01 - Office
  - QL StiX 02 - Hallway
- 2nd Floor
- 3rd Floor

PERIOD: Today

SEARCH ON: CONTENT

AGGREGATION:
 

- Group
- Date
- Played In Full

FROM: Sep 1 2023

TO: Oct 31 2023

DATE	CONTENT	POSITION X:Y
11/16/2023	Buying a PREST...	0+0
11/16/2023	alpha_peritomor...	0+0
11/16/2023	alpha_halongbay	0+0
11/16/2023	Grand Canyon	0+0
11/16/2023	Grand Canyon	0+0
11/16/2023	alpha_halongbay	0+0
11/16/2023	alpha_peritomor...	0+0
11/16/2023	Buying a PREST...	0+0
11/16/2023	**Emergency Al...	0+0
11/16/2023	Grand Canyon	0+0
11/16/2023	Buying a PREST...	0+0

## Search Filters

If no search parameters are entered, the results will include every content played during the specified reporting period.

To filter your search results, you can enter the full or partial name of the desired content, an assigned meta-tag or advertising reference.

Next, click **Search** to generate the results.

To remove the filters and show all played media again, clear out each field and click **Search**.



**PERIOD**

Today

PERIOD

Sep 1 2023

FROM

Oct 31 2023

TO

**SEARCH ON**

1 grand

CONTENT

TAG

AD REF.

**AGGREGATION**

Group

Date

Played In Full

**RESULTS**

28 Records

RESULTS

2 SEARCH Export

GROUP	PLAYERS	DATE	CONTENT	POSITION X:Y	HEIGHT WIDTH	IMPRESSIONS	DUR
1st Floor	QL StIX 02 - Hallway	10/31/2023	alpha_grandcany...	0*0	1920;1080	393	7s
1st Floor	QL StIX 02 - Hallway	10/26/2023	alpha_grandcany...	0*0	1920;1080	222	7s
1st Floor	QL StIX 01 - Office	10/25/2023	alpha_grandcany...	0*0	1920;1080	1894	7s
1st Floor	QL StIX 01 - Office	10/25/2023	alpha_grandcany...	0*0	1920;1080	1893	7s
1st Floor	QL StIX 02 - Hallway	10/25/2023	alpha_grandcany...	0*0	1920;1080	339	7s
1st Floor	QL StIX 02 - Hallway	10/19/2023	alpha_grandcany...	0*0	1920;1080	367	7s
1st Floor	QL StIX 02 - Hallway	10/18/2023	alpha_grandcany...	0*0	1920;1080	386	7s
1st Floor	QL StIX 02 - Hallway	10/12/2023	alpha_grandcany...	0*0	1920;1080	15	7s

## Aggregating Search Results

To aggregate search results, select the method: Group or Date from the first pull down menu under **Aggregation**.

- Selecting **Group** will aggregate the results by group.
- Selecting **Date** will aggregate the results by date.

### AGGREGATION

- Group
- Date
- Played In Full

### RESULTS

28 Records

RESULTS

SEARCH

[Export](#)

## Played In Full Option

Selecting this option will remove from the results any media that did not play from beginning to end.

To properly use this option, we recommend also activating the **Media Priority** option in the playlist properties (right click on a Playlist symbol, select **Playback Options > Media**).

This will ensure your reports will exclude any content that did not play until the end. Only complete impressions will be shown in your report.

**Daily Playlist** [OK] [Cancel]

**GENERAL**

John Smith  
REVISED BY  
Nov 14, 2023 9:15 AM  
ON

**PLAYBACK OPTIONS**

Scheduling grid  
Scheduling grid  
Media

**ROLE**

Users	Can see
client01	<input checked="" type="checkbox"/>
Manager@MyCompany	<input checked="" type="checkbox"/>
Pro Training	<input checked="" type="checkbox"/>
Training Account	<input checked="" type="checkbox"/>
Training Manager	<input checked="" type="checkbox"/>

*Define user visibility*

**RESTRICTIONS**

0  
MAXIMUM NUMBER OF CONTENT ALLOWED

00:00:00  
MAXIMUM DURATION

## Generating a Report

To create a new report, click the **Search** button. The number of records in the results will be indicated below.

**NOTE:** Be sure to click the **Search** button each time you change a parameter to refresh the results.

### Information available

- **Group:** The name of the group where the player is located.
- **Players:** Name of the player.
- **Date:** Date the event was recorded.
- **Content:** Name of the content / media.
- **Position X:Y:** The originating coordinate of the playback window. If 0:0 = upper left corner of the screen. X represents the position in pixels from the left of the screen. Y represents the position in pixels from the top of the screen.
- **Height / Width:** The height and width of the player window in pixels. Examples: HD = 1280 x 720, Full HD = 1920 x 1080, etc... If non standard size shown, content was played in a template zone, or full-screen at a non-standard display resolution.
- **Impressions:** Number of times the content was shown on the player's screen.
- **Duration:** The duration of the content.
- **Total Duration:** The total content playback duration based on the number of impression and individual item duration.  
Example: 15 sec. video with 100 impressions = total duration of 25 hours of playback.

- **Tag:** Lists all tags assigned to the content.
- **Ad Ref.:** Lists the advertising reference assigned to the content.

## Sorting Your Results

Results are sorted alphabetically, and you can reverse the order by clicking on any column title. For example, clicking on the **CONTENT** column title once will bring up a small “up” arrow and the results will be sorted in ascending order. Click again and the arrow will point down. The results will be sorted in descending order.

You can reorder your results on any column. Clicking on the **POSITION (X:Y)** title once will sort the results so all the content playing from the origin point (X:0, Y:0) will be shown first, followed by content that was displayed in other screen locations (such as in a template zone). Clicking the title again will reverse the sorting order.

### Ascending Order or Descending Order:

The screenshot shows a reporting interface with the following sections:

- PERIOD:** Today (dropdown), Sep 1 2023 (FROM), Oct 31 2023 (TO)
- SEARCH ON:** grand (dropdown), CONTENT (input), TAG (input), AD REF. (input)
- AGGREGATION:**  Group,  Date,  Played In
- RESULTS:** 28 Records, Export button

The data table below has the following columns: GROUP, PLAYERS, DATE, CONTENT, POSITION X:Y, HEIGHT WIDTH, IMPRESSIONS, DURATION, TOTAL DURATION, TAG, AD REF. A red circle highlights the 'CONTENT' column header, and a red arrow points to it from a callout box.

GROUP	PLAYERS	DATE	CONTENT	POSITION X:Y	HEIGHT WIDTH	IMPRESSIONS	DURATION	TOTAL DURATION	TAG	AD REF.
1st Floor	QL StIX 02 - Hallway	10/31/2023	alpha_grandcany...	0+0	1920;1080	393	7s	45m51s		
1st Floor	QL StIX 02 - Hallway	10/26/2023	alpha_grandcany...	0+0	1920;1080	222	7s	25m54s		
1st Floor	QL StIX 01 - Office	10/25/2023	alpha_grandcany...	0+0	1920;1080	1894	7s	3h40m58s		
1st Floor	QL StIX 01 - Office	10/25/2023	alpha_grandcany...	0+0	1920;1080	1893	7s	3h40m51s		
1st Floor	QL StIX 02 - Hallway	10/25/2023	alpha_grandcany...	0+0	1920;1080	339	7s	39m33s		
1st Floor	QL StIX 02 - Hallway	10/19/2023	alpha_grandcany...	0+0	1920;1080	367	7s	42m49s		
1st Floor	QL StIX 02 - Hallway	10/18/2023	alpha_grandcany...	0+0	1920;1080	386	7s	45m2s		
1st Floor	QL StIX 02 - Hallway	10/12/2023	alpha_grandcany...	0+0	1920;1080	15	7s	1m45s		
1st Floor	QL StIX 01 - Office	10/13/2023	alpha_grandcany...	0+0	1920;1080	434	7s	50m38s		

## Exporting Your Reports

Playback reports can be exported out of the system and saved to your local PC for distribution. The file will be saved in **Microsoft Excel** format.

To export a report you just created, click the **Export** button. A microsoft explorer window will open where you can select where you wish to save the file.

The default file name will be the current date and time but you can override this and enter the name of your choice. Click **Save** to complete the operation.

## AGGREGATION

- Group
- Date
- Played In Full

## RESULTS

28 Records

RESULTS

SEARCH

click here to  
download a  
CSV file of  
your report

Export

**PLEASE NOTE:** Whenever you install the VIDEOSTAR Player software on a PC or other type of device, a default initial media is shown on screen until the player receives its first program update.

Players displaying the initial media will show a 5 hour content playback in the report unless you select the **Played in Full** option and click the **Search** button to refresh the results.

## AGGREGATION

- Group
- Date
- Played In Full

1

## RESULTS

28 Records

RESULTS

SEARCH

Export

2

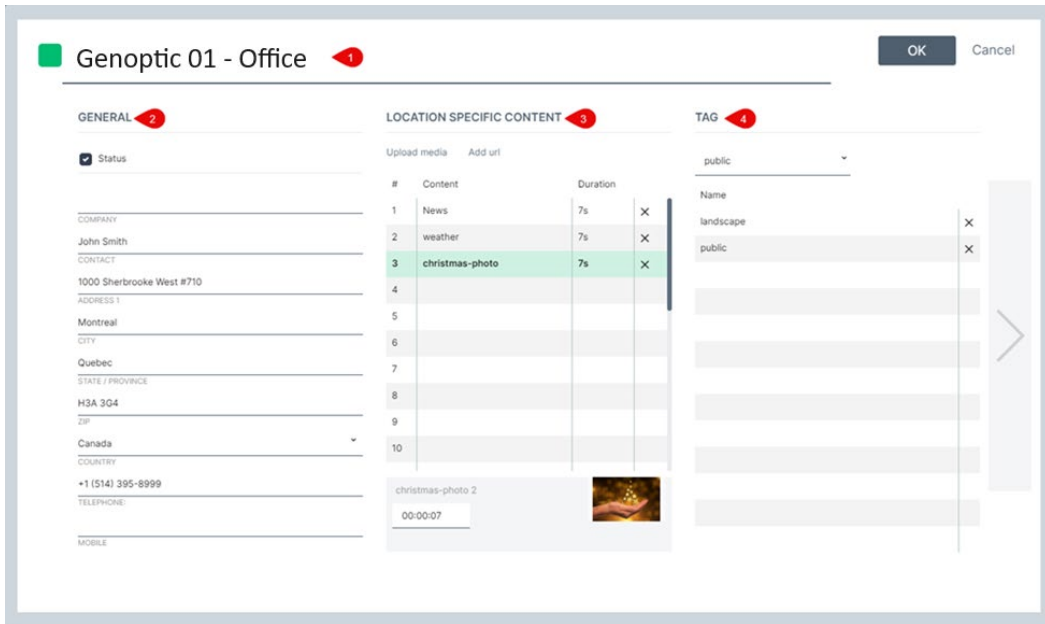
Once you perform these steps, the actual initial media playback time will be shown.

## Player Properties

You can customize each VIDEOSTAR Player through a series of properties:

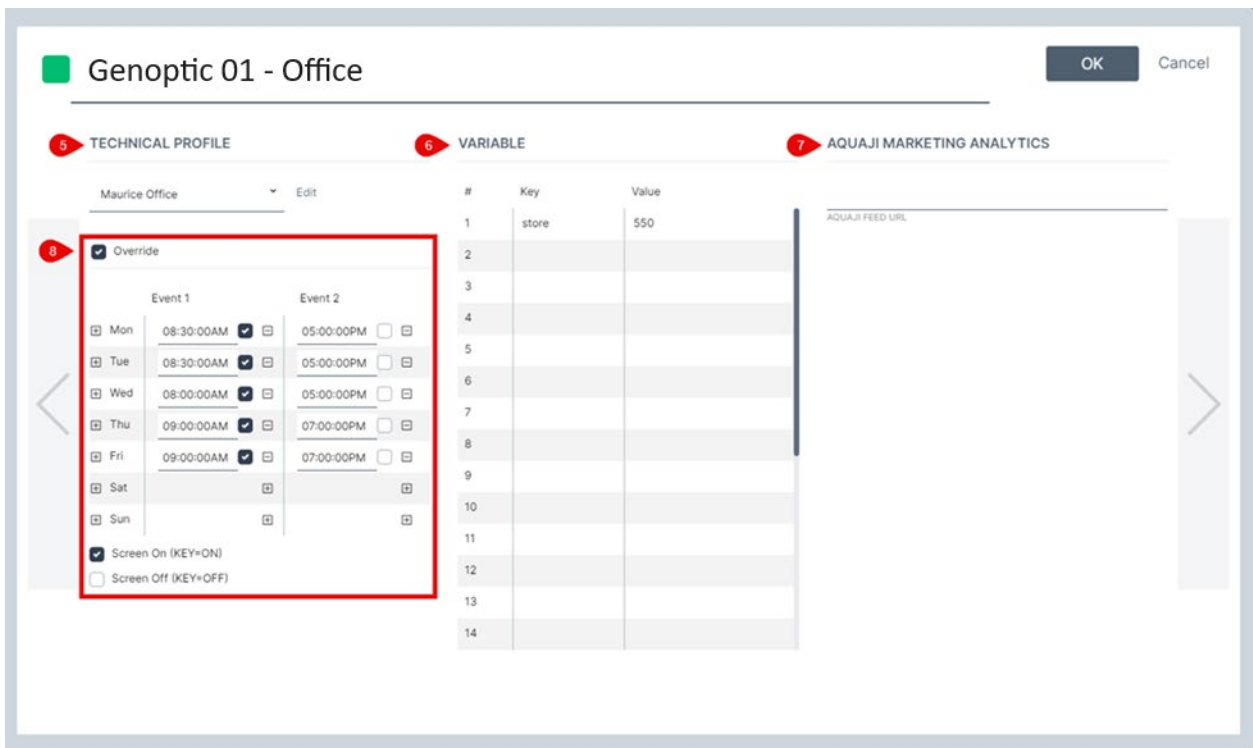
### Screen 1

1. **Player name:** The default player name is always Player01, Player02, etc... You can rename the player and give it a more unique and meaningful name, like Lobby Screen or Meeting Room – 2nd Floor
2. **General properties:** Enter information about the player's physical location. It's also good practice to include the contact information of someone near the player's physical location who can tend to the player.



- Location specific content:** Add content specific to this player that can be called up any playlist. This is full screen content like videos, images, Flash SWF or even web pages (URLs).
- Player tag:** Assign meta tags to determine which content can be played on this device. Content assigned matching tags will play on this player.

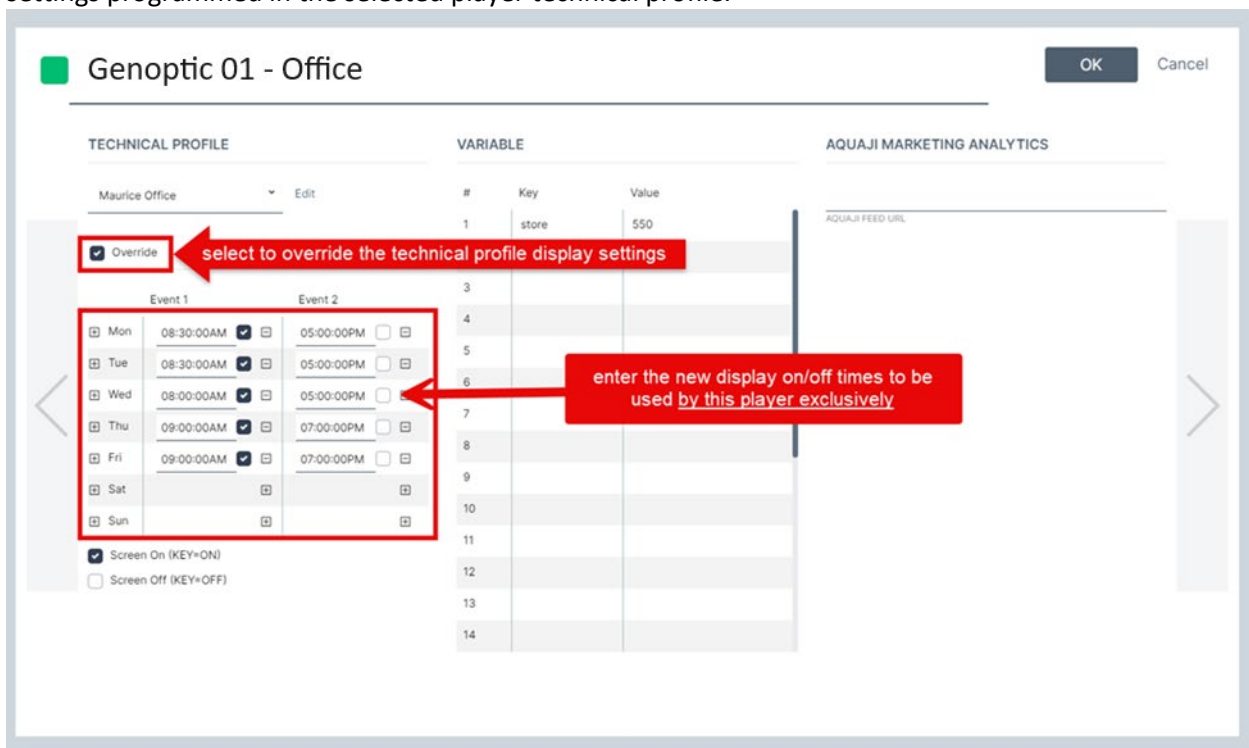
## Screen 2



5. **Technical profile:** Technical profiles are predefined by Genoptic Smart Displays regarding this feature. Please contact us for more details.
6. **Important :** Please do not make any changes to technical profile, as that can result in loss of account/account information.
7. **Marketing Analytics:** VIDEOSTAR Players are predefined by Genoptic Smart Displays regarding this feature. Please contact us for more details.
8. **Display Control:** By default, the screens are programmed to follow the on/off schedule set in the **Player's Technical Profile**. You can override this setting for each player by selecting the "Override" option and then selecting the on and off times for each day of the week.

**NOTE:** Users who have access to the player properties can override any player's preprogrammed display on/off times by selecting the **Display Control Override** check box. This unlocks the **screen event table** where they can change each player's screen on and off period. Clicking the plus (+) button and selecting the check box to the right of the time fields will add a "screen on" command. Click the minus (-) button and leave the check box empty to create a "screen off" command.

If no override is created, or if the **Display Control Override** box is left unchecked, the screens will follow the on/off settings programmed in the selected player technical profile.



**NOTE:** You can set multiple display on/off times to any day. Simply click the "+" box to the left of the day to add a new selection, then enter the on-off times for each one.

## DISPLAY CONTROL

click + to set multiple on/off times to any day of the week

	Event 1		Event 2	
<input checked="" type="checkbox"/>	Mon	08:00:00AM	<input checked="" type="checkbox"/>	07:00:00PM
<input checked="" type="checkbox"/>	Mon		<input type="checkbox"/>	
<input checked="" type="checkbox"/>	Mon		<input type="checkbox"/>	
<input checked="" type="checkbox"/>	Tue	08:00:00AM	<input checked="" type="checkbox"/>	07:00:00PM
<input checked="" type="checkbox"/>	Wed	08:00:00AM	<input checked="" type="checkbox"/>	07:00:00PM
<input checked="" type="checkbox"/>	Thu	08:00:00AM	<input checked="" type="checkbox"/>	07:00:00PM
<input checked="" type="checkbox"/>	Fri	08:00:00AM	<input checked="" type="checkbox"/>	07:00:00PM

Screen On (KEY=ON)  
 Screen Off (KEY=OFF)

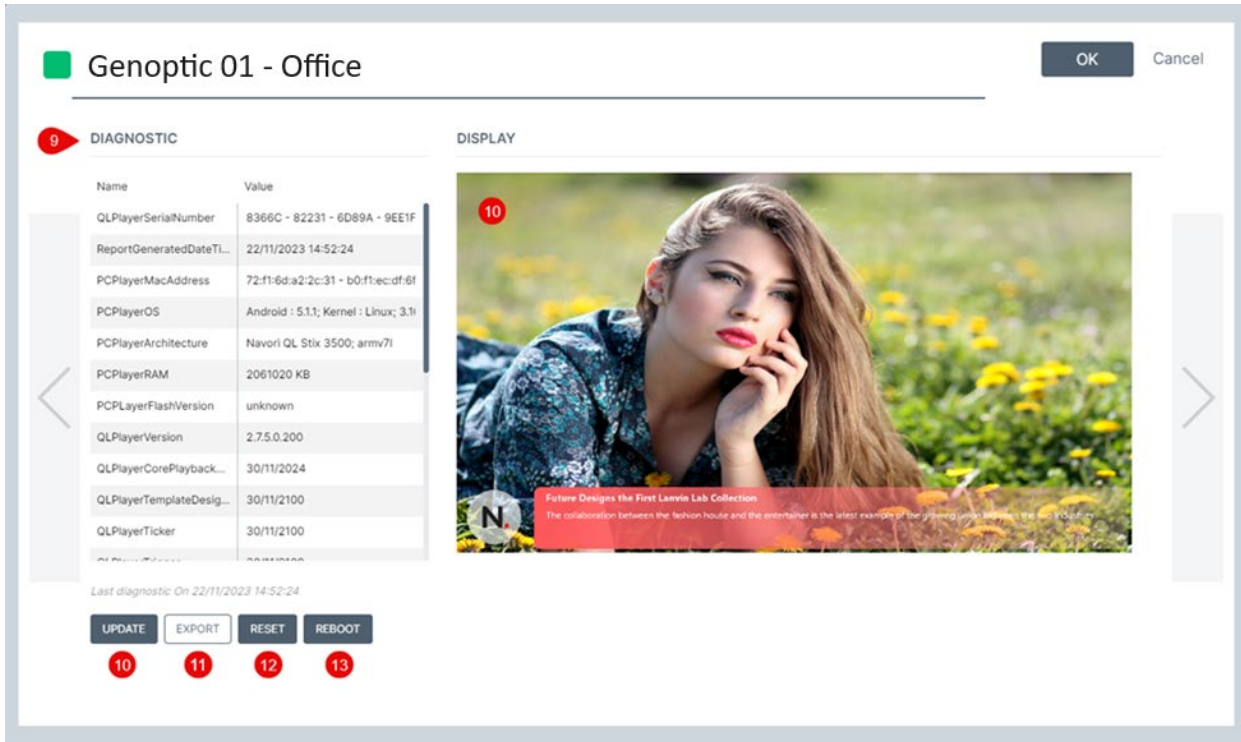
### Example:

## DISPLAY CONTROL

	Event 1		Event 2	
<input checked="" type="checkbox"/>	Mon	08:00:00AM	<input checked="" type="checkbox"/>	02:00:00PM
<input checked="" type="checkbox"/>	Mon	04:00:00PM	<input checked="" type="checkbox"/>	06:00:00PM
<input checked="" type="checkbox"/>	Mon	08:00:00PM	<input checked="" type="checkbox"/>	10:00:00PM
<input checked="" type="checkbox"/>	Tue	08:00:00AM	<input checked="" type="checkbox"/>	07:00:00PM
<input checked="" type="checkbox"/>	Wed	08:00:00AM	<input checked="" type="checkbox"/>	07:00:00PM
<input checked="" type="checkbox"/>	Thu	08:00:00AM	<input checked="" type="checkbox"/>	07:00:00PM
<input checked="" type="checkbox"/>	Fri	08:00:00AM	<input checked="" type="checkbox"/>	07:00:00PM

Screen On (KEY=ON)  
 Screen Off (KEY=OFF)

## Screen 3



9. **Diagnostic:** This table shows diagnostic information retrieved from the device VIDEOSTAR Player is running on. This is a "snapshot" of the current state of the PC or other device. Refer to this information for troubleshooting or maintenance purposes. To refresh the information on this page, click the **Update** button (#10) below the table.
10. **Update:** This button refreshes the data in the **Diagnostic** table (9) and also takes a new frame shot of the content currently being displayed on the player's screen. The image appears to the right of the Diagnostic table.
11. **Export:** Click this button to generate and download a CSV file with the diagnostic information. TIP: Use this feature to grab technical data that you can upload with your Videostar support ticket.
12. **Reset:** This button resets the VIDEOSTAR Player software on the device, restoring it to its "newly installed" state. All content and programming will be deleted from the device and the initial media will be shown on screen until a new program is published. TIP: It may be useful to perform a reset when a player misbehaves as the device will receive a fresh batch of files.
13. **Reboot:** This button forces the player device to restart.



## Screen 4

**Genoptic 01 - Office** [OK] [Cancel]

**14 LICENSE INFORMATION**

QL Player  
PRODUCT NAME  
2.7.5.0.200  
VERSION  
8366C - 82231 - 6D89A - 9EE1F - 9113C - C4357 - 0BD25  
SERIAL NUMBER  
05/01/2023  
ACTIVATION  
31/12/2024  
EXPIRATION DATE  
[RESET THE LICENSE] **17**

**15 ADD-ON**

Core Playback Engine   
Template & Designer   
Ticker & Titling   
Trigger Media   
Real-Time Monitoring   
TV Tuner Hauppauge   
Analytics   
External Update   
Advertising   
Insane Performance Rendering (IPR)   
QL Manager Mobile   
Content Synchronization   
Dynamic Data Feed Scheduling (DDFS)   
Advanced Analytics   
Access Control

**16 SYSTEM INFORMATION**

Component	Status
Playback resolution Width	1920
Playback resolution Height	1080
Android Version	5.1.1
Build number	LMY48Y
GPU	rk3288_box
Kernel	armv7l; Linux; 3.10.0
Model Number	Navori QL Stix 3500
Processor	armv7l
Space Available Flash Card	9.02GB
Space Available Internal Memory	1.82GB
Last known IP	192.168.2.100
Mac Address	72:f1:6d:a2:c3:1b0:f1:ec
Media Player Serial	<input type="text"/> <b>18</b>

- 14. License information:** This section has only one editable field: **Serial Number**. The serial number is assigned by Videostar through its extranet. You can only use one serial number per playback device, however, serial numbers can be transferred from one device to another as long as the software is uninstalled from the original device.
- 15. License add-ons:** the list on the right shows all available add-on modules. Modules are activated through the Videostar Extranet. Each module selected in the list (checked-off) is installed and active. Unchecked boxes indicate add-ons that have not been purchased and activated. These boxes cannot be checked by the user. They simply indicate which features have been enabled.
- 16. System information:** This table reports on various technical specifications retrieved from the device VIDEOSTAR Player is running on. The information will vary depending on the type of hardware used, operating system, etc...
- 17. Reset the license:** This button is only to be clicked in the event you wish to transfer a license from one player to another. Once clicked, the license will become “discoverable” again by a new VIDEOSTAR Player and you will be able to activate the software on your new device using the same license number.

**Media Player Serial:** You can enter the media player hardware serial number in the last field. Simply click in the field and enter the alpha-numeric information for future reference. This step is optional.

## Managing and organizing Players

Users can manage and organize VIDEOSTAR Players by creating groups and sub-groups.

By default, players in a common group will share the same:

- Content
- Playlists
- Schedules

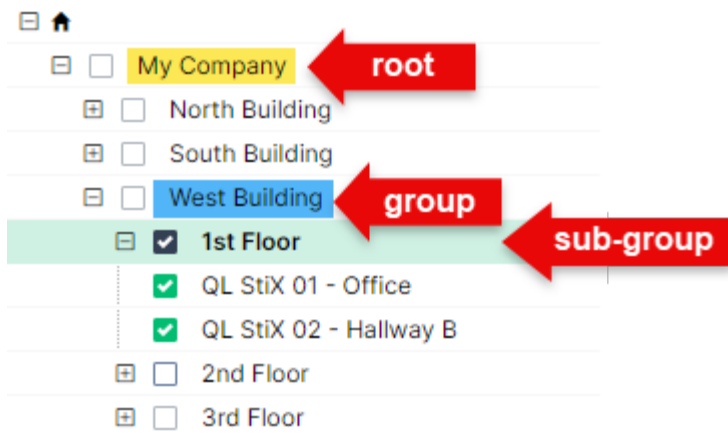
**NOTE: There are two exceptions to the statement above:**

1. When location specific content is assigned to one or more players and location specific content “flags” are inserted in their assigned playlist(s).
2. When meta tags are assigned to players and content. Content with tags that match the ones assigned to players can either play or be excluded depending on their settings.

## Group / sub-group levels

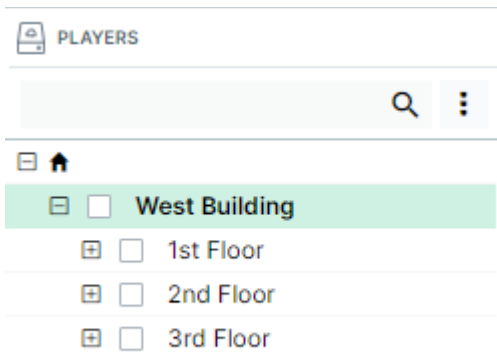
The top group of any network tree is the “root” level.

Content and playlists assigned to this level will be global, meaning they can be reused in any sub-group directly below.

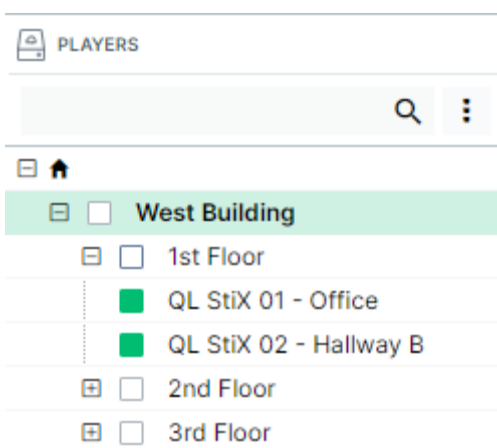


Each group below the root level can also host its own series of sub-groups (also known as sub-levels). Each sub-group can be assigned its own content and playlists (these are deemed to be local and specific to that unique sub-group). **This type of organization lets administrators restrict access to specific areas of the player network.**

In the example below, the user has been given access to the "West Building" group (including all the sub-groups for that building). They can't access any content in the other groups.



**NOTE:** Players **can only be** assigned to the lowest level in the network tree. In the example above, players must be assigned to the 1st Floor, 2nd Floor and 3rd Floor levels. Once these sub-groups were created under the upper group (West Building), it is no longer possible to assign players to that level. Players must now be assigned to groups or sub-groups that have no sub-levels under them.



If someone wanted to subdivide the 1st Floor level in two, they must move the players in that level to another group/sub-group. Once the players have been moved, they will be able to add new sub-groups under 1st Floor and move the players to each newly created sub-group. However, they will not be able to move players back to the 1st Floor level.

## Global vs. Local

Content and playlists stored at the lowest level are deemed to be **local** and can only be published to the players within the selected sub-group.

Content and playlists in the upper levels are deemed to be **global**, meaning they can be shared within multiple groups of players. When someone adds or deletes content in a global playlist, the change will be seen in any group or sub-group that uses this playlist. If a global template is edited, the change will be seen on every player that has been assigned that content.

There is no limit to the number of levels you can create, nor are there any limits to the number of players that can be assigned to any group or sub-group.

## VIDEOSTAR Network Structure and Conventions

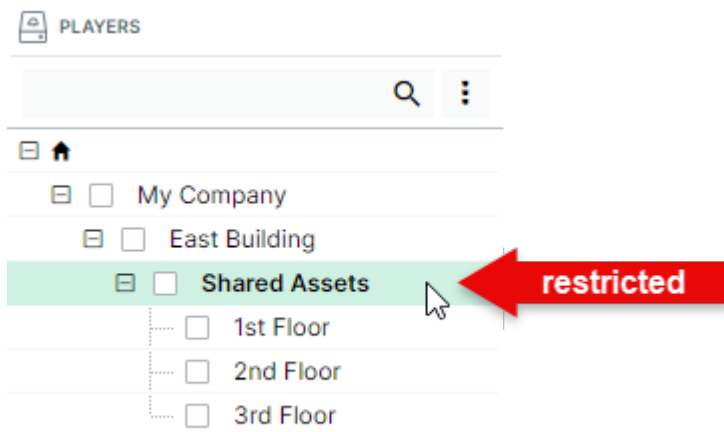
In the example below we can see a root level and two groups. Each group has a series of players assigned to it. The players within each sub-group can play the content and playlists within each level and any content or playlist stored at the root level above.

If a root level playlist is used in multiple sub-groups, it will automatically share any changes with each level where it's used. Changes done to local playlists will only affect its own sub-group.

### About Restricted Access Groups

**Restricted Access** Groups are a type of group/sub-groups that lets end-users access protected content that is meant to be duplicated and edited locally.

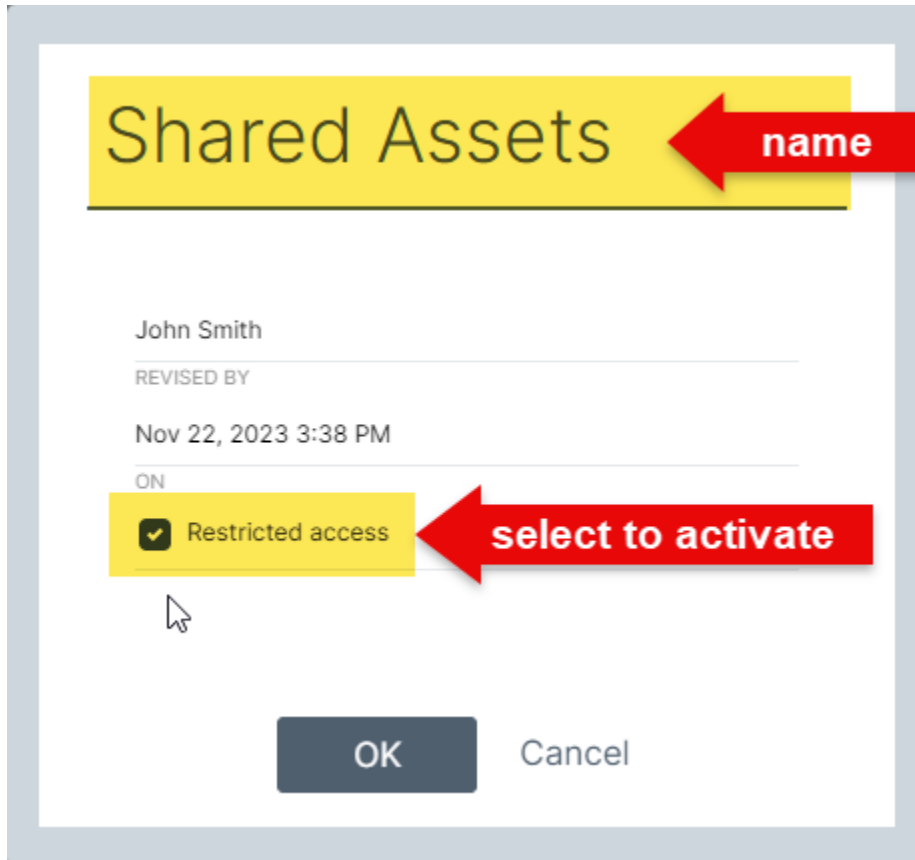
Templates and media content stored in restricted access groups cannot be edited. They can only be copied and pasted in non-protected sub-groups.



Here is an example of how restricted access groups work.

Let's say a Videostar VIDEOSTAR root level administrator wants to make a series of templates available to users and preserve the original versions.

They would start by creating a new group and select the option "**Restricted access**". Then they would name the group and click **OK** to confirm.



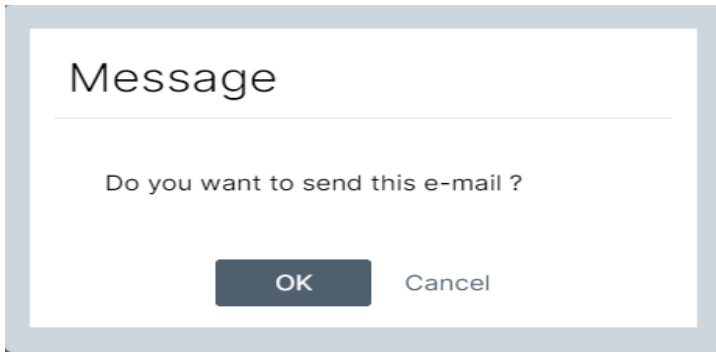
Next, the administrator moves their original templates into the new restricted group's content library, and begins creating unrestricted sub-groups below that level. He, or she then creates user accounts that are given access to the restricted access group as well as their own local unrestricted sub-group.

The user accounts must be assigned a profile that requires content approval, and the administrator must also remember to select the email address of the content manager who will receive content approval notifications to complete the process. This should be done for all users who will need their content approved.

From this point forward, these users will be able to access the restricted level above their own, and copy down templates and other media into their respective groups. They can't edit any of the content in the restricted access level. Only copies pasted in their local level can be modified, and once the changes have been saved, the content will become deactivated.

To get their changes approved by their manager, users will need to right-click on the content, and then select **Request approval**.

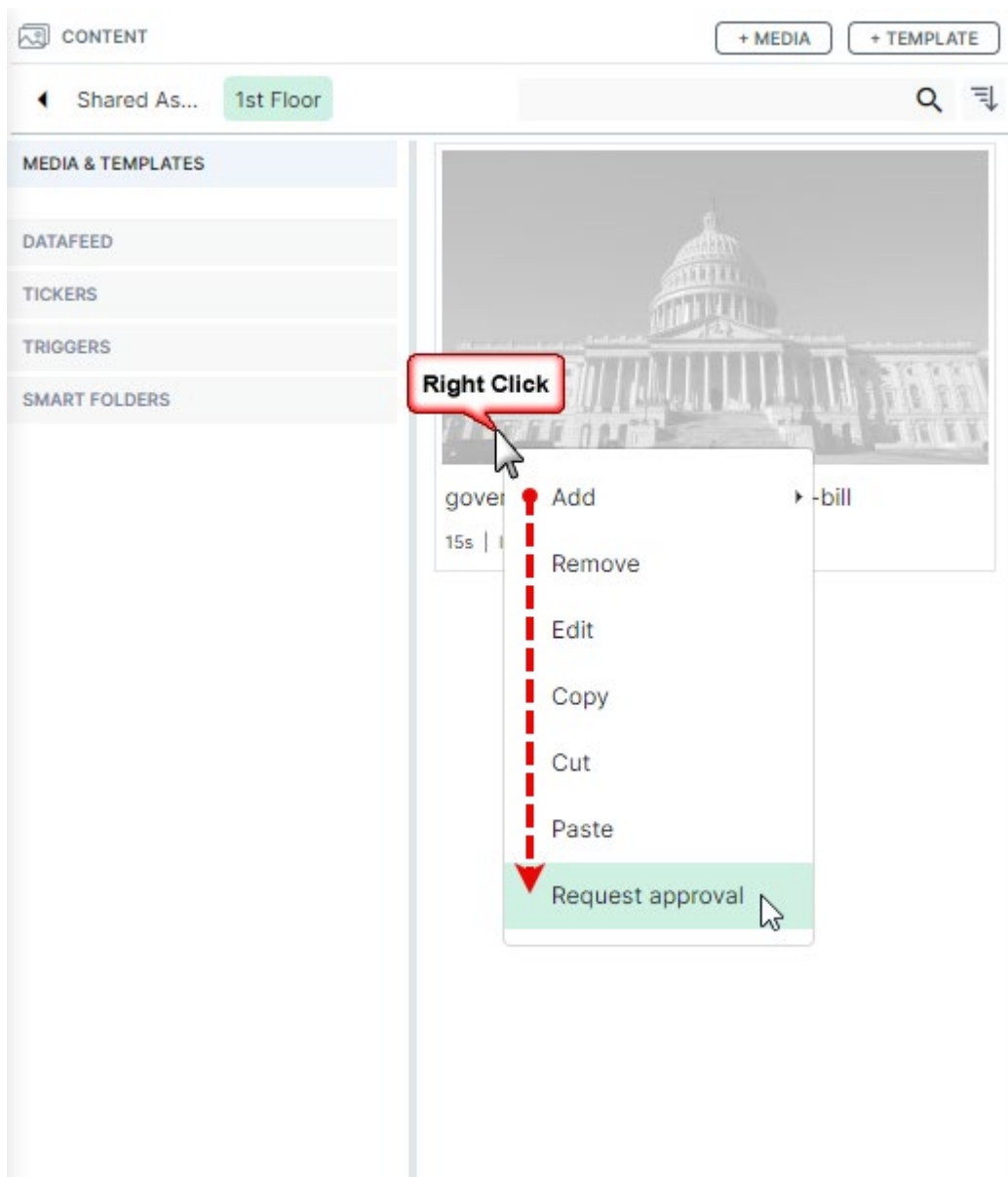
The following message will pop-up:



Once the user clicks OK, the software will send out the approval request to the manager.

## Disabled content behavior

It's important to note that disabled content can be added to a scheduled playlist, but it will not play.



The approval email will contain the following information:

- The name of the template that requires approval.
- The name of the group where the template is located.
- The name of the user who is requesting approval.
- The date and time at which the approval request was sent.

If the end user modifies the content after it has been approved, it will automatically be deactivate again and another approval request will have to be sent out.

### **Important**

When a user copies and pastes a template or other media from a restricted access group into their own unrestricted level, the content will remain active until it is modified. Basically, saving a modified template or content is what

deactivates it. Modifying a template's data feeds will not deactivate it but other changes will. For example, changing the duration of an image.

## Restricted access content management

Ownership of the restricted access group remains with the user who created the group. This user can add, remove or edit content in the protected group, as will anyone else who has access to the levels above. If the restricted access group was created by a root level user, no user assigned a level below the root will be able to add or delete content in the restricted access group.

This is especially important for owner/tenant situations where multiple tenant groups are managed by a single root level administrator. In these cases, the restricted access groups must be created and managed by each tenant. This can be the tenant's own group administrator or one of their users. If the tenant's group administrator creates the restricted access group, only he or she will be allowed to add, remove, or edit its content. In order for someone else to have ownership, they must be the group's creator.

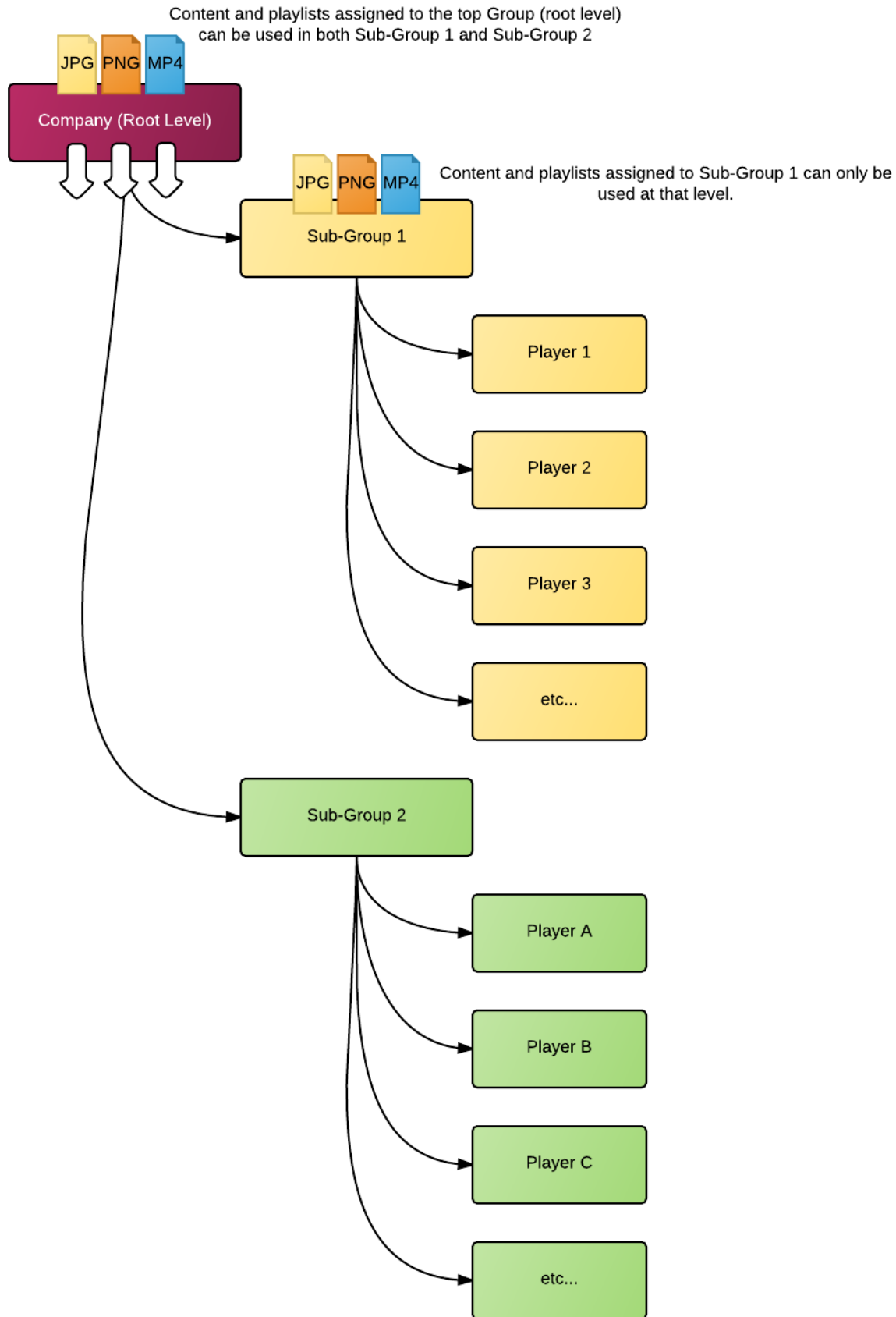
## The Content Library

### *Basic concepts*

Each level hosts its own content library. Content assigned to the topmost group (root level) is deemed to be "global", meaning this content can be made available to any sub-group below it. Content assigned to the lowest sub-group (this is the level where players are assigned) is considered "local", meaning this content can only be played in that specific sub-group. This content is not available to other groups unless you duplicate it. If your hierarchy many levels, the higher you upload your content, the more shareable it becomes.

Here is a simple two-level hierarchy. Content assigned to the top (root) level is shareable below. Content assigned to a sub-level can only be used locally.

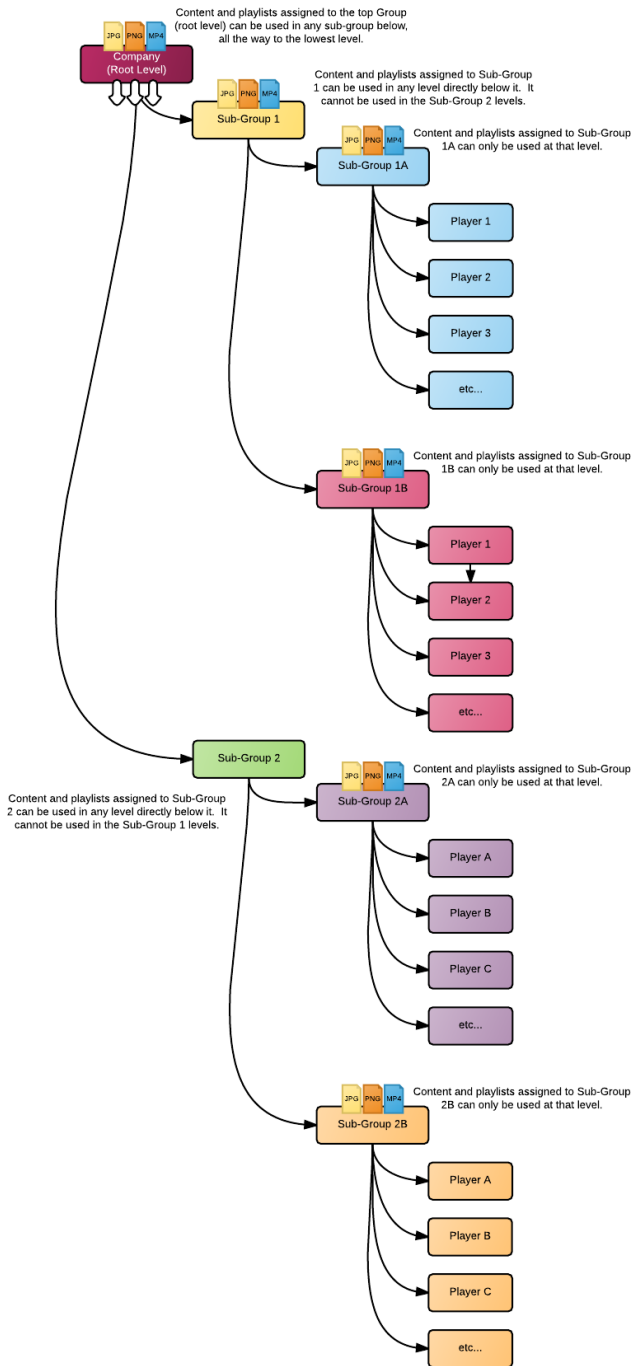




This also works in more complex networks where there are multiple levels.

In the example below, content assigned to the root level can be used anywhere. Content assigned one level below can be used in each respective lower levels. So, content assigned to an intermediate group, let's call it sub-group 1, can be used in sub-groups directly below it. However, this content cannot be used in a different "branch".

This applies to content, templates, tickers and playlists.

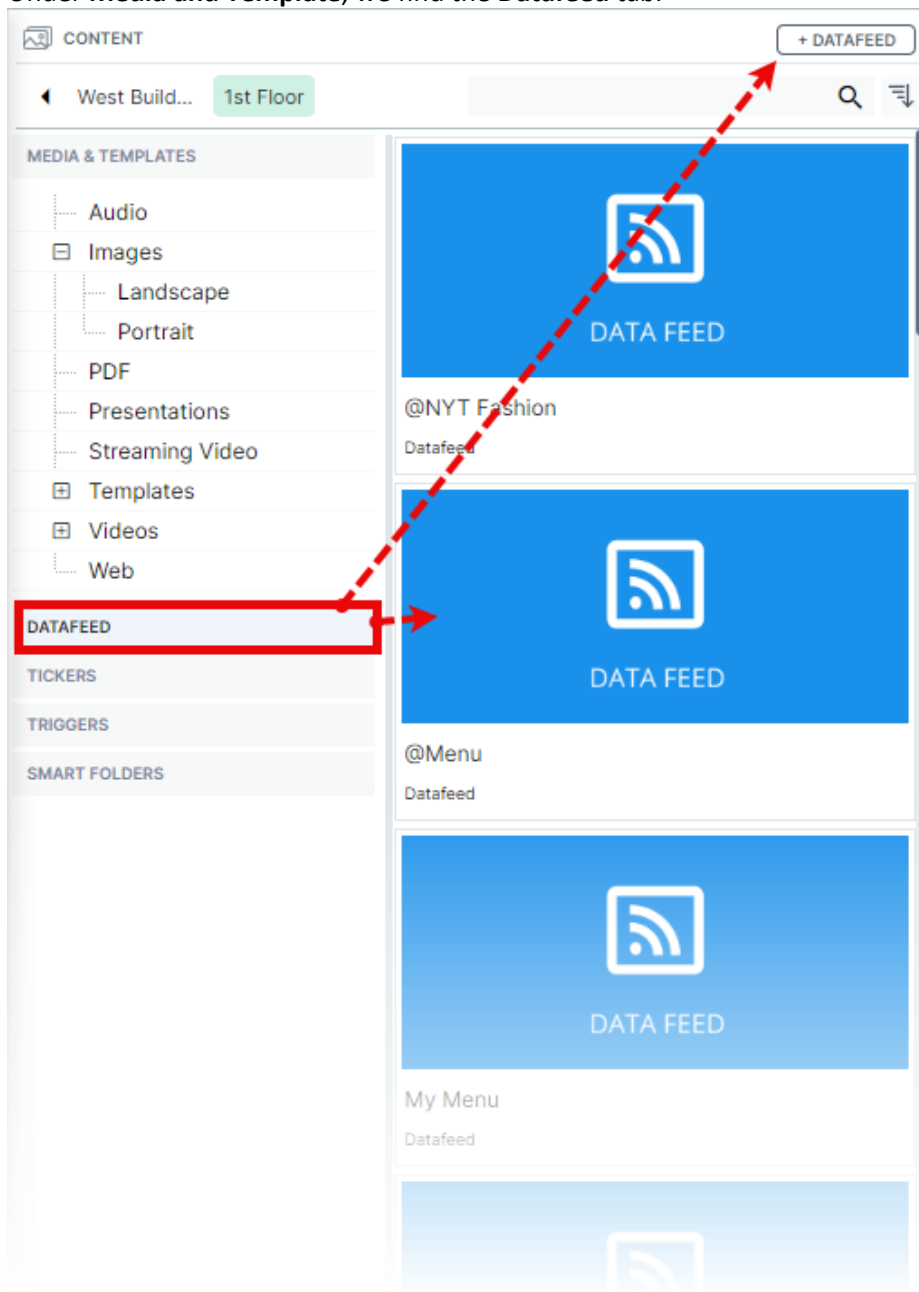


# The Content Library Window

Here are the main elements.

The screenshot displays the 'CONTENT' library interface. At the top, there are '+ MEDIA' and '+ TEMPLATE' buttons. Below them is a breadcrumb path 'West Build... 1st Floor' and search/filter icons. The left sidebar is divided into 'MEDIA & TEMPLATES' (with sub-categories like Audio, Images, Landscape, Portrait, PDF, Presentations, Streaming Video, Templates, Videos, Web) and 'DATAFEED', 'TICKERS', 'TRIGGERS', and 'SMART FOLDERS'. The main content area shows three promotional images from the FAA, each with a caption '2021-AOC-091\_Unruly\_be...' and '7s | Image'. Red callout numbers 1-9 point to various UI elements: 1 (breadcrumb), 2 (Portrait category), 3 (DATAFEED), 4 (TICKERS), 5 (TRIGGERS), 6 (SMART FOLDERS), 7 (+ MEDIA), 8 (+ TEMPLATE), and 9 (image thumbnail).

1. The “**breadcrumbs**” are used to navigate between levels. By default, clicking on a group in the Player window will reset the other windows to the same level (content, playlist, scheduling grid). To move up the hierarchy, click on the name of the level in the breadcrumbs. If you are working in a very complex structure where there are many levels, you may need to click on the arrows at both end of the breadcrumbs to navigate up and down the levels. The Highlighted level is the currently selected one.
2. The left pane under the breadcrumbs is where you will find your **Media and Template** tab. When you start there will only be a single folder. This folder is called: **MEDIA & TEMPLATES**. Consider it the root level of the group's content library. You can drop all your content in this folder or subdivide it by creating one or more folders. Note that folders can contain other folders as well.
3. Under **Media and Template**, we find the **Datafeed** tab.



When DATAFEED is selected, the view in the right pane will change to show all your datafeeds. Also

the **+DATAFEED** button will appear at the top of the window.

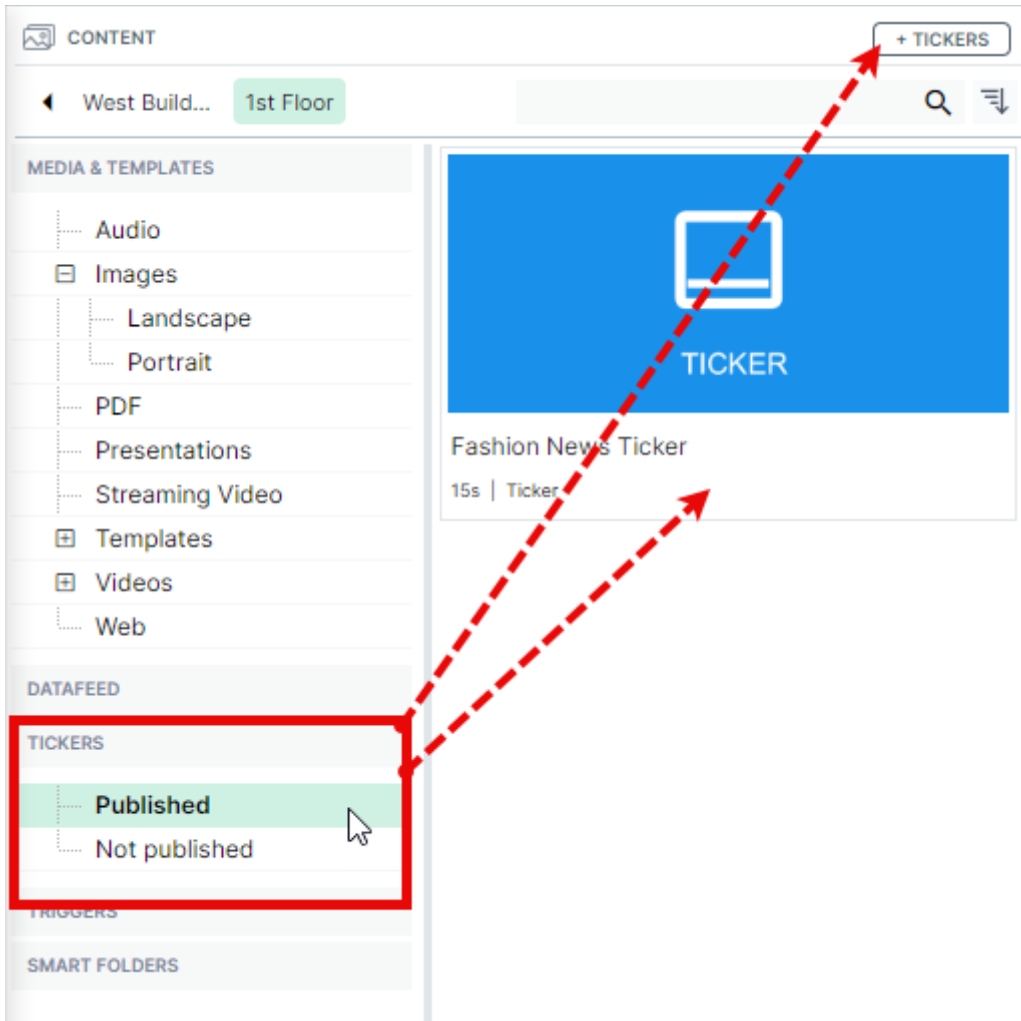
To edit an existing datafeed, simply click the **Edit Properties** icon when you hover on the lower right corner of the feed's thumbnail.



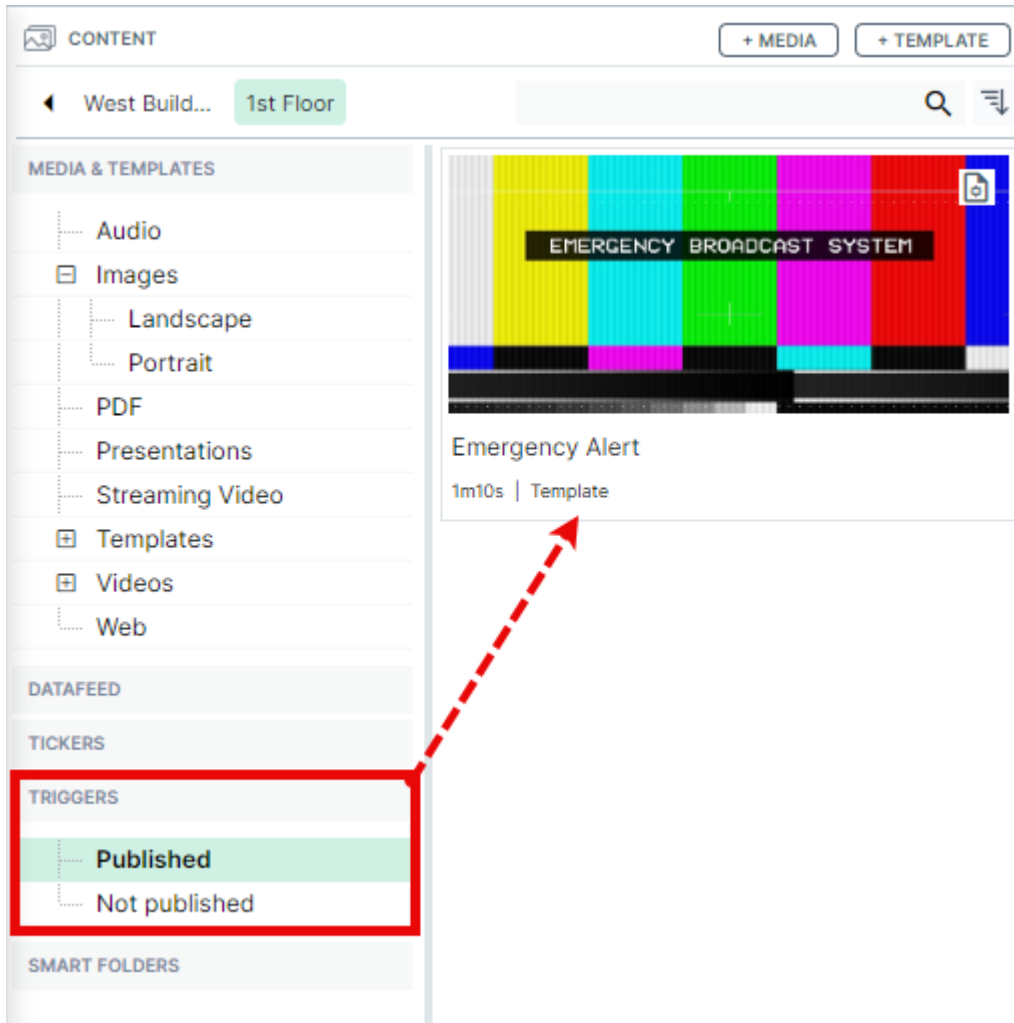
To create a new datafeed, click the **+DATAFEED** button.

4. The **Tickers** section features two sub-folders: **Published** and **Not Published**. These folders are used to store any ticker you create.

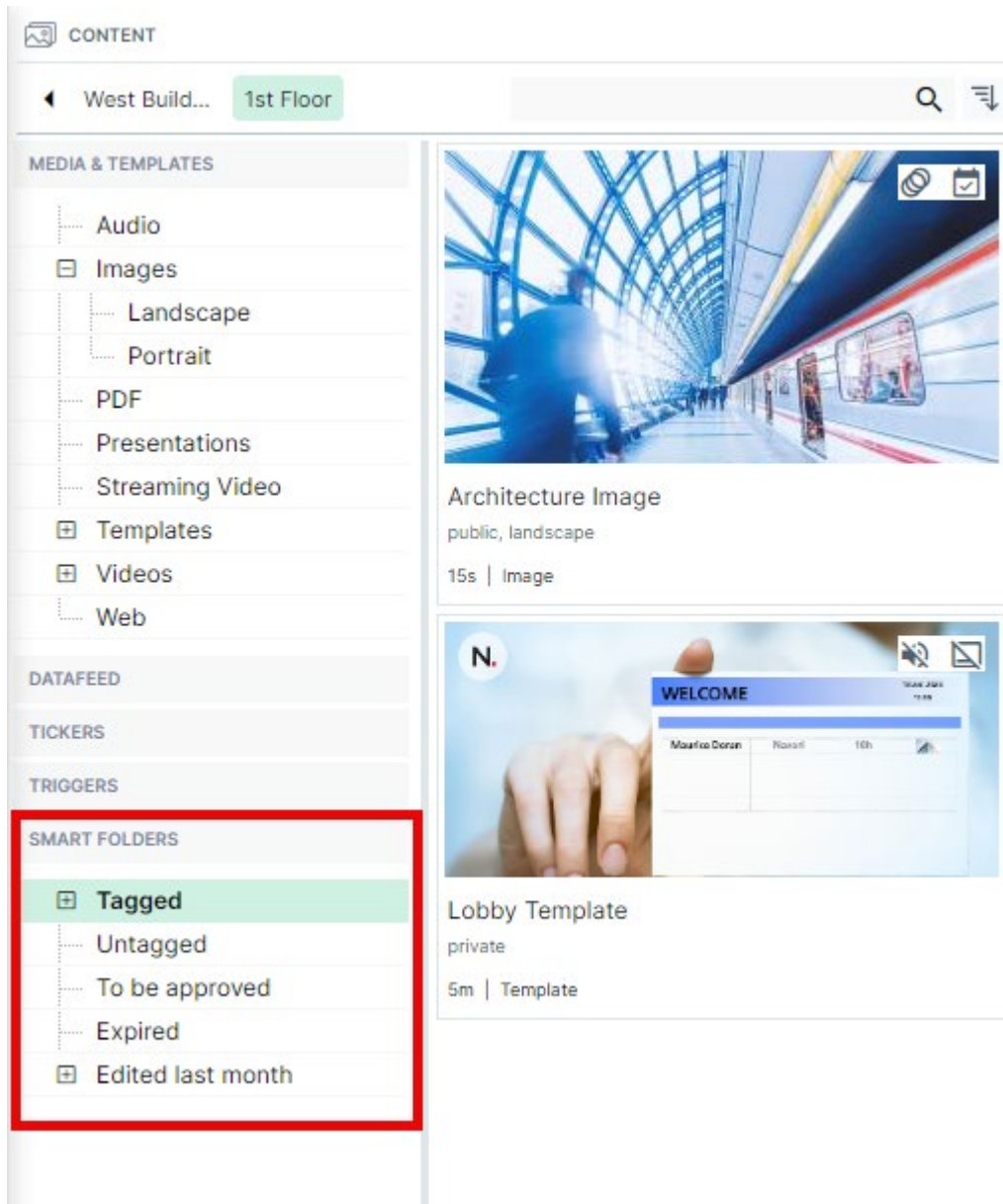
When Tickers is selected, , the view in the right pane will change to show all your tickers in the selected folder. Also the **+TICKERS** button will appear at the top of the window.



5. The **Triggers** section features two sub-folders: **Published** and **Not Published**. These folders are used to store any content you wish to trigger. Refer to Rule Based Triggering for more information.



6. The section below is called **Smart Folders**. These folders are created by default.



They help you quickly access your content by filtering them based on 5 criteria:

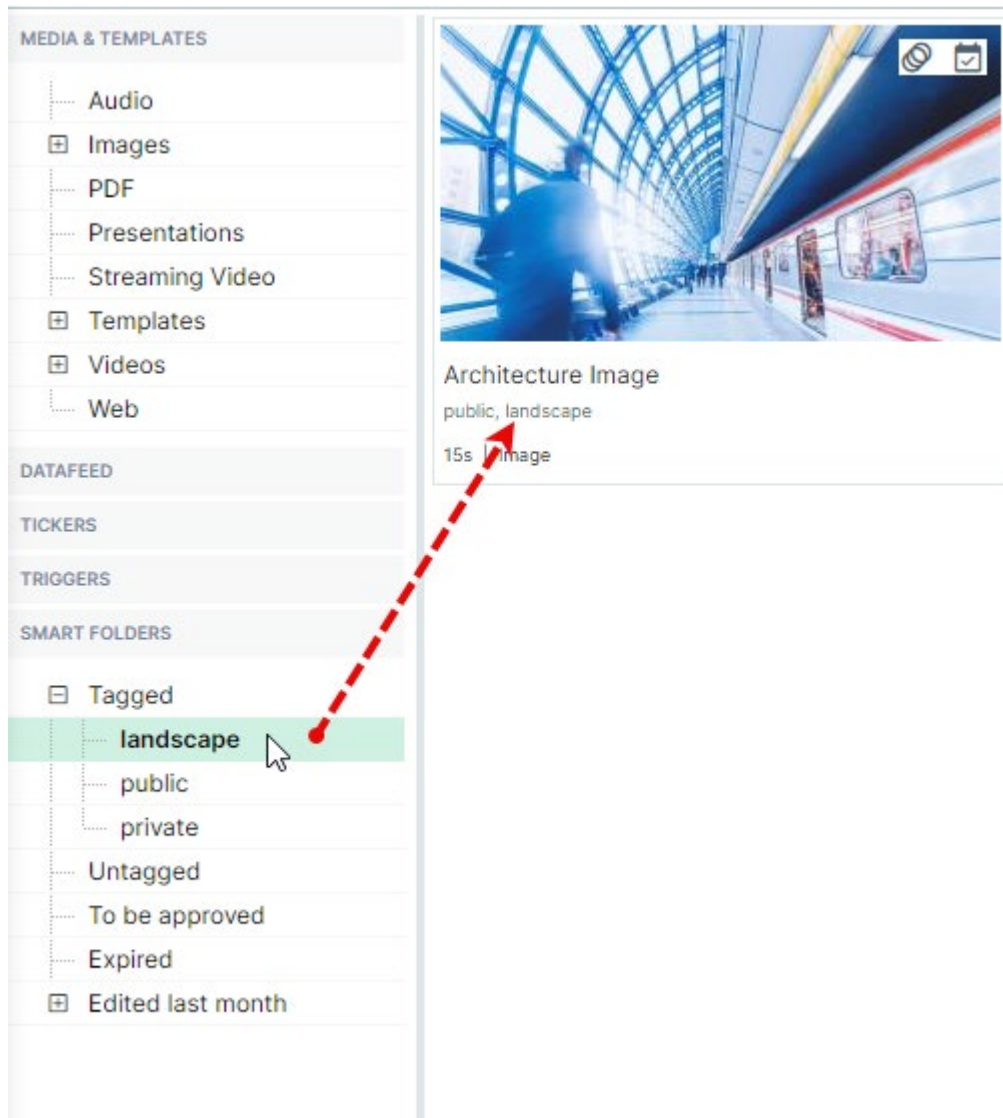
1. **Tagged:** Each tag you create becomes a sub-folder where you can see the matching content.
2. **Untagged:** You will find all untagged content in this folder.
3. **To be approved:** This is for users who deploy content that requires approval before it can be published. Content waiting for approval will appear in this folder.
4. **Expired:** All expired content will appear in this folder (see Content Validity for more information).
5. **Edited last month:** Any content that has had its properties modified within the last month will appear in this folder. Subfolders will automatically be created for each user who has made changes to any content in the library. Click on each folder to see the content that



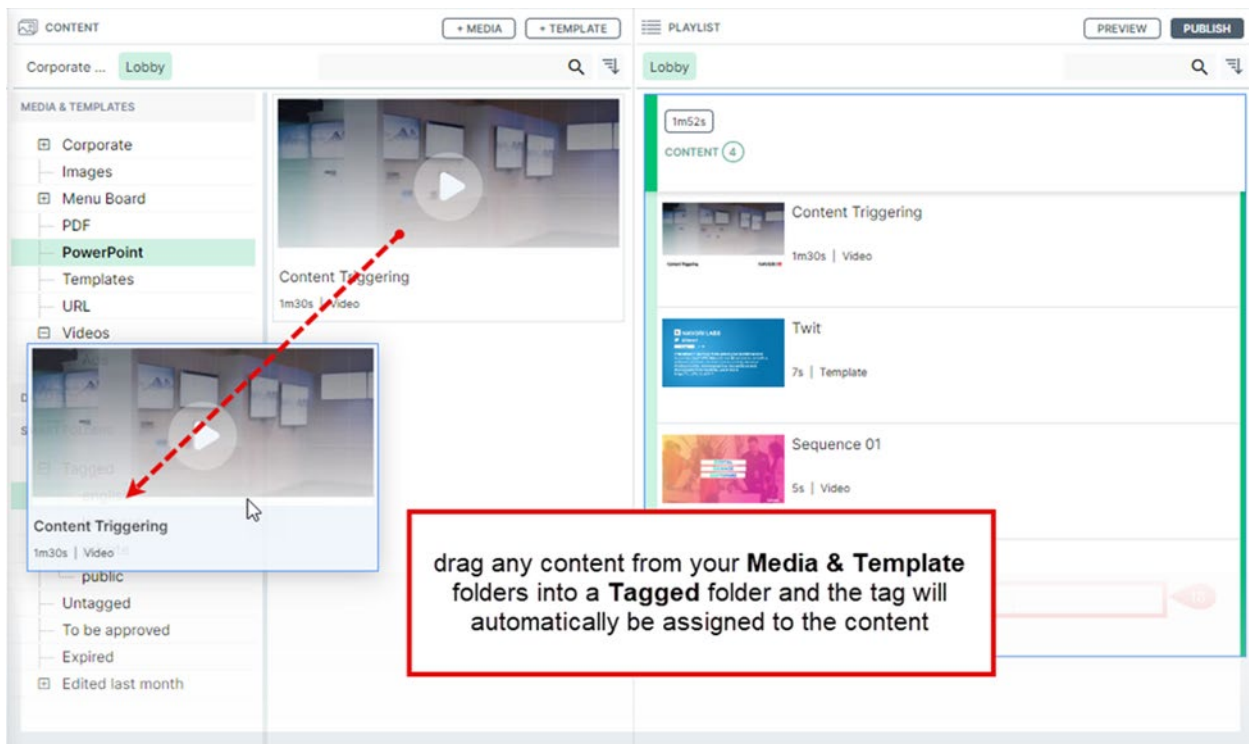
was modified. Changing an image's duration, trimming a video's length or performing other changes to the content properties will make the content appear in these folders.

## Tagged smart folder behavior

In the example below, the sub-folders under "Tagged" show content with each respective tag. The image in our example has "public" and "landscape" tags assigned so it will appear in each corresponding folder. Each time you create a new tag, you will see a corresponding sub-folder appear under **Smart Folders / Tagged**. Removing a tag will automatically remove the corresponding sub-folder under **Tagged**. Note the content doesn't go away until you delete it. These folders are only used for filtering the content in the library.



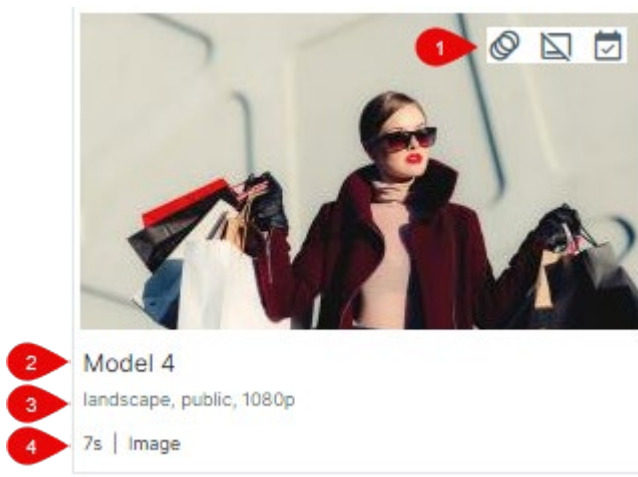
**USEFUL TIP:** You can toggle **Smart Folders** and **Media & Templates folders** opened or closed. This makes it easy to drag and drop content between folders. You can also use this technique for quickly tagging content. For example, dragging content from any upper folder in the library into a tagged smart folder will automatically assign the tag to the content.



7. Use the **+MEDIA** button select the content you wish to add to the library.
8. Use the **+TEMPLATE** button to open the **Template Designer**.
9. The content library thumbnail list shows all the media in the currently selected library folder.

Additional information about the content is presented with each thumbnail.

Here is a list of all the information that you will find:

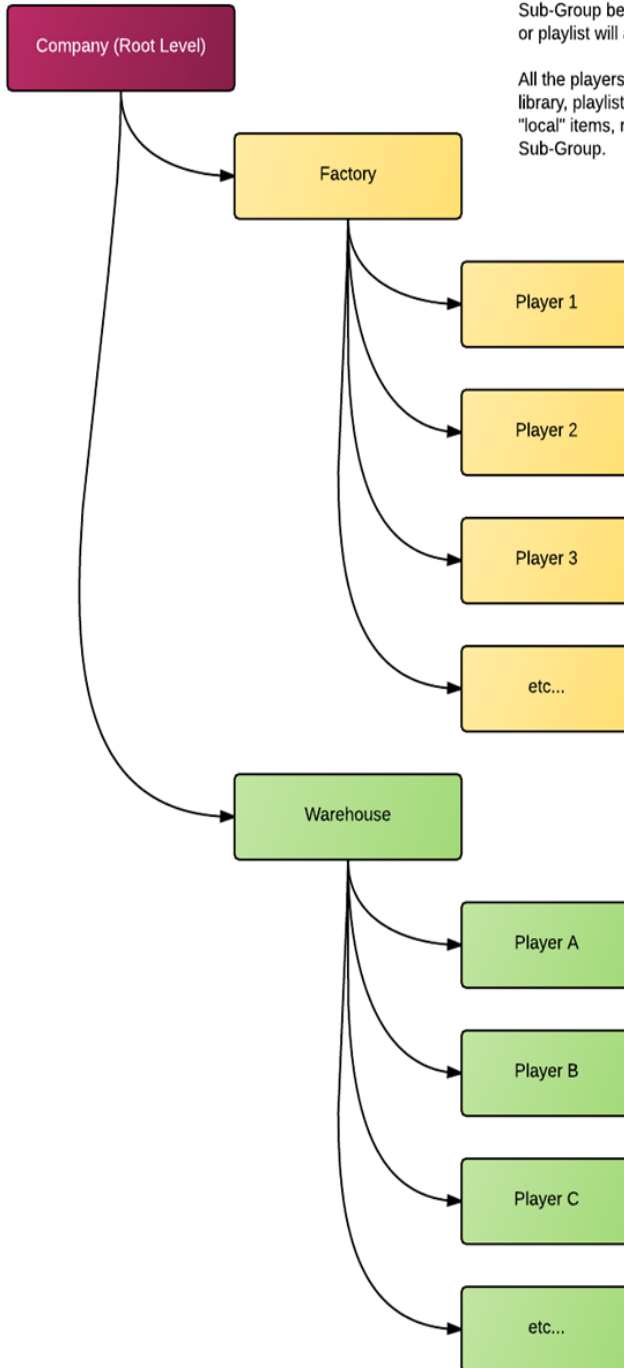


1. **Symbols:** Transition assigned, audio muted, ticker suppressed, content validity status, conditional playback rule
2. Content **Name**
3. List of **Tags** assigned to the content
4. Content **Duration** and **Type**

Simple organization with one Group containing two Sub-Groups.

Any content, template or playlist stored at the Group level is considered to be "Global". It can be shared with any Sub-Group below. Changes to any global media, template or playlist will affect all Sub-Groups that use these items.

All the players within a Sub-Group share the same content library, playlist and programming. These are considered "local" items, meaning they are exclusive to each Sub-Group.



It is customary to create a grouping structure that will reflect the player's use. You can organize your player network by location, by department or in any other way that reflects your intended use.

For example, a multinational company with branch offices in different regions may decide to organize their players by country, territory or state, city, facility name, etc. A different organization could create groups based on the local language or other relevant criteria. To save time, try to define your network layout before moving players into their final location.

If you make a mistake or change your mind later on, you can always modify or even delete any group or sub-group. Authorized users can also rename groups, move players between groups and rename any player.

## Web Page authentication support

VIDEOSTAR Player lets you access and display secure web content (HTTP / HTTPS) that requires user authentication.

You can access and display a range of web content, such as corporate dashboards / Microsoft Power BI, or any internet source that requires single or two step user authentication.

**Please note:** The playback of Microsoft Power BI content is only supported on **Microsoft Windows** PCs and **Android** media player hardware.

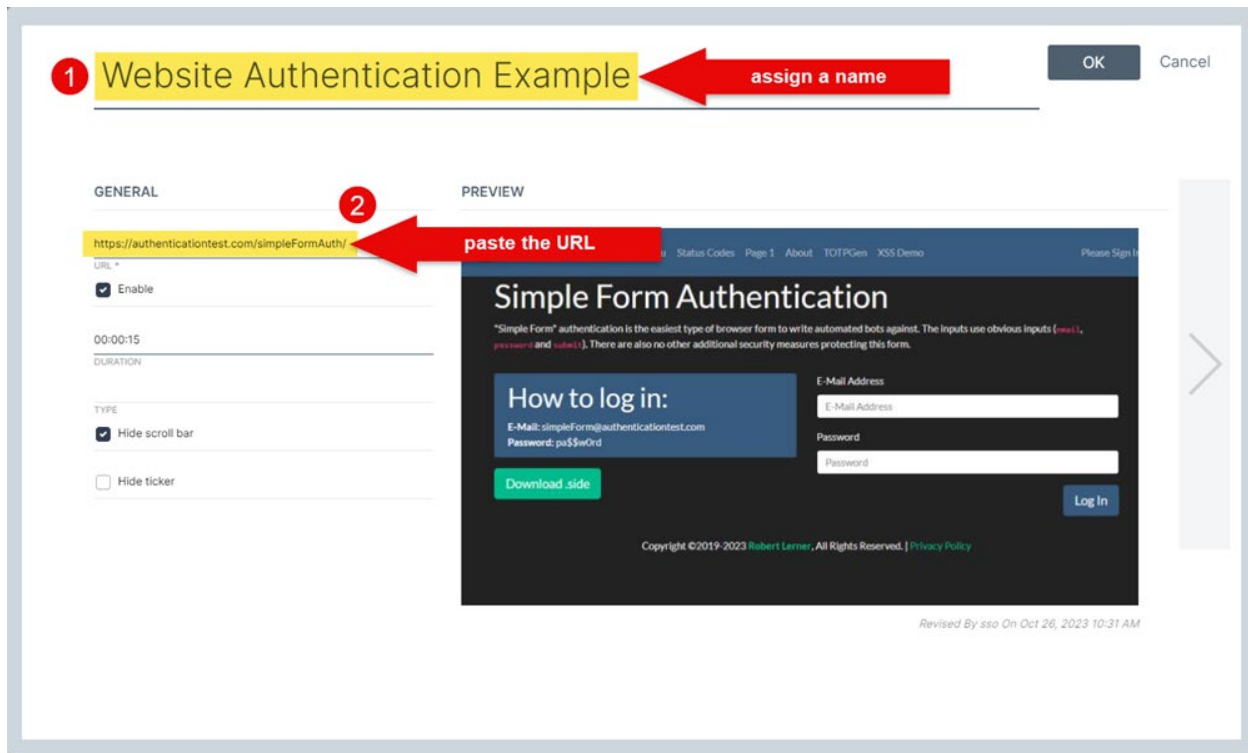
The process is simple.

First, create a new URL content in **VIDEOSTAR Content Manager**.

In this example we will use the following URL: **<https://authenticationtest.com/simpleFormAuth/>**

Proceed like you would for any regular web page/URL/HTML content.

- Right-click in the content library window and select **Add > URL**.
- Give the new URL a descriptive name and then paste it in the http field.



Next, click the right-arrow until you reach the 4th screen. This is where you will find the **Authentication** settings.

1. Click the **Refresh** button to bring up all available actions for the selected URL.
2. You can delete any unwanted action by clicking the corresponding "X" in the right column.
3. Make sure the order matches the web page authentication scheme. You can re-order the actions by dragging and dropping them in the table. Type the information in each field as required.

### Website Authentication Example

15s

OK Cancel

click here to begin

delete any entry that is not required for login

fill in the credentials

1 Refresh

2

3

Name	Value		
navbar-toggler		+	X
email	simpleForm@authentic.	+	X
password	.....	+	X
btn btn-lg btn-primary ...	Submit	+	X

\*Note: leave space between keywords

If necessary, you can duplicate any action by clicking the corresponding "+" in the column left of "X".

### Website Authentication Example

15s

OK Cancel

click "+" to duplicate action

Name	Value		
email		+	X
password	.....	+	X
btn btn-lg btn-primary ...	Log In	+	X
email	simpleForm@authentic.	+	X

\*Note: leave space between keywords

In the example above, the URL calls up a web page that has two fields (Email/Password) and a button to submit the results. The credentials must be sent in the correct order so always check before moving to the next step. If necessary, drag and drop the fields until they appear in the right order. Delete any field or button that isn't required.

Fill in your credentials by clicking in each field in the **Value** column. If you see any checkboxes that need to be selected, make sure you do so in the **Value** field.

Actions supported by the Web Authentication feature are:

- Field (enter a text value)
- Mouse click action (select from drop box)
- Button action (idle)

## Working with Static and Dynamic URL content

Users can add static or dynamic URL media to the **Content Library**.

URLs are classified into two types. Static or dynamic.

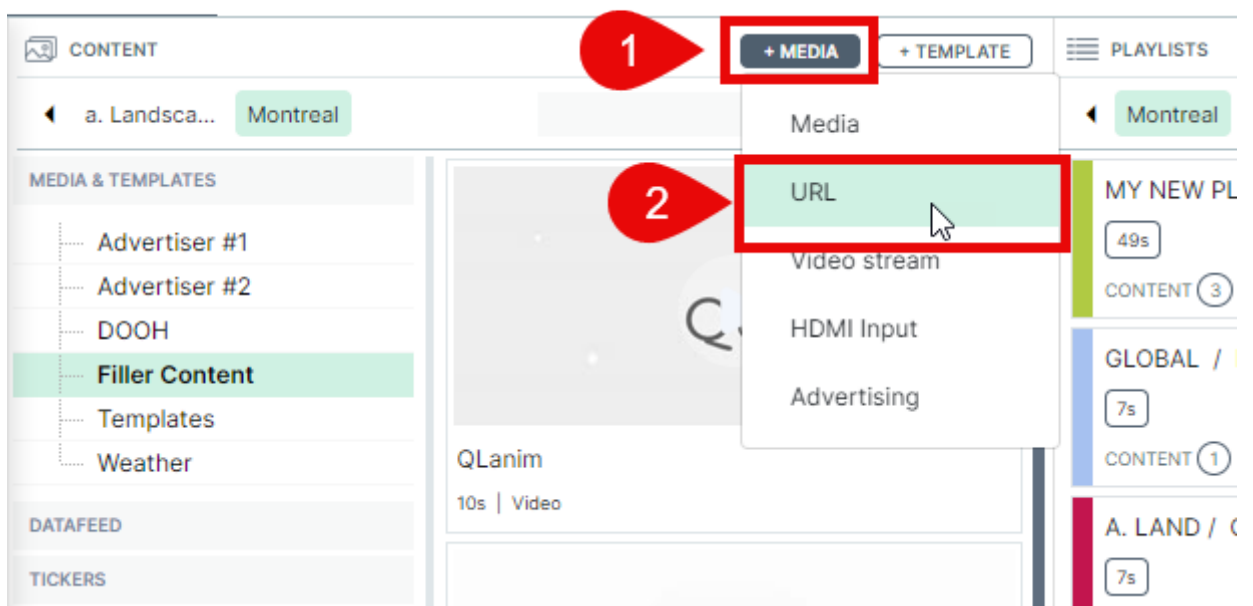
With a **static URL**, the content of the web page remains the same as long as no one edits the underlying HTML. The page generally shows the same content every time a web browser requests it.

A **dynamic URL** is the result of a search within a database driven website running on some script or program. The web page is assembled each time someone makes a request so the content changes each time the page is requested.

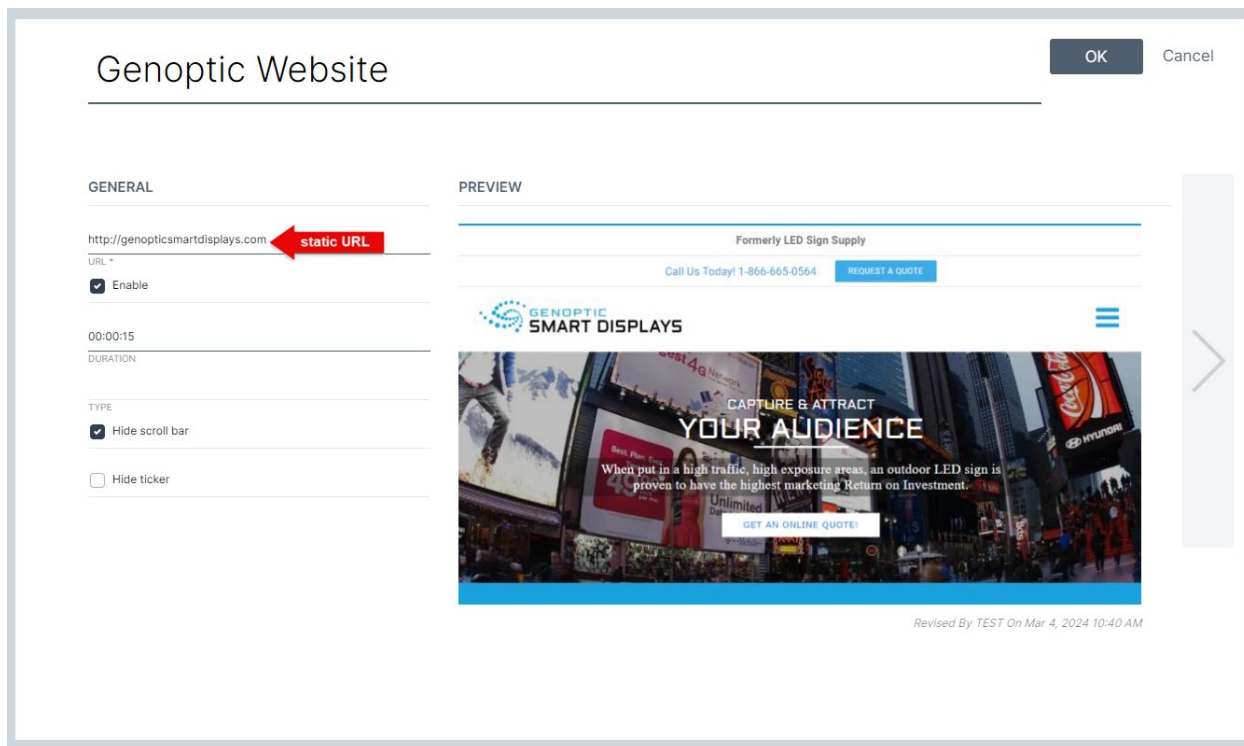
## Creating a new URL media in the Content Library

You add a new URL media as follows:

1. Click **+MEDIA**
2. Select **URL**



3. Copy/paste or type in the URL in the required field. Assign a descriptive name to the content. Click **OK** to save.



## Using Dynamic URLs in Content Manager

In VIDEOSTAR Content Manager, dynamic URLs work the same as dynamic data feeds.

Here is an example of a dynamic URL.

<http://www.domain.com/category/article.php?language=en>

If we enter this URL in a web browser, the web page will be in english based on the "language=en" entry. In this scenario, we would see different pages based on the language option at the end of the URL. For example we could use "fr" for French, "en" for English, "de" for German, etc...

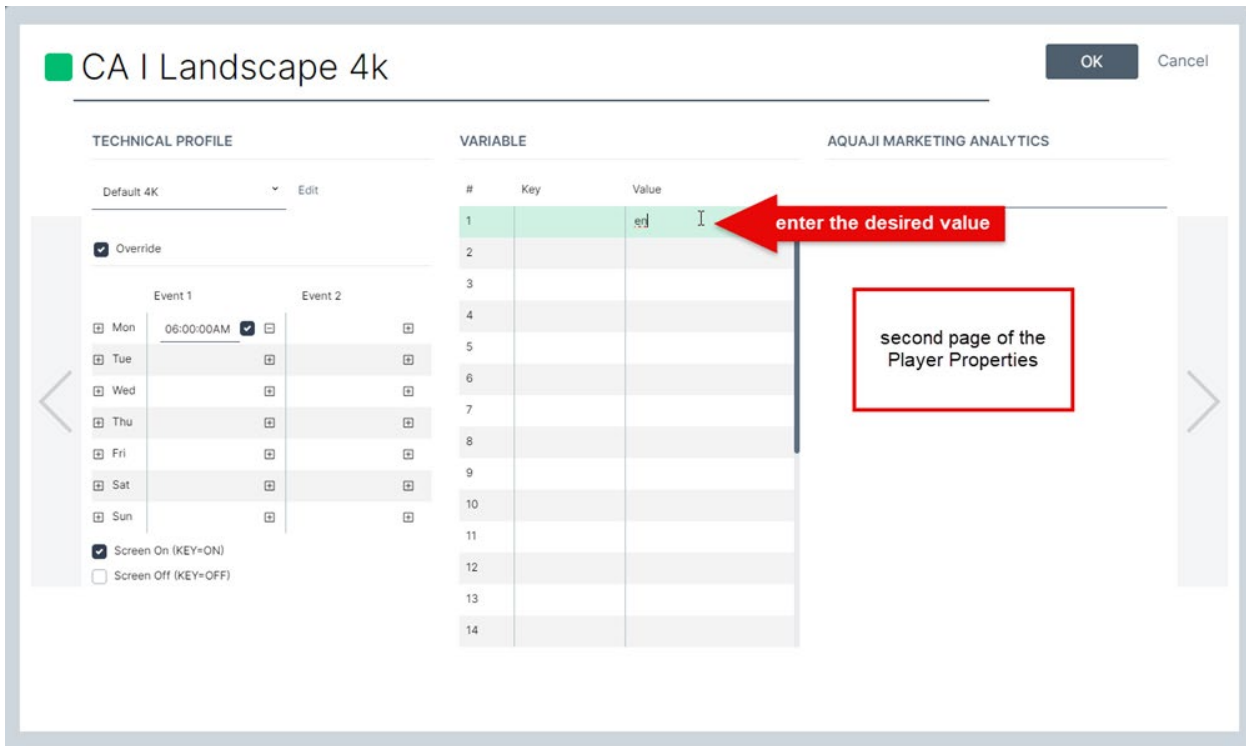
VIDEOSTAR lets you use variables so you can display different content on your players based on the URL. Here's how it works.

Returning to our example above, we replace the URL language option with a variable. Let's call it [1].

[http://www.domain.com/category/article.php?language=\[1\]](http://www.domain.com/category/article.php?language=[1])

To ensure the English URL is shown on a Player, we must assign the "en" value to the **Variable** table in its **Player Properties** window (on the 2nd page). If we were to assign a different value, let's say "fr", the player would display the French content instead.

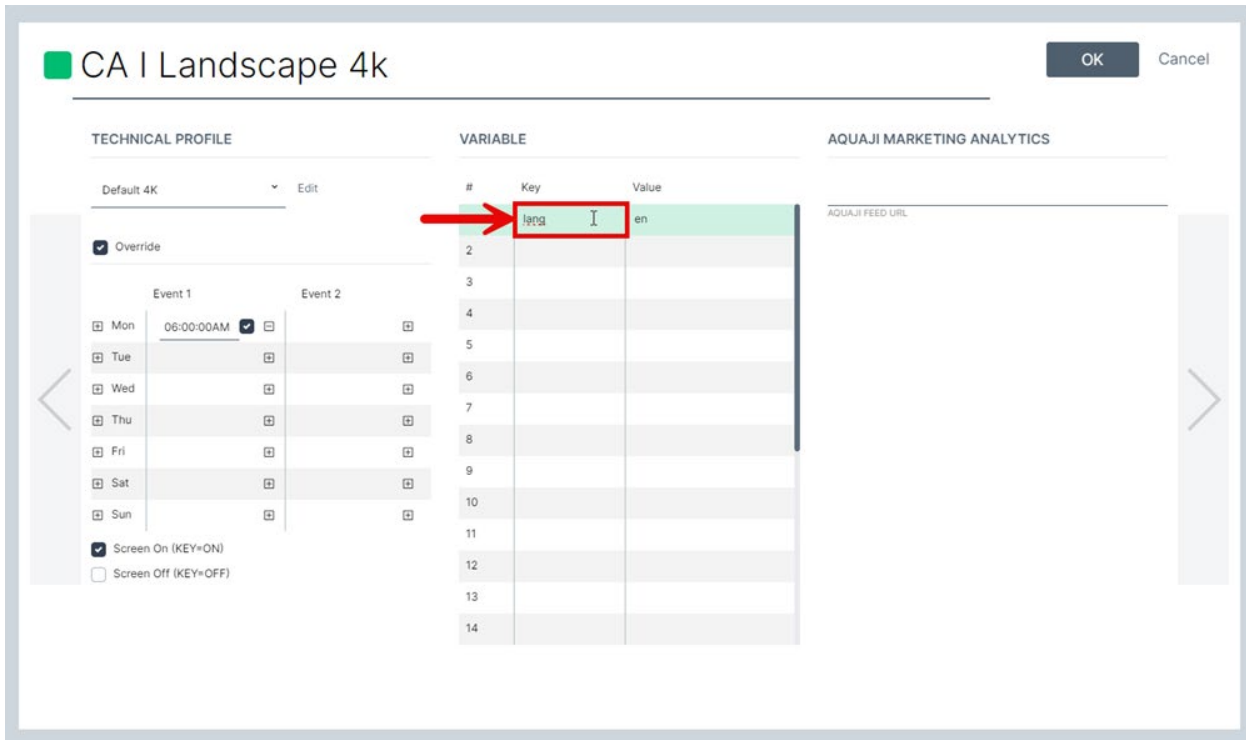




Using this technique, we could define a single HTML media and assign it to a playlist scheduled for a group of players. Each player will then display the proper content based on the variable's value, assuming that we have multiple versions that we can call up via the dynamic URL.

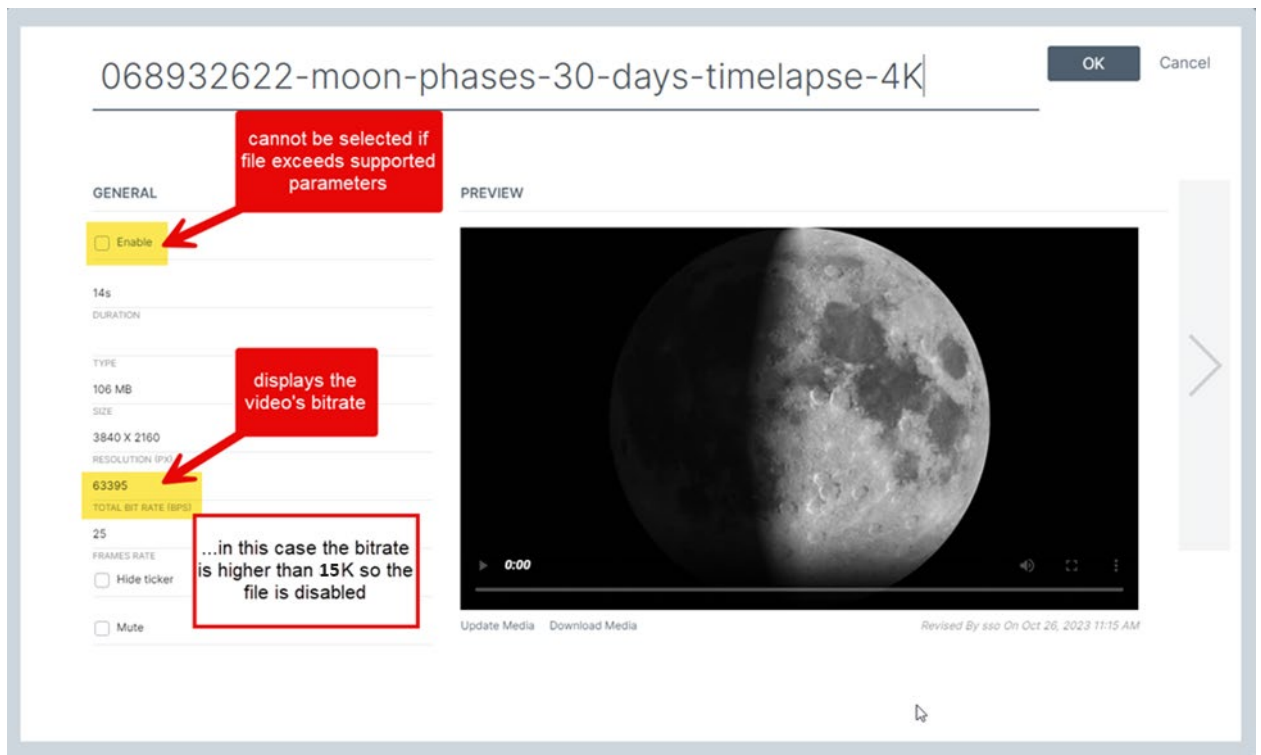
The variable can be a number as in our example above, or you can enter a Key in the appropriate column. In this instance, you would need to use the same key in the dynamic URL.

[http://www.domain.com/category/article.php?language=\[lang\]](http://www.domain.com/category/article.php?language=[lang])



## Additional Video Specifications

- Videos that exceed Videostar VIDEOSTAR's video specifications will be automatically disabled. These videos will appear with a greyed-out thumbnail in the Content Library and attempts to enable the content by selecting the "Enabled" check-box in the content property window will fail. This content cannot be shown on your screens. You must delete the file and upload a new version that meets the software's requirements.



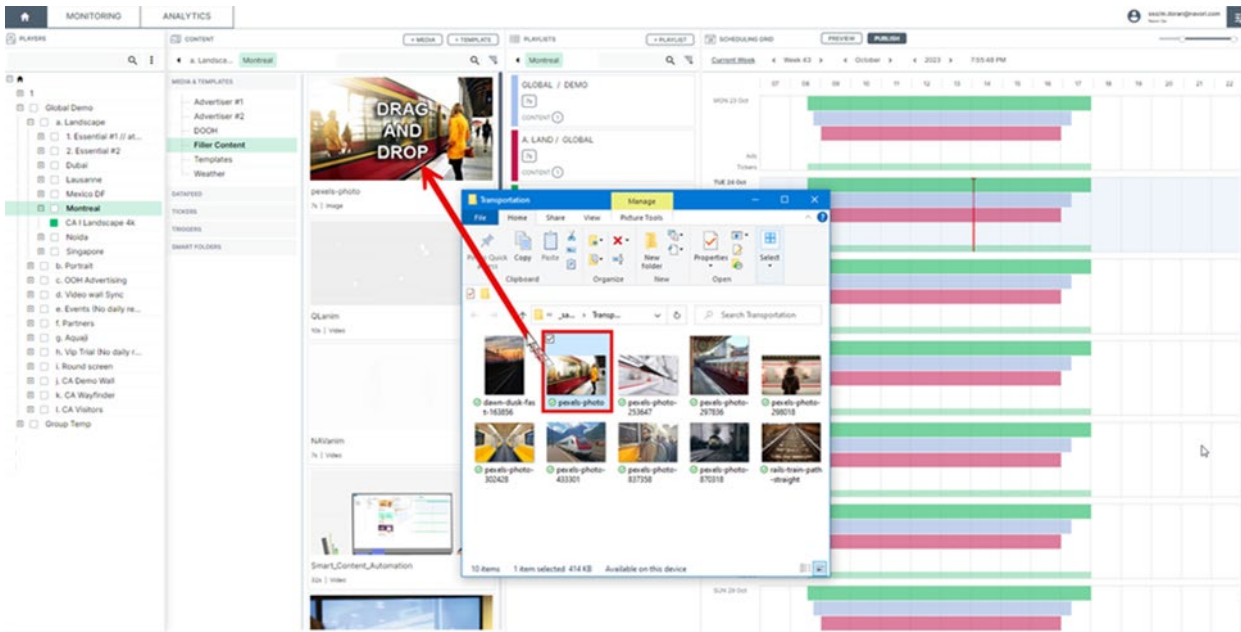
- The **maximum video bitrate** supported for Videostar VIDEOSTAR SaaS users is **15,000 mbps**. While this is the maximum supported rate, for best performance and compatibility we recommend content be around 5,000 - 10,000 mbps.

## Adding content to the Library

There are 3 ways to upload new media to the **Content Library**.

### Option 1 - Drag and drop from Windows File Explorer

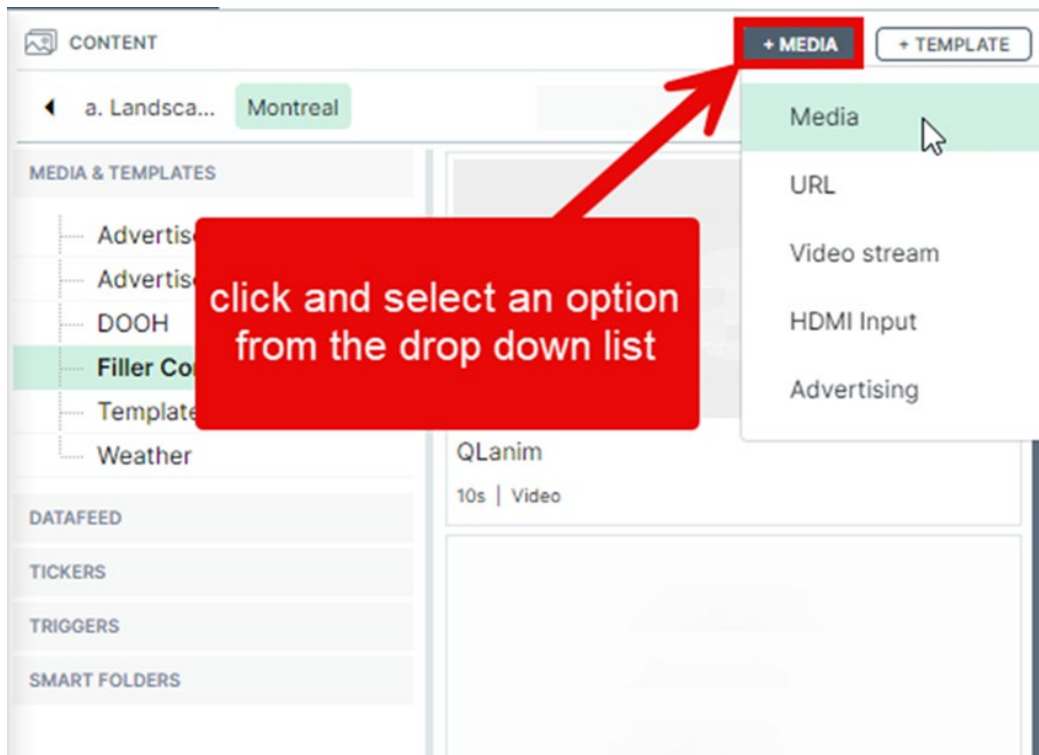
- Open Windows file explorer and locate the content you wish to upload.
- You may select individual files, use **Ctrl+click** to select multiple files or use **Ctrl+A** to select all the files in the folder.
- Drag and drop your file(s) into the Content Library. When multiple files have been selected, you will see the number of files as you drag them over.



## Option 2 - Adding content via the +MEDIA button

- Click the **+MEDIA** button at the top of the **Content Library** window.
- Select the type of content you want to add:
  - **Media:** Select a compatible media file (audio file, image, video, PowerPoint, PDF, zip archive\* (HTML, HTML5)).
  - **URL:** Specify a web page URL (HTML, HTML5).
  - **Template:** Opens the Template Designer.
  - **Video Stream:** Specify a video stream URL.
  - **HDMI Input** (for TV tuners).

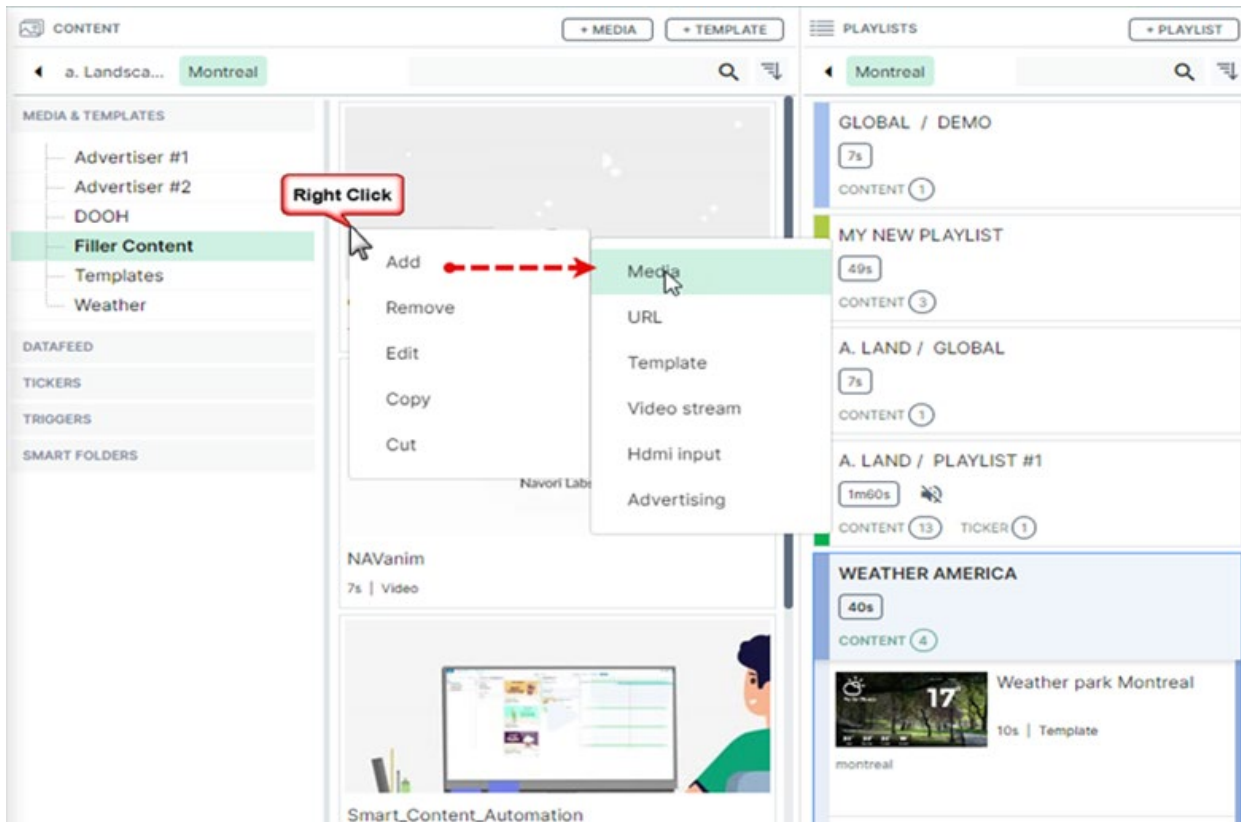
**\*Note about compressed HTML files:** VIDEOSTAR lets users send web pages (including all required assets such as images, xml, etc) to each player so the data is stored locally. HTML and HTML5 are both supported. Storing this data locally means the content will continue to play even if the player loses its connection to the internet. To use this feature, compress (zip) all of the files required to display the web page and then upload the zip file as media. VIDEOSTAR server will unzip the contents and send the files to each player when required.



### Option 3 - Adding content via the pop-up menu

- Right-click in the **Content Library** window.
- Select the type of content you want to add:
  - **Media:** Select a compatible media file (audio file, image, video, PowerPoint, PDF, zip archive\* (HTML, HTML5)).
  - **URL:** Specify a web page URL (HTML, HTML5).
  - **Template:** Opens the Template Designer.
  - **Video Stream:** Specify a video stream URL.
  - **HDMI Input** (for TV tuners).

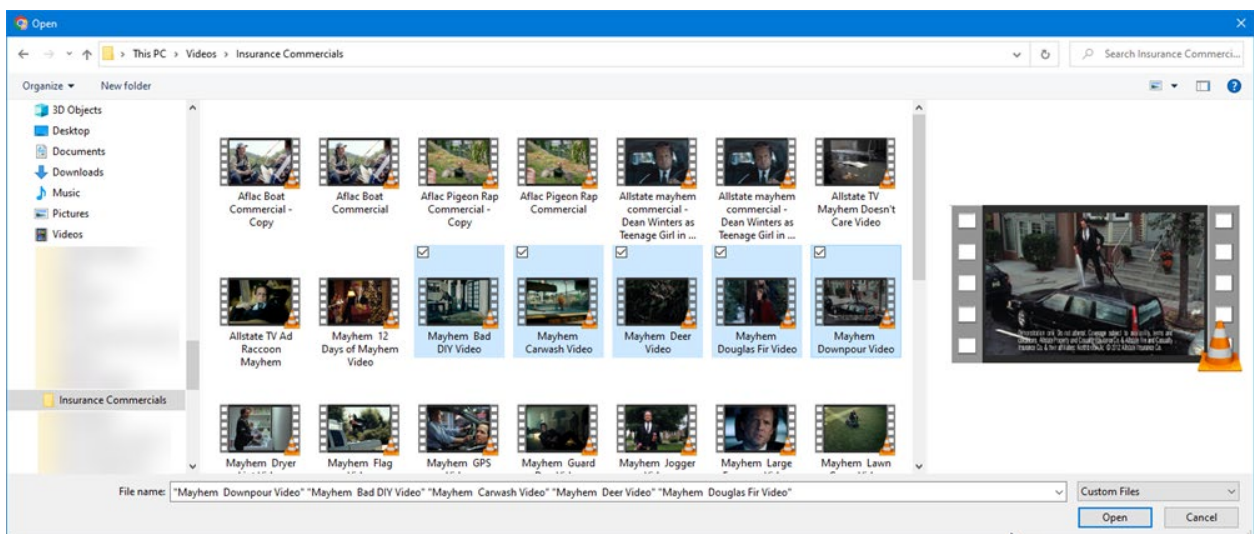
**\*Note about compressed HTML files:** VIDEOSTAR lets users send web pages (including all required assets such as images, xml, etc) to each player so the data is stored locally. HTML and HTML5 are both supported. Storing this data locally means the content will continue to play even if the player loses its connection to the internet. To use this feature, compress (zip) all of the files required to display the web page and then upload the zip file as media. VIDEOSTAR server will unzip the contents and send the files to each player when required.



Selecting **Add > Media** will bring up the Windows File Explorer where you can make your selection.

Click individual files to upload a single item.

- Use **Ctrl+click** to select multiple files to upload.
- Use **Ctrl+A** to select and upload all the files in the folder.

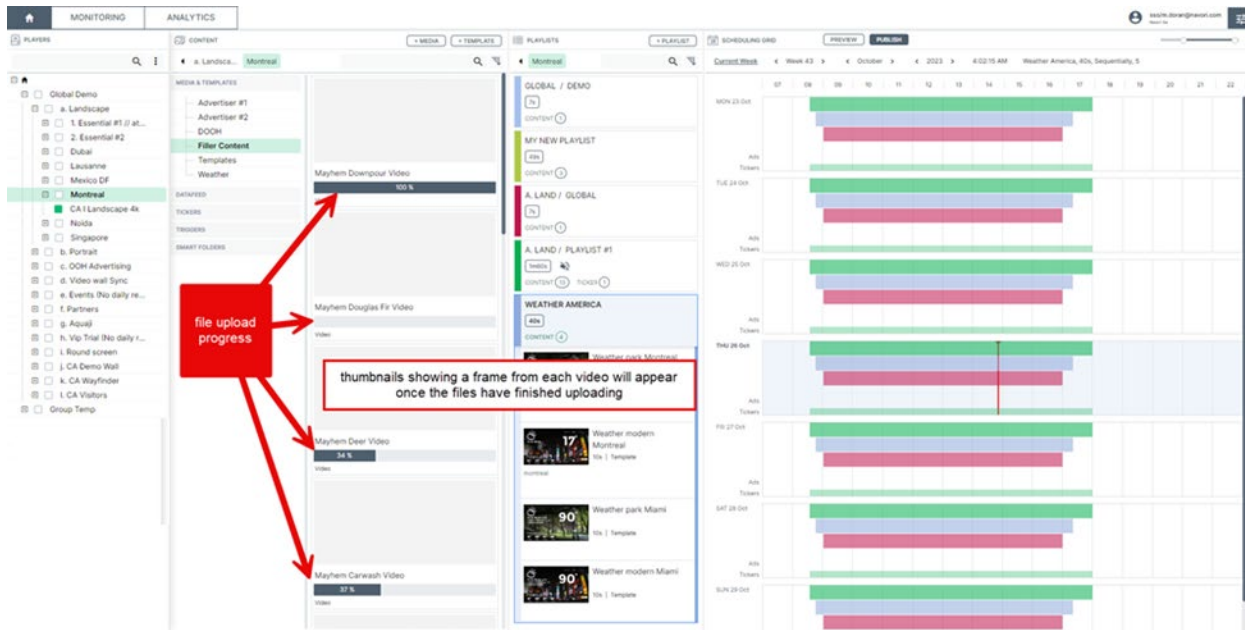


The selected file (or files) will appear in the **CONTENT** window under the folder where you right-clicked.

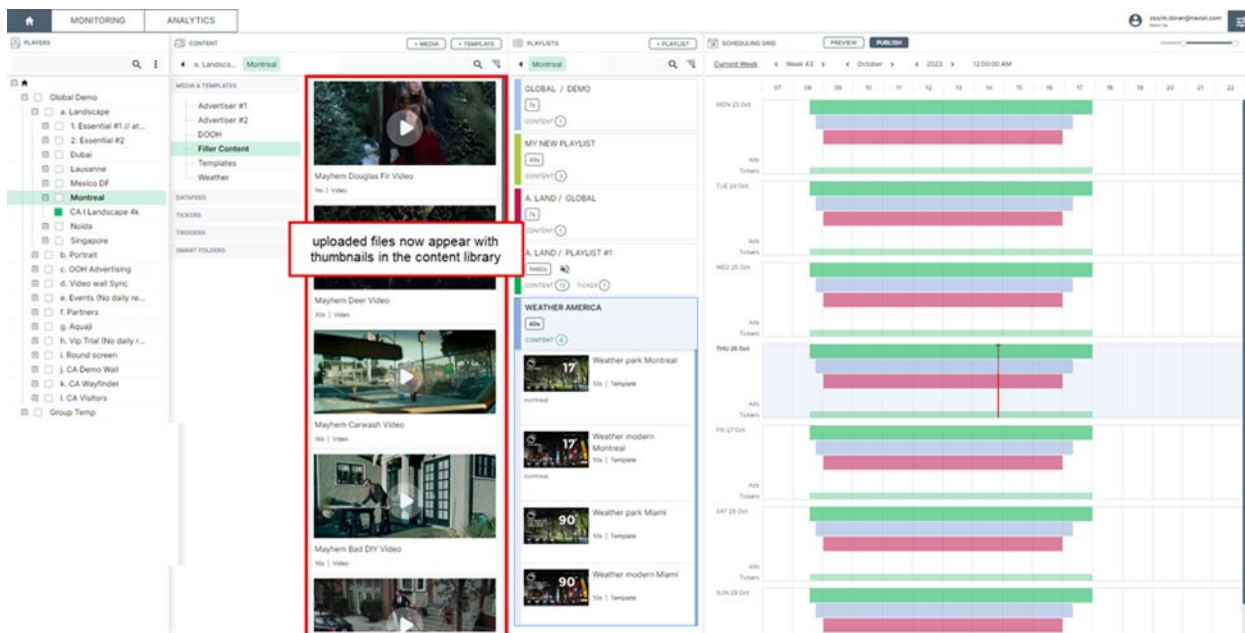


If you haven't created or selected any folders in the Content Library, the content will appear under the **MEDIA & TEMPLATES** section. This is the library's root folder.

Depending on the size of the file, you will see a progress bar appear as the file uploads.



Once the file has been uploaded successfully, a thumbnail will be generated.

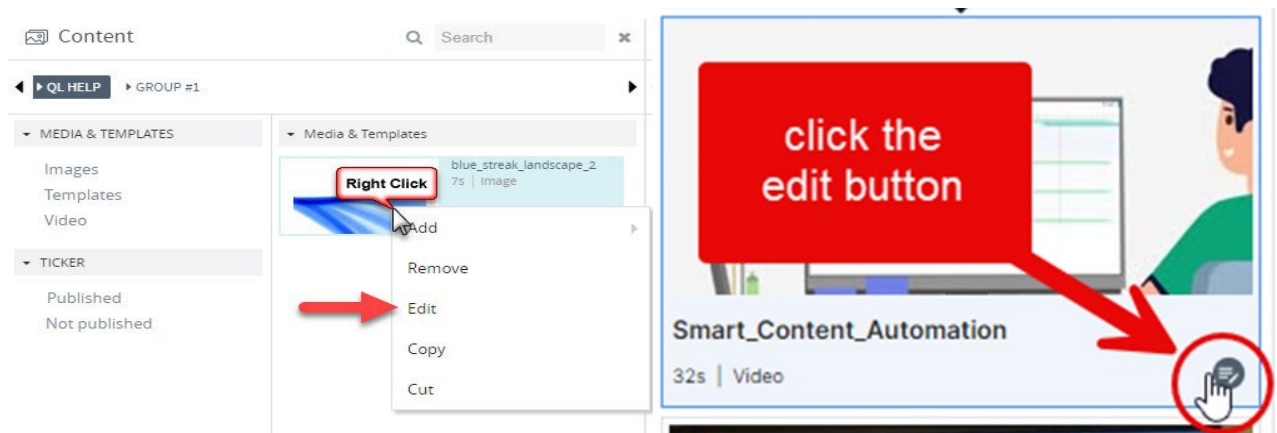


You may drag and drop the newly uploaded content into the playlist, or edit the content's properties.

## Editing Media Properties

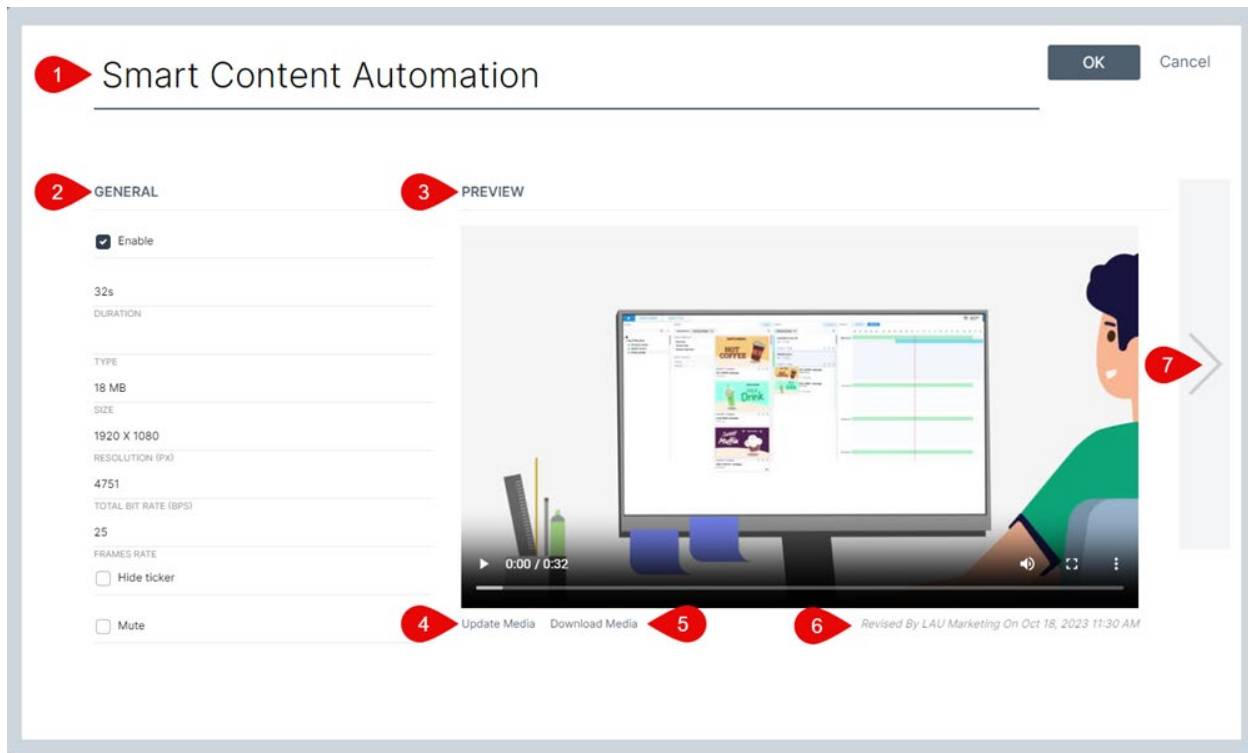
There are two ways to access the media properties.

1. Right-click on the media in the right pane of the **Content** window. Select **Edit** to modify the media properties.
2. Hover on the media you wish to edit. A thin blue border will appear to highlight the selected content and the **Edit** button will appear in the lower corner. Click this button to edit the media properties.



The **media properties window** is where you can set various playback options and change how some content behaves.





1. **Media Name:** This is the descriptive name for this content. By default, this will be the name of the original file and it can be edited directly in the media properties window.

Click on the name to edit. Click the **OK** button to confirm your changes.

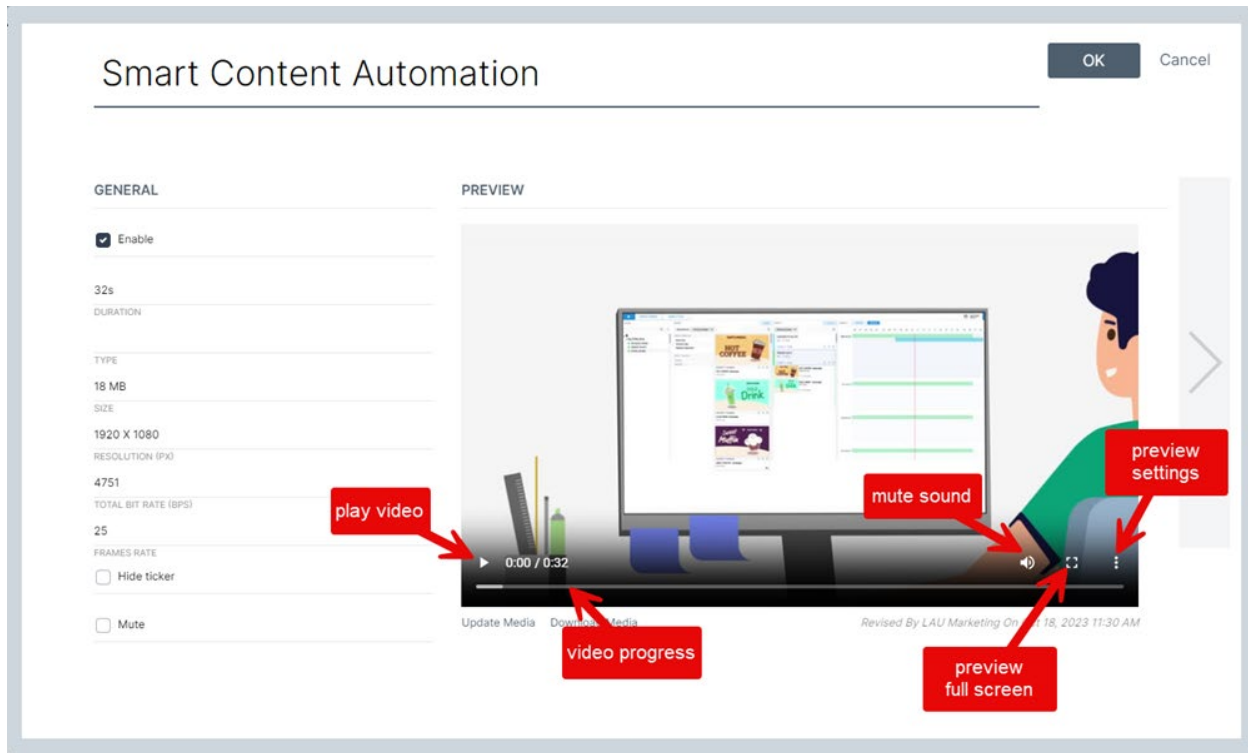
2. **General Settings:**

- **Enabled:** When selected, means the content is playable. Unless user is not authorized, this option is preselected. All new content is enabled by default. Deselect this option to temporarily disable content from playing, **NOTE:** Users who must get their content approved by a manager cannot select this option. For these users, this option will be completely disabled and unselectable.
- **Duration:** The default duration for all images is 7 seconds. Still image duration can be changed by the user. Video content duration is automatically detected by the system. Web page and streaming video duration is set to 15 seconds by default. This duration can also be modified by the user.
- **Type:** Shows the type of content currently selected. This field cannot be edited.
- **Size:** Shows the size of the data file.
- **Dimensions:** Shows the size of the media in pixels.
- **Total bit rate** (bits per second): number of bits per second (video only)
- **Frame rate:** The number of frames per second (video only)
- **Hide Ticker:** When selected, any published ticker will be automatically removed from the screen and restored once the content has finished playing.
- **Mute:** When selected, the audio track in the video will be muted.

### 3. Media Preview Window:

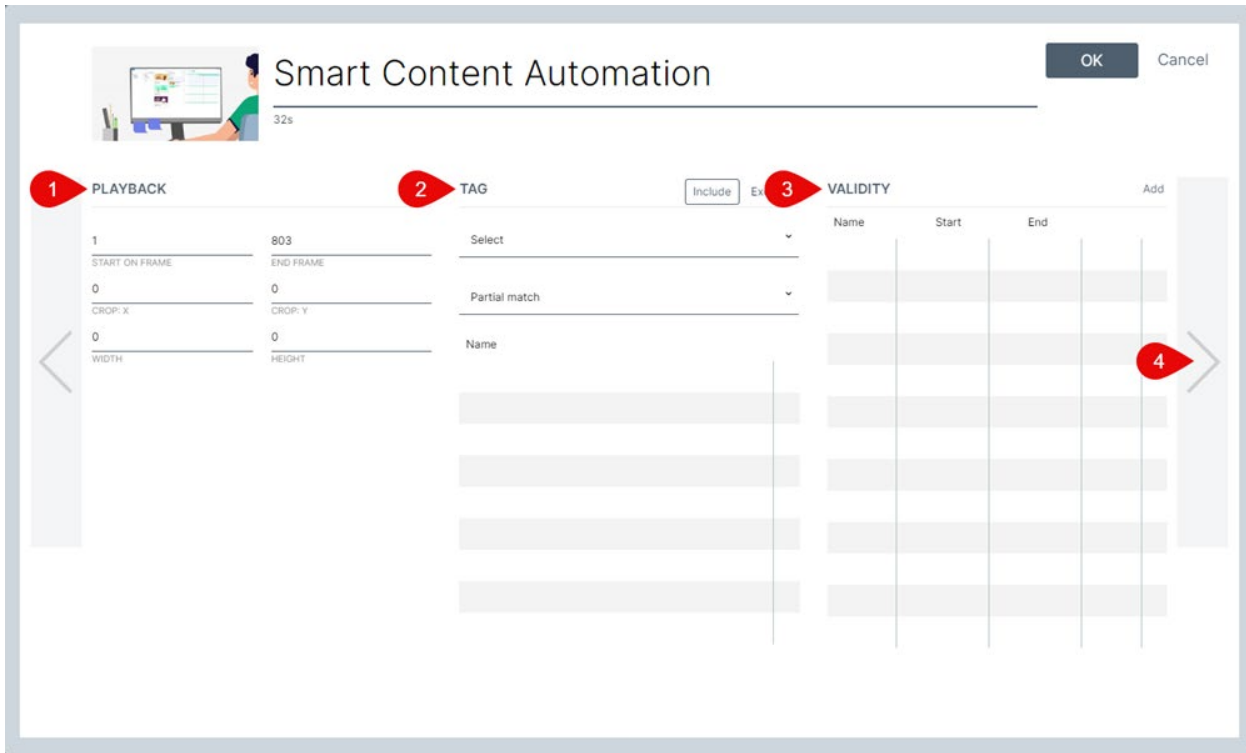
Content can be previewed in the window (note: video can also be previewed full screen or "picture-in-picture"). You can also download your videos from the preview window.

Video controls are visible under the preview window.



4. **Update media:** Users can switch the file associated with any content. This is to prevent having to create a new media item each time the file is updated. Once a media file has been uploaded to the server, users can click the Update media link to bring up a Windows Explorer window so they can select the updated file. All previous media properties are retained.
5. **Download media:** Users can download a local copy of any content previously uploaded to the server by clicking this option.
6. **Revised by:** Each interaction with content is recorded by the system. The user name, date and time is always visible in the media properties window. Initially, the media upload date and time are recorded and this information is updated each time someone modifies a setting.
7. **Next page:** Click to switch to the advanced settings.

# Advanced Settings



1. **Playback Options:** This is where you set various options such as transition effects, cropping values, etc... The options change depending on the type of media that you are working with.

## IMAGES ONLY

**Transition animations:** Select from one of 11 image transition options. Note that the default setting is no transition animation.

## VIDEOS ONLY

**Start on frame:** Select the frame on which you wish the video to begin playback.

**End frame:** Select the frame on which you wish the video to stop playback.

## IMAGE / VIDEO / URL / VIDEO STREAM

**Cropping:** Enter X, Y, Width and Height values to isolate the area of image you wish to display. The origin point is the upper left corner of the screen (coordinates 0,0). Positive X values move the cropping box to the right. Positive Y values move the cropping box towards the bottom. For example, coordinates X=25, Y=25 move the dropping box 25 pixels to the right of the left edge of the screen and 25 pixels from the top edge of the screen. The Width and Height values define the area of the image that will be shown. For example, Width = 1920, Height = 720 will define a 720p window. Assuming the image is larger than this

area, only 1920x720 pixels of the image will be shown.

**Hide ticker:** Selecting this option will remove the ticker for the duration of the media.

**Mute:** Selecting this option will silence the audio track.

- Tagging:** Meta tags can be assigned to players and content. When meta tags match, the content will either play or be excluded from players with matching tag(s). More than one meta tag can be assigned at a time. When there are more than one meta tag, users can choose if all the tags or only one of the assigned tags must be present (partial or exclusive match). Otherwise the content will not play. Tags are assigned to players first and then users are able to select them from the pull down menu. Once selected, meta tags will appear in the list below. The second pull down menu is used to select if a **partial** or **exclusive** match is required for the content to play. The default behavior is set to **include** tagged content for playback. Selecting the exclude option will have the opposite effect. Tagged content will not be shown on players that have been assigned matching tag(s).
- Validity:** By default, all content is deemed to be valid, meaning it will play when placed into a scheduled playlist. The validity option can be invoked when a user wants to preload content in advance and set a future day and time when the content will be shown. The first step is to click the Add link and then a validity period will appear in the table below. An editable default name will automatically be assigned to each new validity period. Next are the start and end dates. Users can edit the dates in the table or click on the calendar symbol to select them. Once a validity period has been assigned, content must be added to a scheduled playlist. From this point, the content will only be shown on screen during its programmed validity period. If the content is added to a playlist currently scheduled and its validity period begins in a month, it will not be shown until its validity start date. If it is left in the scheduled playlist past its expiry date, it will automatically stop playing. The playlist will ignore expired content. To restore the content, users can either remove the validity period or extend the expiry date beyond the current day.

VALIDITY				Add
Name	Start	End		
#1	Nov 1 2023	Nov 30 2023	Edit	×

Users can create one or more validity periods. For example, users can create multiple validity periods so the content only plays the first week of every month. There are an infinite number of scenarios that can be


programmed using validity periods.

VALIDITY			Add	
Name	Start	End		
<u>#1</u>	<u>Nov 1 2023</u>	<u>Nov 30 2023</u>	Edit	×
<u>#2</u>	<u>Jan 1 2024</u>	<u>Jan 31 2024</u>	Edit	×

Users are not limited to programming days. Once a validity period has been programmed, users can click the **Edit** link in the right column to access advanced options. In this mode, users can pick specific days of the week or even time periods where content will be shown. This is above and beyond the basic settings. For example, users can create a validity period that covers an entire month and then specify the content can only be shown on Monday, Tuesday and Wednesday between 9 AM and 11 AM. Perhaps you also want the same content to be playable on Wednesday, Thursday and Friday between 4 PM and 5 PM. Simply enter each block of time and click the Add link to add more periods.

## Thursday, October 26, 2023

**VALIDITY**


Add

Start	End	Week	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
09:00:00AM	11:00:00AM	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	×
04:00:00PM	05:00:00PM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	×

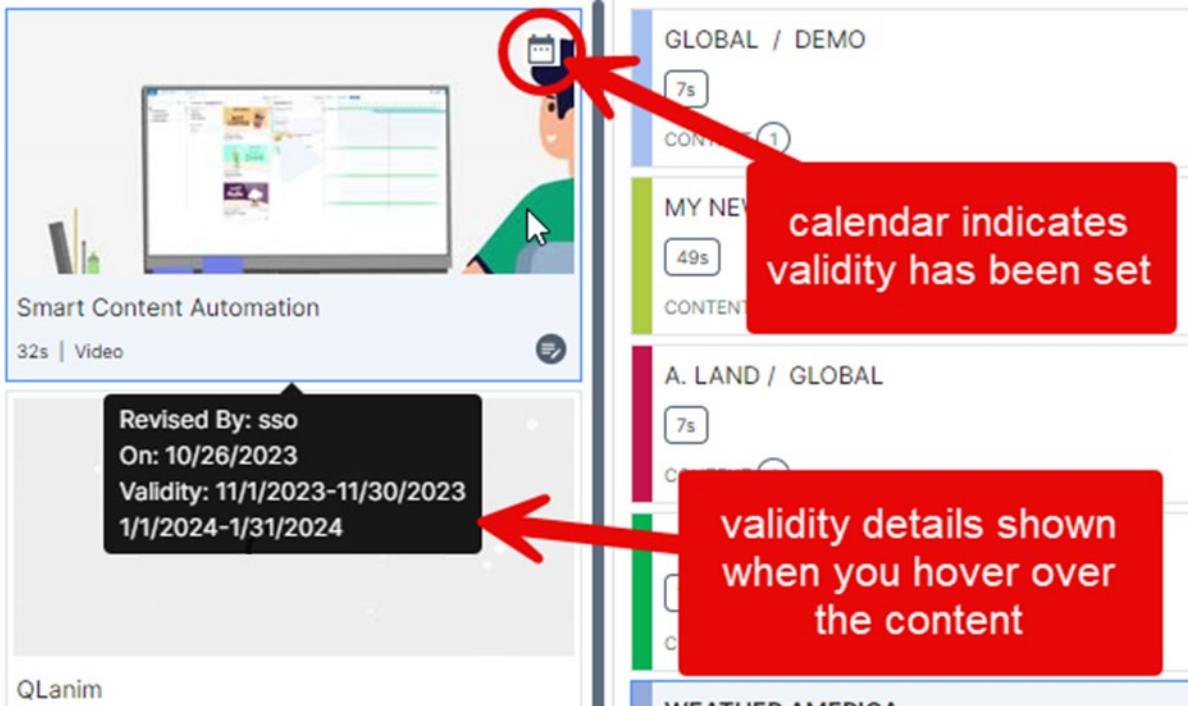
OK
Cancel

Once all the settings have been recorded, be sure to add this content to a scheduled playlist. If this playlist is scheduled all day, every day, the content will only show up on screen during its validity settings. Once the expiry date has passed, the content will no longer be shown on screen, even if it remains in a scheduled playlist.

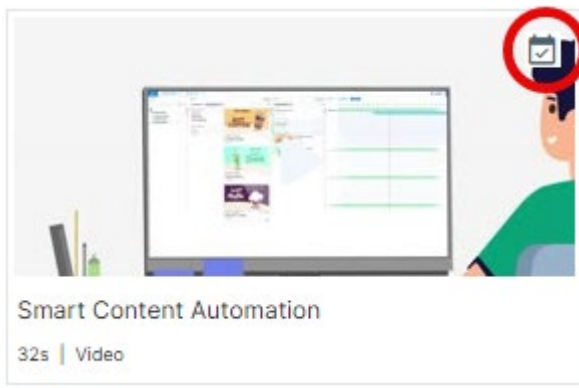
Content that has been assigned a validity period will show a symbol in the content library, next to its thumbnail. The symbol will change to indicate if the content is currently valid, or outside its validity period (can be before or after).

In the example below, the calendar symbol indicates a validity period has been set for this content.

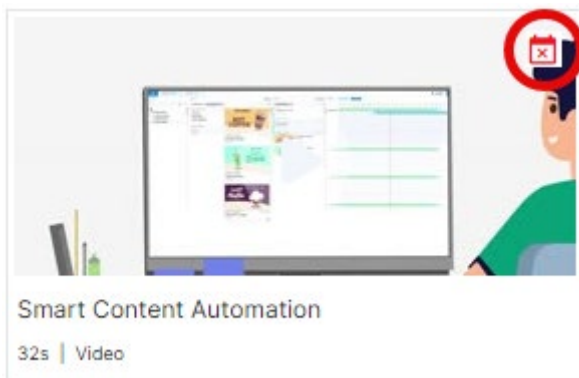
When you hover over the content, an information bubble will appear showing additional details, including the duration of each validity period configured for this item.



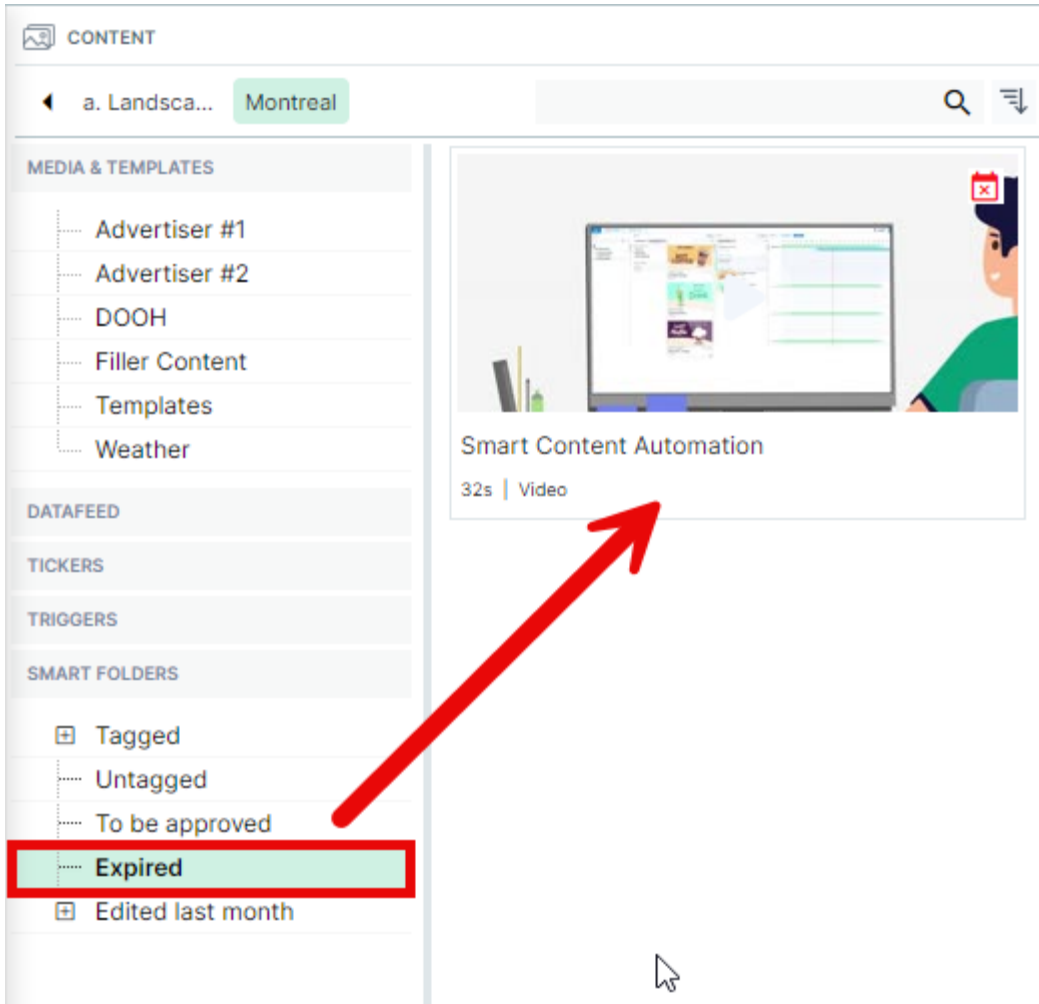
The calendar symbol with a check-mark indicates this content is currently valid.



Once the content has expired and there is no future period when it will be valid, the symbol will turn red and show an X.



Expired content will also appear in the Smart Folders under the Expired folder.



### Advanced Settings Page 3

See [Rule-Based Playback](#) and [Rule-Based Triggering](#).



## Advanced Settings Page 4

Smart Content Automation

OK Cancel

32s

1 KEYWORDS

2 ADVERTISING

3 ATTACHED FILES Upload Files

CUSTOMER

AD REF.

Name Size

\*Note: leave space between keywords

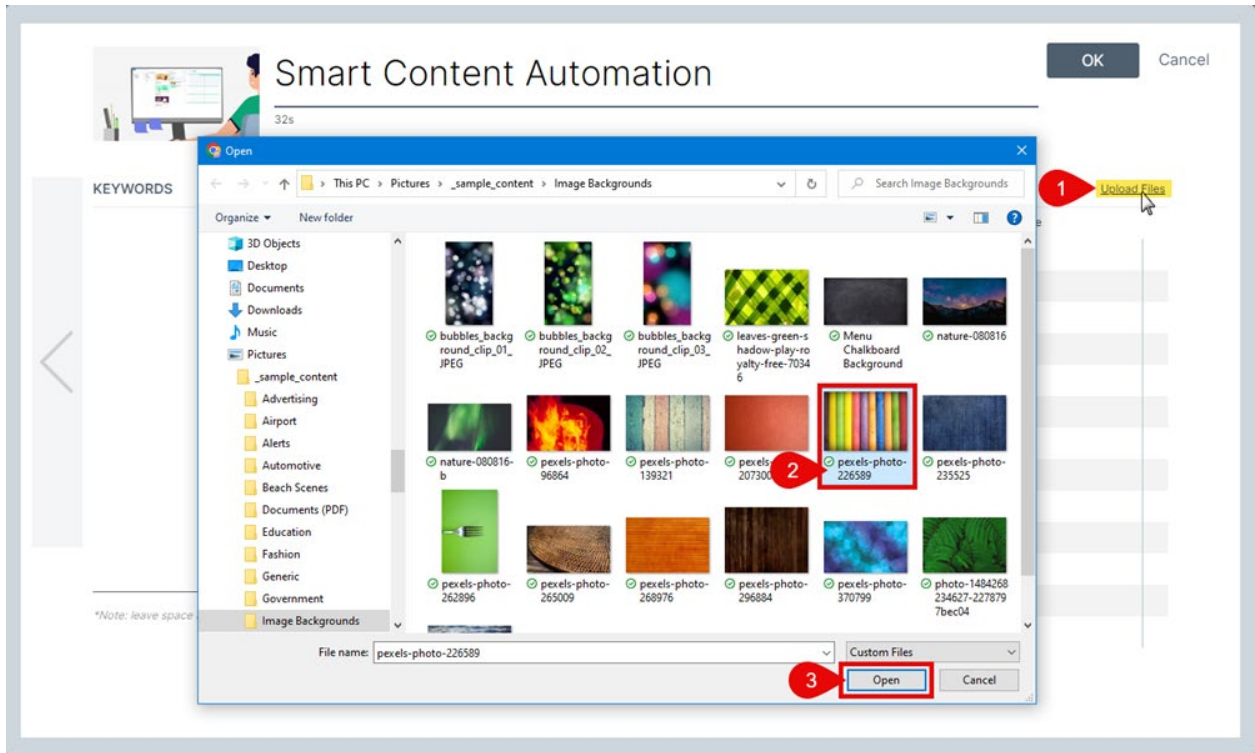
1. **Keywords:** This field is empty by default. To add keywords, click in the field and start typing. To enter multiple keywords, leave a space between each word. Don't use any colons or semicolons between keywords.
2. **Advertising:** Users can associate metadata with every content. This information is entered in the **Customer** and **Ad ref.** fields.

Note: These fields are alphanumeric.

Both advertising fields can also be used for other applications. For example a company could enter an employee name as Customer, or a department reference instead of advertising reference. The contents of these fields are used to sort the results in proof of playback reports so you can use these fields for non advertising applications.

3. **Attached Files:** Users can attach external files to the currently selected content. For example, you may need to associate some images or XML data to HTML5 content. This is where you go to upload and associate files to the currently selected content. All attached files are sent to players with the content the next time you publish.

To add attachments, click the **Upload Files** link (1). This will open the **Windows File Explorer**. Select the file(s) you wish to **add** (2) and then click **Open** (3).



Once uploaded, files will appear in the **Attached Files** table.

ATTACHED FILES Upload Files

Name	Size	
pexels-photo-226589	1 MB	✕

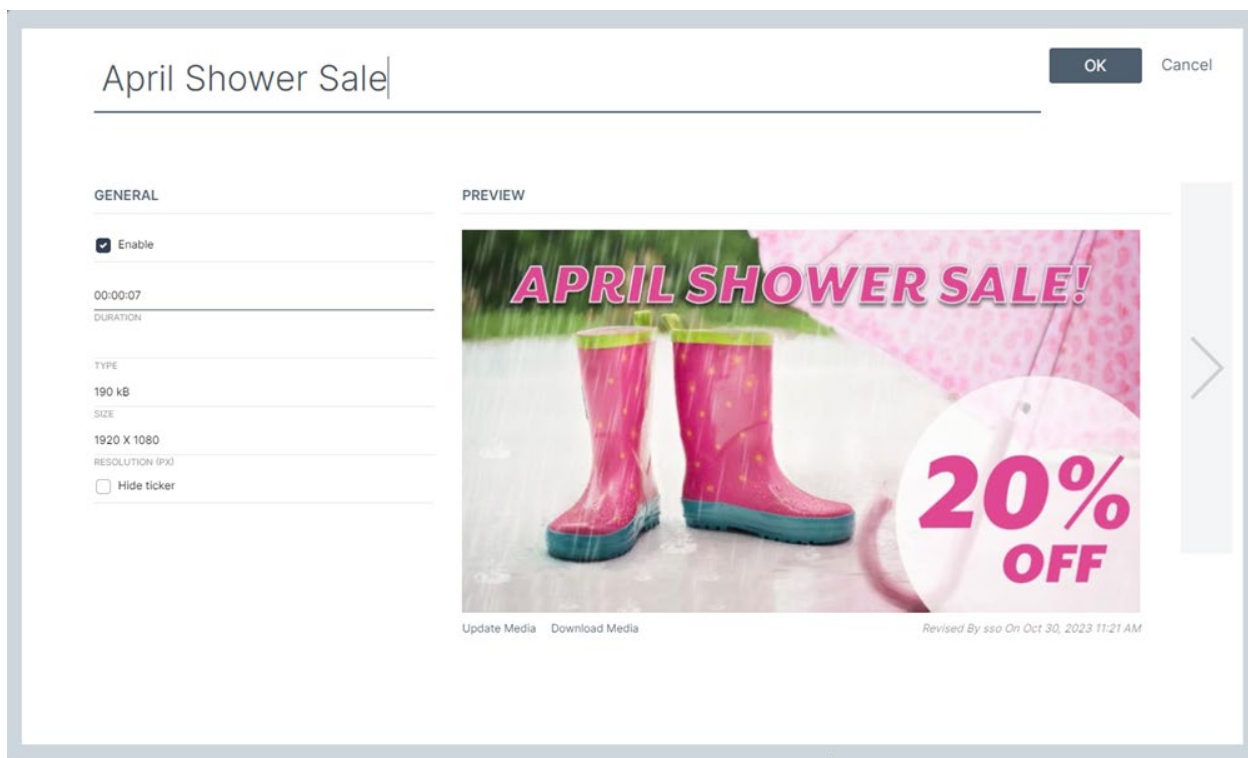
## Rule-Based Playback

Users can set playback rules that control when content can be shown on screen.

It's important to note this feature works for content that has been scheduled, meaning the item was added to a scheduled playlist. When the conditions are met, the content will play as part of the playlist, otherwise the content will be skipped.

Rules can be assigned to any content and the process is simple.

Upload your content, or simply double click on any content already in your library to open its properties.



Go to the 3rd page by clicking on the right arrow.

April Shower Sale OK Cancel

---

**GENERAL**

Enable

00:00:07  
DURATION


TYPE

190 kB  
SIZE


1920 X 1080  
RESOLUTION (PX)

Hide ticker

**PREVIEW**



Update Media Download Media Revised By sso On Oct 30, 2023 11:21 AM

 April Shower Sale OK Cancel

---

**PLAY IF**

Select Data Feed Manager

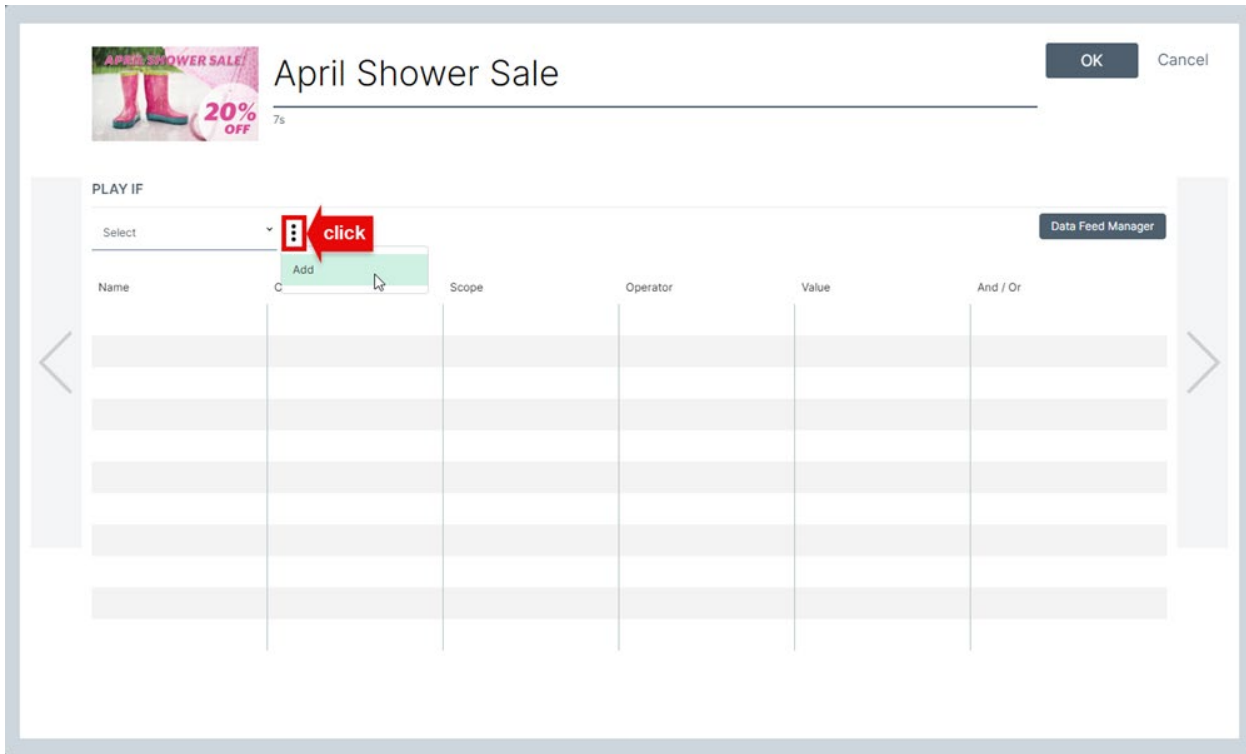
Name	Columns	Scope	Operator	Value	And / Or

On this page we can select which data feed to monitor and set the rules to follow.

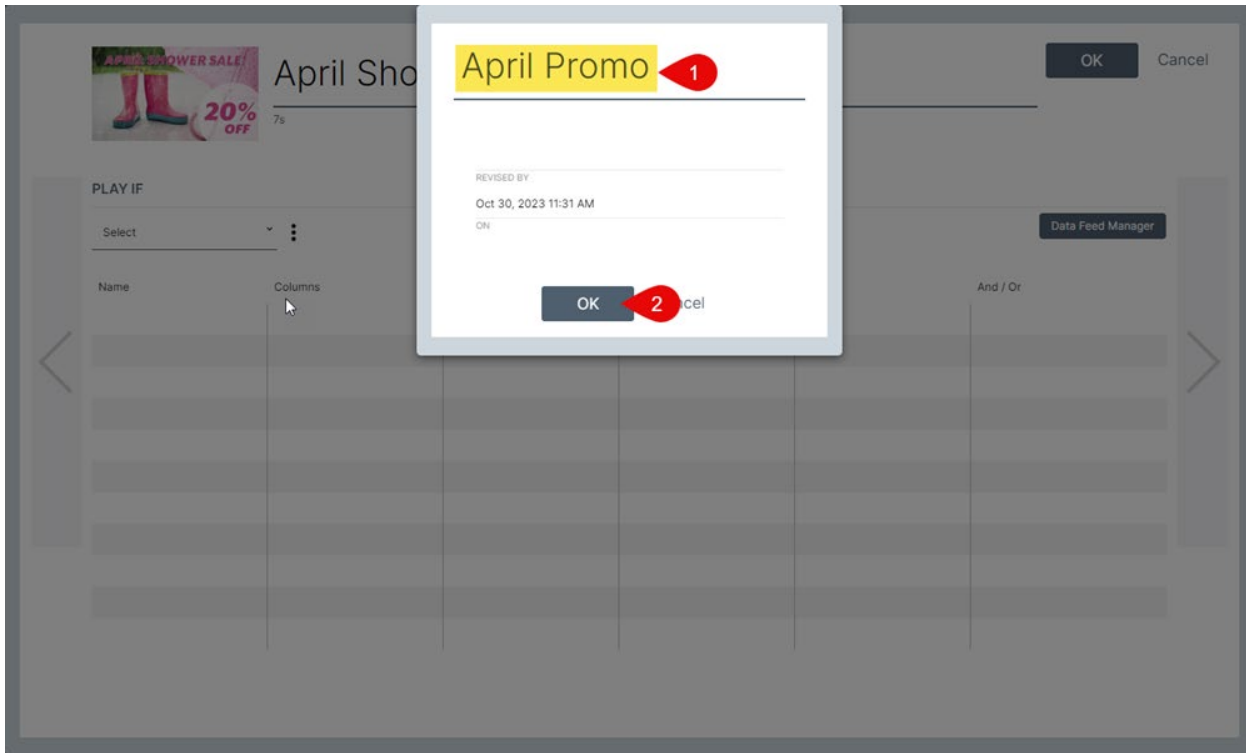
For this example we'll select a weather feed and set the condition so this content will play whenever there is rain or fog

in forecast.

The first step is to add a new rule. Click the **Options button** next to the **Select** pull-down field and click **“Add”**.

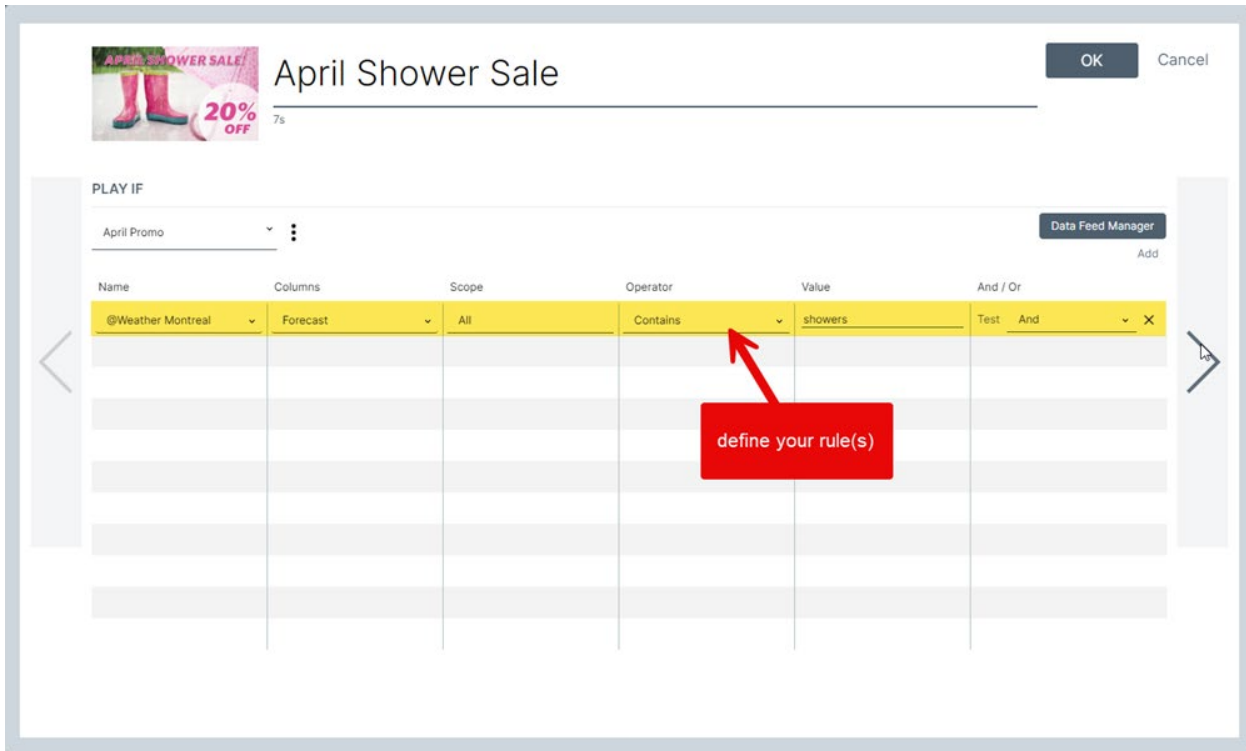


Name the new rule. In this case we'll use "April Promo" (1).



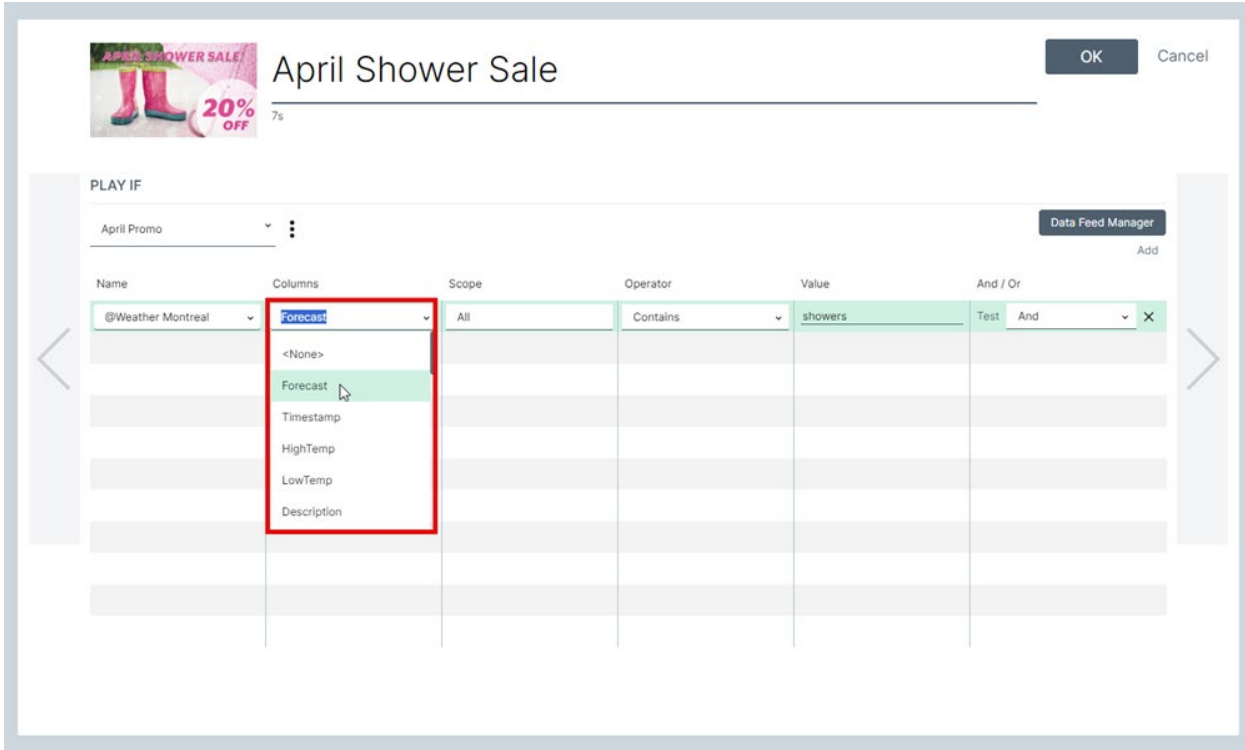
Click **OK** (2) to confirm and then you can start building your rule. You will select the data feed, column and even which record to monitor.

Use the pull-down menus to build, and fine-tune the rule to get the desired result.

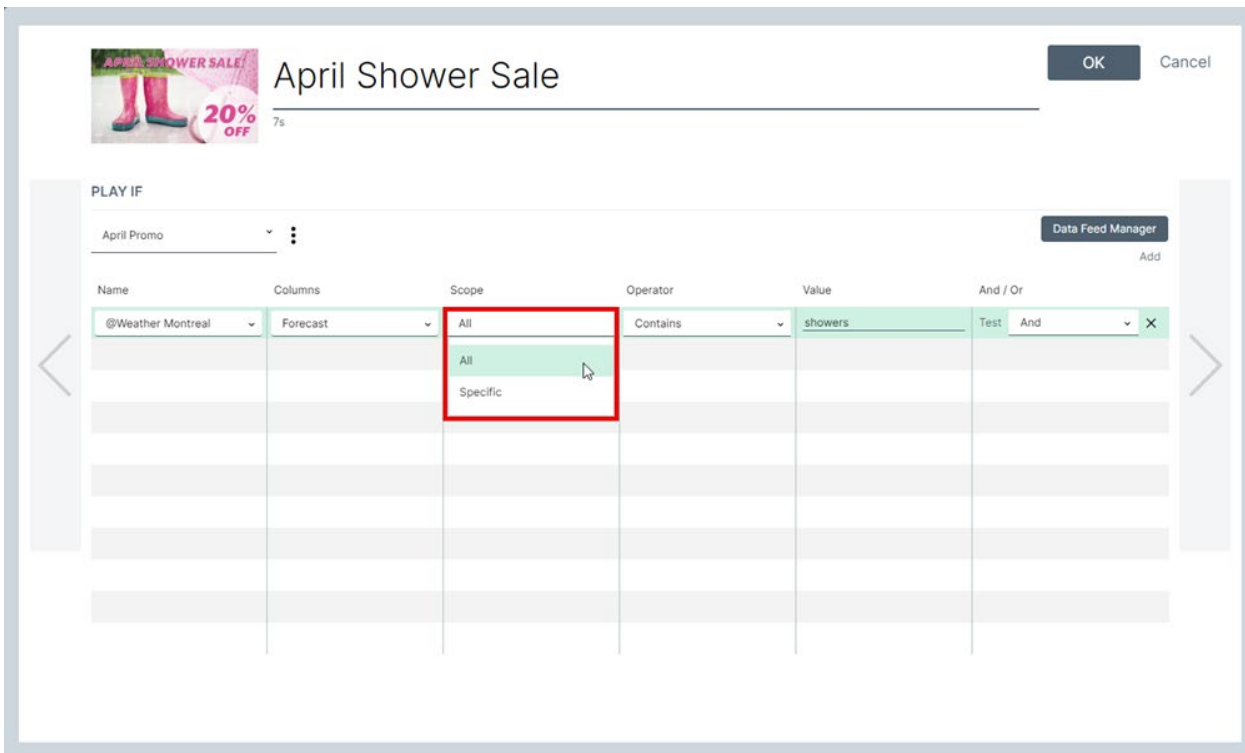


In the example above, we used a RSS feed we called "Weather Montreal". We used the **Data Feed Manager** (via the button on the right) to configure our RSS feed before we selected it from the Name pull-down menu. Every data feed currently configured in the Data Feed Manager will appear in this list.

Next, we selected the data feed **Forecast** column because that's what where we'll look for the value.

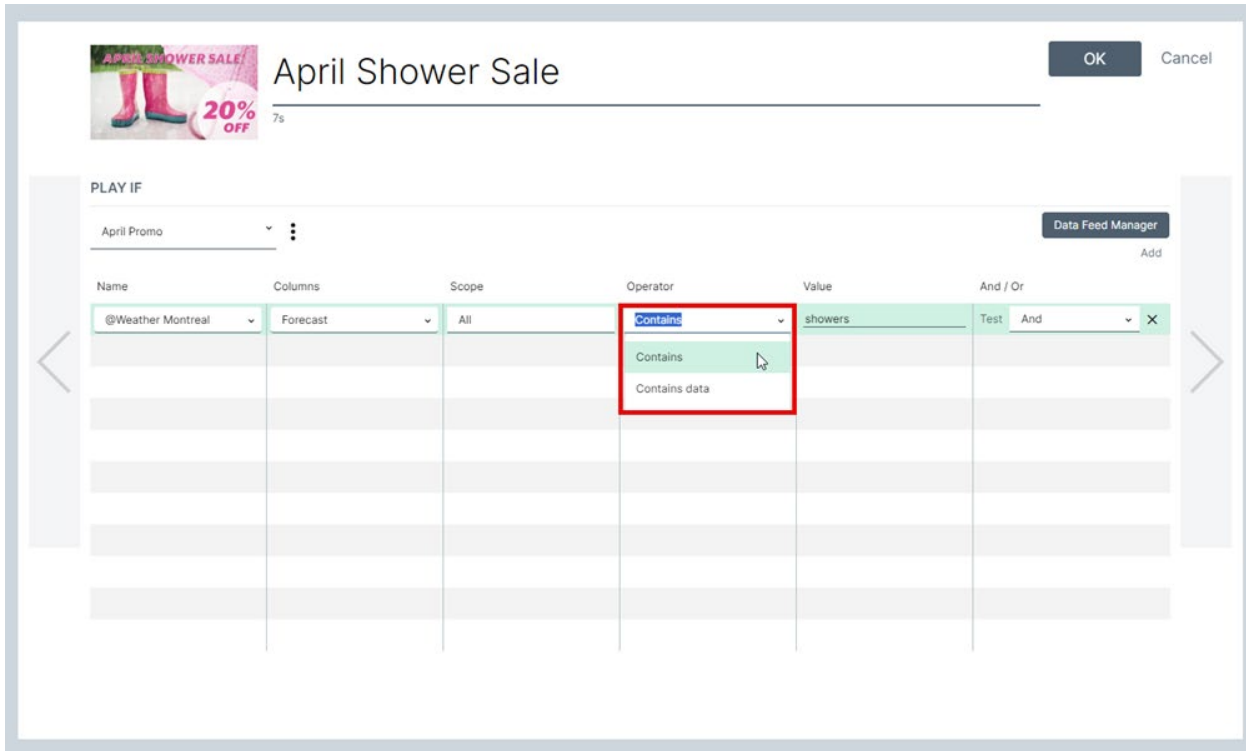


We left the scope at the “All” setting so the rule will apply to all the records in the description column. If we wanted to just look at a specific day, or a range of days, we would have selected the “Specific” option and then entered the line, or range to monitor.





The Operator column is where you decide the criteria to be applied when processing the records in the data feed. There are many operators you can use depending on the type of data or the type of rule you want to create. For example, “**Contains**” means the rule will look for the value in the following column. You can enter a text or a numeric value and when there is a match, the content will play as part of the currently scheduled playlist. If you enter the word “showers” then VIDEOSTAR will look for that word within the entire text string in the data feed record.



Some rules are alphanumeric, while others only accept numbers.

Contains	Record matches the data entered in the Value field. Alphanumeric.
Contains data	Record must contain some data. If empty returns false.
Does not contain data	Record must not contain any data, otherwise returns false.
End with	Record must end with the value entered in the Value field.
Starts with	Record must begin with the value entered in the Value field.
Greater than	Record (numeric value) must be greater than the one entered in the Value field.
Greater or equal to	Record (numeric value) must be greater or equal to the one entered in the Value field.

Lower than

Record (numeric value) must be lower than the one entered in the Value field.

Lower or equal to

Record (numeric value) must be lower or equal to the one entered in the Value field.

You select the operators depending on the type of rule you want to apply. Here are a few examples:

- Use the “**Greater than**” operator to create a rule where specific content will be shown if a sales level, or other marketing target is attained.
- Use the “**Contains data**” operator to show a congratulatory message when there is a slot machine jackpot winner.
- Use the “**Contains**” operator to display unique content whenever a specific hashtag is posted in a Twitter feed.

The possibilities are endless...

You can test the rule by clicking the “**Test**” button at the end of the rule. The data feed will be processed and the results (either **TRUE** or **FALSE**) will be shown.

April Shower Sale

OK Cancel

PLAY IF

April Promo

Data Feed Manager Add

Name	Columns	Scope	Operator	Value	And / Or
@Weather Montreal	Forecast	All	Contains	showers	Test And X

**April Shower Sale**

PLAY IF

Name	Columns	Scope	Operator	Value	And / Or
@Weather Montreal	Forecast	All	Contains	showers	TRUE

results appear here

Rules can be combined and you can add as many of them as you need. Getting back to our original example, we can add the rule **“Contains”** with the value **“Fog”** so that our promotional content is shown when it’s raining or when there is fog. To chain together multiple rules, we use the **AND / OR** operators.

**April Shower Sale**

PLAY IF

Name	Columns	Scope	Operator	Value	And / Or
@Weather Montreal	Forecast	All	Contains	showers	Test And

**April Shower Sale** OK Cancel

7s

**PLAY IF**

April Promo ⋮ Data Feed Manager

Name	Columns	Scope	Operator	Value	And / Or	
@Weather Montreal	Forecast	All	Contains	showers	Test Or	X
<None>	<None>	All	Contains		Test And	X

*Note: A red dashed arrow points from the 'Add' button in the 'Data Feed Manager' to the 'Value' field of the second row.*

**April Shower Sale** OK Cancel

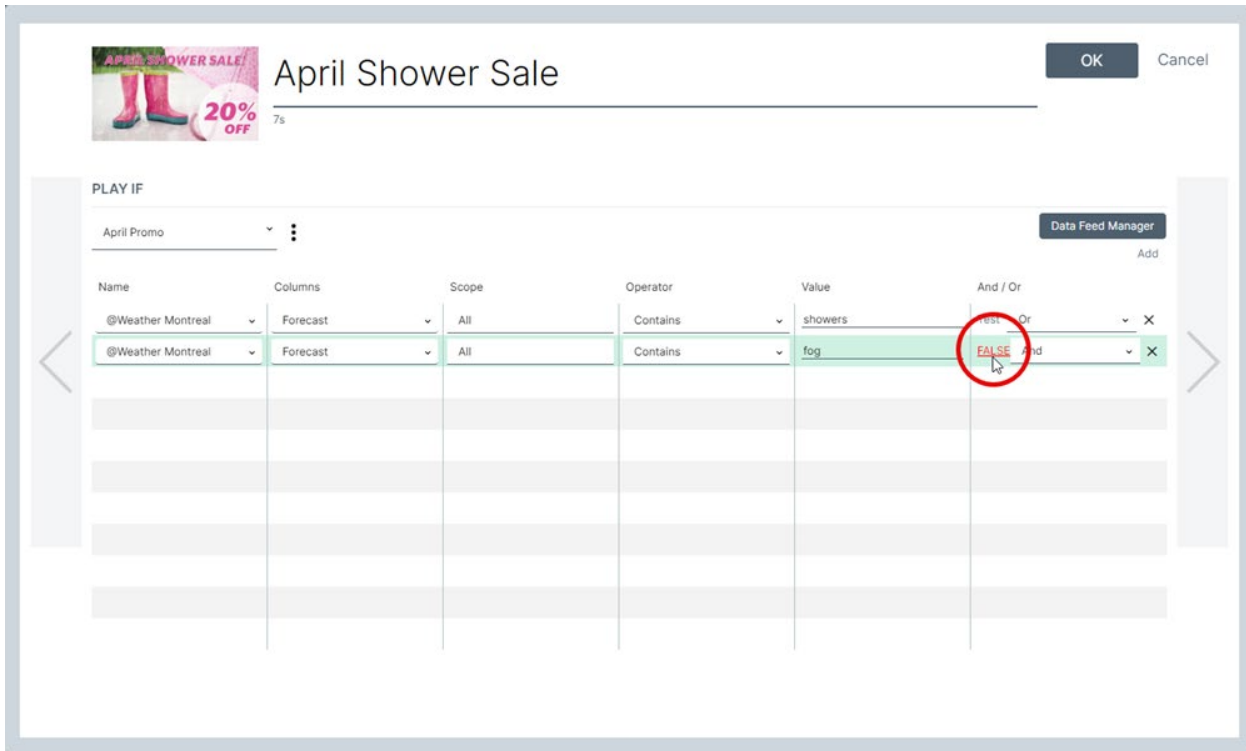
7s

**PLAY IF**

April Promo ⋮ Data Feed Manager

Name	Columns	Scope	Operator	Value	And / Or	
@Weather Montreal	Forecast	All	Contains	showers	Test Or	X
@Weather Montreal	Forecast	All	Contains	fog	Test And	X

*Note: A red circle highlights the 'fog' value in the second row.*

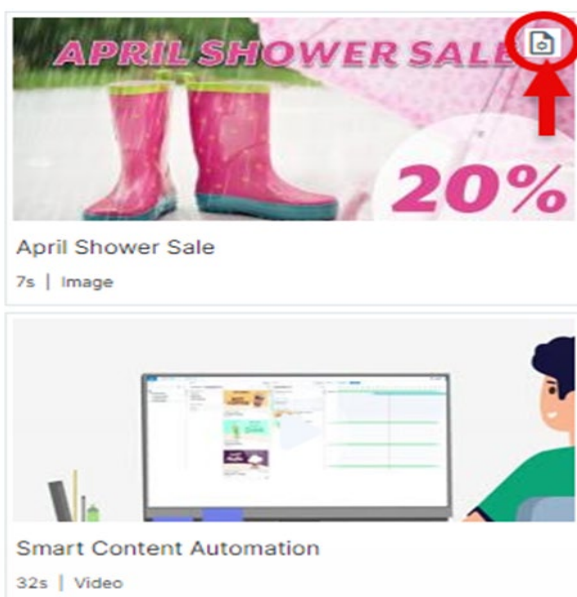


In the example above, we selected the “Or” operator and then added a second rule and tested it. The word “fog” wasn’t detected in the feed which explains the “False” result. However, the word “Rain” was detected in our previous test so this content would be shown in screen if it was added to a programmed playlist.

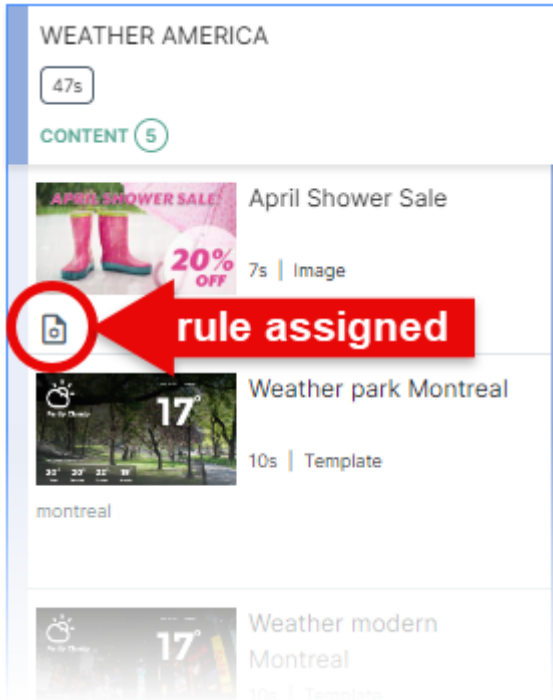
If you use the “Or” operator between rules, only one of them needs to be true for the content to play. If you use “And”, all the rules must be true otherwise the content will not play.

Items that have rules assigned to them display a small icon in the **Content Library** and in the **Playlist** view.

### Content Library:



## Playlist:



**IMPORTANT CONSIDERATION:** When you set rules for content in the library, you are controlling when the content can play as part of a scheduled playlist. Should you need to trigger content and interrupt the current schedule, for example to display an emergency message on screen for an extended period of time, you must copy your content into the “**Trigger / Published**” folder.

## Rule-Based Triggering

Users can set trigger rules that control when content can be shown simultaneously across one or more players.

Triggered content interrupts regular programming on your screens and will remain active until the trigger is released, at which point the regular programming will resume.

Content can be triggered from any supported data feed, including RSS, XML, social media (Twitter, Facebook), and VIDEOSTAR server hosted data feeds.

Since the [Common Alerting Protocol \(CAP\)](#) uses the XML format, you can trigger any Videostar VIDEOSTAR hosted content using **CAP data feeds** and trigger rules.

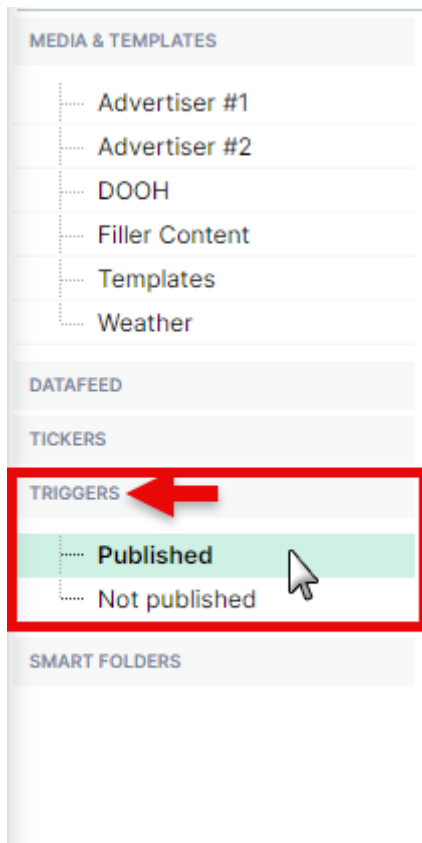
### **\*\*\*IMPORTANT INFORMATION ABOUT USING DATA FEEDS TO TRIGGER CONTENT ON YOUR SCREENS\*\*\***

You must configure each data feed using VIDEOSTAR Server's Data Feed Manager. Once each feed has been configured, the data feed's link will be sent to each player that needs to display the information. It's important to remember that each player must be able to access the data feeds source from their network location. In some instances, this may require configuration of a proxy server or other method to let players connect to the data feed's source.

Rules can be assigned to any content and the process is simple.

Locate the Triggers folder in the lower part of the **Content Library** window (right below the Ticker section).

## The Triggers folder



The **Triggers** section has two folders: **Published** and **Not published**. Copying or uploading content into the published folder will make the content available for trigger. Content located in the not published folder are stored on the player but can't be triggered. The content must be moved or copied into the **Triggers > Published** folder before it can be triggered.

**NOTE:** In order to use the trigger feature, the player licenses must have the “**Trigger Media**” add-on enabled otherwise the feature will not be available. This only applies to VIDEOSTAR on-premise customers. VIDEOSTAR Cloud customers have this feature enabled by default. To confirm if your player has this option, double-click its name in the **Player** window to open the **Properties** window. Click the right arrow until you get to the third page. The **Trigger Media** box must be selected otherwise the option is not available.

**CA | Landscape 4k** OK Cancel

---

**LICENSE INFORMATION**

QL Player

PRODUCT NAME  
2.8.2.0.200

VERSION  
BC527 - 7A171 - 2CDC2 - 9D08F - 0EF7C - BD261 - 45AAB

SERIAL NUMBER  
12/09/2023

ACTIVATION  
31/12/2100

EXPIRATION DATE

**RESET THE LICENSE**

**ADD-ON**

Core Playback Engine	<input checked="" type="checkbox"/>
Template & Designer	<input checked="" type="checkbox"/>
Ticker & Titling	<input checked="" type="checkbox"/>
Trigger Media	<input checked="" type="checkbox"/>
Real-Time Monitoring	<input checked="" type="checkbox"/>
TV Tuner Hauppauge	<input checked="" type="checkbox"/>
Analytics	<input checked="" type="checkbox"/>
External Update	<input checked="" type="checkbox"/>
Advertising	<input type="checkbox"/>
Insane Performance Rendering (IPR)	<input checked="" type="checkbox"/>
QL Manager Mobile	<input checked="" type="checkbox"/>
Content Synchronization	<input checked="" type="checkbox"/>
Dynamic Data Feed Scheduling (DDFS)	<input checked="" type="checkbox"/>
Advanced Analytics	<input checked="" type="checkbox"/>
Access Control	<input type="checkbox"/>

**SYSTEM INFORMATION**

Component	Status
Playback resolution Width	3840
GPU	gallie1
Kernel	armv7i; Linux; 4.9.113
Model Number	Navori Stix 3700-4k
Processor	armv7i
Space Available Flash Card	11.22 GB
Space Available Internal Memory	11.22 GB
Last known IP	172.18.4.227
Mac Address	10:2C:8B:F7:25:66 D0:5F:4
Media Player Serial	

if this box isn't checked, the license does not support triggered media

To add a new trigger content that will be ready to play, click the **Published** folder under the **Triggers** tab.



**MEDIA & TEMPLATES**

- ..... Advertiser #1
- ..... Advertiser #2
- ..... DOOH
- ..... Filler Content
- ..... Templates
- ..... Weather


**DATAFEED**

**TICKERS**

**TRIGGERS**


- ..... **Published**
- ..... Not published

**SMART FOLDERS**

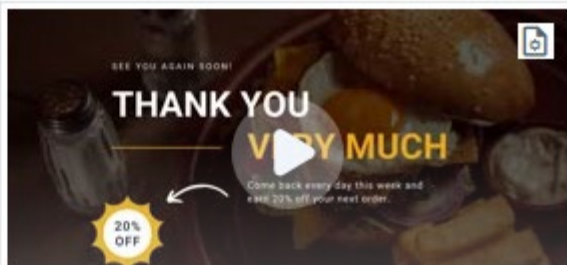


**EBS ALERT TEST**  
7s | Image

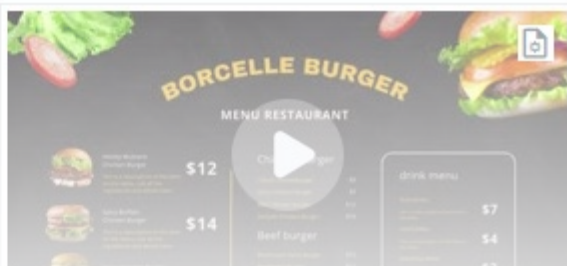
content to be triggered must be added to this folder



**DriveThru1**  
10s | Video



**DriveThru3**  
10s | Video



**DriveThru2**  
10s | Video

Right-click in the folder (right pane) in the **Content Library** and select **Add > Media** to upload new content. You may also select **Add > URL** to add a web page link, **Add > Template** to open the template designer or **Add > Video Stream** to

add a video stream link. Your other option is to copy or cut and paste content from the regular content library into one of the **Triggers** folders.

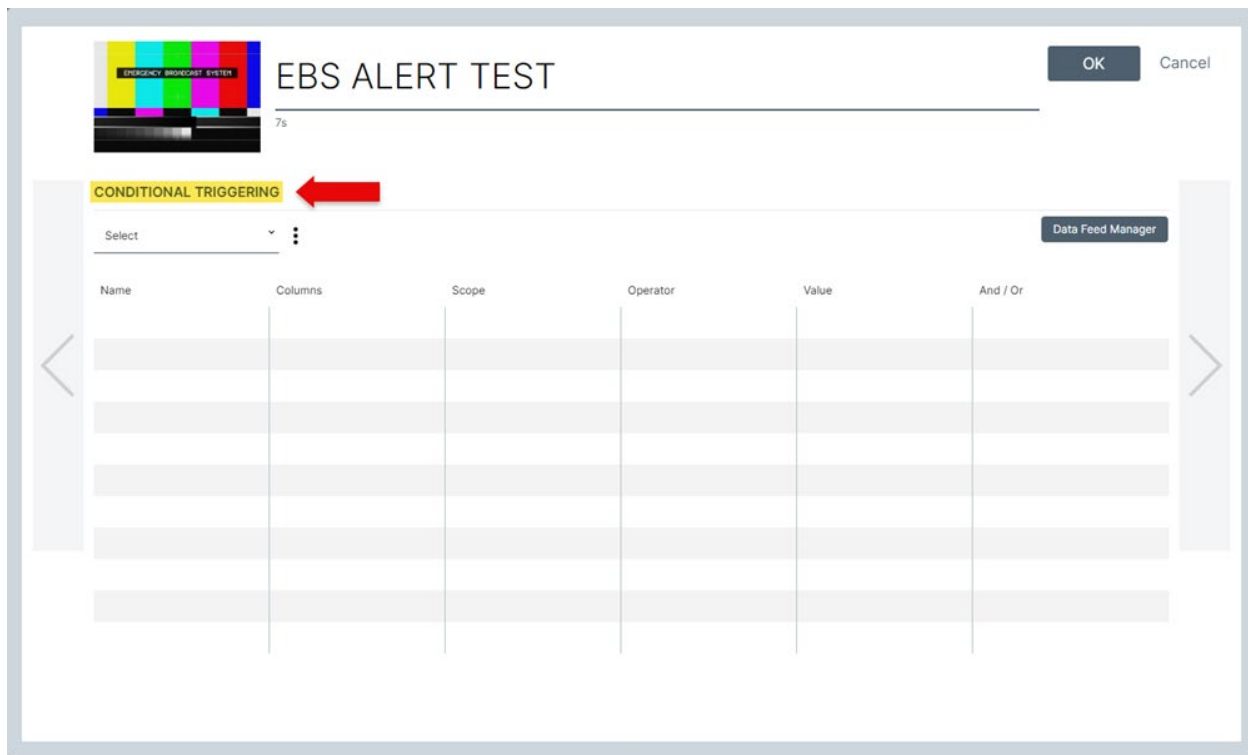
**NOTE:** Adding triggered content at the root level will launch content on all the players in your network (assuming they have the required add-on). If you add trigger content at the sub-group level, the trigger will only apply to the current player group.

Rule-based triggers are configured exactly like “**Rule-Based Playback**” so you should [read the instructions on that page first to learn how to set up rules.](#)

**Here are the differences:**

- **Rule-based playback** enables or disables content within a normal playlist. This content is shown with other scheduled content while the results are true, and the it is deactivated when the results are false.
- **Rule-based triggers** will launch content on every screen whenever the results are true, and during this time regular programming is interrupted. Once the results are false, the trigger is released and the regular programming resumes automatically.

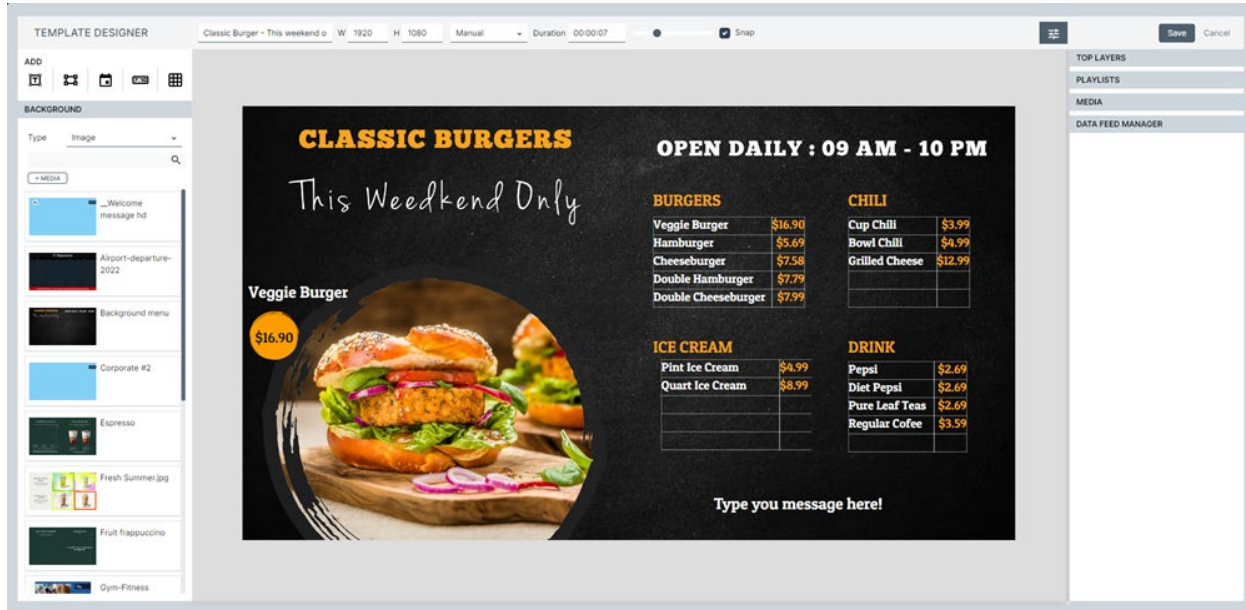
How to tell if you are looking at content in a regular playlist or in the trigger published folder? Go to the third page of the content properties. Rule-based playback will show the title “**PLAY IF**” and Rule-based triggered content will show the title “**CONDITIONAL TRIGGERING**”.



Content can also be triggered using the VIDEOSTAR Player Trigger API. You would use this technique to trigger content based on a third-party application or a hardware peripheral device, such as a motion sensor, temperature sensor, RFID sensor, etc.

## Template Designer Tour

The **Template** designer is used to create a variety of custom content, such as:



- Automobile dealership signs
- Business intelligence dashboards
- Corporate messages
- Financial market information boards
- Flight departure and arrival displays
- Hotel lobby digital signage
- Message boards
- Restaurant digital signage menu boards
- Travel information signs
- And many others...

## Supported content

Templates support the following content:

- Typed-in text
- Geometric shapes (rectangles, ellipses)
- Current date
- Current time
- Data tables (datagrid) – RSS, MediaRSS, XML, Twitter, Facebook, Google Calendar
- Custom backgrounds (solid color, images)

- Image overlays (logos, transparent PNG images)
- Playlist zones
- Media zones (all supported content types, including templates)
- Individual data fields – RSS, MediaRSS, XML, Twitter, Facebook, Google Calendar

You can add any number of the content listed above to any template.

## Supported layouts

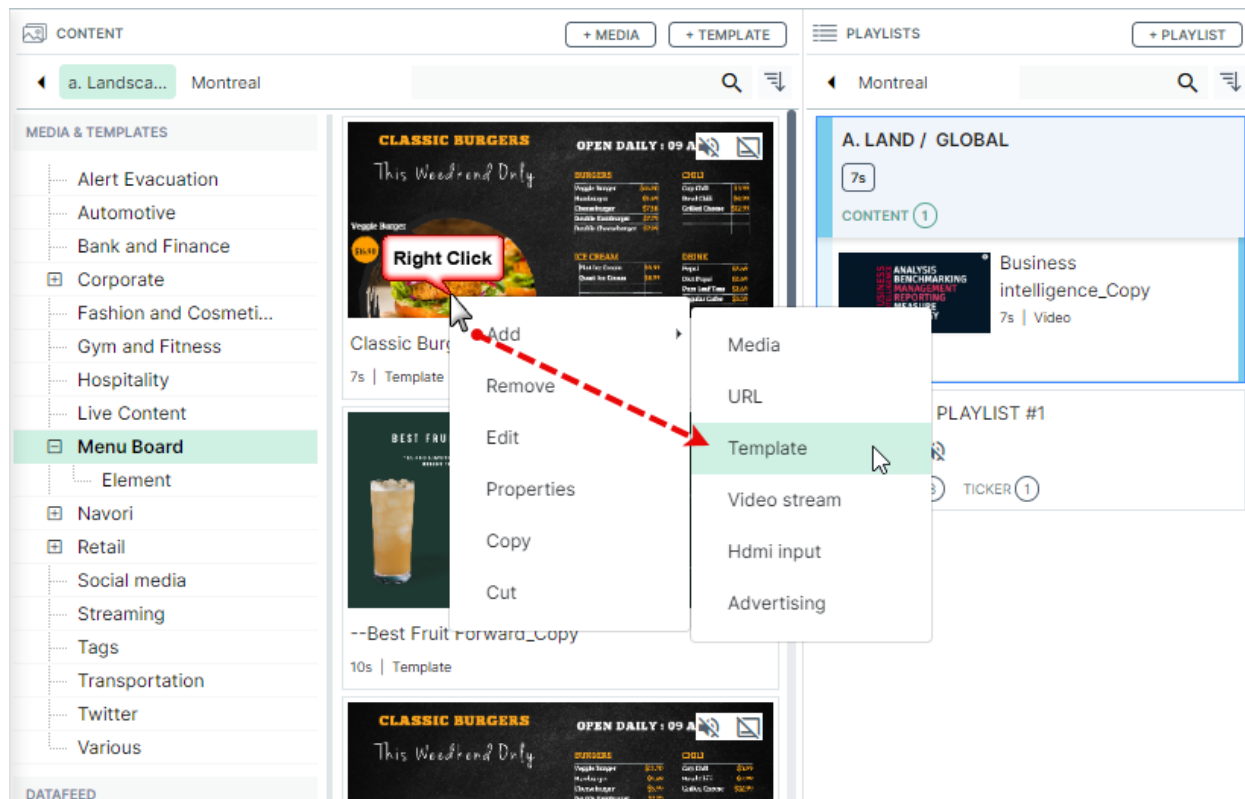
Templates automatically adapt to the player's screen settings, including different screen orientations (portrait or landscape).

Multiple displays are also supported. With multi-display layouts, you can create designs that span all available displays with multiple playlist or media zones as needed.

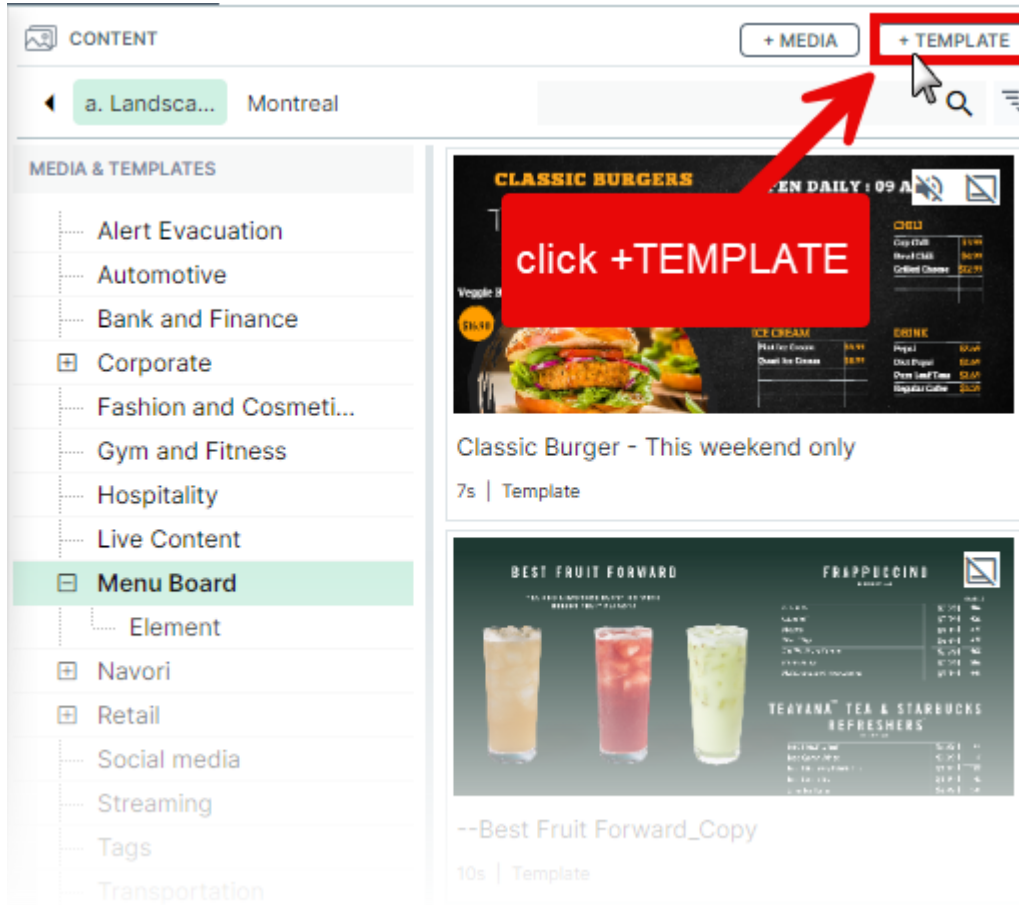
## Creating a new template

To add a new template to your library, right-click in the desired folder and select **Add > Template** or you can click the **+ TEMPLATE** button next to the **+MEDIA** button.

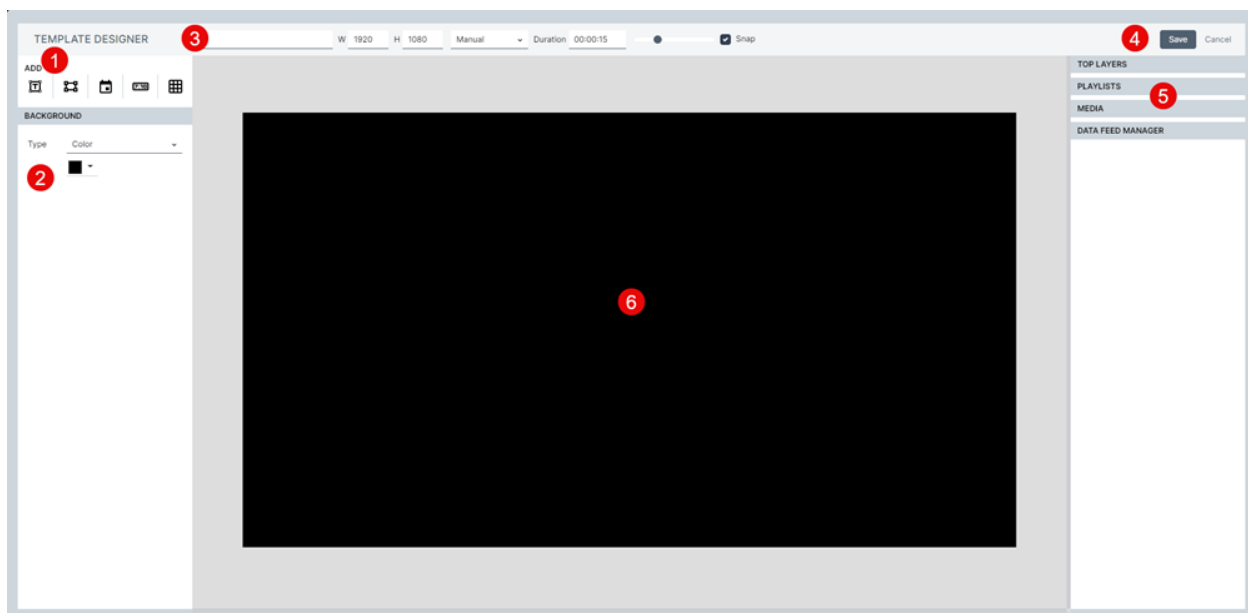
### Option 1:



## Option 2:



## Quick tour of the template designer interface



1. **ADD:** Text box, geometric shape, current date, current time, data grid.
  - Selecting one of these items will add it to the stage area (**#6**).
  - Items are laid out on their own layer. Items can be reordered forward or backward as needed.
  
2. **Item Properties:** Zone, text, date & time, data feed, data grid, shape, background.
  - Each time you click on an item, a series of properties will appear so you can access and modify them. For example, clicking on a text box will show the **Zone** and **Text** properties so you can change their parameters.
  - Different items have different types of properties. For example, you can set a zone's size and position (in pixels), its rotation (in degrees) and transition animation (choose from one of several effects).
  - The **Background** setting is set to black by default. You can select any color or upload images for your template backgrounds. Background images are not retrieved from the content library. They must be uploaded into the template designer where they will be stored. To use them, click the tab, then click the image to apply. Background images re-size (stretch) to fill the entire template. To change the background, click anywhere on the background area then either select a color or different image by clicking it.
  
3. **Tool bar:** Template name field, width, height, duration type, duration time, zoom view, snap, properties (once template has been saved).
  - Templates must be assigned a name before they can be saved to the content library.
  - The template size will match the screen resolution for the player's in the currently selected group. If the group contains players with different screen resolutions, the highest resolution will be used. If the display orientation is portrait, the template will appear in portrait mode in the designer. Note that dimensions can be overridden by the user, if necessary.
  - The duration is set to **MANUAL** (uses the duration time, default is 15 seconds) as long as the template contains static content. When multiple content items, or content with a duration longer than 15 seconds is added, the duration will switch to **AUTOMATIC** and it will match the total duration of all the content added to the template. You can switch it back to manual by clicking on the pull down menu, however, adding new content will switch the setting back to automatic.
  - The default duration is set to 15 seconds and can be changed either manually or by adding content with a longer duration.
  - The template view can be zoomed in or out using the slider. You can drag the slider with your mouse or click on each side of the indicator.
  - The **Snap** check box is where you deactivate/activate the snap to grid setting. Note: the grid is set to 5 pixels and this value cannot be changed.
  - Save your template and the next time you open it you will see the the **Properties** option appear to the right of the **Snap** check box. Select this option to access the **template properties** window. **NOTE: Template properties** are similar to other media properties in VIDEOSTAR.
  
4. **Save / Cancel / X:** Click the desired option.

- Only named templates can be saved.
- Save your work periodically. Closing the browser tab, window or clicking the browser back button, will log you off and you will lose any unsaved work.
- Clicking **Cancel** before naming/saving your template will have the same effect. The template designer window will close and your work will not be saved.

#### 5. **Layers, zones and data:** Top layer images, playlist zones, media zones, data feed manager.

- Top layer images will always appear on the top layer. Top layer images are not retrieved from the content library. They must be uploaded into the template designer where they will be stored. To access them, click the **Top layers** tab, then drag and drop the image into the template area. Top layer images will overlap any other content on the template. They always appear on top.
- Playlists can be dragged and dropped anywhere on the template area. This will create a playlist zone. Playlist zones can be re-positioned and resized using the mouse or by changing the values (width, height, X, Y) under the **Zone** tab on the left side of the designer screen. You can add as many playlist zones as you want. Playlist zones can touch but cannot overlap. You can assign multiple playlist to a zone by dragging and dropping their symbol into any zone. Content assigned to the referenced playlists will play in the zones according to the playlist properties. **NOTE:** A playlist assigned to one or more template zones cannot be used for scheduling content. The reverse is also true.
- Media items can be dragged and dropped anywhere on the template area. This will create a media zone. Media zones can be re-positioned and resized using the mouse or by changing the values (width, height, X, Y) under the **Zone** tab on the left side of the designer screen. You can add as many media zones as you want. Media zones can touch but cannot overlap. You can assign multiple media items to any media zone by dragging and dropping their symbol into a zone.
- The **Data Feed Manager** is used to configure feeds and assign feeds to individual data fields or data grids (tables).

#### Important considerations

- Text boxes, time, date, geometric shapes, top level images and data (data grids and data fields) can overlap any other template element, including playlist and media zones.
- Playlist and media zones cannot overlap. If any of these zones overlap you will not be able to save your template until the overlap is resolved.

## Manipulating zones

Right click on any zone to bring up the options menu:

- **Bring to front:** Moves the zone to the top layer.
- **Send to back:** Moves the zone to the last layer above the background. You can't move a zone behind the background layer.
- **Bring forward:** Moves the zone up by one level.
- **Send backward:** Moves the zone back by one level.
- **Lock:** Locks the zone so it can't be moved or resized using the mouse. You can still modify the **size** and **position** values in the **ZONE** fields.
- **Copy:** Sends a copy of the currently selected zone(s) to the clipboard.



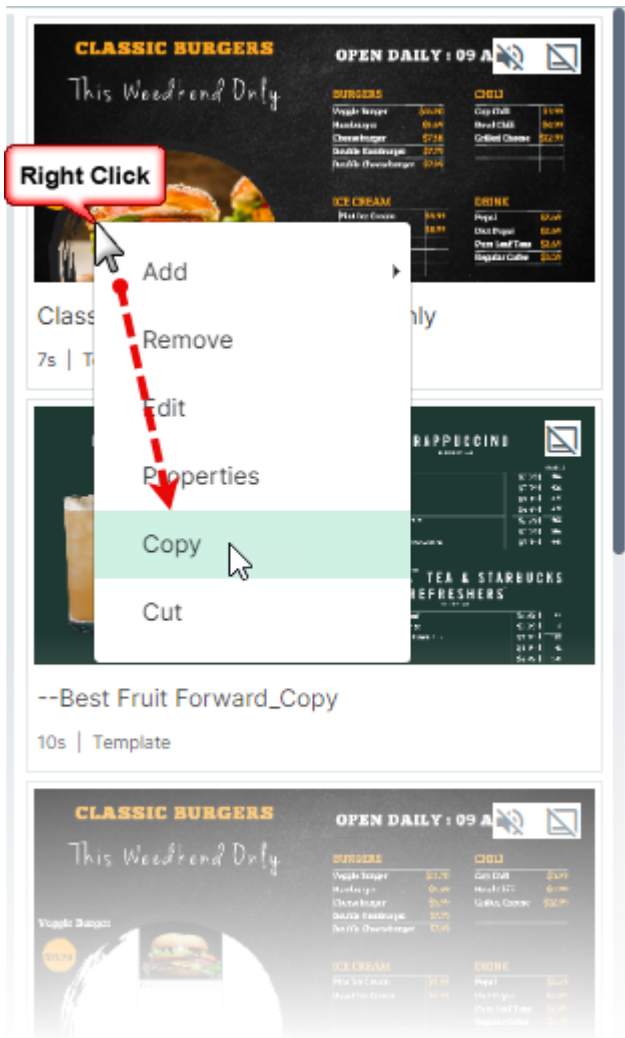
- **Paste:** Pastes a copy of the currently selected zone(s) to the template.
- **Remove:** Deletes the selected zone(s).

To save time when copying and pasting multiple zones, select each one as you hold down the **Control (Ctrl)** key. Then, right click the last selected zone while still holding down the **Control (Ctrl)** key and choose **Copy**. When you select **Paste**, all previously selected zones will be pasted into the working area. Note this method also works for deleting (removing) multiple zones.

## Duplicating templates

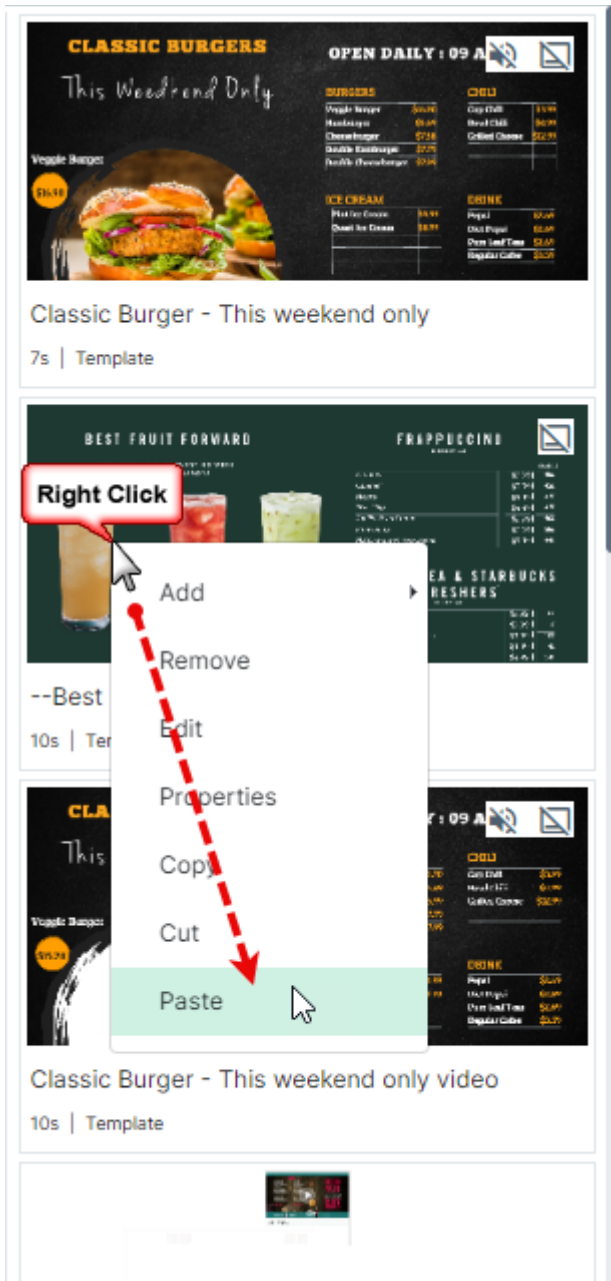
To duplicate a template, right-click it and select **copy > paste**. You can duplicate templates within the same folder or between folders.

The duplicate version will have the same name as the original with the suffix **\_Copy**. You can rename the duplicate or use it as-is.



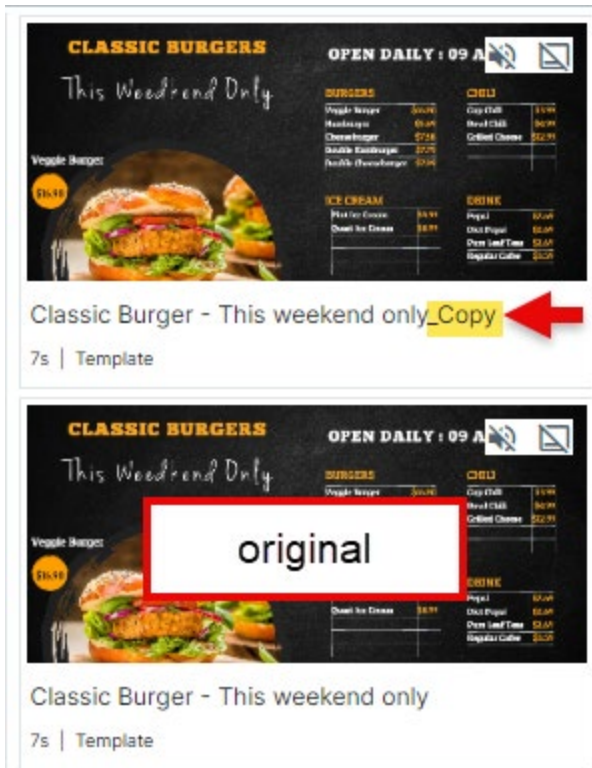
To paste a template, be sure to right-click in between thumbnails or in an empty area of the content library window.





The duplicate template name will appear with the extension **\_Copy**.

You can edit and rename the duplicate template as required.



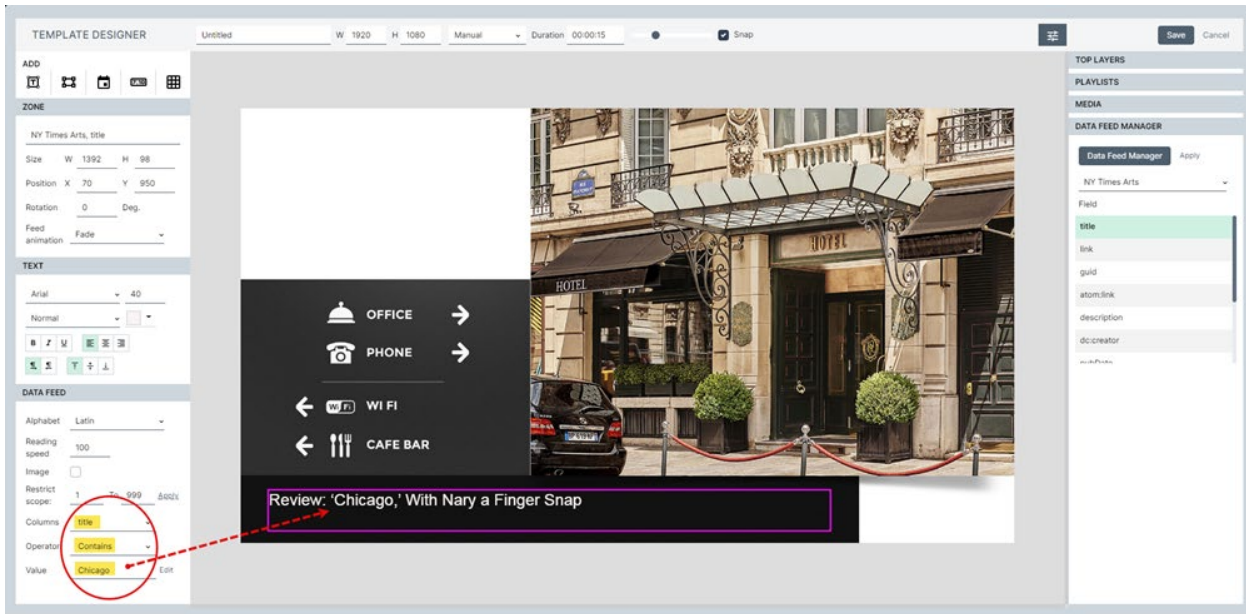
## Lookup (Columns/Operator/Value settings)

Use the lookup feature when you only want to show specific information contained in a VIDEOSTAR supported data feed.

Lookup can be accessed in two places. In the **Template Designer**, and in the **Data Feed Manager**.

Lookups are essentially filters that you create for the currently selected data feed. For example, you could create a filter that will only show news items that contain a specific word (ex. "Chicago"). When you set up a lookup filter, only the items that match the filters will show up on screen.

## Configuring a lookup filter in the Template Designer



## Norway

FEED MANAGER		NY Times Arts			
<b>NEW FEED</b>		1	At Ballet Theater, a Thrilling Puck and a Moment to Take Stock	https://www.nytimes.com/2c	https://www.nytimes.com
<b>DISPLAY OPTIONS</b>		2	Watching Britney Spears, as a Girl and a Woman	https://www.nytimes.com/2c	https://www.nytimes.com
Name	NY Times Arts	3	Tracing Treasures of Ancient Rome to a Village That Looted Its Own Heritage	https://www.nytimes.com/2c	https://www.nytimes.com
URL	https://rss.nytimes.com/	4	Robert Irwin Helped Us See the Light	https://www.nytimes.com/2c	https://www.nytimes.com
Referent	title	5	Matthew Perry Made It Look Easy	https://www.nytimes.com/2c	https://www.nytimes.com
Refresh	00:30:00	6	Review: 'Chicago,' With Nary a Finger Snap	https://www.nytimes.com/2c	https://www.nytimes.com
Restrict scope:	1 To 999	7	'Lempicka,' New Musical About Art Deco Artist, to Open on Broadway	https://www.nytimes.com/2c	https://www.nytimes.com
Columns	title	8	Book Review: 'The Vulnerables,' by Sigrid Nunez	https://www.nytimes.com/2c	https://www.nytimes.com
Operator	Contains	9	TV Shows and Movies to Stream Now	https://www.nytimes.com/2c	https://www.nytimes.com
Value	Chicago	10	... We Want to Hear from You.	https://www.nytimes.com/2c	https://www.nytimes.com
	<input type="checkbox"/> Image within a cell	11	Back-to-Back Premieres Defy a Season of Leaner Offerings	https://www.nytimes.com/2c	https://www.nytimes.com
	<input checked="" type="checkbox"/> Ignore html code	12	Meg Ryan on Her New Rom-Com, 'What Happens Later'	https://www.nytimes.com/2c	https://www.nytimes.com
<b>PREVIEW</b>		13	London City Ballet Is Revived, Nearly 30 Years After It Shut Down	https://www.nytimes.com/2c	https://www.nytimes.com
<b>COLUMNS</b>		14	Joey Evans Is Back. This Time He's a Struggling Artist.	https://www.nytimes.com/2c	https://www.nytimes.com
		15	Keith Giffen, Comic Book Maverick for DC and Marvel, Dies at 70	https://www.nytimes.com/2c	https://www.nytimes.com
		16	Revising a Best Selling Romance Novelist Proves a Challenge	https://www.nytimes.com/2c	https://www.nytimes.com

The value "None" is the default. When this value is selected, there are no filters and all the data will be shown according to the parameters you decide (for example, restrict scope).

- When you click on this field, you can select any of the columns in your data feed. This will be the column on which we will apply the filter. In the illustration above, we selected the **Title** column.
- Two more fields will appear.
  - **Operator:** Select one of the following operators.
    - Contains
    - Contains data
    - Does not contain data
    - Ends with
    - Starts with
    - Greater than
    - Greater or equal to
    - Lower than
    - Equals
  - **Value:** Enter the value for this operator. In this example, selecting "**Contains**", "**Chicago**" would exclude any record that does not have the word "**Chicago**" in its **Title** column. Note, this will not change the information you see in the **Data Feed Manager**. Only the information shown on your screens will be filtered when the template is shown.

Columns    title    ▾

---

Operator    Contains    ▾

---

Value    Chicago    Edit

Image within a cell

Ignore html code

- You can edit previously configured filters by clicking the **Edit** button.

Columns    title    ▾

---

Operator    Contains    ▾

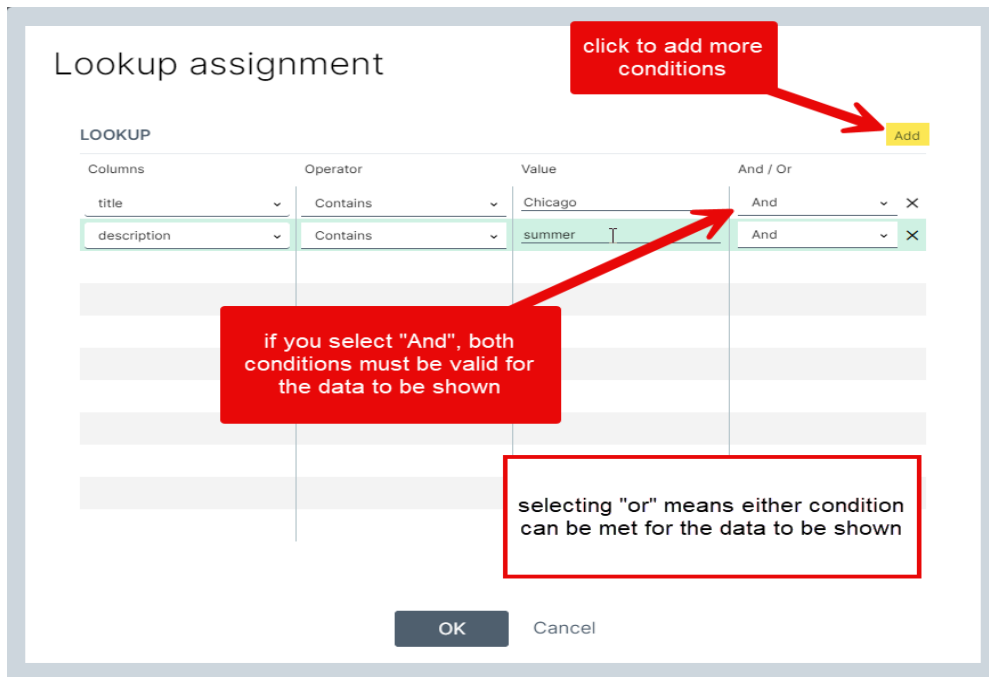
---

Value    Chicago    Edit

Image within a cell

Ignore html code

- Click this button to open the **Lookup assignment** window.
- You can modify an existing filter or create more complex filters with multiple conditions using the And/Or operators.
- Click **Add** to add additional conditions to fine-tune your results.



## Auto Save feature

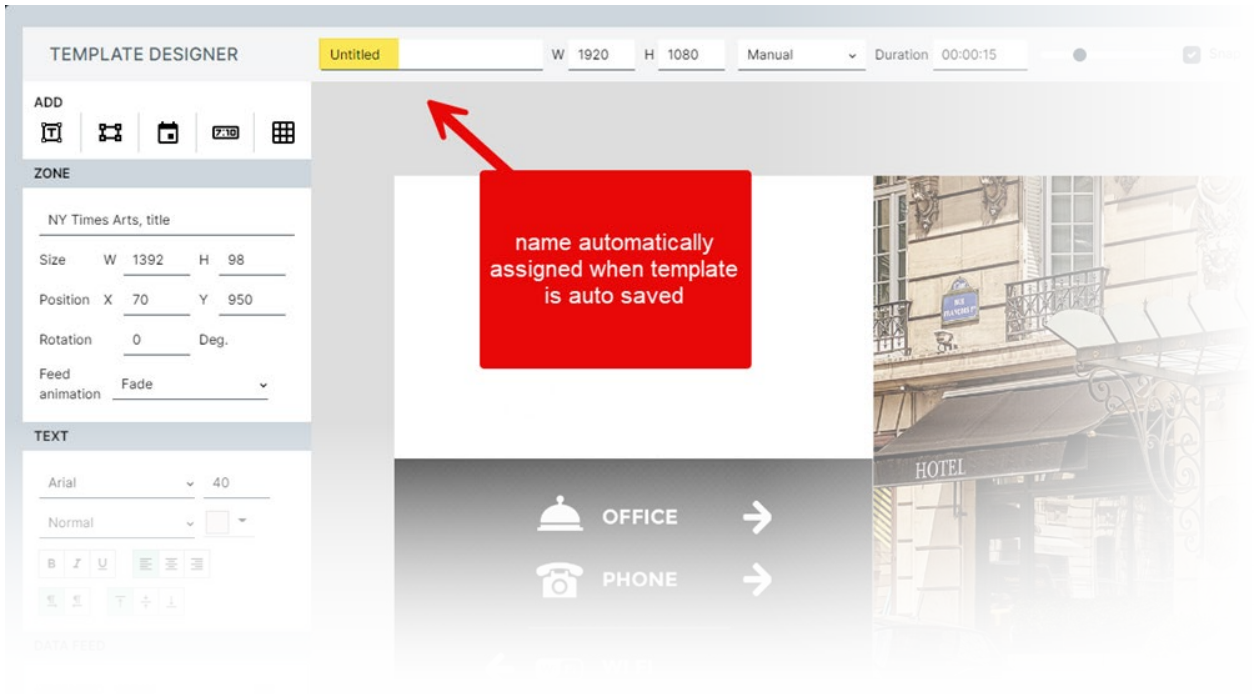
Templates and tickers auto save every minute.

The latest changes are automatically saved in case you close the browser/tab without saving your work.

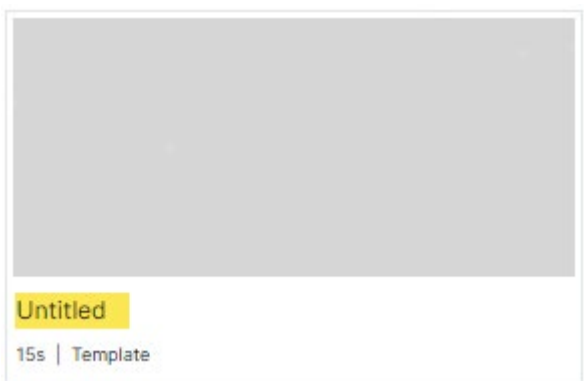
## Template designer behavior

- Unnamed templates will be saved as "**Untitled**".

As seen in the **Template Designer**:



As seen in the **Content Library**:

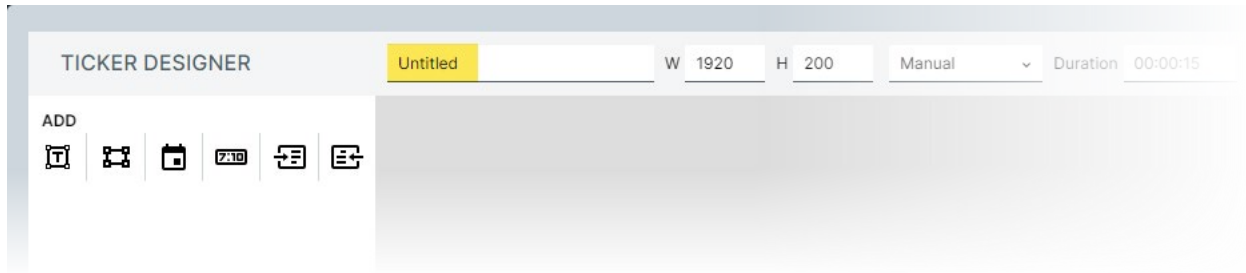


- Named templates will be auto saved under their respective names.
- The template will be saved in the currently selected **Content Library** folder.

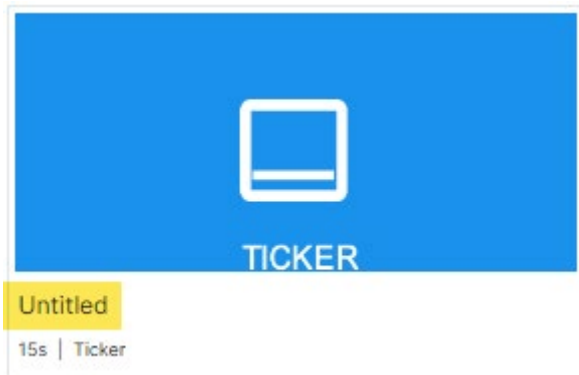
## Ticker designer behavior

- Unnamed tickers will be saved as "**Untitled**".

As seen in the **Ticker Designer**:



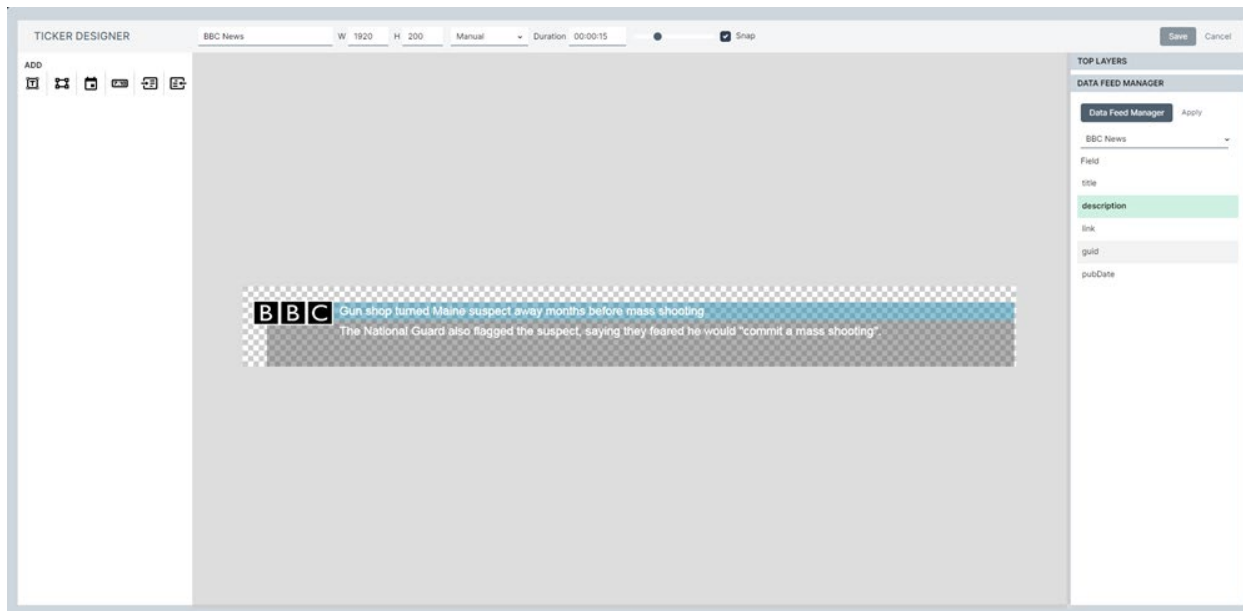
As seen in the **Ticker** folders:



- Named tickers will be auto saved under their respective names.
- The ticker will be saved in the currently selected folder (**Published** or **Not published**).
- **NOTE:** If the ticker is auto saved in the **Published** folder, it will start appearing on your screen the next time someone clicks the **PUBLISH** button or when the players synchronize with the server overnight.

## Ticker Designer tour

The **Ticker** designer is used to create a variety of custom overlays, such as:



- News text crawls
- Sports scores
- Financial news and stock prices
- Current weather and forecasts
- And many others designs...

## Supported content

Tickers support the following content:

- Typed-in text
- Geometric shapes (rectangles, ellipses)
- Current date
- Current time
- Data fields – RSS, MediaRSS, XML, Twitter, Facebook, Google Calendar
- Image overlays (logos, transparent PNG images)

You can add any number of the content listed above to any ticker.

## Supported layouts

The ticker width automatically adapt to the player's screen settings, including different screen orientations (portrait or landscape). Multiple displays are also supported. With multi-display layouts, you can create designs that span all available displays or be positioned on individual displays. Ticker size can also be modified to cover the entire screen area so you can position various elements anywhere.

## Differences between tickers and templates

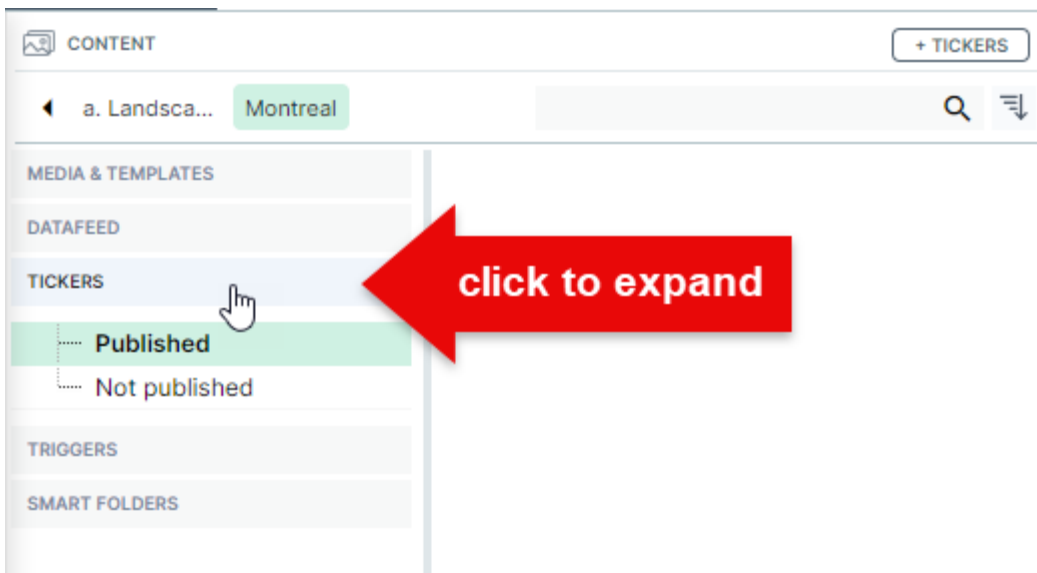


Tickers are overlays that appear on top of any content displayed on screen. This includes all supported content types, and templates. You don't schedule tickers like any other content. You publish tickers and they will appear on screen for as long as there is scheduled playlists. You can also assign tickers to specific playlists.

Tickers can be disabled for the duration of any content or template in the content library.

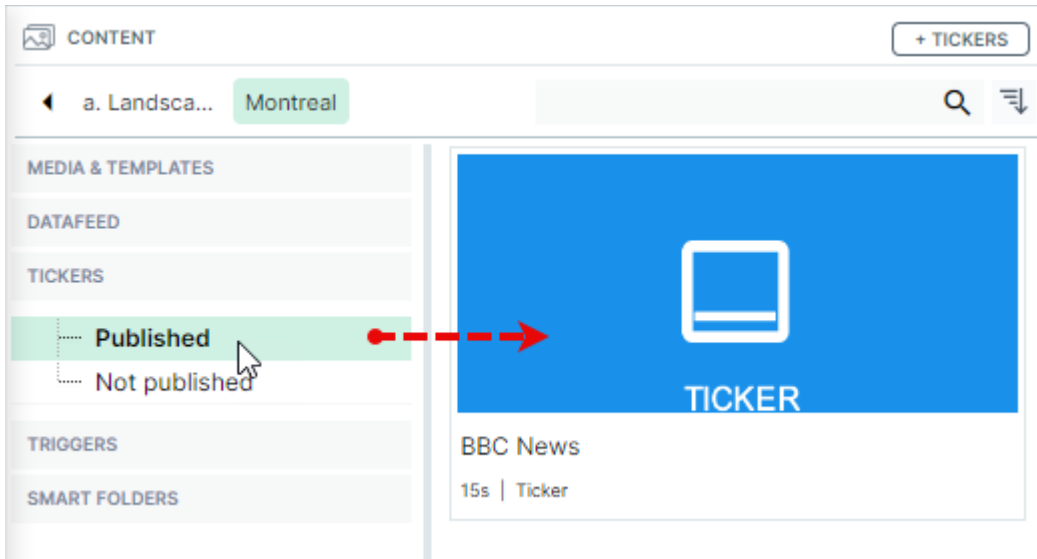
### *Creating a new ticker*

Click the **TICKERS** tab to expand the selections.



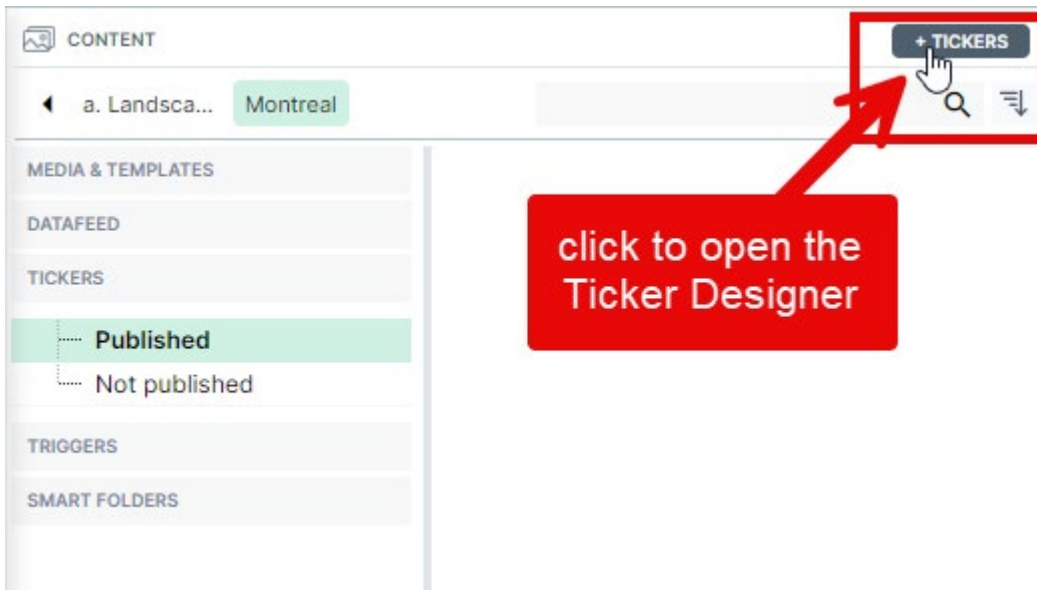
Click the desired option.

- Select **Published** to create a ticker that will be published to your players.
- Select **Not Published** to create a ticker that will be saved for later use.

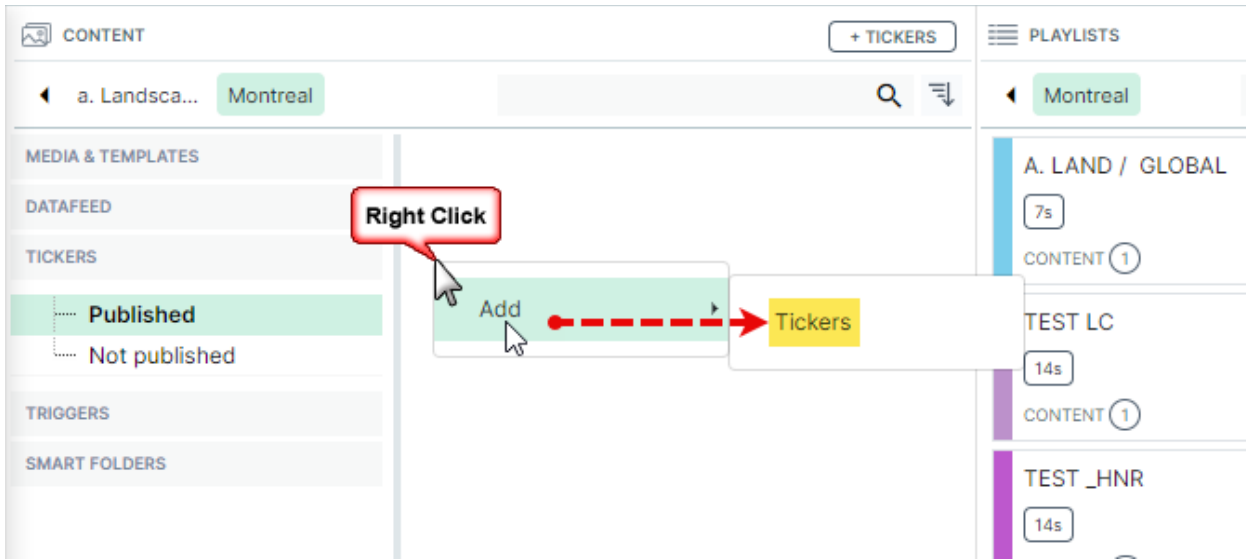


Once you selected the appropriate folder, you have one of two options:

Click the **+TICKERS** button at the top right of the **Content Library** window...



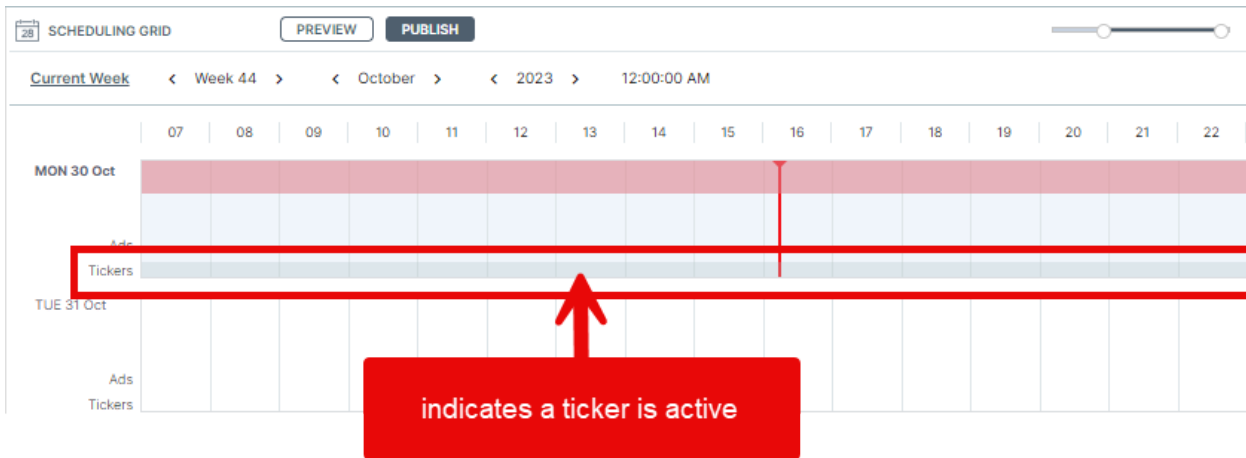
...or you can right-click in one of the **Tickers** folders and select **Add > Tickers**.



When you add a new ticker in the **Published** folder, the ticker will show up on your player's screen next time you publish.

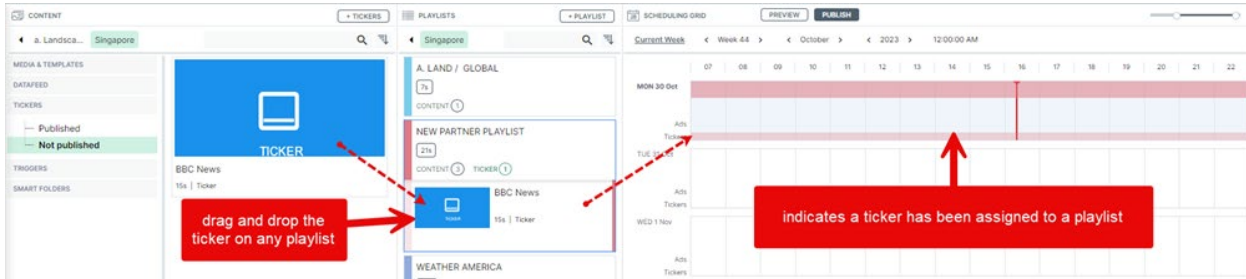
Tickers assigned to the **Tickers > Published** folder will appear on screen any time a playlist is scheduled.

Published tickers appear as a gray band in the scheduling grid along the bottom of each day and their duration will match the time slots in the grid.



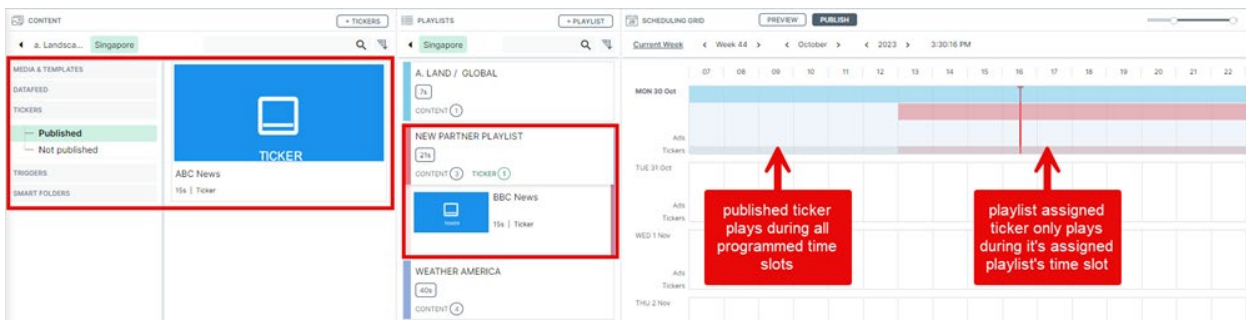
**Please note:** Tickers can also be assigned to specific playlists. When this happens, the ticker indicator band in the scheduling grid will match the color of the playlist's time slot.

To assign one or more tickers to a playlist, simply drag and drop them onto any playlist. The playlist will switch to "Ticker" view and a matching indicator band will appear in the **Scheduling Grid**.



### "Hybrid" Ticker Programming

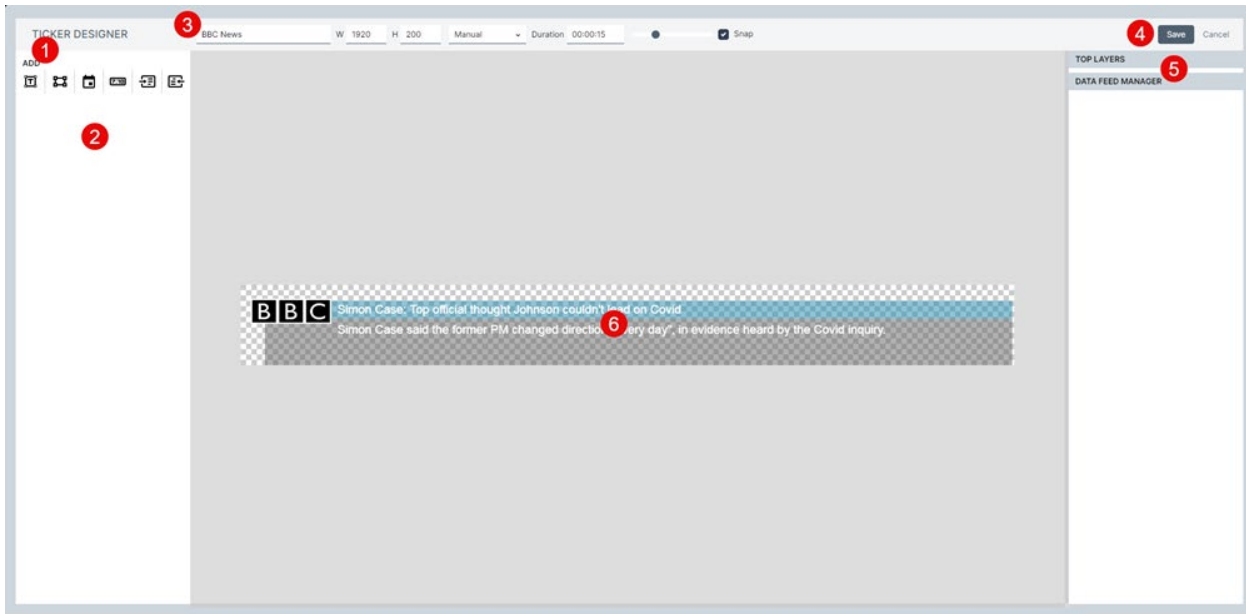
You can program a mix of published tickers that will be shown on screen during any playlist's time slot, and tickers that have been assigned to specific time slots. When this happens, all the tickers will play according to their assigned roles. When the schedule transitions to a playlist with no assigned ticker, only the published ticker will be shown.



If you add the ticker to the **Not published** folder, the ticker will be saved but will not play (unless it has been assigned to a specific playlist). Think of this folder as a storage area for your tickers when they are not used.

To un-publish a ticker, remove it from the **Published** folder. If you want to keep a backup copy, simply copy and paste the ticker into the **Not published** folder before deleting it from the **Published** folder.

## Quick tour of the ticker designer interface



1. **ADD:** Text box, geometric shape, current date, current time, next content playing, coming next.
  - Selecting one of these items will add it to the stage area (#6).
  - Items are laid out on their own layer. Items can be reordered forward or backward as needed.
  - The **New content playing** and **Coming next** items are data fields that you can reposition in the ticker area. The new content playing field will show the name of the media currently shown on screen, behind the ticker. The coming next field will show the name of the next content in the currently scheduled playlist. The text can be customized (font, typographic controls, color...).
2. **Item Properties:** Zone, text, date & time, data feed, shape.
  - Each time you click on an item, a series of properties will expand so you can access and modify them. For example, clicking on a text box will expand the **Zone** and **Text** properties so you can change their parameters.
  - Different items have different types of properties. For example, you can set a zone's size and position (in pixels), its rotation (in degrees) and transition animation (choose from one of several effects).
  - The ticker background is always transparent. To add an opaque background, create a geometric shape that matches size of the ticker area.
3. **Tool bar:** Ticker name field, horizontal size, vertical size, duration setting, duration time, zoom view, ticker properties.
  - Tickers must be assigned a name before they can be saved to their respective folders.

- The Ticker size will match the width of the player screen in the currently selected group. If the group contains players with different screen resolutions, the highest value will be used. If the display orientation is portrait, the ticker will appear in portrait mode in the designer. Note that dimensions can be overridden by the user. Setting the ticker size to match the screen will let you position ticker elements all over the screen. Otherwise the ticker will be set to a height of 200 pixels, and the ticker will appear at the bottom of the screen,
- The duration is set to **MANUAL** (uses the duration time, default is 07 seconds) as long as the template contains no data. When RSS feeds or other data feeds are added, the duration will switch to **AUTOMATIC** and it will match the time required to display all the data in the feed. You can switch this back to manual by clicking on the pull down menu.
- The default duration is set to 7 seconds and can be changed either manually or by adding a data feed to the ticker.
- The ticker view can be zoomed in or out using the slider. You can drag the slider with your mouse or click on each side of the indicator.

4. **Save / Cancel:** Click the desired option.

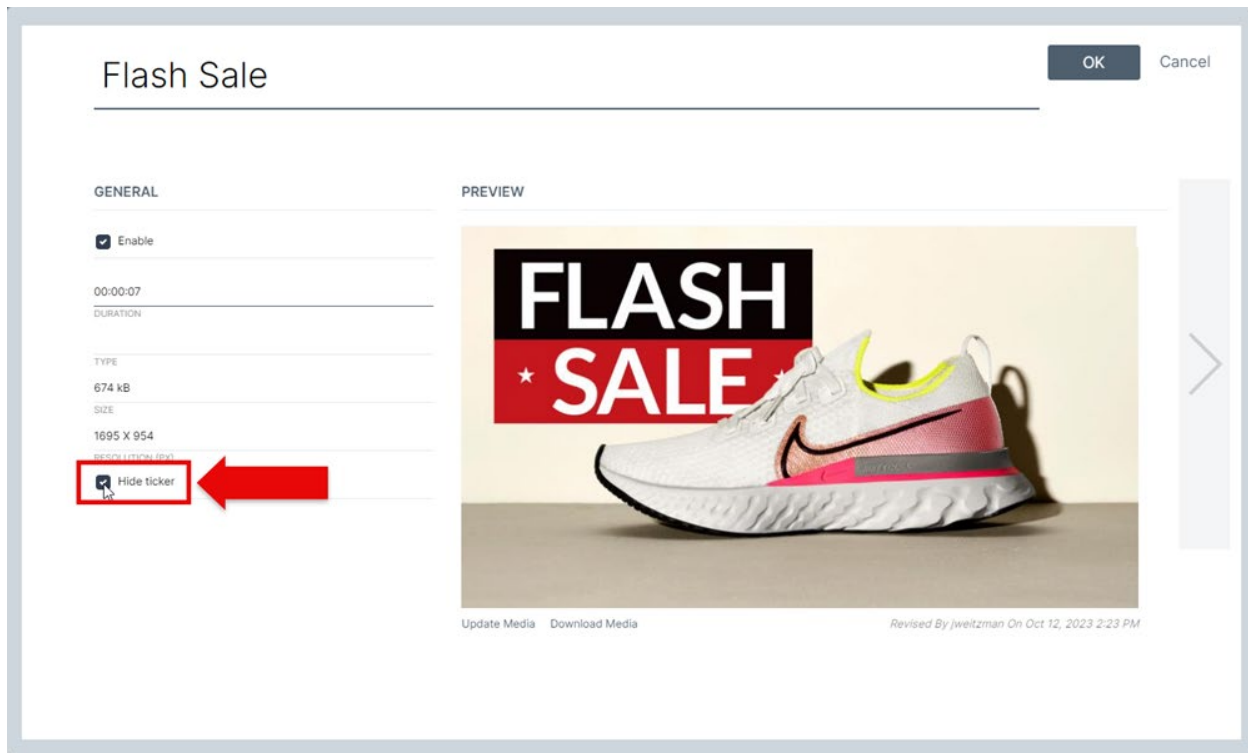
- Only named tickers can be saved.
- Save your work periodically. Closing the browser tab or window, clicking the browser back button, will log you off and you will lose any unsaved work.
- Clicking **Cancel** or **X** have the same effect. The ticker designer window will close and your work will not be saved.

5. **Layers, zones and data:** Top layer images, data feed manager.

- Top layer images will always appear on the top layer. Top layer images are not retrieved from the content library. They must be uploaded into the template designer where they will be stored. To access them, click the **Top layer** tab, then drag and drop the image into the template area. Top layer images will overlap any other content on the template. They always appear on top.

## Important considerations

- Text boxes, time, date, geometric shapes, top level images and data fields can overlap.
- Be sure to save your work periodically.
- If you have multiple tickers in your published folder or assigned to playlists, the tickers will play in sequence and cycle continuously.
- Tickers can be hidden temporarily by selecting the **Hide ticker** option in the media or template properties (see below).  
Once the content has finished playing, the ticker will reappear on screen.



## Manipulating zones

Right click on any zone to bring up the options menu:

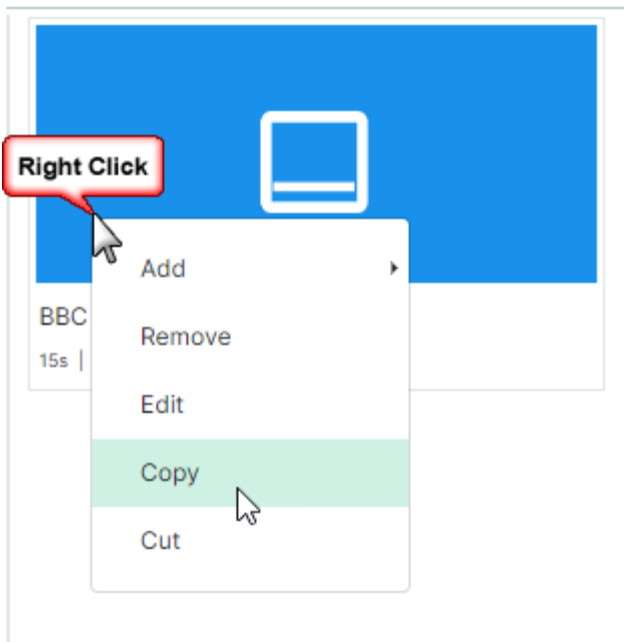
- **Bring to front:** Moves the zone to the top layer.
- **Send to back:** Moves the zone to the last layer above the background. You can't move a zone behind the background layer.
- **Bring forward:** Moves the zone up by one level.
- **Send backward:** Moves the zone back by one level.
- **Lock:** Locks the zone so it can't be moved or resized using the mouse. You can still modify the **size** and **position** values in the **ZONE** fields.
- **Copy:** Sends a copy of the currently selected zone(s) to the clipboard.
- **Paste:** Pastes a copy of the currently selected zone(s) to the template.
- **Remove:** Deletes the selected zone(s).

To save time when copying and pasting multiple zones, select each one as you hold down the **Control (Ctrl)** key. Then, right click the last selected zone while still holding down the **Control (Ctrl)** key and choose **Copy**. When you select **Paste**, all previously selected zones will be pasted into the working area. Note this method also works for deleting (removing) multiple zones.

## Duplicating tickers

To duplicate a ticker, right-click it and select **copy > paste**. You can duplicate tickers within the same folder or between folders.

The duplicate version will have the same name as the original with the suffix **\_Copy**. You can rename the duplicate or use it as-is.



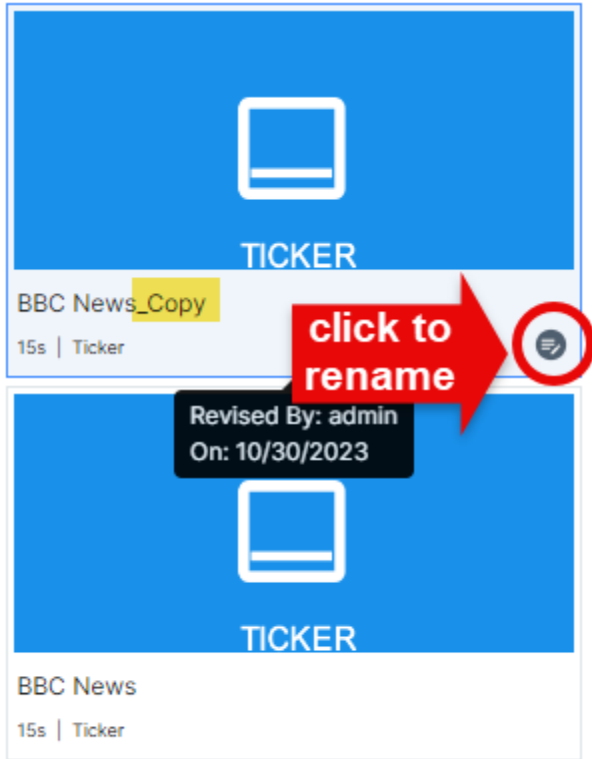
To paste a ticker, right-click in the right pane in either **PUBLISHED** or **NOT PUBLISHED** folders and select **Paste**.





The duplicate ticker name will appear with the extension **\_Copy**.

You can edit and rename the duplicate ticker as required.

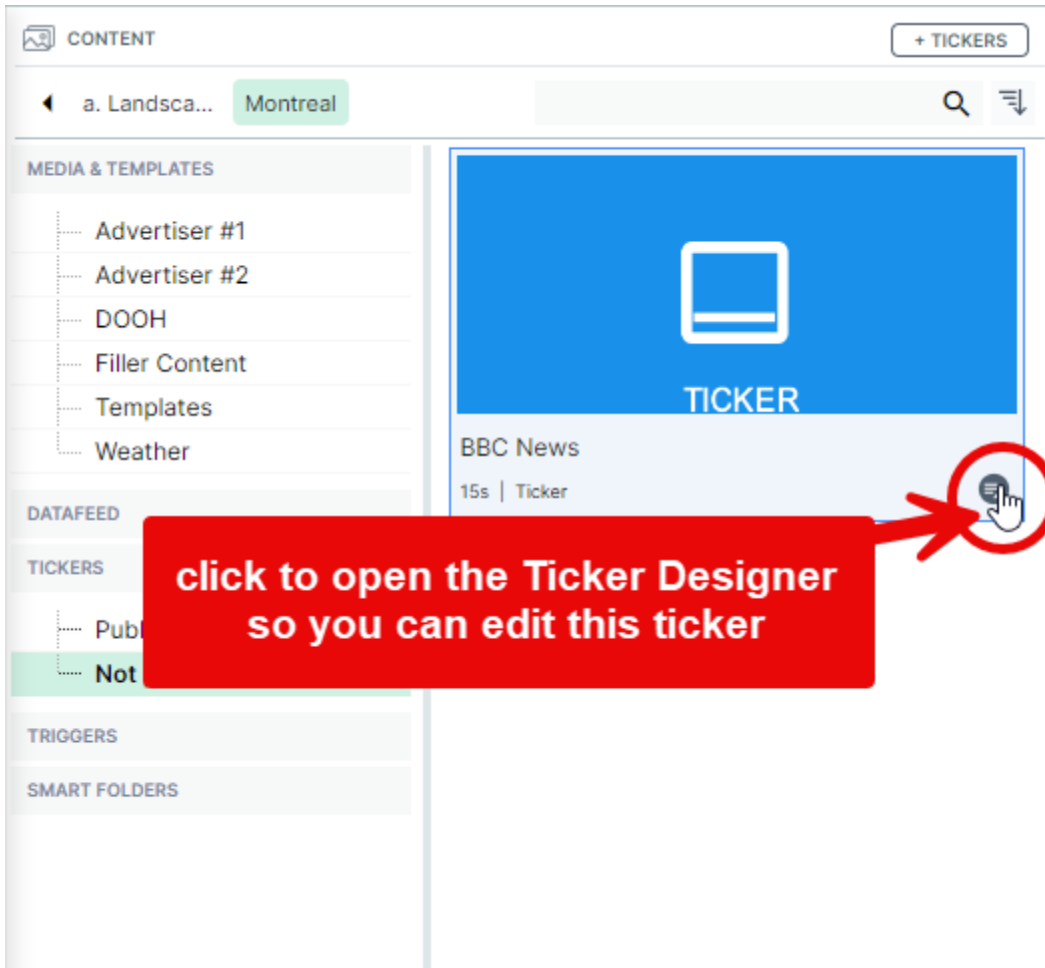


## Editing tickers

You can edit tickers in the following ways:

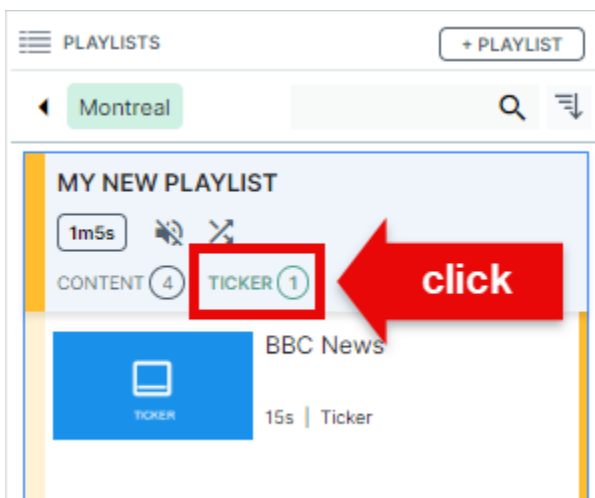
Editing via the Ticker folders

Hover your cursor above any ticker in the **Published** or **Not published** folders to show the **Edit Properties** button. Click the button to open the **Ticker Designer**.

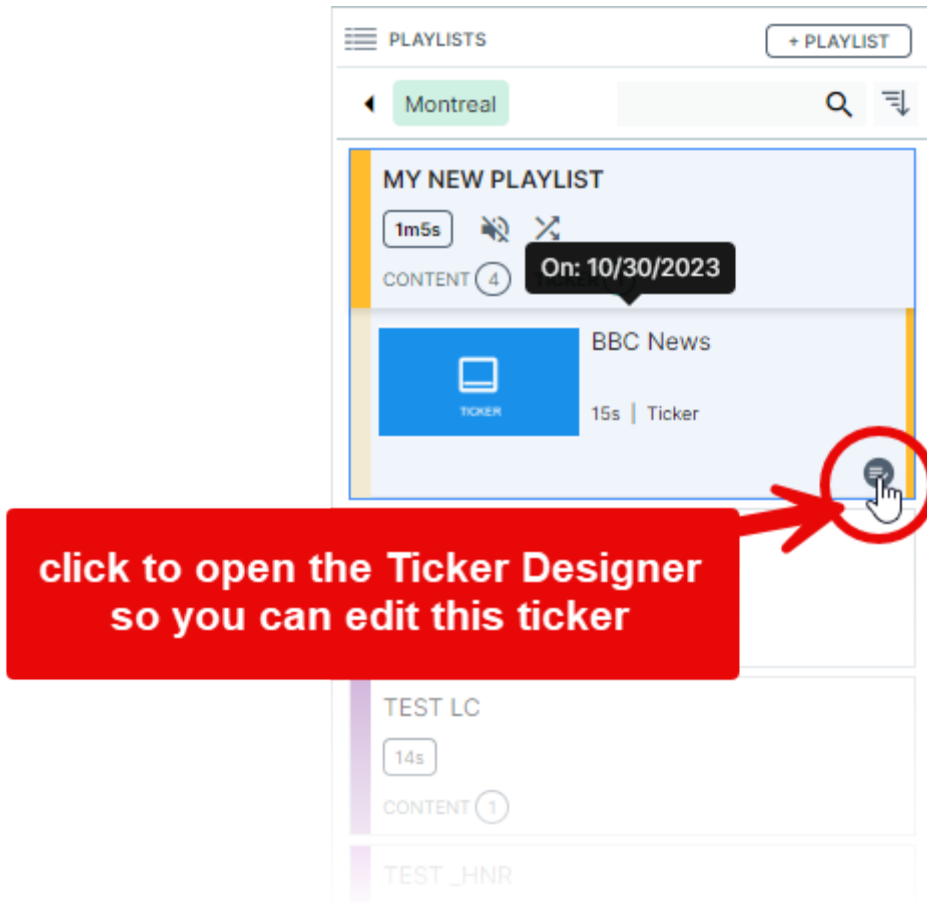


## Editing via the Playlist window

To edit a ticker associated with a playlist, first click the **Ticker** button to reveal the ticker(s).



Hover your cursor above any ticker to show the **Edit Properties** button. Click the button to open the **Ticker Designer**.



## Playing background audio

This new VIDEOSTAR Player add-on can play a background audio channel while rendering visual content on screen.

With this feature, VIDEOSTAR will play background audio tracks and playlists simultaneously (but only while the playlist content is muted).

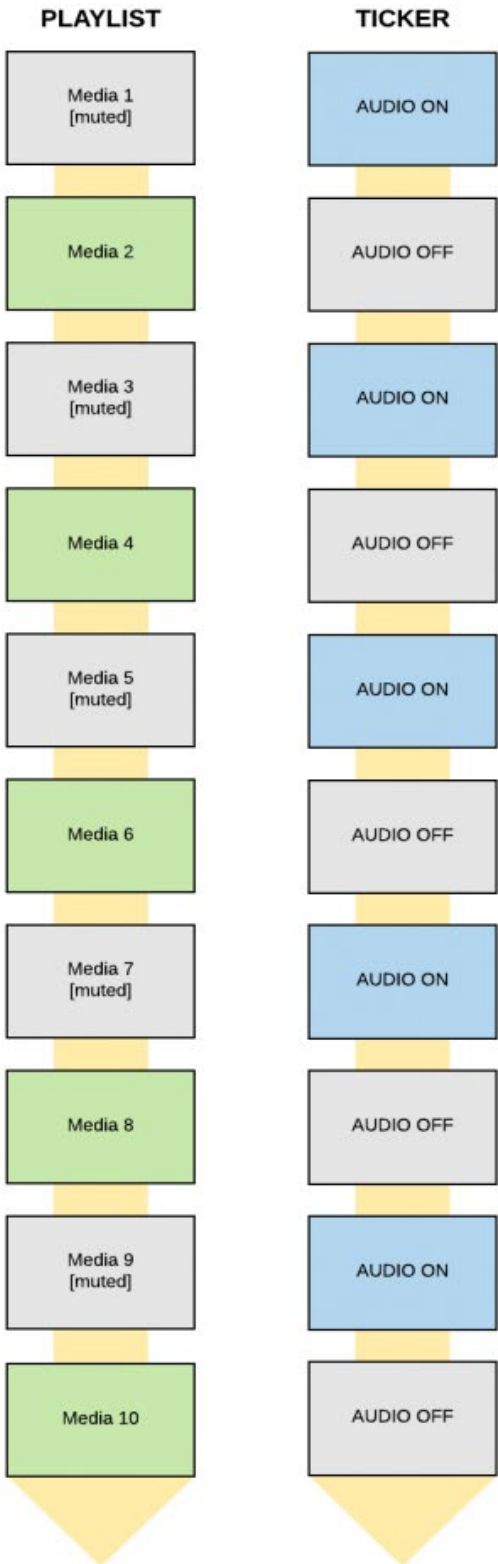
Potential uses: background music for retail businesses, elevators and other public venues.

*NOTE: This feature is available for VIDEOSTAR Player Windows and Android.*

### How does this feature work?

Let's say you schedule a playlist with 10 videos (5 of which are muted) and program a background audio track in a ticker. The background audio track will play whenever a muted video is shown on screen, and the audio track will

pause each time VIDEOSTAR plays an un-muted video. There will be a one second fade-in / out each time the background audio is interrupted and resumed. This feature supports mp3 audio files.



Ticker audio content only plays when playlist content audio is muted.

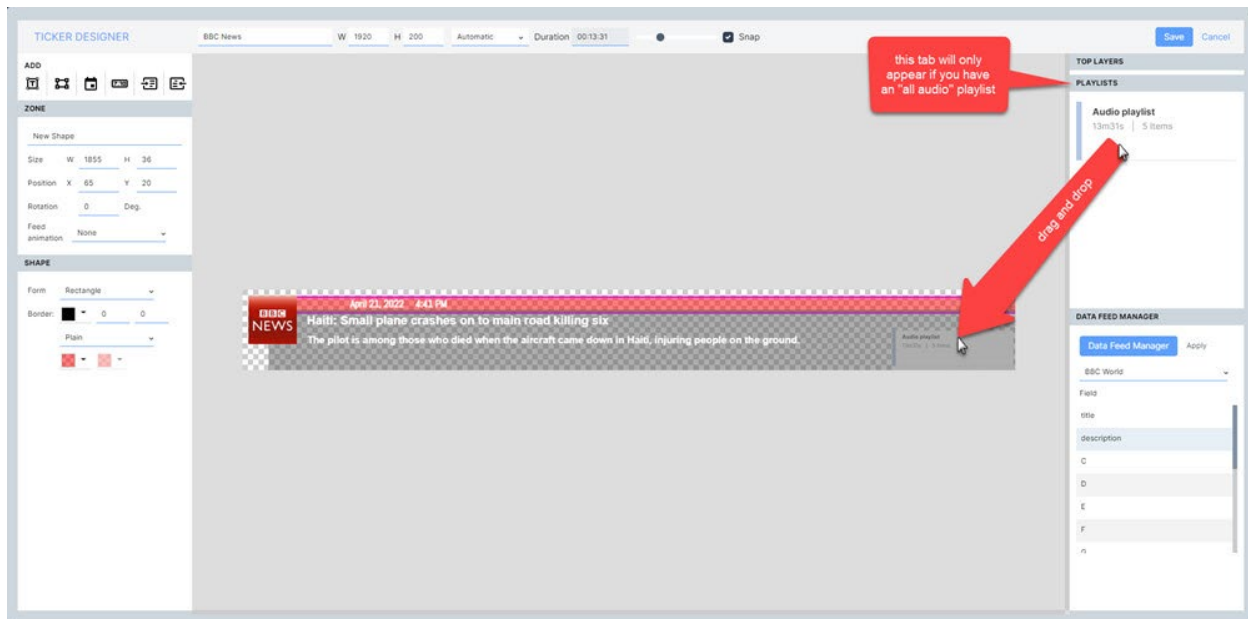
When playlist content audio is on, ticker audio is automatically muted.

Ticker audio fades in/out each time it switches mode. Audio fade duration is one second.

## How to configure background audio in the Ticker Designer

Before you begin, make sure you have a playlist that contains all your audio content (essentially, MP3 files). Once you have created and populated the audio playlist, launch the **Ticker Designer** and you will see a new tab on the right side called **PLAYLISTS**. This tab will only appear when there is at least one playlist that contains audio files.

To add a audio playlist to your ticker, drag and drop it anywhere into your ticker layout. You can resize this playlist zone and position it anywhere within the ticker area. This content will not show up on screen and only audio will play as long as the ticker is active (not suspended by a media or template) or if the content playing behind it is muted.

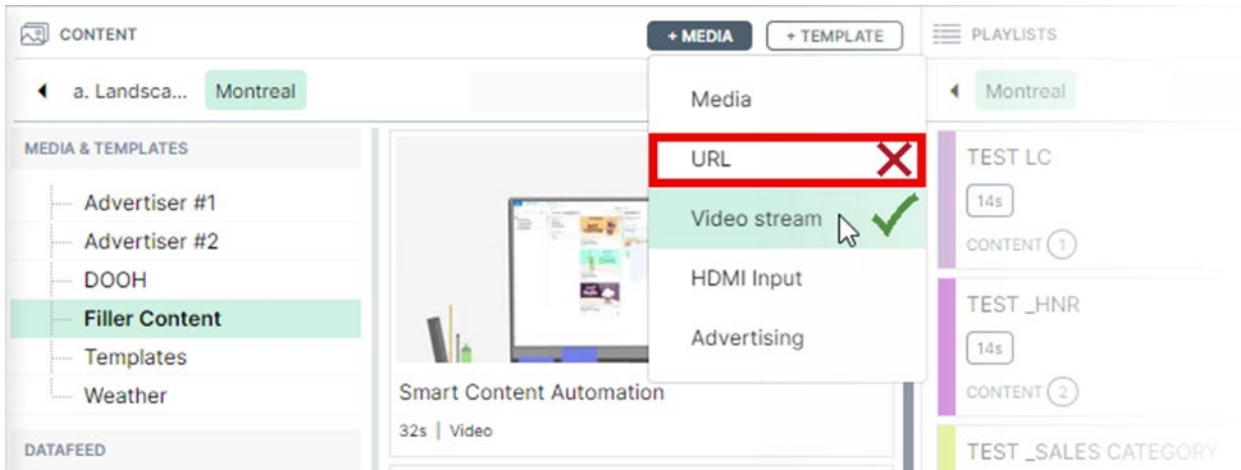


## Playing audio streams as background audio

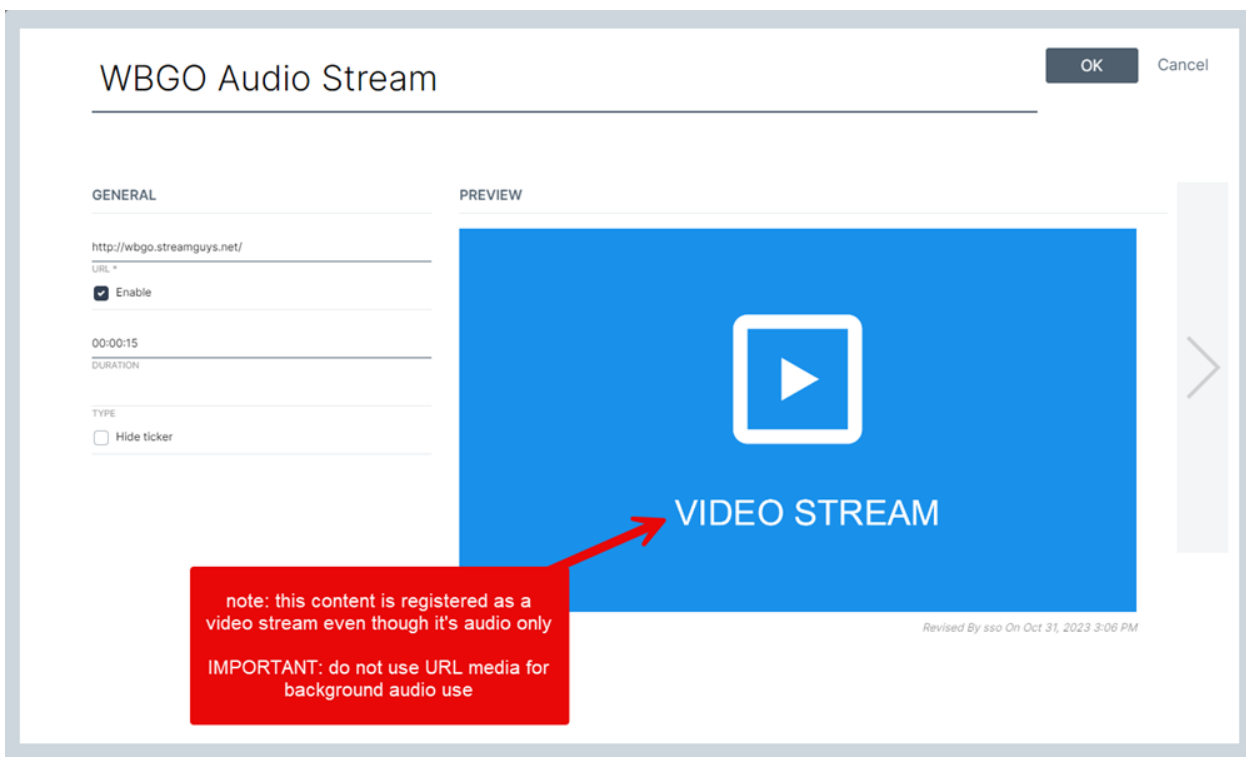
Users can play audio streams as background audio in their tickers.

The process is the same as when using MP3 files for background audio except in this case, you use a video stream media item programmed with the audio stream URL.

**IMPORTANT:** Do not use a URL media for this purpose. Use the **Video Stream** media option instead.



The example below shows a video stream URL which we will save and add to a background audio playlist.



## The Data Feed Manager

The **Data Feed Manager** is where you add, configure and remove data feeds.

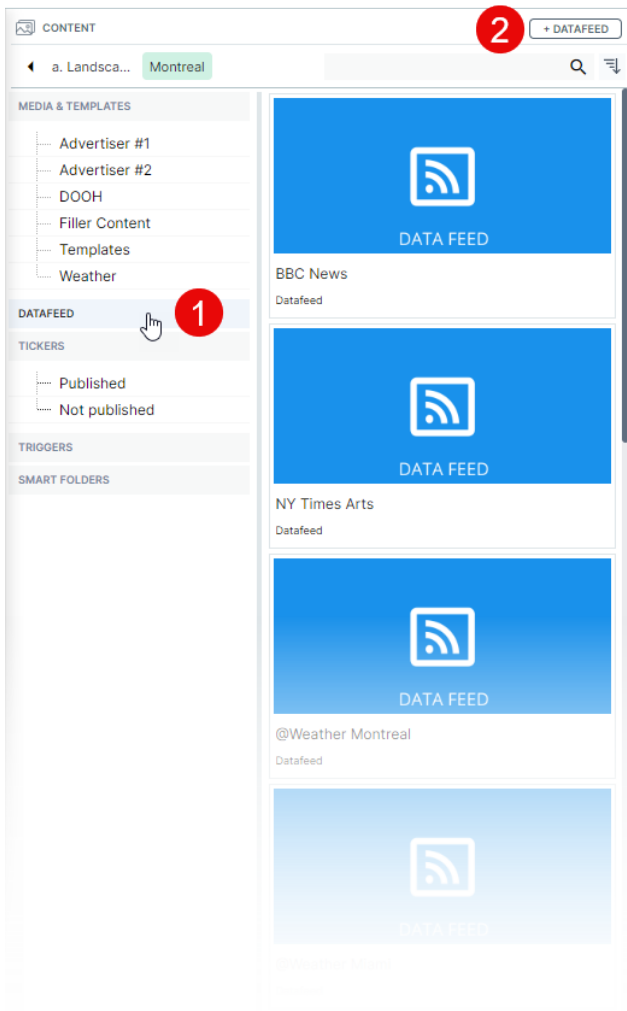
VIDEOSTAR Player supports the following types of data sources:

- RSS / XML / JSON\*
- Media RSS (with links to images)
- VIDEOSTAR Server hosted data feeds
- Twitter/X feeds

- Facebook feeds
- Google Calendar feeds
- Microsoft Exchange data feeds

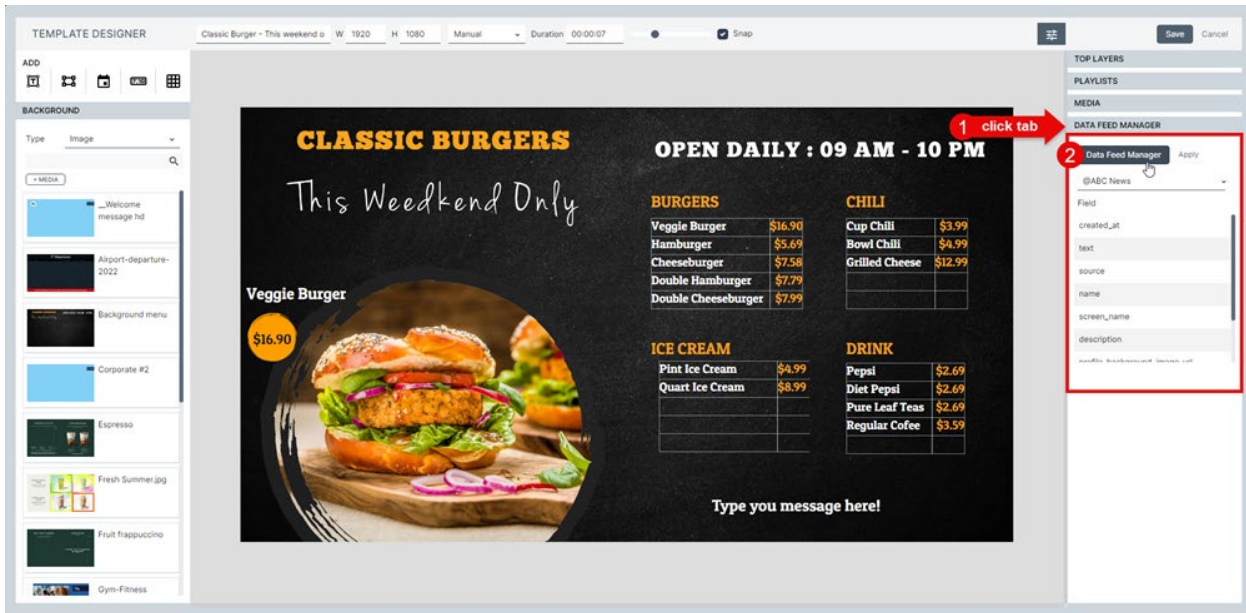
### Accessing the Data Feed Manager from the Content Library

1. Click the **DATAFEED** tab on the left side of the **Content Library**. All existing data feeds will appear on the right.
2. Click the **+DATAFEED** button at the top of the Content Library window to open the **Data Feed Manager** in new feed mode.



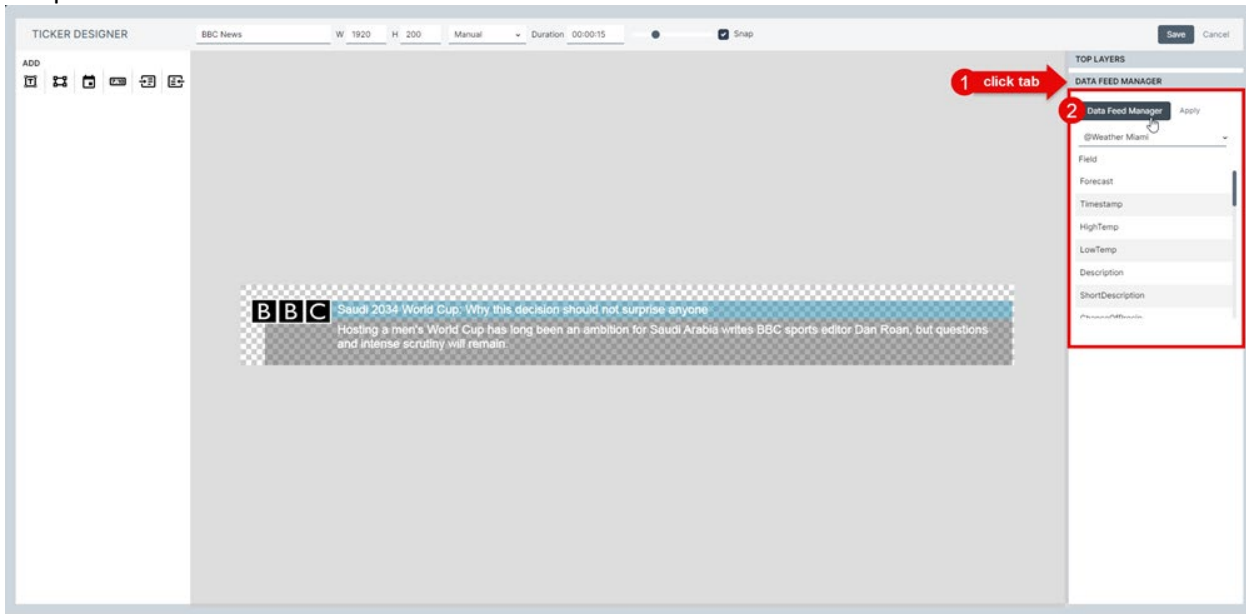
### Accessing the Data Feed Manager from the Template Designer

With the **Template Designer** open, click the **DATA FEED MANAGER** tab on the right. Click the **Data Feed Manager** button to open the DFM window:



## Accessing the Data Feed Manager from the Ticker Designer

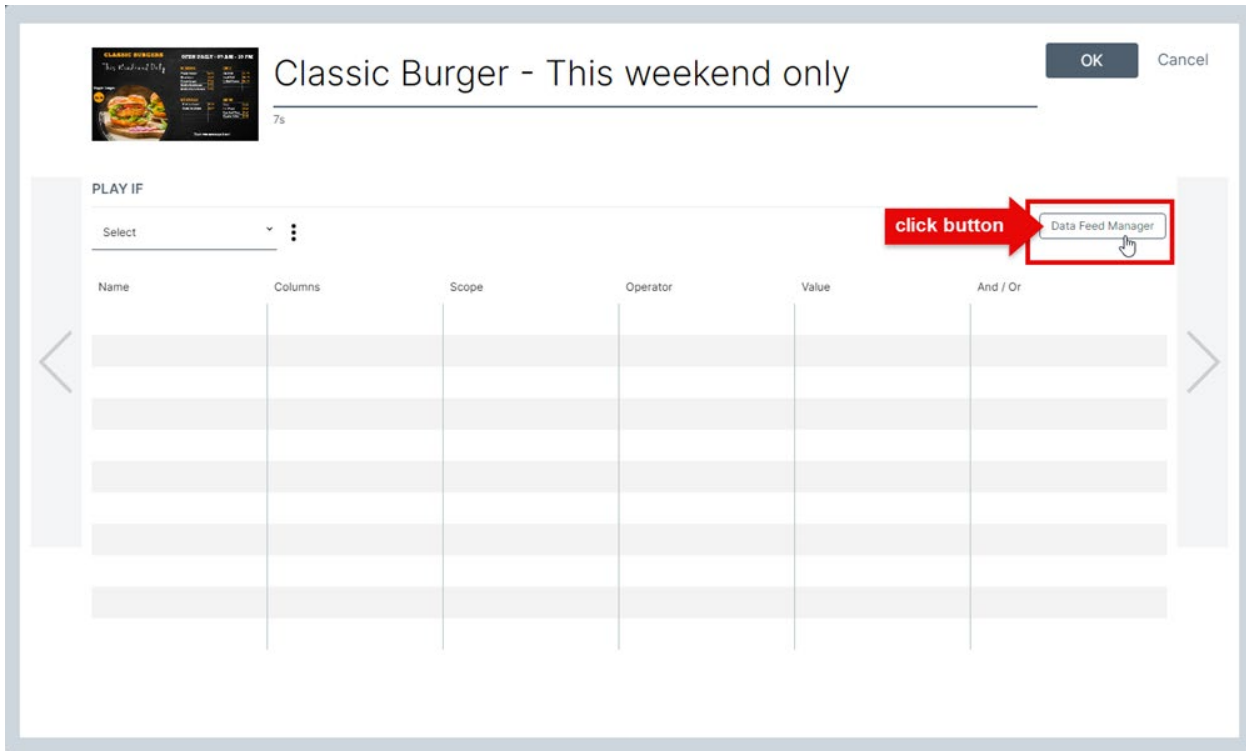
With the **Ticker Designer** open, click the **DATA FEED MANAGER** tab on the right. Click the **Data Feed Manager** button to open the DFM window:



Accessing the Data Feed Manager from the Content Properties (via Play If conditional playback)

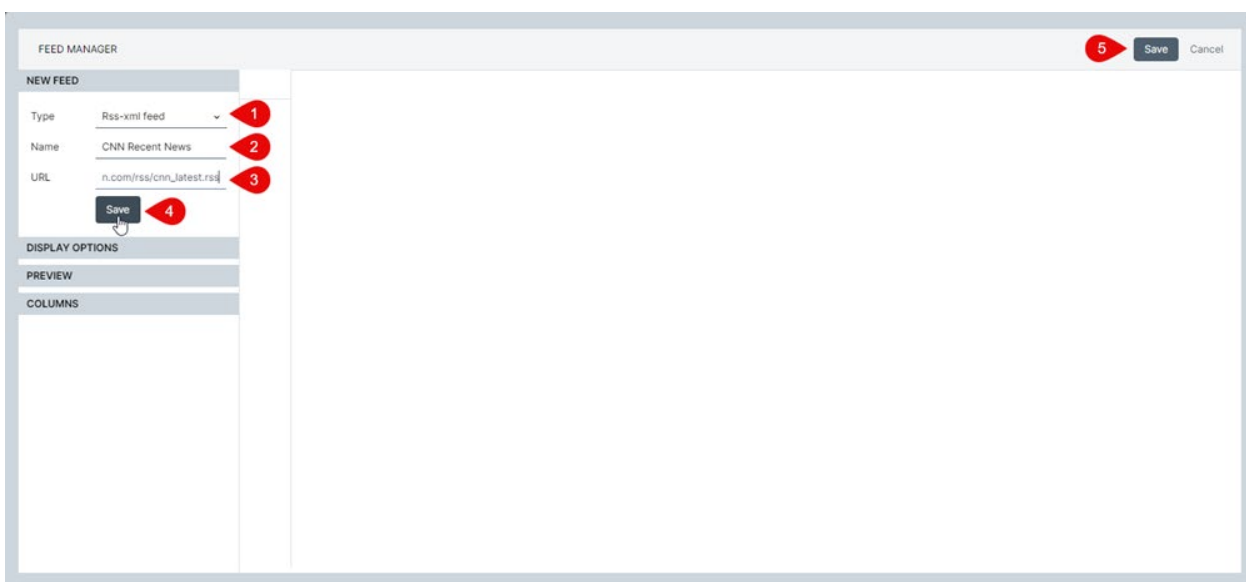
In any content or template **properties** (3rd screen), click the **Data Feed Manager** button:





## Data Feed Manager Tour

Accessing the Data Feed Manager from the +DATAFEED button (configuring a new data feed):



1. **New Feed Type:** Select the type of data feed you are configuring. Options are: RSS-XML, Server feed, Twitter / X, Facebook, Google Calendar, Microsoft Exchange.
2. **Data Feed name:** Enter a descriptive name for the new data feed.
3. **Options menu:** Paste or type the URL of the data feed source (note: not required for server data feeds)
4. **Save** your data feed's parameters. The data feed will be synchronized and its contents will be shown in the empty pane on the right.

FEED MANAGER

NEW FEED

DISPLAY OPTIONS

Name: CNN Recent News

URL: <http://rss.cnn.com/rss/ci>

Referent: title

Refresh: 00:30:00

Restrict scope: 1 To 999

Columns: None

Image within a cell

Ignore html code

Columns:

PREVIEW

COLUMNS

	title	description	link	guid	pubDate	media-group
1	Crisis in Gaza as Israel warns o	Israel says the next stage of wi	<a href="https://www.cnn.com/middlee">https://www.cnn.com/middlee</a>	<a href="https://www.cnn.com/middlee">https://www.cnn.com/middlee</a>	Tue, 31 Oct 2023 20:00:38 GM	
2	Jack Lew Fast Facts	Read CNN's Fast Facts about J	<a href="https://www.cnn.com/2013/01/">https://www.cnn.com/2013/01/</a>	<a href="https://www.cnn.com/2013/01/">https://www.cnn.com/2013/01/</a>	Tue, 31 Oct 2023 19:30:14 GM	
3	As antisemitism grows, so doe	Vlad Khaykin has dedicated his	<a href="https://www.cnn.com/2022/02/">https://www.cnn.com/2022/02/</a>	<a href="https://www.cnn.com/2022/02/">https://www.cnn.com/2022/02/</a>	Tue, 31 Oct 2023 18:46:36 GM	
4	Should you let Halloween be a	Whether it's concern over a su	<a href="https://www.cnn.com/2022/10/">https://www.cnn.com/2022/10/</a>	<a href="https://www.cnn.com/2022/10/">https://www.cnn.com/2022/10/</a>	Tue, 31 Oct 2023 10:40:52 GM	
5	She lost her mother to gun viol	Every morning since the schoo	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	Tue, 31 Oct 2023 10:39:30 GM	
6	Thai deaths in	Like his father Chumporn and c	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	Tue, 31 Oct 2023 04:23:30 GM	
7	October 30, 2023 - Israel-Ham	Israeli Prime Minister Benjamin	<a href="https://www.cnn.com/middlee">https://www.cnn.com/middlee</a>	<a href="https://www.cnn.com/middlee">https://www.cnn.com/middlee</a>	Tue, 31 Oct 2023 04:02:10 GM	
8	Iran Hostage Crisis Fast Facts	Read CNN's Fast Facts about t	<a href="https://www.cnn.com/2013/09/">https://www.cnn.com/2013/09/</a>	<a href="https://www.cnn.com/2013/09/">https://www.cnn.com/2013/09/</a>	Mon, 30 Oct 2023 22:00:23 GA	
9	Here's what happened today in	Former crypto billionaire Sam B	<a href="https://www.cnn.com/business">https://www.cnn.com/business</a>	<a href="https://www.cnn.com/business">https://www.cnn.com/business</a>	Mon, 30 Oct 2023 21:00:03 GA	
10	Today's news in 10 minutes	October 31, 2023	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	Mon, 30 Oct 2023 20:40:30 GA	
11	On Halloween, some states tak	Some cities and states impose	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	Mon, 30 Oct 2023 19:09:10 GM	
12	2024 Presidential Candidates F	Read CNN's Fast Facts to learn	<a href="https://www.cnn.com/2023/03/">https://www.cnn.com/2023/03/</a>	<a href="https://www.cnn.com/2023/03/">https://www.cnn.com/2023/03/</a>	Mon, 30 Oct 2023 17:43:45 GA	
13	Judges Targeted Fast Facts	View CNN's Fast Facts to learn	<a href="https://www.cnn.com/2013/11/">https://www.cnn.com/2013/11/</a>	<a href="https://www.cnn.com/2013/11/">https://www.cnn.com/2013/11/</a>	Mon, 30 Oct 2023 17:40:21 GM	
14	See where abortions are banne	More than a dozen US states h	<a href="https://www.cnn.com/2022/08/">https://www.cnn.com/2022/08/</a>	<a href="https://www.cnn.com/2022/08/">https://www.cnn.com/2022/08/</a>	Mon, 30 Oct 2023 16:50:00 GA	
15	Israel's history suggests the cik	In his more than three decades	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	Mon, 30 Oct 2023 12:51:13 GM	
16	Three generations of women ui	*Hi Grandson, I started grief co	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	Mon, 30 Oct 2023 11:38:11 GM	

the data feed's content will appear once you have clicked the Save button under the NEW FEED tab

5. **Save** the current data feed so you can use it later.

FEED MANAGER

NEW FEED

DISPLAY OPTIONS

Name: CNN Recent News

URL: <http://rss.cnn.com/rss/ci>

Referent: title

Refresh: 00:30:00

Restrict scope: 1 To 999

Columns: None

Image within a cell

Ignore html code

Columns:

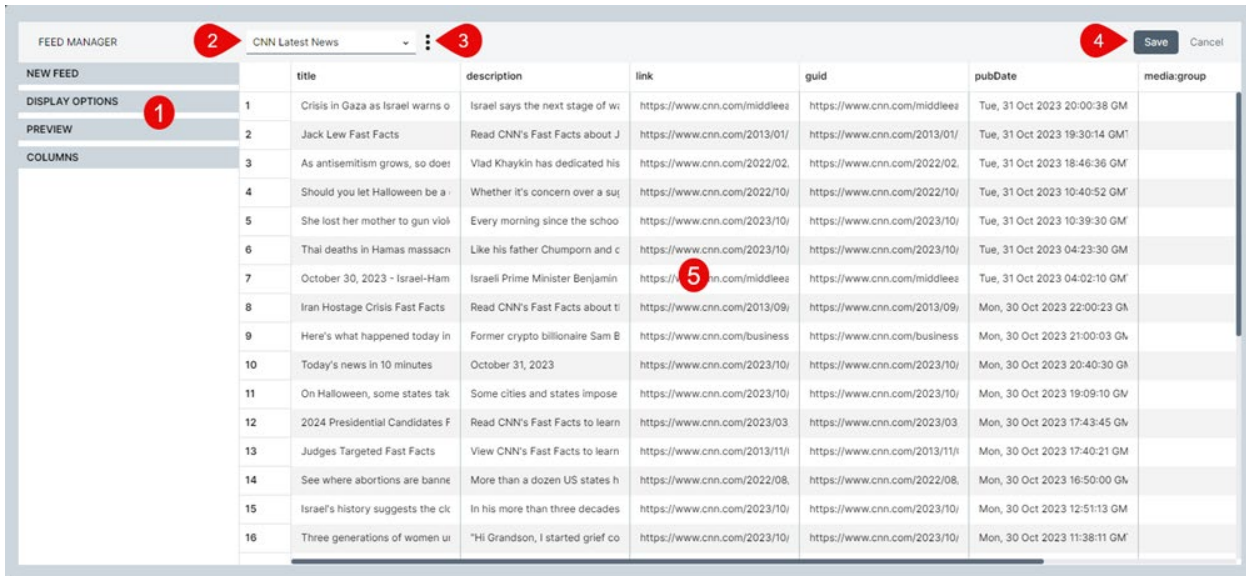
PREVIEW

COLUMNS

click Save when you are done

	title	description	link	guid	pubDate	media-group
1	Crisis in Gaza as Israel warns o	Israel says the next stage of wi	<a href="https://www.cnn.com/middlee">https://www.cnn.com/middlee</a>	<a href="https://www.cnn.com/middlee">https://www.cnn.com/middlee</a>	Tue, 31 Oct 2023 20:00:38 GM	
2	Jack Lew Fast Facts	Read CNN's Fast Facts about J	<a href="https://www.cnn.com/2013/01/">https://www.cnn.com/2013/01/</a>	<a href="https://www.cnn.com/2013/01/">https://www.cnn.com/2013/01/</a>	Tue, 31 Oct 2023 19:30:14 GM	
3	As antisemitism grows, so doe	Vlad Khaykin has dedicated his	<a href="https://www.cnn.com/2022/02/">https://www.cnn.com/2022/02/</a>	<a href="https://www.cnn.com/2022/02/">https://www.cnn.com/2022/02/</a>	Tue, 31 Oct 2023 18:46:36 GM	
4	Should you let Halloween be a	Whether it's concern over a su	<a href="https://www.cnn.com/2022/10/">https://www.cnn.com/2022/10/</a>	<a href="https://www.cnn.com/2022/10/">https://www.cnn.com/2022/10/</a>	Tue, 31 Oct 2023 10:40:52 GM	
5	She lost her mother to gun viol	Every morning since the schoo	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	Tue, 31 Oct 2023 10:39:30 GM	
6	Thai deaths in	Like his father Chumporn and c	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	Tue, 31 Oct 2023 04:23:30 GM	
7	October 30, 2023 - Israel-Ham	Israeli Prime Minister Benjamin	<a href="https://www.cnn.com/middlee">https://www.cnn.com/middlee</a>	<a href="https://www.cnn.com/middlee">https://www.cnn.com/middlee</a>	Tue, 31 Oct 2023 04:02:10 GM	
8	Iran Hostage Crisis Fast Facts	Read CNN's Fast Facts about t	<a href="https://www.cnn.com/2013/09/">https://www.cnn.com/2013/09/</a>	<a href="https://www.cnn.com/2013/09/">https://www.cnn.com/2013/09/</a>	Mon, 30 Oct 2023 22:00:23 GA	
9	Here's what happened today in	Former crypto billionaire Sam B	<a href="https://www.cnn.com/business">https://www.cnn.com/business</a>	<a href="https://www.cnn.com/business">https://www.cnn.com/business</a>	Mon, 30 Oct 2023 21:00:03 GA	
10	Today's news in 10 minutes	October 31, 2023	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	Mon, 30 Oct 2023 20:40:30 GA	
11	On Halloween, some states tak	Some cities and states impose	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	Mon, 30 Oct 2023 19:09:10 GM	
12	2024 Presidential Candidates F	Read CNN's Fast Facts to learn	<a href="https://www.cnn.com/2023/03/">https://www.cnn.com/2023/03/</a>	<a href="https://www.cnn.com/2023/03/">https://www.cnn.com/2023/03/</a>	Mon, 30 Oct 2023 17:43:45 GA	
13	Judges Targeted Fast Facts	View CNN's Fast Facts to learn	<a href="https://www.cnn.com/2013/11/">https://www.cnn.com/2013/11/</a>	<a href="https://www.cnn.com/2013/11/">https://www.cnn.com/2013/11/</a>	Mon, 30 Oct 2023 17:40:21 GM	
14	See where abortions are banne	More than a dozen US states h	<a href="https://www.cnn.com/2022/08/">https://www.cnn.com/2022/08/</a>	<a href="https://www.cnn.com/2022/08/">https://www.cnn.com/2022/08/</a>	Mon, 30 Oct 2023 16:50:00 GA	
15	Israel's history suggests the cik	In his more than three decades	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	Mon, 30 Oct 2023 12:51:13 GM	
16	Three generations of women ui	*Hi Grandson, I started grief co	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	<a href="https://www.cnn.com/2023/10/">https://www.cnn.com/2023/10/</a>	Mon, 30 Oct 2023 11:38:11 GM	

Accessing the Data Feed Manager from any other location (configuring a new data feed, or editing an existing data feed) :

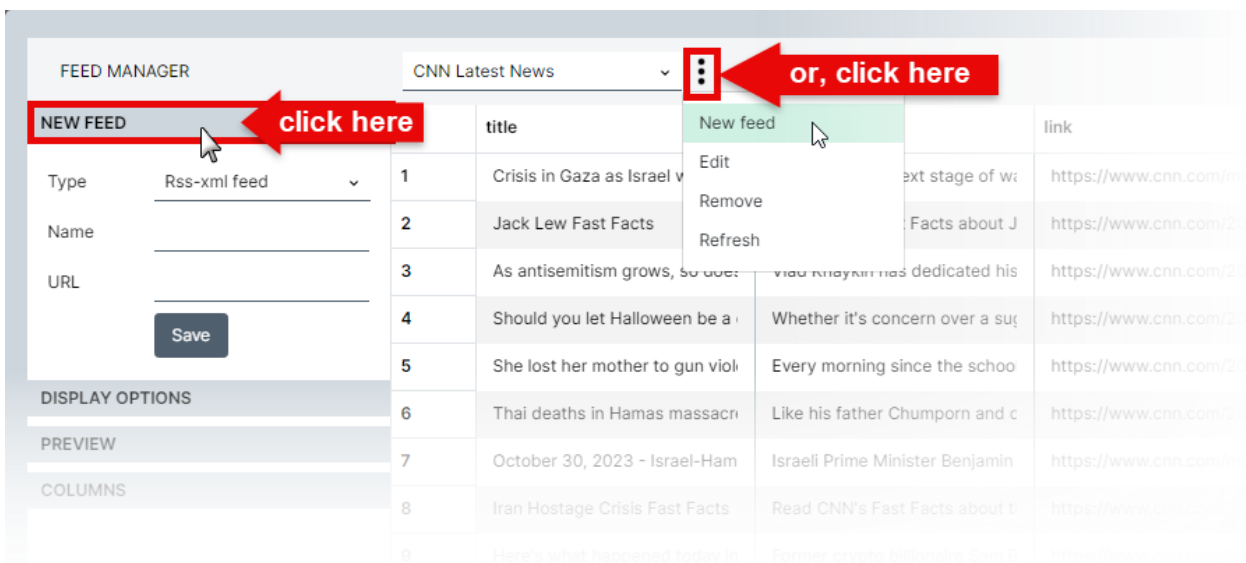


1. **Left tabs:** New feed, display options, preview, columns.
2. **Data Feed selector:** lists any data feeds currently registered in the software.
3. **Options menu:** New feed, Edit, Remove, Refresh
4. **Save changes, Cancel changes**
5. **Data feed view:** Shows currently selected data feed.

## Creating a new data feed from within a template, ticker or conditional play/trigger rule

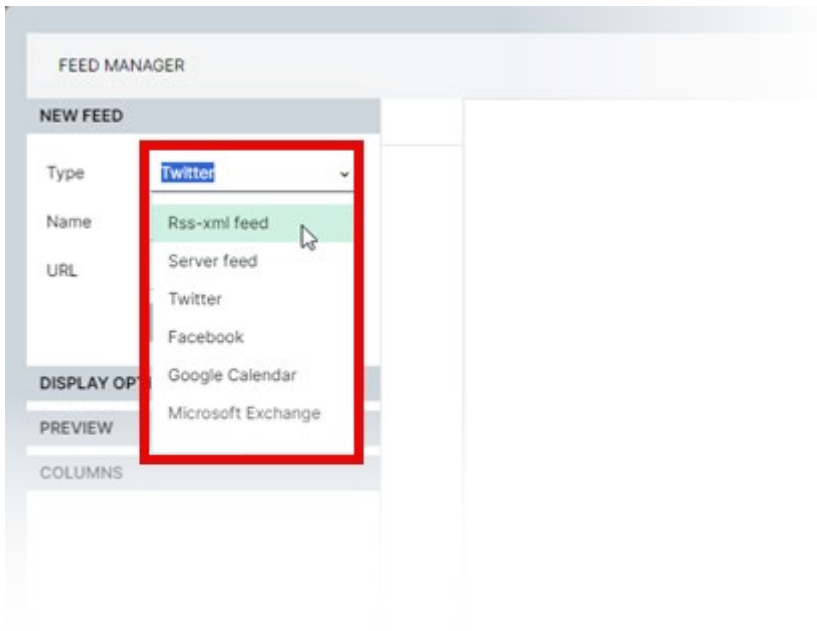
Click on the **NEW FEED** tab on the left, or select **New feed** in the **Options** menu.

The menu will open.



Type: Select the type of data feed you want to create from the pull down menu.

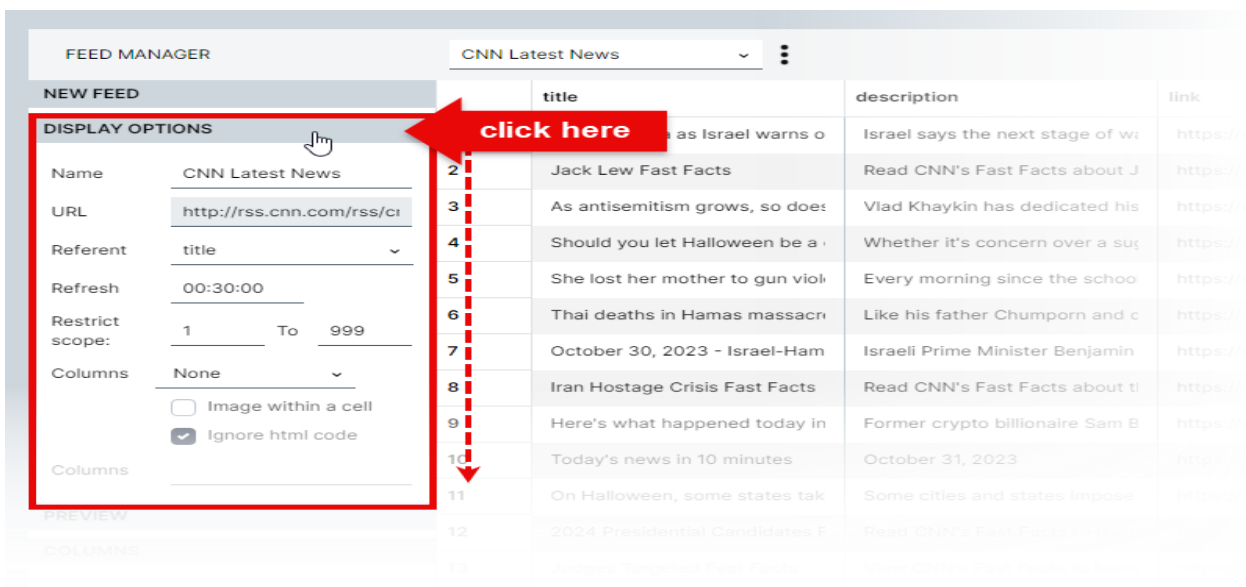
Technical Support: support@genopticsmartdisplays.com or 1-866-989-7446 Ext 4



**Name:** Provide a name for the data feed.

**URL:** Enter the URL of the data feed, including `http://` or `https://` prefix. For Twitter / X, enter your handle (user name). Be sure to include the `@` sign.

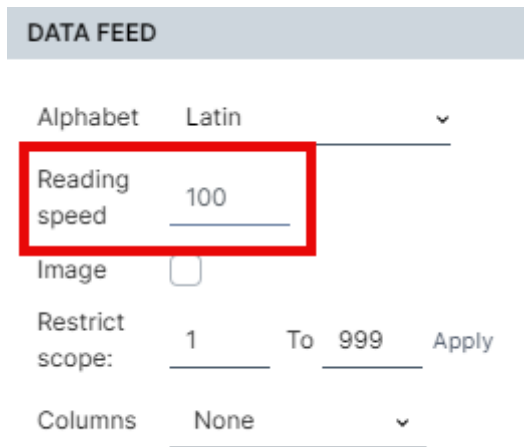
## Display options



**URL:** Shows the URL for the currently selected feed.

**Referent:** Each data record will be displayed on screen based on the number of characters in the column listed as **Referent**. Always pick a referent column that has the most text. For example, most publicly available news RSS feeds feature a title and a description column. Title is almost always a single line of text, while description is a complete paragraph. By default, VIDEOSTAR always selects the first column in any data feed as the referent so it's important to check and make sure the referent points to the column with the most text. Otherwise the news will cycle too quickly and viewers won't have time to read the information on the screen.

**NOTE:** You can adjust the pause between data records in the **Template** and **Ticker** designers, by modifying the **Reading Speed** value, under "**DATAFEED**".



**DATA FEED**

Alphabet Latin

Reading speed 100

Image

Restrict scope: 1 To 999 Apply

Columns None

**Refresh:** The refresh value is set to 30 minutes by default. Changing this setting will vary the frequency at which the player will connect to the data source to refresh the data.

**Restrict scope:** By default, all the records in the data feed will be shown. By changing the start and end values, you can restrict the number of records for any data feed. For example, start on line 5 and stop on line 10.

**NOTE:** This setting can also be modified in the **Template** and **Ticker** designers.

**Restrict scope:** By default, all the records in the data feed will be shown. By changing the start and end values, you can restrict the number of records for any data feed. For example, start on line 5 and stop on line 10. *NOTE: This setting can also be modified in the Template designer.*

## Lookup (Columns/Operator/Value settings)

Use the lookup feature when you only want to show some information contained in any VIDEOSTAR supported data feed.

Lookups are essentially filters that you create for the currently selected data feed. For example, you can create a filter that will only show news items that contain a specific word (ex. "Chicago"). All other items will be ignored.

FEED MANAGER NY Times Arts

NEW FEED		title	link	guid
<b>DISPLAY OPTIONS</b>		1	At Ballet Theater, a Thrilling Puck and a Moment to Take Stock	https://www.nytimes.com/2016/03/16/arts/theater/review-at-ballet-theater-a-thrilling-puck-and-a-moment-to-take-stock.html
Name	NY Times Arts	2	Watching Britney Spears, as a Girl and a Woman	https://www.nytimes.com/2016/03/16/arts/music/watching-britney-spears-as-a-girl-and-a-woman.html
URL	https://rss.nytimes.com/	3	Tracing Treasures of Ancient Rome to a Village That Looted Its Own Heritage	https://www.nytimes.com/2016/03/16/arts/ancient-rome-to-a-village-that-looted-its-own-heritage.html
Referent	title	4	Robert Irwin Helped Us See the Light	https://www.nytimes.com/2016/03/16/arts/theater/review-robert-irwin-helped-us-see-the-light.html
Refresh	00:30:00	5	Matthew Perry Made It Look Easy	https://www.nytimes.com/2016/03/16/arts/television/matthew-perry-made-it-look-easy.html
Restrict scope:	1 To 999	6	Review: 'Chicago,' With Nary a Finger Snap	https://www.nytimes.com/2016/03/16/arts/music/review-chicago-with-nary-a-finger-snap.html
Columns	title	7	'Lempicka,' New Musical About Art Deco Artist, to Open on Broadway	https://www.nytimes.com/2016/03/16/arts/music/lempicka-new-musical-about-art-deco-artist-to-open-on-broadway.html
Operator	Contains	8	Book Review: 'The Vulnerables,' by Sigrid Nunez	https://www.nytimes.com/2016/03/16/books/review-the-vulnerables-by-sigrid-nunez.html
Value	Chicago	9	Matthew Perry's Most Memorable TV Shows and Movies to Stream Now	https://www.nytimes.com/2016/03/16/arts/television/matthew-perry-s-most-memorable-tv-shows-and-movies-to-stream-now.html
	<input type="checkbox"/> Image within a cell	10	Back-to-Back Premieres Defy a Season of Leaner Offerings	https://www.nytimes.com/2016/03/16/arts/theater/review-back-to-back-premieres-defy-a-season-of-leaner-offerings.html
	<input checked="" type="checkbox"/> Ignore html code	11	Meg Ryan on Her New Rom-Com, 'What Happens Later'	https://www.nytimes.com/2016/03/16/arts/television/meg-ryan-on-her-new-rom-com-what-happens-later.html
Columns		12	London City Ballet Is Revived, Nearly 30 Years After It Shut Down	https://www.nytimes.com/2016/03/16/arts/theater/review-london-city-ballet-is-revived-nearly-30-years-after-it-shut-down.html
<b>PREVIEW</b>		13	Joey Evans Is Back. This Time He's a Struggling Artist.	https://www.nytimes.com/2016/03/16/arts/music/joey-evans-is-back-this-time-hes-a-struggling-artist.html
<b>COLUMNS</b>		14	Keith Giffen, Comic Book Maverick for DC and Marvel, Dies at 70	https://www.nytimes.com/2016/03/16/arts/music/keith-giffen-comic-book-maverick-for-dc-and-marvel-dies-at-70.html
		15	Revising a Best Selling Romance Novelist Proves a Challenge	https://www.nytimes.com/2016/03/16/arts/music/revising-a-best-selling-romance-novelist-proves-a-challenge.html
		16		

click to edit the lookout filter options

- The value "None" is the default. When this value is selected, there are no filters and all the data will be shown according to the parameters you decide (for example, restrict scope).
- When you click on this field, you can select any of the columns in your data feed. This will be the column on which we will apply the filter. In the illustration above, we selected the **Title** column.
- Two more fields will appear.
  - **Operator:** Select one of the following operators.
    - Contains
    - Contains data
    - Does not contain data
    - Ends with
    - Starts with
    - Greater than
    - Greater or equal to
    - Lower than
    - Equals
  - **Value:** Enter the value for this operator. In this example, selecting "**Contains**", "**Chicago**" would exclude any record that does not have the word "**Chicago**" in its **Title** column. Note, this will not change the information you see in the **Data Feed Manager**. Only the information shown on your screens will be

filtered.

Columns	title	▼
Operator	Contains	▼
Value	Chicago	Edit

Image within a cell

Ignore html code

- You can edit previously configured filters by clicking the **Edit** button.

Columns	title	▼
Operator	Contains	▼
Value	Chicago	Edit

Image within a cell

Ignore html code

- Click this button to open the **Lookup assignment** window.
- You can modify an existing filter or create more complex filters with multiple conditions using the And/Or operators.
- Click **Add** to add additional conditions to fine-tune your results.

# Lookup assignment

click to add more conditions
→

Add

Columns	Operator	Value	And / Or
title	Contains	Chicago	And
description	Contains	summer	And

OK
Cancel

if you select "And", both conditions must be valid for the data to be shown

selecting "or" means either condition can be met for the data to be shown

**Image within a cell:** This selection indicates that URLs pointing to images stored on a web server will be interpreted as images. If you deselect this option, images embedded within your media RSS feeds will no longer be displayed. This option is always selected by default.

**Ignore HTML code:** Sometimes RSS and XML data feeds include HTML code which can alter the way the text is displayed. When you select this option, HTML codes will no longer be interpreted as code. They will be displayed as text.



## DISPLAY OPTIONS

Name CNN Latest News

URL http://rss.cnn.com/rss/ci

Referent title ▼

Refresh 00:30:00

Restrict scope: 1 To 999

Columns None ▼

Image within a cell

Ignore html code

Columns \_\_\_\_\_

**Columns:** By default, all the columns in data feeds are selected so they all appear in the **Field** list in the **Template** and **Ticker** designers. You can deselect fields to filter column names you don't want to see the list.

FEED MANAGER NY Times Arts Save Cancel

**NEW FEED**

**DISPLAY OPTIONS**

Name NY Times Arts

URL https://rss.nytimes.com

Referent title ▼

Refresh 00:30:00

Restrict scope: 1 To 999

Columns None ▼

Image within a cell

Ignore html code

Columns \_\_\_\_\_

**PREVIEW**  Select all

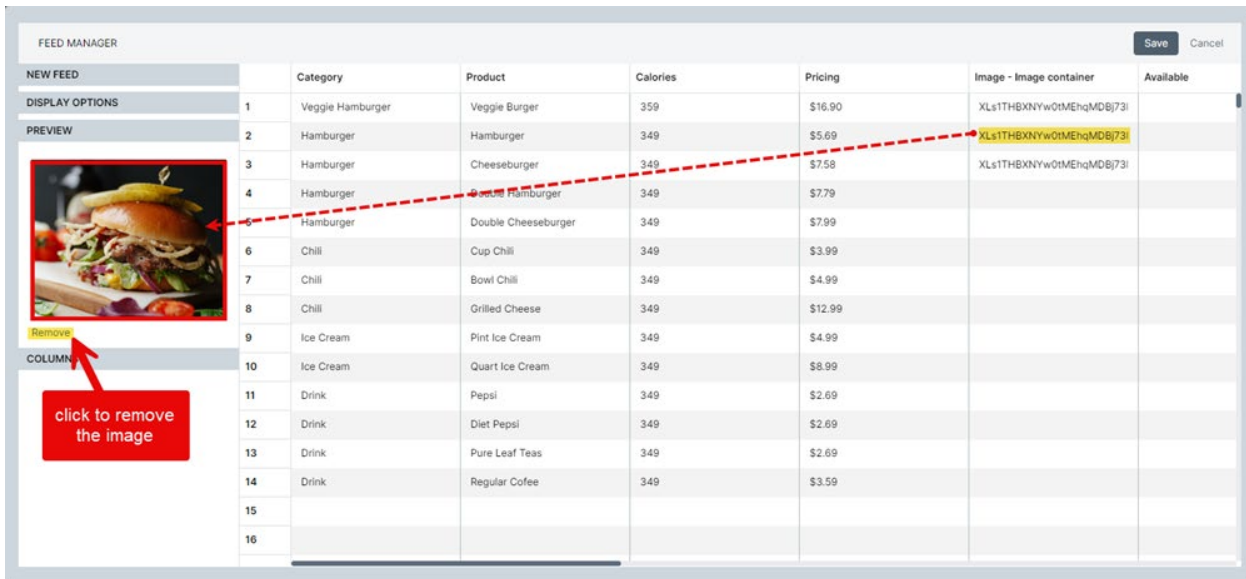
**COLUMNS**

- title
- link
- guid
- atom:link
- description
- dc:creator

	title	description
1	The Beatles' Now and Then: The Band's 'Last' Song	The "last" song with contributions from all four Beatles, made possible by new technology, finds its pow...
2	LeVar Burton's New 'Sound Detectives' Podcast Urges Children to Listen	The actor is engaging young audiences again with "Sound Detectives," a comic mystery podcast that te...
3	Tracey Emin Returns to New York, at Full Emotional Volume	Her illness, her traumas and thorny romantic entanglements are writ loud in her art, on view at White Cl...
4	'I'm Still Alive': Sean Young Takes the Stage in 'Ode to the Wasp Woman'	"I walk into a show and everybody's kind of a little afraid. Then I hear, "Oh, but you're so nice," the actre...
6	Kirsty MacColl's Voice Was Singular. A New Box Album to Bring It Wider.	The singer-songwriter, who died in 2000, is best known for duetting on "Fairytale of New York." But in a
7	Taylor Tomlinson to Host New CBS Late-Night Show after 'Colbert'	The popular comedian will take over the show, which is based on "@midnight," at a time when the job is
8	'Treasure,' the Musical, Was Built on an Online Foundation	The producers cultivated online followers for three years before mounting a full production, bringing the
9	An-My Le Turns Her Lens on Vietnam	At MoMA, her images of Vietnam, the American South and the California desert show the vanishing line
10	Britney Spears's Memoir Sells 1.1 Million Copies in U.S. in First Week	Sales of "The Woman in Me," which chronicles the pop star's life, from stardom as a teen to the conserv
11	'Poor Yella Redneck' Review: A Writer's Origin Story Remixes Conventions	Qui Nguyen's crowd-ticking comedy about a Vietnamese family in Arkansas mixes hip-hop and martial .
12	Joshua Frankel's Art at Moynihan Train Hall Is Lost Among Ads	At Moynihan Train Hall, Joshua Frankel's piece functions, whether he wants it to or not, as another ad fc
13	A Malcolm X Opera Is Coming to the Met	Anthony, Christopher and Thulani Davis collaborated on "X: The Life and Times of Malcolm X," which ha
14	In Thirsty Sultors, the Dance Battles Are Powered by Family	The video game, which follows a South Asian bisexual woman as she navigates relationships, tells a dis
15	How the Rock amp; Roll Hall of Fame Is Trying to Evolve	John Sykes, the chairman of the organization behind the hall, talks about the ouster of Jann Wenner, th
16	Celebrating Literature That 'Brings the World Close'	Words Without Borders, a magazine dedicated to literature in translation, is turning 20 at a fraught time
	'What Happens Later' Review: Meg Ryan Revisits the Meet-Cute	The rom-com queen directs and stars opposite David Duchovny in this two-hander about former lovers

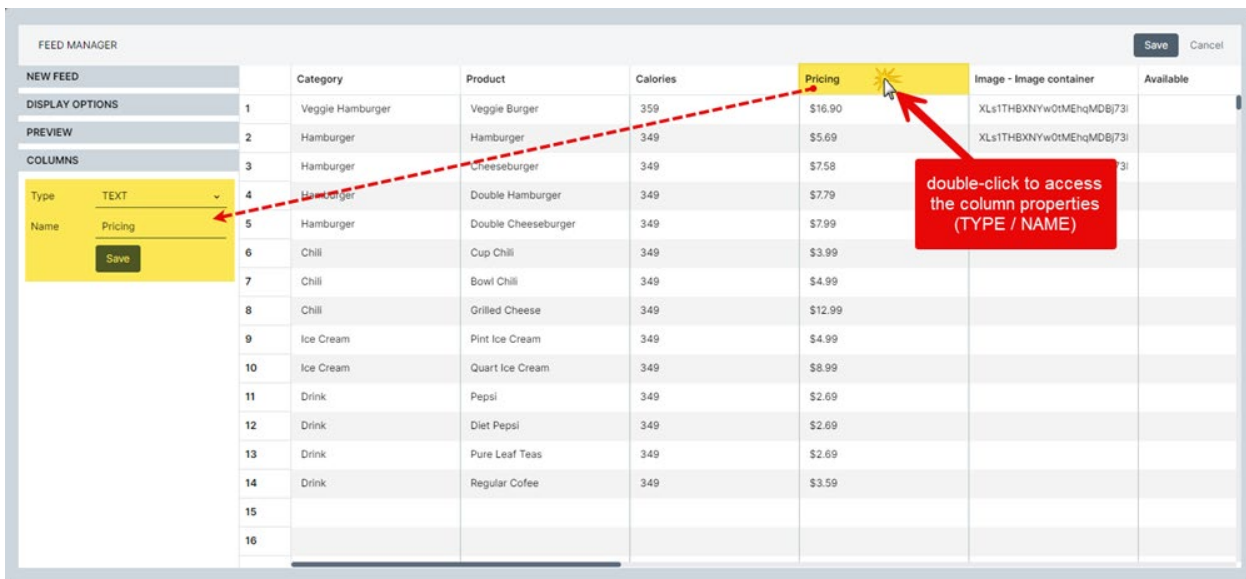
## Preview

The area where you can preview data feed images. Click on any image URL cell to see the preview on the left.



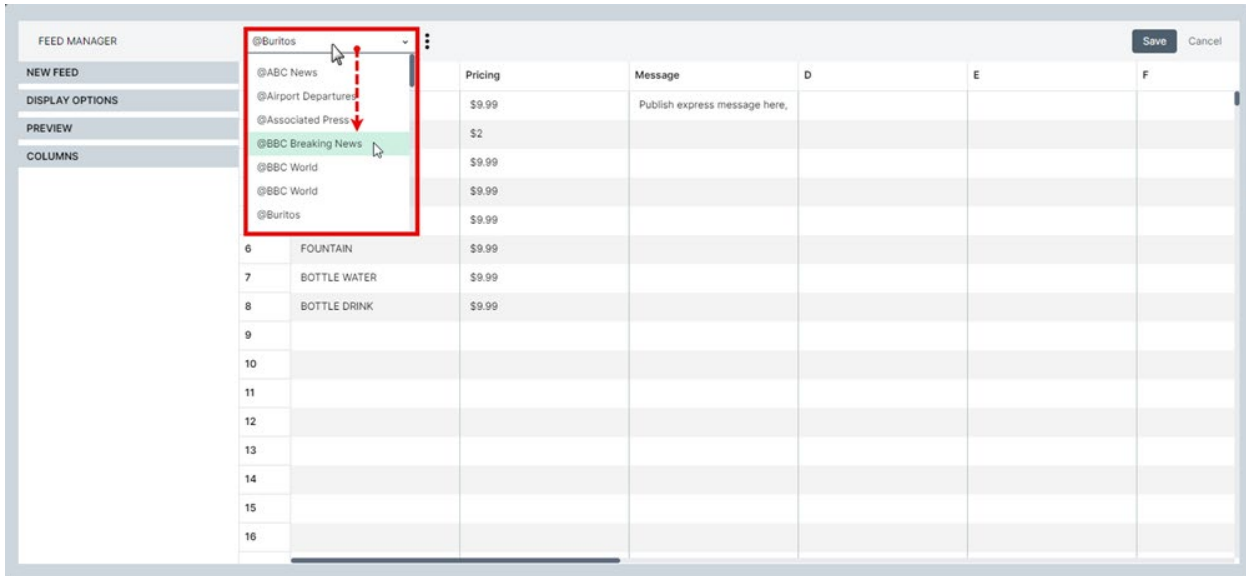
## Columns

1. **Type:** Assign the type of data this column will contain (for VIDEOSTAR Server feeds). Options are: **text** or **image**. To change this selection, double-click a VIDEOSTAR server feed header to select the column. Select the type of information the column will store. You can leave the column name as a letter (default value) or enter a descriptive name, like “price” or “photo”.



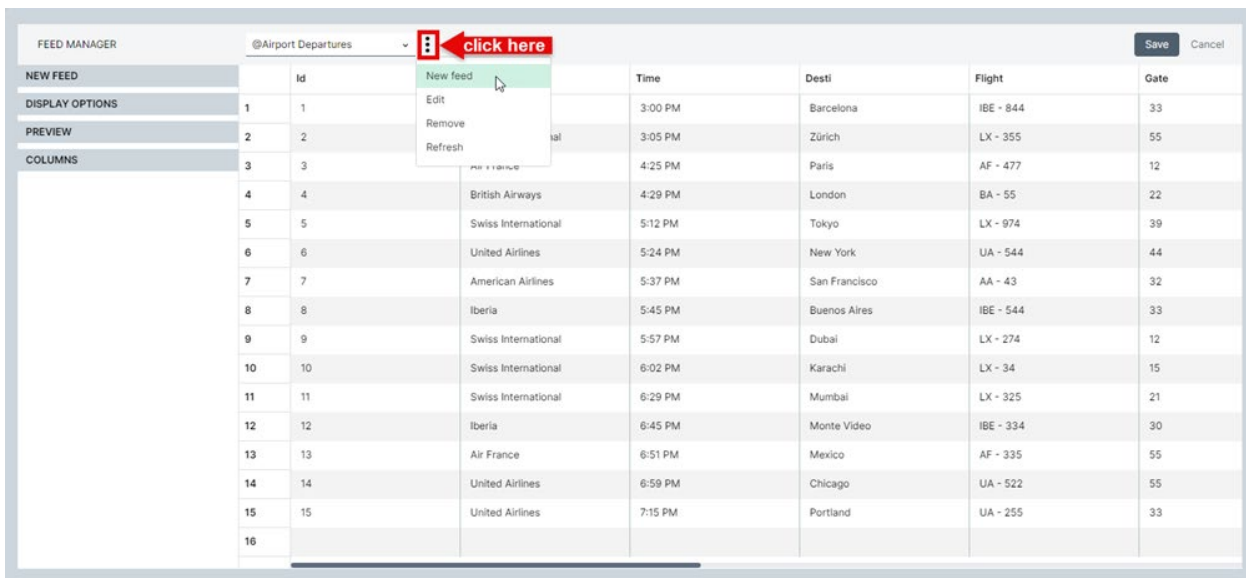
2. **Data Feed selector:** Select a feed from the pull-down list.

(Note: the **Data Feed selector** is only visible when the DFM is accessed via the **Template Designer, Ticker Designer, Play If or Conditional Triggering**)



3. **Data Feed options:** New feed, edit, remove, refresh data.

*(Note: the **Data Feed options** are only visible when the DFM is accessed via the **Template Designer, Ticker Designer, Play If or Conditional Triggering**)*



- Click the **New feed** option to create a new data feed.
- Click the **Edit** option to edit the currently selected feed's **Display Options**.
- Click the **Remove** option to delete a data feed from the list.
- Click the **Refresh** option to refresh the data shown in the table.

4. **Save / Cancel:** Click **Save** to record your changes, **Cancel** exits.

5. **Table area:** This is where you review the contents of external data feeds or edit the contents of VIDEOSTAR Server hosted feeds.

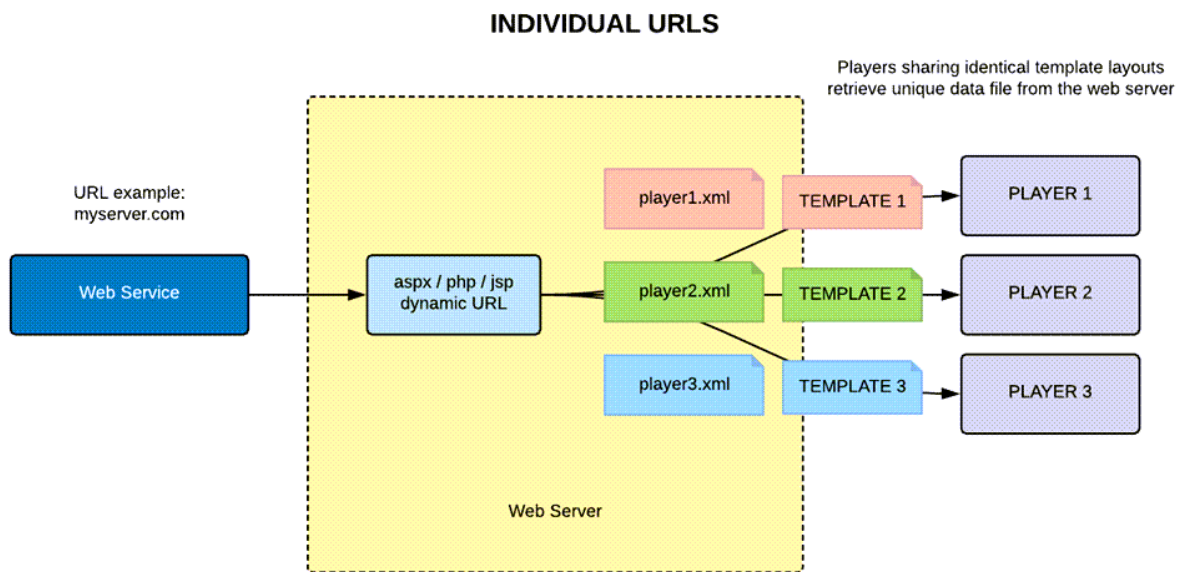
Click on any cell to edit its content (VIDEOSTAR server hosted feed only). Double-click cells that contain image links.

## Dynamic data feeds

### Standard Data Feed Behavior

Traditionally, data feeds are assigned to individual VIDEOSTAR digital signage templates, and tickers. However, this can be impractical in situations where there are very large numbers of templates displaying similar content (for example, when designing digital menu boards).

This can create a lot of extra work, especially when you're dealing with a template that uses a static layout where only data feeds ever change. You end up having to copy and paste the original template for each new data source, and then re-link each field accordingly. This can become very time intensive.



The schematic above shows what happens when the user parses the data for each location and stores XML files on their web server.

This method assumes there will be one xml file for each location, and each URL would look like this:

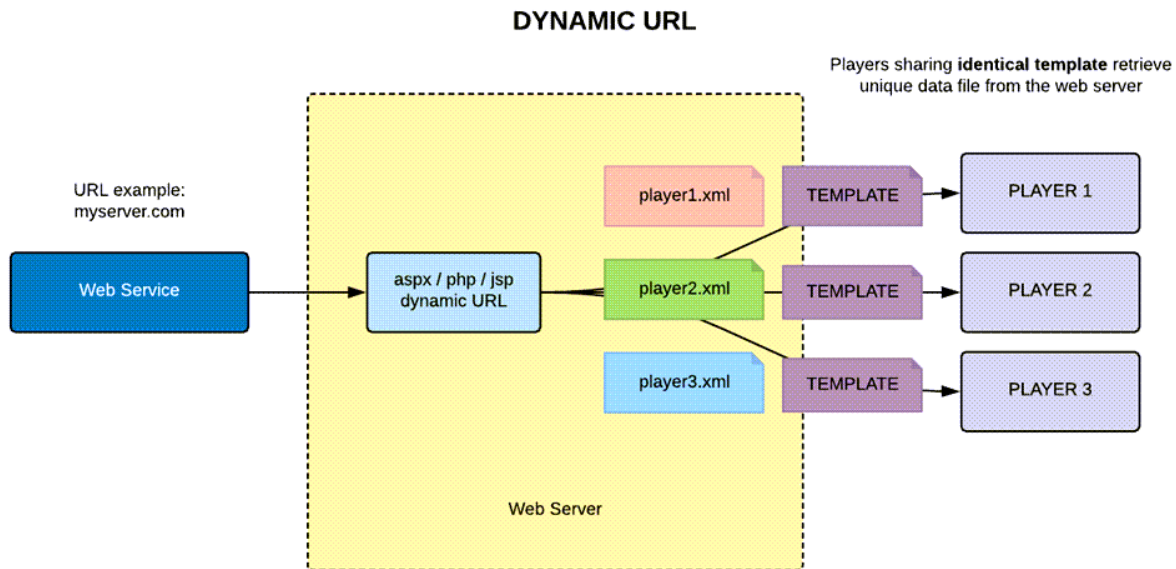
**myserver.com/xml/location?store1.xml**  
**myserver.com/xml/location?store2.xml**  
**myserver.com/xml/location?store3.xml**

For this to work, we need to register each URL in the **DATA FEED MANAGER**, so we can assign each individual feed to each template.

## Using Dynamic Data Feeds to reduce your workload

**Dynamic Data Feeds** let us use a single template for every location, and each VIDEOSTAR Player will dynamically load the correct data.

To do this, we need to enter values in a variable that gets assigned to each Player.



## VIDEOSTAR Player Variables

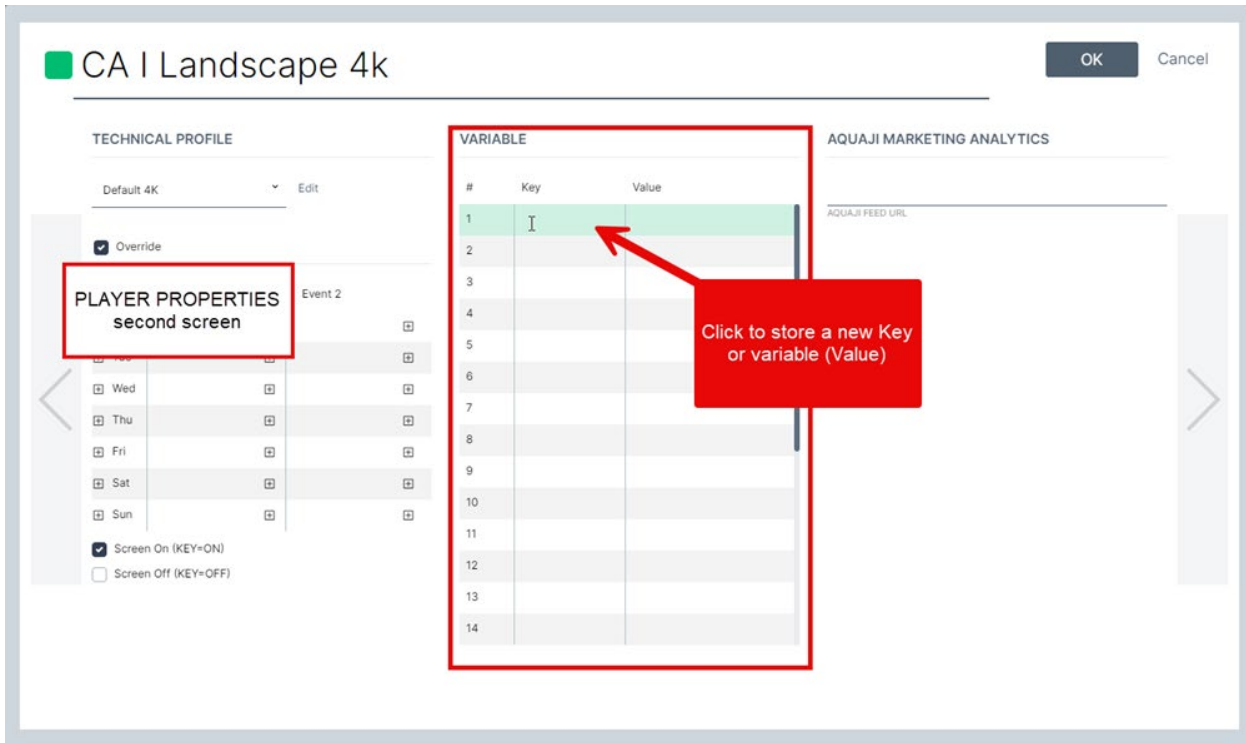
In the **DATA FEED MANAGER**, you enter:

myserver.com/xml/location?[1]

The variable [1] in the URL above gets replaced by the store name or other identifier assigned to each player so they retrieve and display the correct data in the template.

myserver.com/xml/location?store1.xml  
myserver.com/xml/location?store2.xml  
myserver.com/xml/location?store3.xml

You enter variable values in the second screen of the Player Properties window under the heading **Variable**.



A single variable can be reused as many times as necessary. However, up to 25 different parameters can be assigned to each VIDEOSTAR Player.

Note that you can refer to the variable via it's number or the value entered in the Key column. For example, [1] or [Key]

## Advantages

By using dynamic XML data feeds, you can pass information stored in variables assigned to each player. This could be a unique template sent to many players where each one loads data according to it's assigned variables. It's no longer necessary to duplicate templates and manually re-assign data feeds.

The example above is only a starting point. For example, you could add multiple parameters to achieve more complex URLs.

For example, geolocation: <http://mycompany.com/lat=48.8817&lon=2.3822&rad=500>

You can substitute the latitude and longitude values with VIDEOSTAR variables like this: [http://mycompany.com/lat=\[1\]&lon=\[2\]&rad=500](http://mycompany.com/lat=[1]&lon=[2]&rad=500)

Where [1] is the latitude value assigned to each player's variable #1, and [2] is the longitude value assigned to each player's variable #2.

Microsoft Exchange data feeds

VIDEOSTAR Server can retrieve calendar information from **Microsoft Exchange** email accounts and room mailboxes so you can display room reservation and appointment information on your VIDEOSTAR Player screens.

VIDEOSTAR Server synchronizes and stores the data in a server feed so VIDEOSTAR Players can retrieve and display this information in templates and tickers. You can display meetings and room reservations from the current time to the end of the current day.

## Capabilities

- VIDEOSTAR Players will retrieve events for the current day and for the next two days.
- If an event has already ended at the time the player refreshes the data feed, it will not be shown.
- You can retrieve and display the event organizer's name, the event start time and end time.

The screenshot shows a software interface for displaying Outlook meetings. At the top, there are controls for 'OUTLOOK MEETINGS', a window size of 'W 1920 H 1080', a 'Manual' refresh mode, and a 'Duration' of '00:00:15'. A 'Snap' button is also visible. The main content area is titled 'Outlook meeting schedule.' and contains a table with the following data:

Start	End	Start Hours	End Hours	Origanizer	Body Message
11/16/2023 5:30:00 PM	11/16/2023 6:00:00 PM	17:30	18:00	Innovation Center - Lausanne	Lorem Ipsum is simply dummy text of the printing and typesetting industry.
11/17/2023 2:30:00 PM	11/17/2023 3:00:00 PM	14:30	15:00	Innovation Center - Lausanne	Microsoft Teams meeting Join on your computer, mobile app or room device Srv feed outlook Meet 04 RVA
11/18/2023 12:30:00 PM	11/18/2023 1:00:00 PM	12:30	13:00	Innovation Center - Lausanne	Microsoft Teams meeting Join on your computer, mobile app or room device
11/17/2023 6:30:00 PM	11/17/2023 7:00:00 PM	18:30	19:00	Innovation Center - Lausanne	Click here to join the meeting Srv feed outlook Meet 003 RVA

To the right of the table is a 'DATA FEED MANAGER' panel. It includes a 'Data Feed Manager' button, an 'Apply' button, a dropdown menu set to 'Exchange', and a list of fields: 'Field', 'subject', 'location', 'start', 'end', 'startHours', and 'endHours'. There are also 'Save' and 'Cancel' buttons at the top right of the interface.

*How to configure your Microsoft Exchange data feed*

You need the following information:

- Microsoft Exchange server URL
- User email account login name.
- User's Exchange password.
- Optionally – room mailbox alias name.

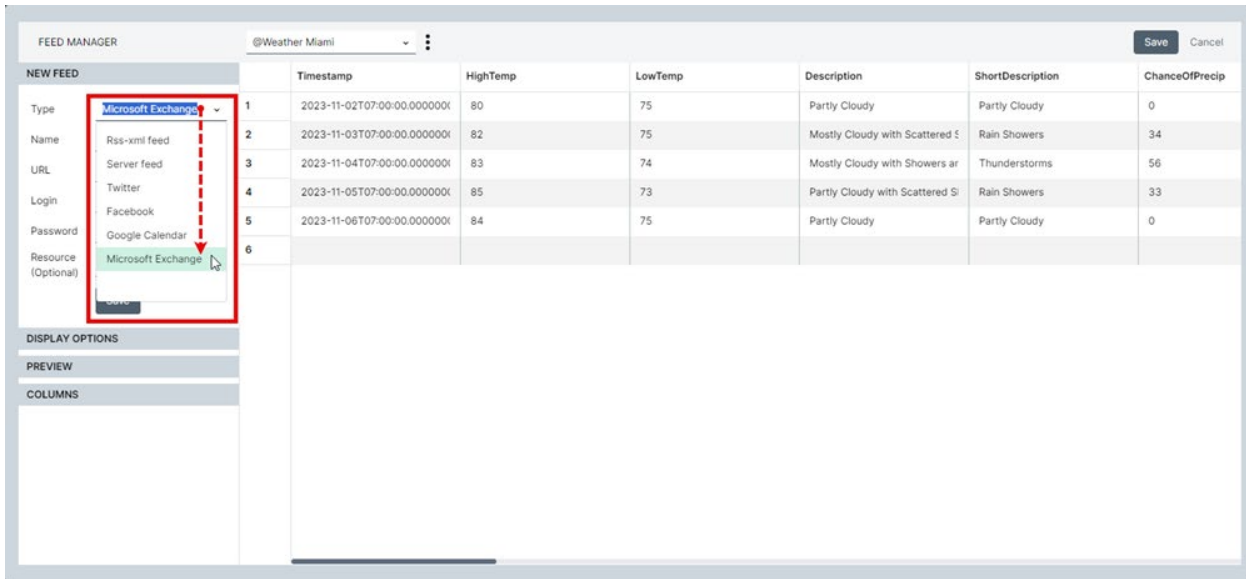
## Step 1: Configure your Exchange feed

Launch the **Template** or **Ticker** designer.

Click on the **Data Feed Manager** button.



Click **New Feed**, and then select **Microsoft Exchange** from the **Type** pull down menu to configure a new Exchange data feed.



Next, enter the required information into each field.

**NEW FEED**

Type **Microsoft Exchange** ▾

Name \_\_\_\_\_

URL \_\_\_\_\_

Login \_\_\_\_\_

Password \_\_\_\_\_

Resource (Optional) \_\_\_\_\_

**Save**

**Name:** Give your new Exchange feed a descriptive name.

**URL:** Enter the Microsoft Exchange's server URL.



**Login:** Enter a valid Microsoft Exchange user account login name. This is required so VIDEOSTAR can connect with your Exchange server and retrieve the information.

**Password:** Enter the password for the Microsoft Exchange user account.

**Resource:** If you plan to show room reservations, you must configure a valid user account first, and then enter the room mailbox alias (email address) in the **Resource** field so VIDEOSTAR Players can retrieve and display information for the room. [Click here](#) for additional information from Microsoft about creating and managing room mailboxes in Exchange.

## Step 2: Use your Exchange data in a template or ticker

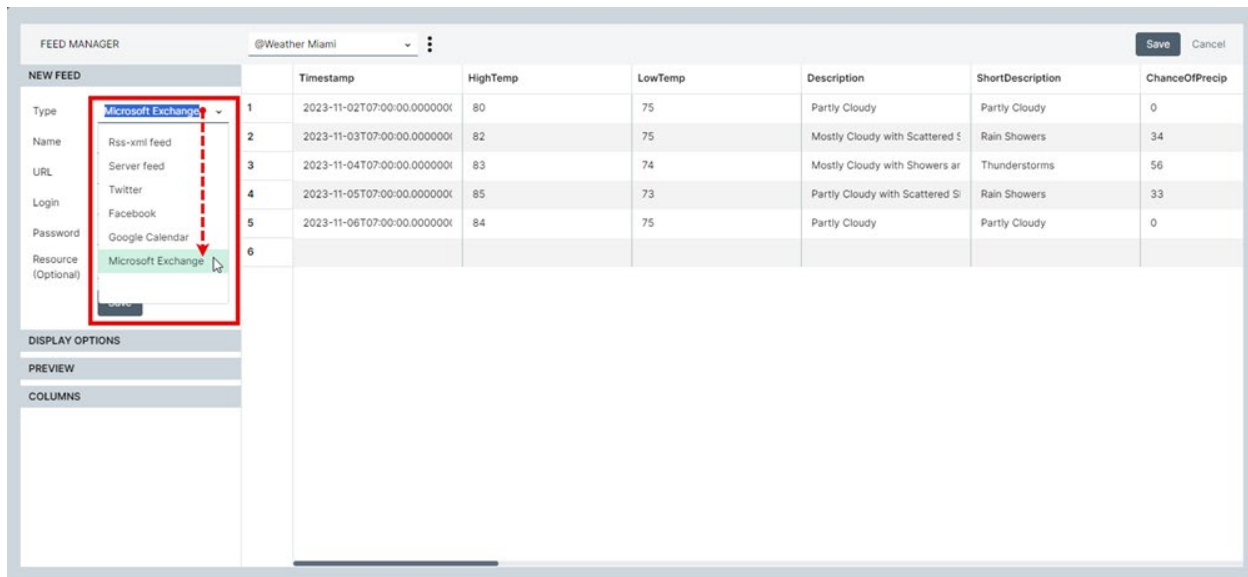
Once you have configured the **VIDEOSTAR Data Feed Manager** to retrieve your Exchange data, you can use this data feed in any template or ticker, like any other type of VIDEOSTAR compatible data feed.

## How to create Microsoft Office 365 data feeds

Launch the **Template** or **Ticker** designer.

Click on the **Data Feed Manager** button.

Click **New Feed**, and then select **Microsoft Exchange** from the **Type** pull down menu to configure a new Exchange data feed.



The screenshot shows the 'FEED MANAGER' interface for '@Weather Miami'. It features a table with columns: Timestamp, HighTemp, LowTemp, Description, ShortDescription, and ChanceOfPrecip. A 'NEW FEED' section on the left has a dropdown menu for 'Type' with 'Microsoft Exchange' selected. Below the table are sections for 'DISPLAY OPTIONS', 'PREVIEW', and 'COLUMNS'. 'Save' and 'Cancel' buttons are in the top right.

	Timestamp	HighTemp	LowTemp	Description	ShortDescription	ChanceOfPrecip
1	2023-11-02T07:00:00.0000000X	80	75	Partly Cloudy	Partly Cloudy	0
2	2023-11-03T07:00:00.0000000X	82	75	Mostly Cloudy with Scattered S	Rain Showers	34
3	2023-11-04T07:00:00.0000000X	83	74	Mostly Cloudy with Showers ar	Thunderstorms	56
4	2023-11-05T07:00:00.0000000X	85	73	Partly Cloudy with Scattered S	Rain Showers	33
5	2023-11-06T07:00:00.0000000X	84	75	Partly Cloudy	Partly Cloudy	0
6						

Enter the required information.

**Example (replace with your own values):**

**NAME:**        \_ Exchange Calendar – IC (CA)

**URL:** https://outlook.office365.com/ews/exchange.asmx

**LOGIN:** test@Videostar.com

**PASSWORD:** Videostartestpassword

The screenshot shows a web interface titled "FEED MANAGER" with a sub-section "NEW FEED". A form is displayed with the following fields:

Type	Microsoft Exchange
Name	_ Exchange Calendar - K
URL	https://outlook.office365
Login	test@videostar.com
Password	.....
Resource (Optional)	

Below the form is a "Save" button.

The **Data Feed Manager** will connect to the Exchange server and retrieve all available information.

## Using Google Calendar fields

You can display information stored in **Google Calendar** in your templates and tickers using the **Data Feed Manager**.

### PREREQUISITES

You will need a valid Google Calendar.

By default, Google Calendars are set to private so you must set the **Access permissions** to **"Make available to public"**, otherwise VIDEOSTAR will not be able to synchronize and display this information. Follow this link to learn how to change the access permissions for your Google Calendar.

**Access permissions**

**Make available to public**

Learn more about [sharing your calendar](#)

See all event details ▾

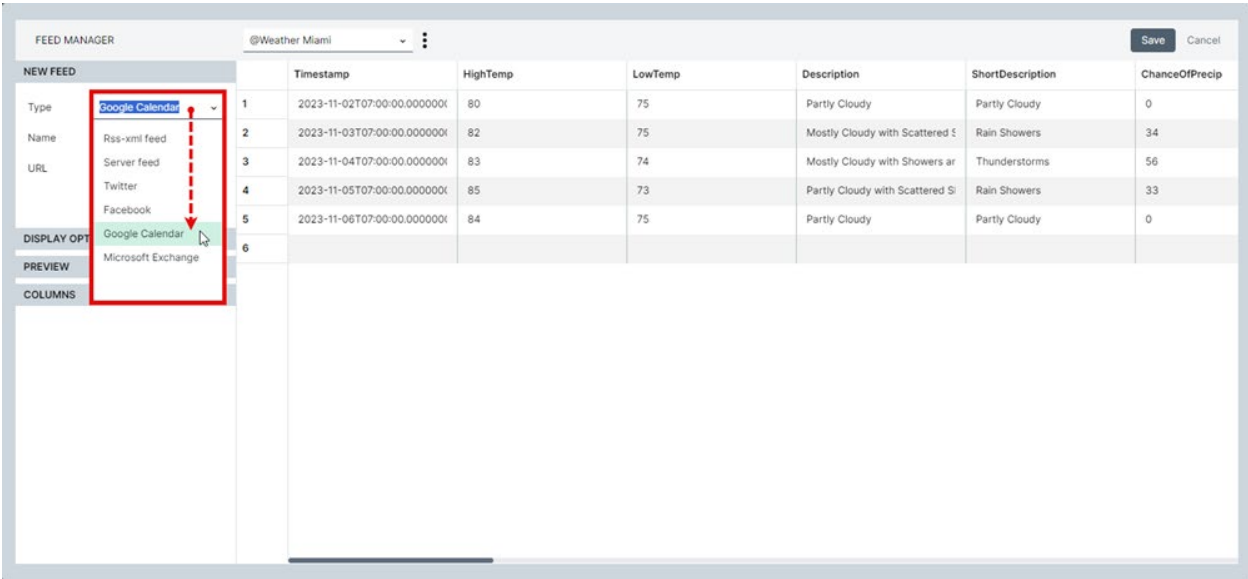
[GET SHAREABLE LINK](#)

## How to add a Google Calendar feed to your Data Feed Manager

Launch the Template or Ticker Designer.

Click on the **Data Feed Manager** button to access the interface.

Click **New Feed**, then select **Google Calendar** from the drop-down menu.



Enter the name you want to assign to this data feed in the **Name** field (1), then enter your **Google Calendar ID** in the URL field (2).

FEED MANAGER

NEW FEED

Type Google Calendar ▾

Name **1** \_\_\_\_\_

URL **2** \_\_\_\_\_

Save

DISPLAY OPTIONS

PREVIEW

COLUMNS

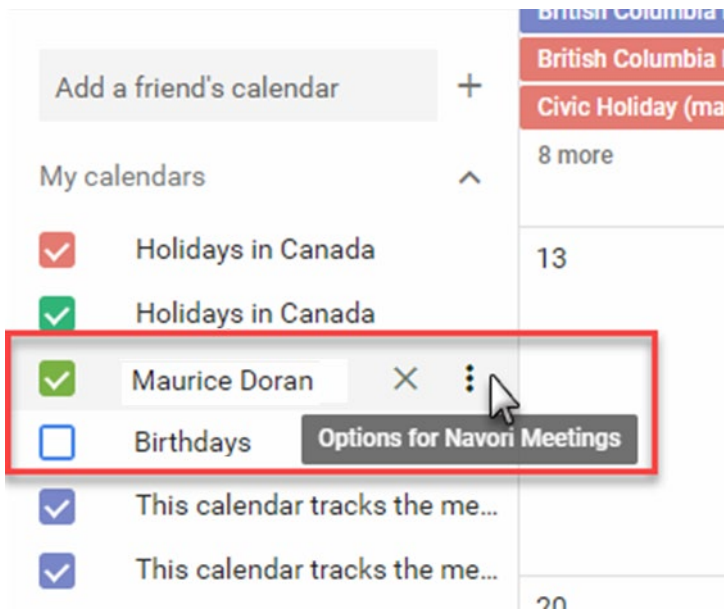
Finding and copying your Google Calendar ID:

Open a new browser tab.

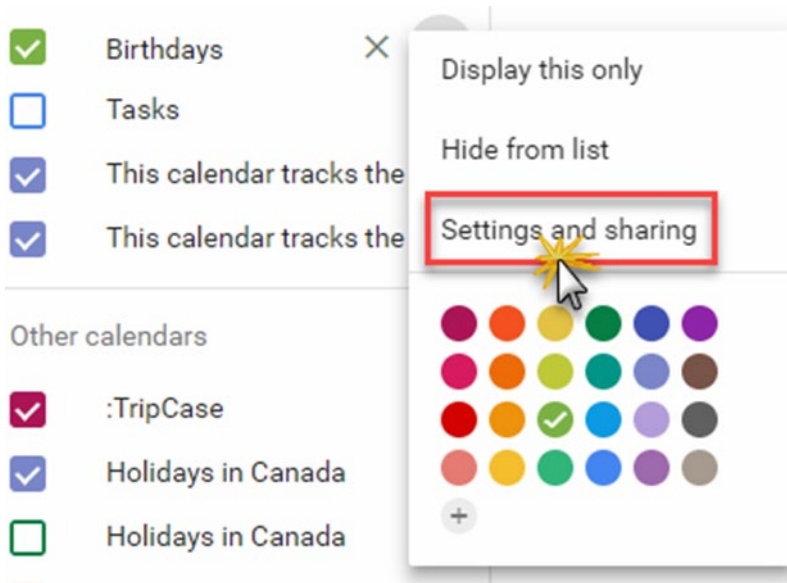
Login to your Google account and open Google Calendar.

On the left side of the page you will see the list of all your calendars under the **My calendars** heading.

Move your cursor over the name of the calendar you wish to retrieve the ID for and slide the cursor to the right until the **Options** pop-up appears.



Click on the 3 vertical dots and select Settings and sharing.



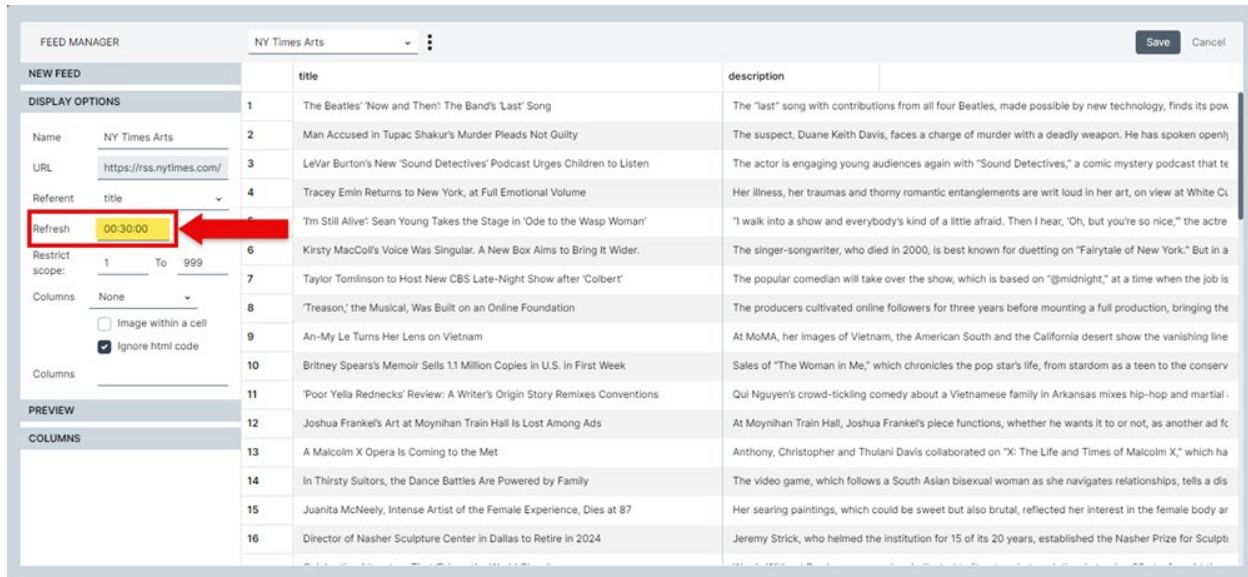
Scroll down the page until you get to the Integrate calendar section.  
Select the entire string under **Calendar ID** and copy it to the clipboard (Ctrl+C).



## VIDEOSTAR Player data feed caching

VIDEOSTAR Players cache all RSS, XML, and social media feeds locally to ensure information continues to be shown on screen during temporary interruptions. In fact, data is cached past the Player's data refresh period. In the case of VIDEOSTAR Server hosted feeds, data is stored inside the player's database and not just cached in memory.

Let's say you configure a RSS feed to refresh at a rate of 30 minutes, and your VIDEOSTAR Player loses connection to the data feed server.



The last data cached will be shown until the connection is restored, even if the outage lasts past the refresh time. Your templates and tickers can even play all day and the cached data will remain on screen until the player's scheduled reboot.

If your player reboots before the connection is restored, the cache will be emptied and there will be no more data shown until the connection with the feed server resumes.

### Special cases

Let's imagine a scenario where you have two playlists that play in sequence, and each playlist contain the same template that points a common RSS feed. You have template "A" that is in playlist #1 scheduled from 8 am to noon. You also have template "A" in playlist #2 scheduled from noon to 8 pm.

If the feed's connection is interrupted during playlist #1, template "A" will display empty fields once it starts playing in playlist #2 (assuming the connection wasn't restored between both playlists). The reason is we refresh the entire template once we switch to the second playlist.

### Using Twitter/X data feeds

VIDEOSTAR uses Twitter/X API 1.1 to retrieve the following information:

- The text in the body of each tweet.

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- Tweet creation date and time.
- Twitter/X account user name.
- Twitter/X account display name.
- ReTweet count.
- Like count.
- Attachment URL.
- Impression count.

The screenshot shows the 'TEMPLATE DESIGNER' interface with a 'Twitter post' data table. The table has the following columns: Created date, User name, Display name, Tweet count, Like count, Attachment URL, Impression count, and Tweet body. The data rows are as follows:

Created date	User name	Display name	Tweet count	Like count	Attachment URL	Impression count	Tweet body
11/17/2023 10:51:50 AM	BBCWorld	BBC News (World)	17	61		14921	Israeli PM Benjamin Netanyahu admits that Israel has been 'not successful' in its aim to minimise civilian casualties. Snoop Dogg says he is giving up smoking <a href="https://t.co/Kv9eCZUjWW">https://t.co/Kv9eCZUjWW</a>
11/17/2023 9:51:54 AM	BBCWorld	BBC News (World)	52	274		110760	
11/17/2023 9:33:03 AM	BBCWorld	BBC News (World)	23	100		65108	
11/17/2023 9:20:05 AM	BBCWorld	BBC News (World)	33	141		84730	The unfolding drama of India's funeral rescue mission <a href="https://t.co/98bmN9rHWk4">https://t.co/98bmN9rHWk4</a>
11/17/2023 9:04:02 AM	BBCWorld	BBC News (World)	17	98		69017	Malawi's President Lazarus Chakwera bears himself and his cabinet from foreign travel <a href="https://t.co/lt_eYn3m1c">https://t.co/lt_eYn3m1c</a>
11/17/2023 8:50:35 AM	BBCWorld	BBC News (World)	26	162		91733	When Apoc 'family photos' used to be fun <a href="https://t.co/pEcnMuxa6">https://t.co/pEcnMuxa6</a>
11/17/2023 8:21:58 AM	BBCWorld	BBC News (World)	13	105		71234	Beijing touts 'historic' Xi-Biden meeting

The screenshot shows the 'FEED MANAGER' interface for the account '@BBCWorld'. It displays a list of tweets with the following columns: tweetBody, createdAt, userName, displayName, reTweetCount, and likeCount. The data rows are as follows:

tweetBody	createdAt	userName	displayName	reTweetCount	likeCount
1 Israeli PM Benjamin Netanyahu ad...	11/17/2023 10:51:50 AM	BBCWorld	BBC News (World)	24	84
2 Snoop Dogg says he is giving up s...	11/17/2023 9:51:54 AM	BBCWorld	BBC News (World)	52	277
3 The unfolding drama of India's tun...	11/17/2023 9:33:03 AM	BBCWorld	BBC News (World)	23	100
4 Malawi's President Lazarus Chakw...	11/17/2023 9:20:05 AM	BBCWorld	BBC News (World)	33	141
5 When Apoc 'family photos' used to...	11/17/2023 9:04:02 AM	BBCWorld	BBC News (World)	17	98
6 Beijing touts 'historic' Xi-Biden me...	11/17/2023 8:50:35 AM	BBCWorld	BBC News (World)	26	162
7 Colombia 2-1 Brazil: Luis Diaz scor...	11/17/2023 8:21:58 AM	BBCWorld	BBC News (World)	13	105
8 Zimbabwe declares state of emer...	11/17/2023 7:38:59 AM	BBCWorld	BBC News (World)	70	224
9 African Football League: Is it 'best...	11/17/2023 7:16:56 AM	BBCWorld	BBC News (World)	13	76
10 School Strike 4 Climate: Australian...	11/17/2023 7:10:07 AM	BBCWorld	BBC News (World)	30	112

## IMPORTANT

Only tweets from the last 7 days can be displayed. Use Twitter/X accounts that are active otherwise your players may not have any information to show.

## Additional information

You can use the Twitter/X advanced search service to filter the information you wish to display in your data feeds.

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## Searching for content

**VIDEOSTAR Content Manager** features a powerful search engine.

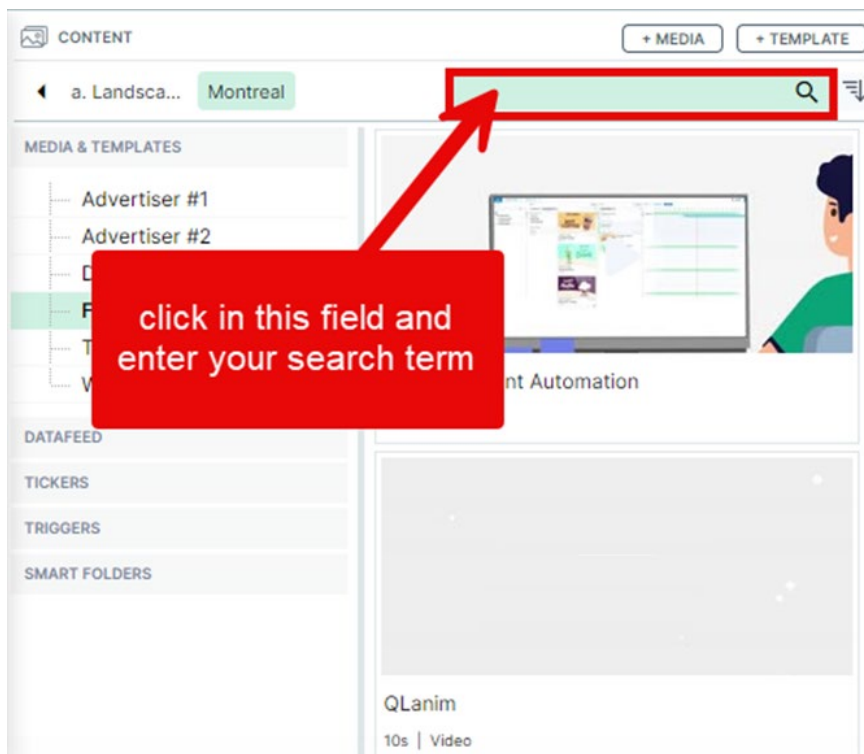
Users can search for content based on:

- The complete or partial **content name**, including a file extension like jpg, png, mp4...
- One or more **tags** assigned to the content.
- One or more **keywords** assigned to the content.

You can search for media files, HTML content, templates... effectively any content stored in the content library.

Searches are performed in your currently selected level, any level below. If you are searching for content at the root level, items stored at the root and all other levels below will be returned. Searches performed at the lowest level (sub-group where the players are located) will only return results for the currently selected sub-group.

To search for content, move your cursor to the search symbol in the upper right-hand corner of the **Content** window.



In the example below, typing **mp4** in the search field will return all the mpeg4 videos available to this user. It will also return any templates that contain mpeg4 videos.

As long as a filter is active, the group list and search field will appear highlighted.

Click the **X** at the right of the search field to reset the **Content Library** view.



You can perform all your normal activities (access the content properties, add content to a playlist, etc.) while a search is active.

**Note:** the search engine is accessible via the **Players**, **Content** and **Playlist** window.

- In **Players**, you can perform searches based on a Player's name or tag.
- in **Content**, you can perform searches based on any content's characteristics (name, type, tag...).
- in **Playlist**, you can perform searches based on the name of a playlist.

## Sorting content in the Content Library

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**VIDEOSTAR Content Manager** lets you sort the media in the **Content Library's** right pane.

To sort the content in the library view, click the sort icon to the right of the search field, then select the sort criteria.

- Sort by date
- Sort alphabetically by name
- Sort alphabetically by type

The arrow that appears at the right of the menu indicates the sorting order (increasing or decreasing). Click the criteria a second time to reverse the order.



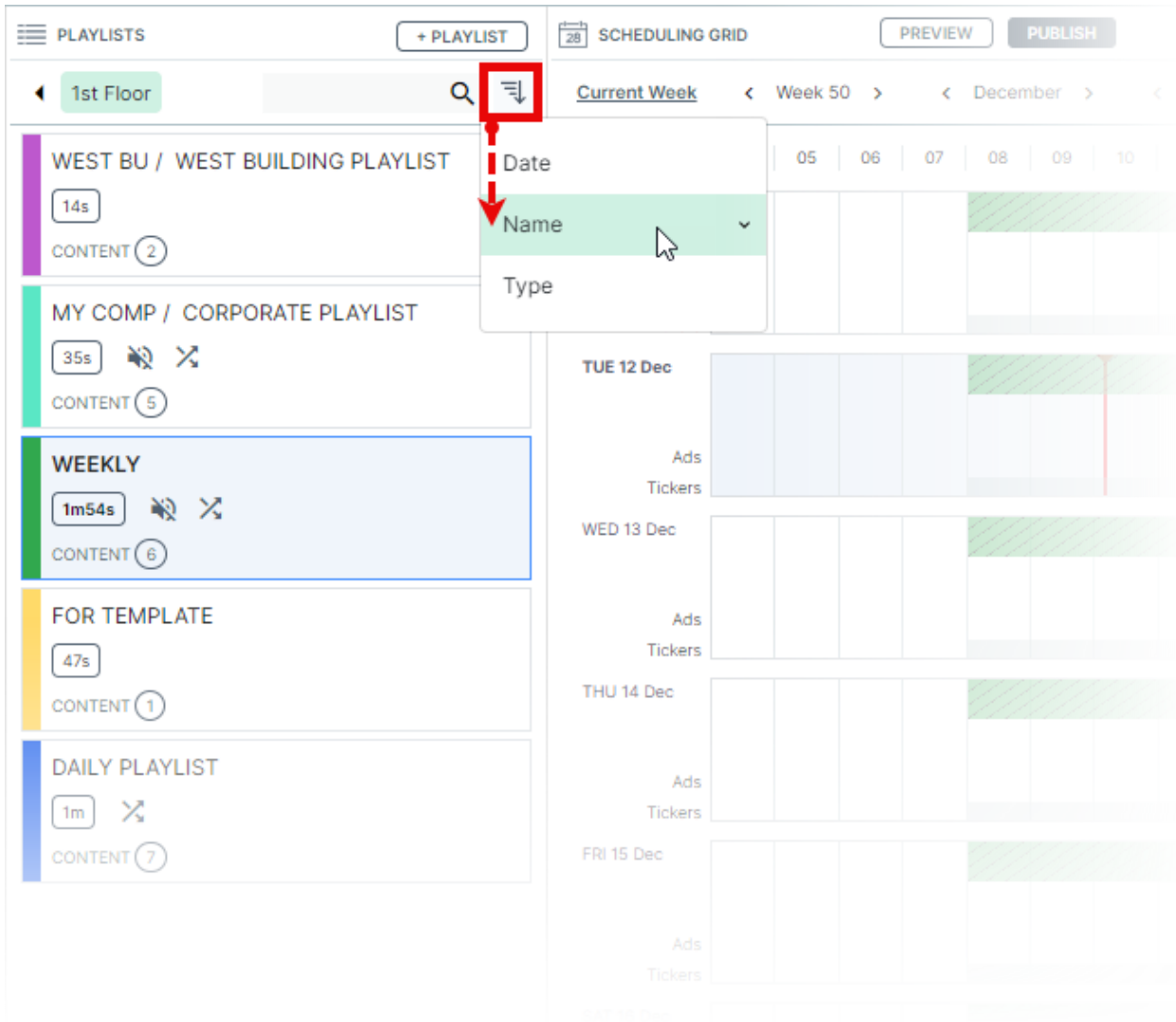
Sorting content in the Playlist window

You can sort the contents of the Playlist window in a similar fashion.

To sort the content in the playlist view, click the sort icon to the right of the search field, then select the sort criteria.

- Sort by creation date
- Sort alphabetically by playlist name
- Sort alphabetically by playlist type (ex. regular, advertising)

The arrow that appears at the right of the menu indicates the sorting order (increasing or decreasing). Click the criteria a second time to reverse the order.



## Tagging content

### Overview

Tagging is a two step process.

First, you assign tags to **players**. Next, you assign tags to **content**.

You can only assign tags to content once they have been created and assigned to players. Once a tag has been created, you can use it as many times as required.

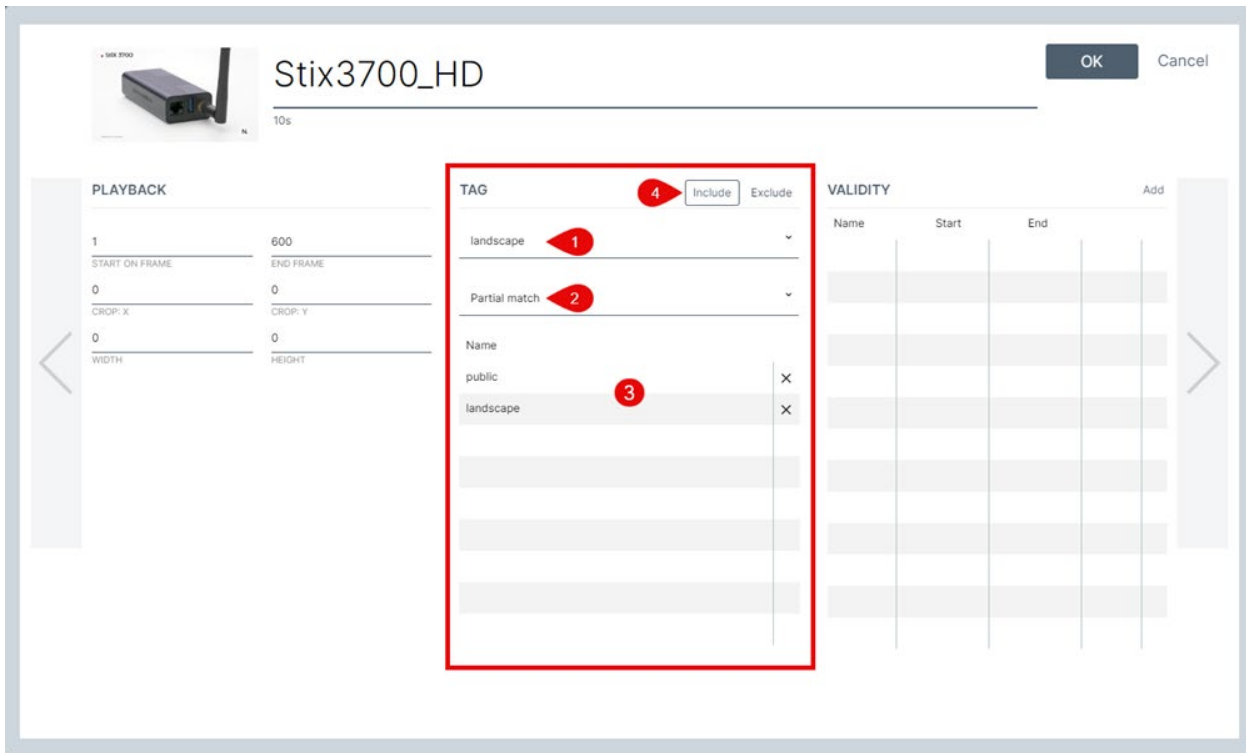
When the player and the content's tag matches, content will play on that player (this is the default behavior, however, you can also create tags that prevent content from playing when there is a match).

### Tagging your content

You can tag any content, including: media files, web URLs, streaming video, live TV and templates.

- Tags are assigned in the **Content Properties**. You can tag content when you add it to the library or do it later.
- To assign tags to content already in your content library, double click its thumbnail. The content properties will open.

The tag section is on the second screen.



1. **Tag selection drop-down list.** All tags assigned to players will appear in this field. Selecting a tag will automatically add it to the assigned list (#3).
2. **Matching type.** There are two options to choose from. Partial match and exact match.
  - **Partial match** means that players must have at least one of the tags assigned to the content.
  - **Exact match** means all the assigned tags must also be assigned to the player. If you don't have an exact match, the content will not play.
3. **Assigned tag list.** This is where your assigned tags will appear. To remove tags from the list, click the **X** in the right column.
4. **Include/Exclude content.**
  - When **include** is selected, the content will be shown by players that have the matching tag(s).

- When **exclude** is selected, content will not be shown on players that have the matching tag(s).

Your tags will appear in the **Content Library**, under the item name.



Assigning tags via drag and drop (via Smart Folders)

[Click here](#) for a quick and easy way to assign tags via drag and drop.

## Tag management and best practices

Tags should always be created based on Domains and the root level administrator should NOT be involved in the creation of tags for domain level users, players, or content.

It's important to remember there are two types of administrator and users, those at the root level and those at the domain level.

- Root Level Administrators and users have an unrestricted view of the entire player network, including all the domains below the root. These users will always see new groups or domains as they are added. You can't restrict the view of root level administrators and users.
- Domain Level Administrators and users are restricted to their assigned domain.

The Root Level Administrator account should only manage the server, software licensing, server properties and technical profiles. This account oversees all the domains under their supervision. By default, the Root Level Administrator is the person who also has Videostar Extranet access and can purchase new licenses for the organization. While you can create multiple Root Level Administrator accounts, it's important to understand the differences between these accounts and Domain Level Administrator accounts. It's important to note, Videostar SaaS Root Level Administrator accounts are authenticated using MFA, so these accounts should only be used for advanced management or troubleshooting tasks. Root Level Administrator accounts should not be used to perform regular management tasks. Regular management tasks should only be performed by Domain Level Administrators.

Domain Level Administrator accounts should only be used to manage the content, schedules, tagging, player groups and technical profiles associated with their own respective domain.

If these guidelines are not respected, the roles of these administrator accounts could get mixed up, which could cause

issues with the management of various functions.

1. Deleting a tag created by a domain user when logged in as a ROOT user.
  - A tag is created by a Domain Level User and the tag is assigned to the players in their domain.
  - The Root Level Administrator/User has visibility to every tag that was created by child domain's user AND the tag is assigned to at least one player (See 2. Tag Visibility below) when the Root Level Administrator/User decides to delete the tag from their root view.
  - In this case, the Root Level Administrator/User is in fact simply removing the association between the tag and the player, and by doing so they will also remove the tag in the Root Level Administrator/User's view; however the tag will still be visible when logged in as the Domain Level User who originally created the tag.
  - The original tag will never be deleted if the Root Level Administrator did not create it. This is normal behavior.
  - Essentially, the Root Level Administrator/User is removing the tag's inheritance when it was created by the Domain Level User and assigned to the player. In this case, the tag will be removed from the player and the Root Level Administrator/User will not see the tag anymore. Meanwhile, the tag will still be visible to the Domain Level User. The Root Level Administrator/User will simply need to reassign the player tag to see it.

## 2. Tag visibility

Whenever a tag is created by a domain level user and is NOT assigned to any players, the tag will not be visible to the root level users. The tag will ONLY become visible when the tag is assigned to a player.

## 3. Consolidated tags

Scenario: A tag named "airport" has been created in multiple domains.

The root level administrator will see a single consolidated tag named airport regardless of how many times and domains this tag has been created. Again, if the Root Level Administrator/User decides to delete the tag from the Tag Assignment list, it will only remove the association between the tag and all the players this tag has been assigned to regardless of the domain.

This tag consolidation process is necessary to avoid duplicate tags in the Tag Assignment list of a Root Level Administrator/User.

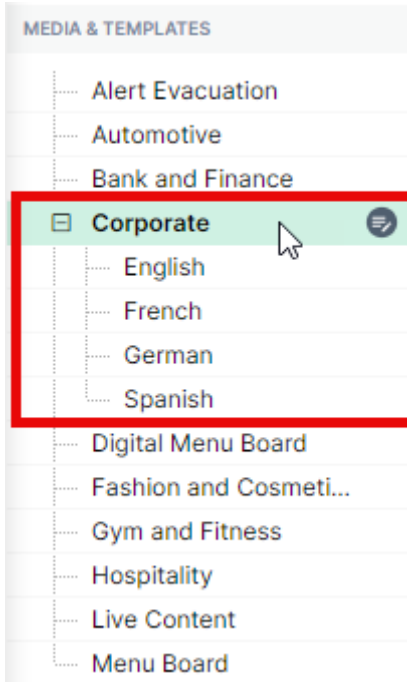
## Creating folders for your content

**Folders** are used to sort your content. By default, the **Content** library has one folder called **Media & Templates**.

This is the root level for each library. Creating folders is completely optional and there are no hard rules to follow.

You can create folders based on project names, tasks, content types (images, videos, templates, etc...).

Folders can have any number of sub-folders. In the example below, we have a folder called **Corporate** with a series of sub-folders for content in various languages.



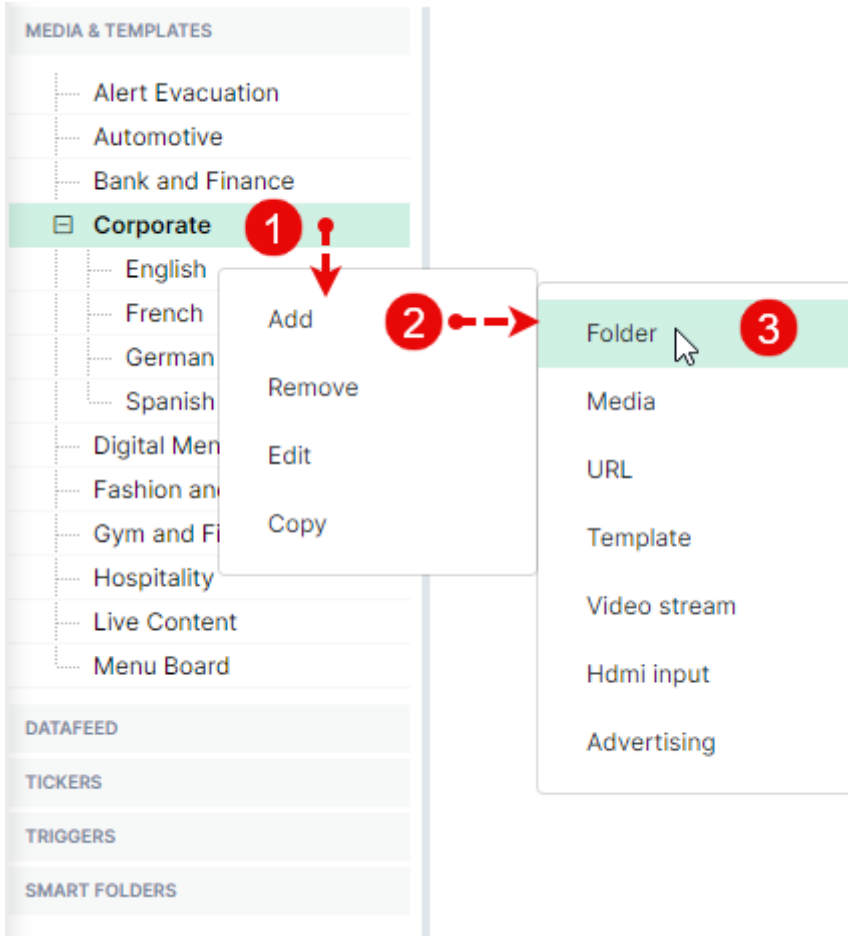
## Creating a folder

Creating a folder structure for your content is quick and easy.

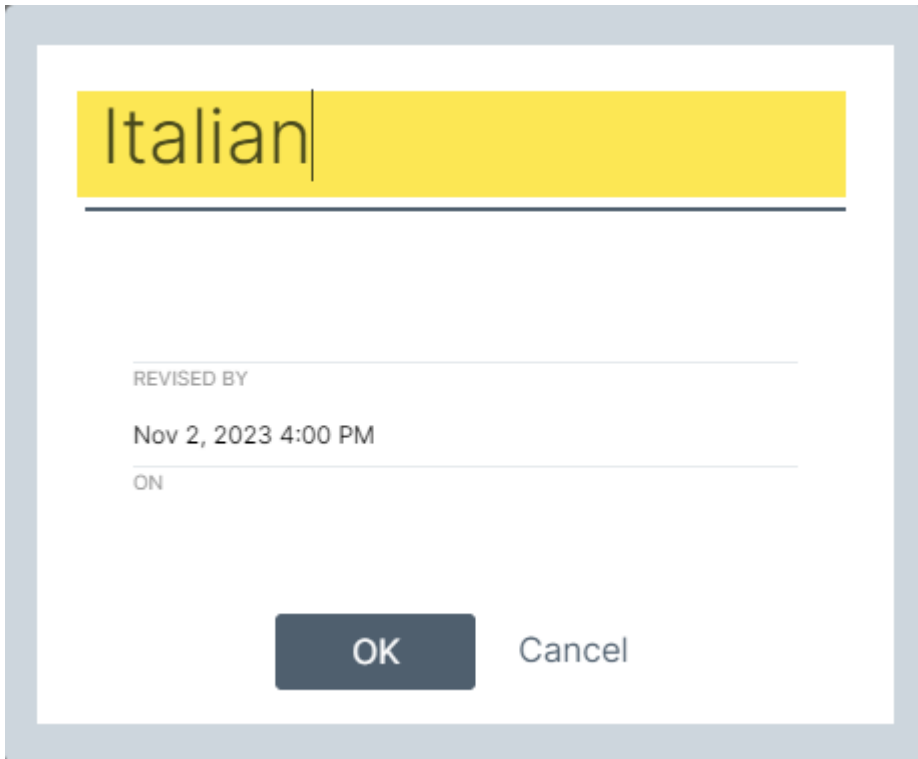
- To create a new folder at the top level of your library, right-click on the **MEDIA & TEMPLATE** tab on the left side of the **Content** library window.
- To create a new sub-folder under an existing one, right-click the name of the folder you want to create the new folder in.

Select **Add > Folder**.

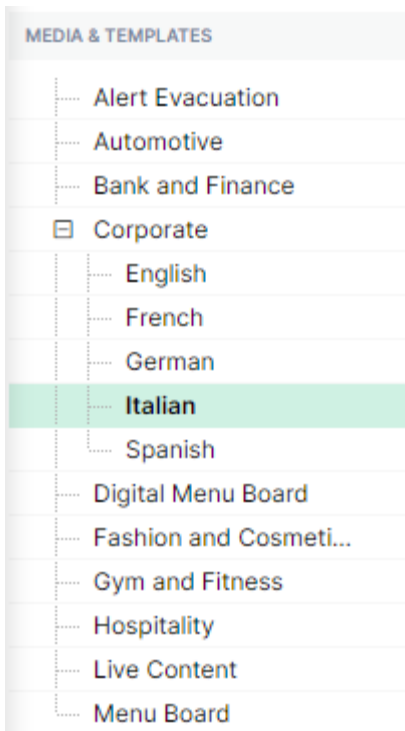




Name your new folder and click **OK** to complete this step.



Your new folder is added to the list.



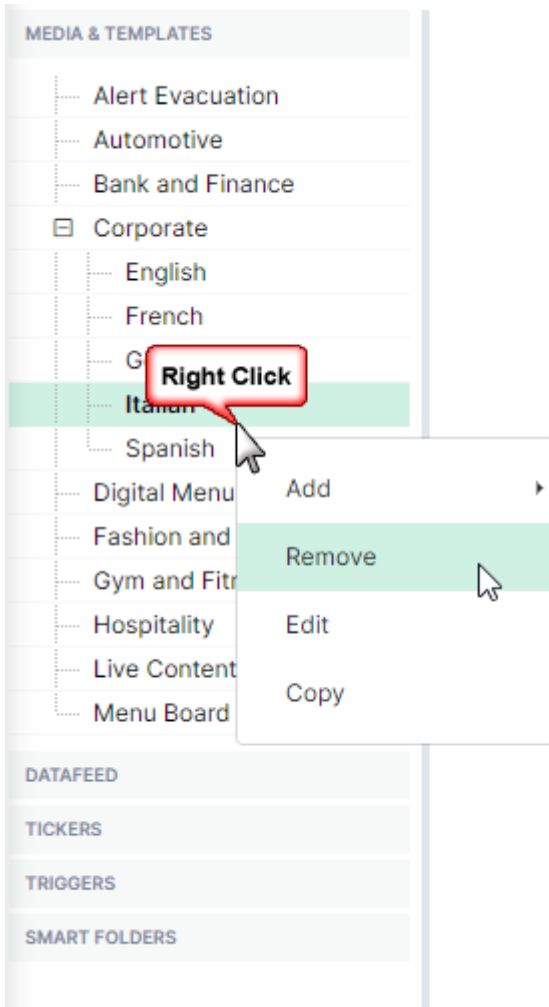
When navigating your folder structure, always look at the title bar on the right side of the **Content** library window.

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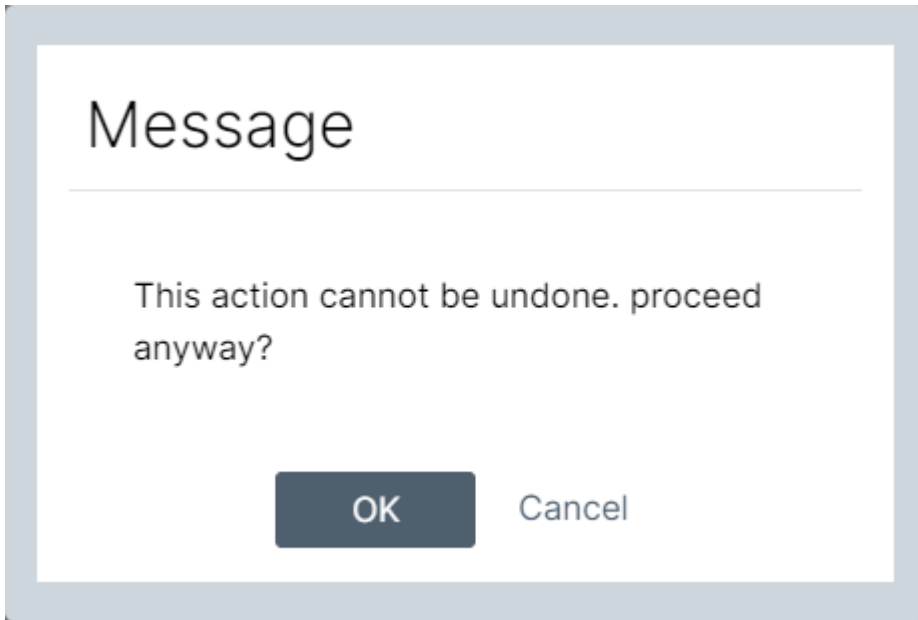
It will always show the name of the currently selected folder. Also, clicking on a folder's tab will highlight the tab in gray.

## Removing a folder

To remove a folder, right click on its name and select **Remove**.

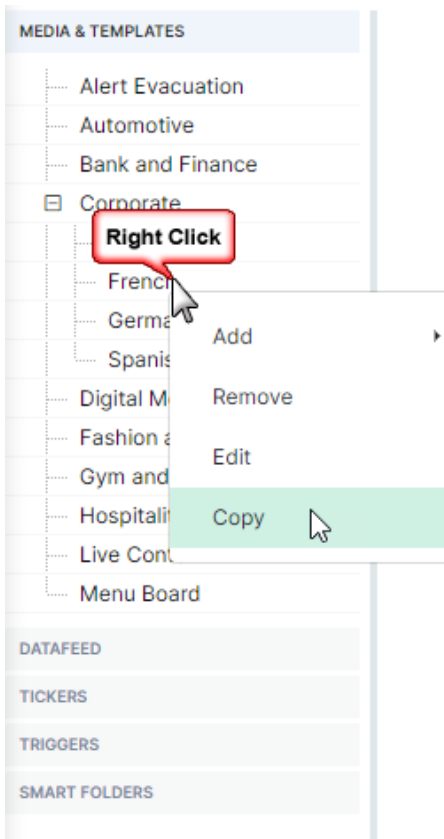


Click **OK** in the popup window to deleted the folder permanently.

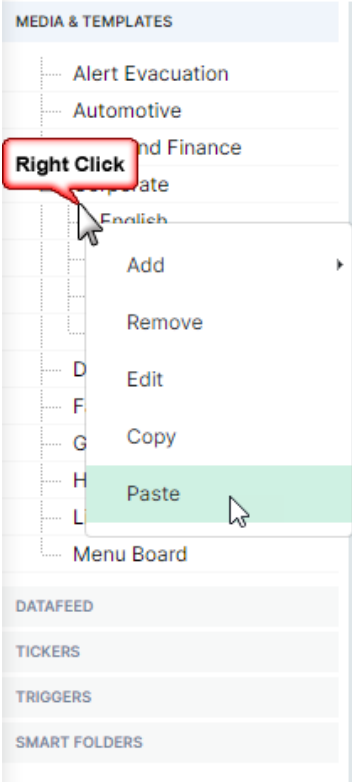


## Copying/pasting a folder

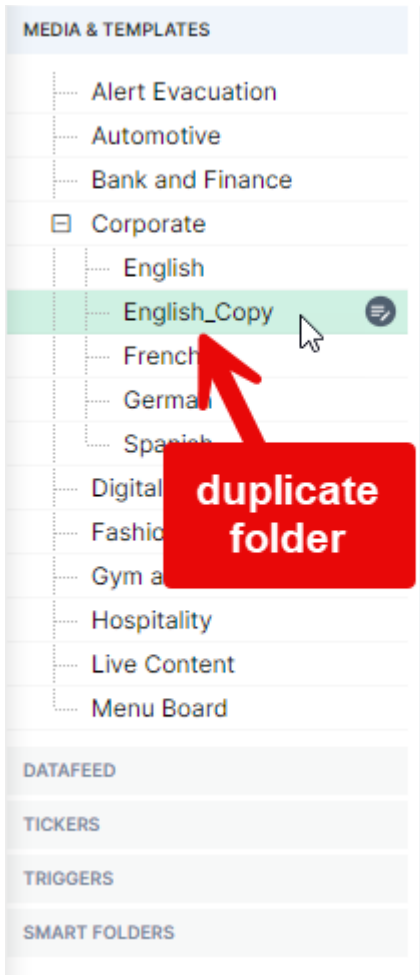
To copy a folder, right click on its name and select **Copy**.



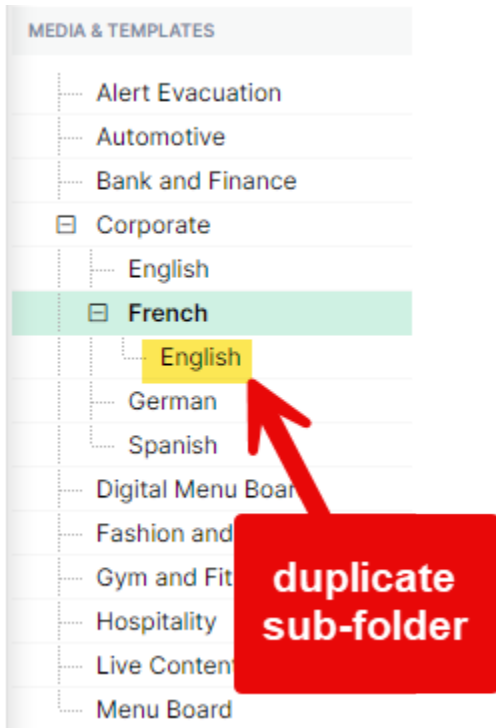
To paste a folder, right click on its name and select **Paste**.



The duplicated folder will appear where you pasted it.

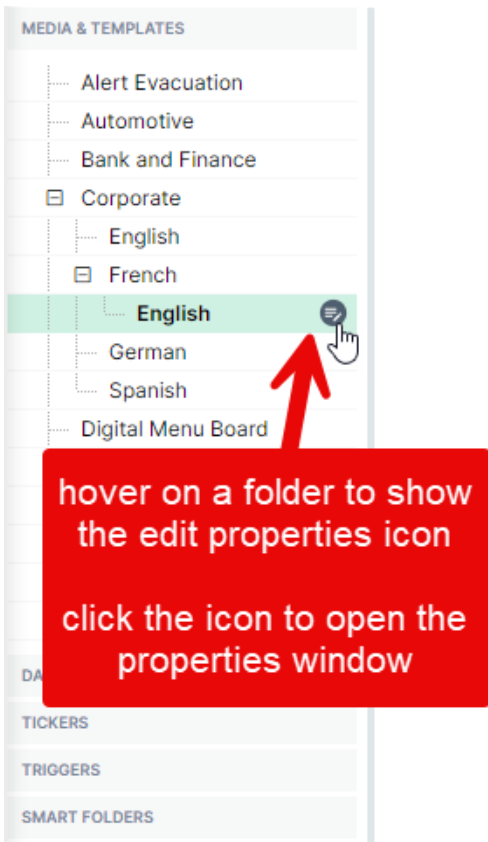


If you paste the folder inside another one, you will create a sub-folder.

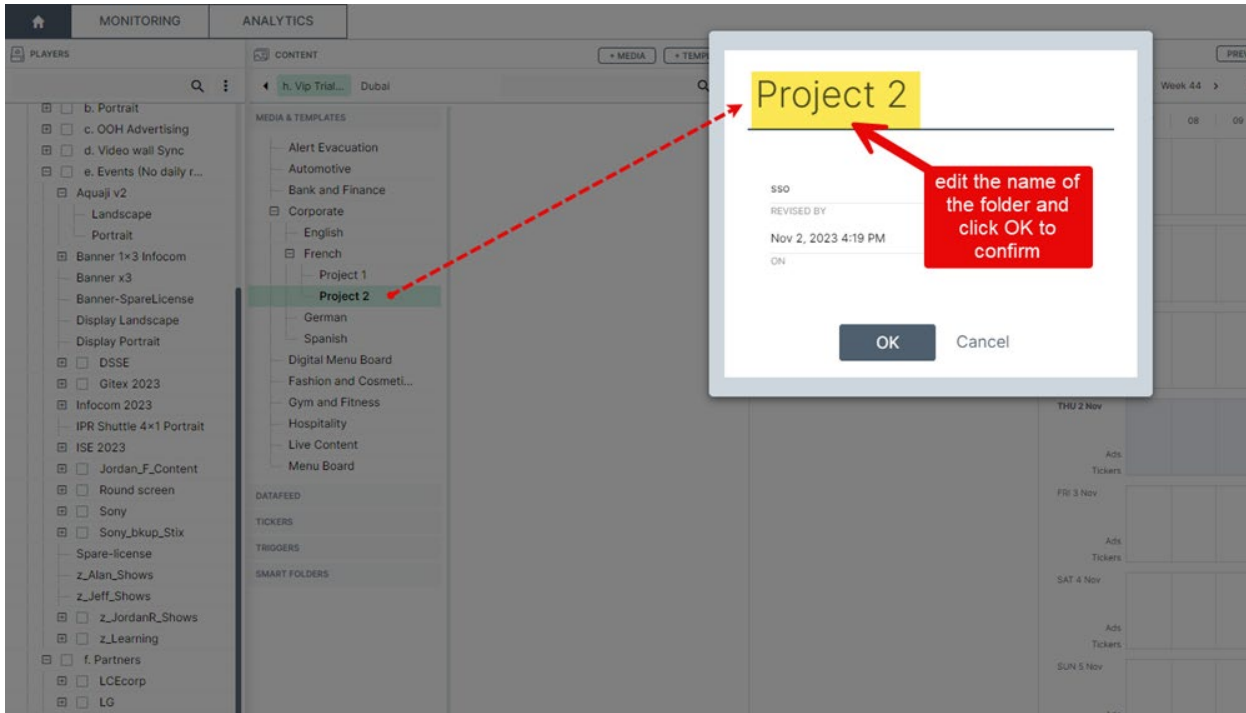


### Renaming folders

Hover on any folder to show the edit properties icon.



Click the icon to open the properties window.



Click **OK** to confirm your changes.

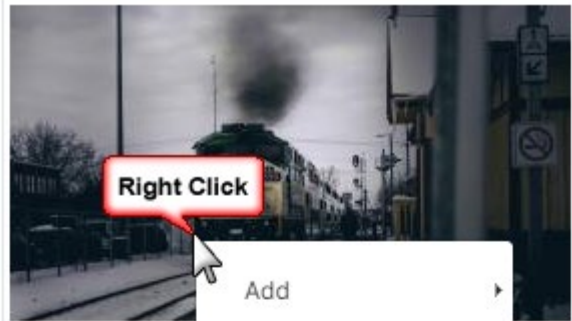
## Moving content between folders

Use the **Cut** and **Paste** method (right-click pop-up menu) to to move content between folders.

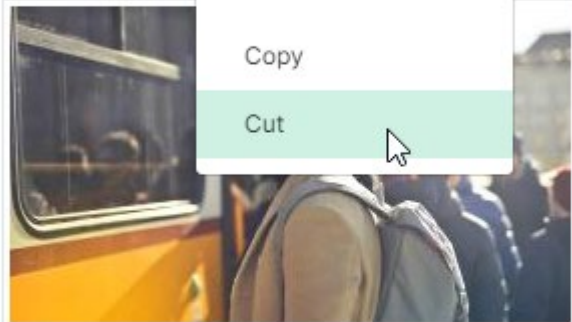
Right click the item you wish to move and then select **Cut**.



- MEDIA & TEMPLATES
- Alert Evacuation
  - Automotive
  - Bank and Finance
  - Corporate
    - English**
    - French
    - German
    - Spanish
  - Digital Menu Board
  - Fashion and Cosmeti...
  - Gym and Fitness
  - Hospitality
  - Live Content
  - Menu Board
- DATAFEED
- TICKERS
- TRIGGERS
- SMART FOLDERS



Train-08  
7s | Image



Train-07  
7s | Image



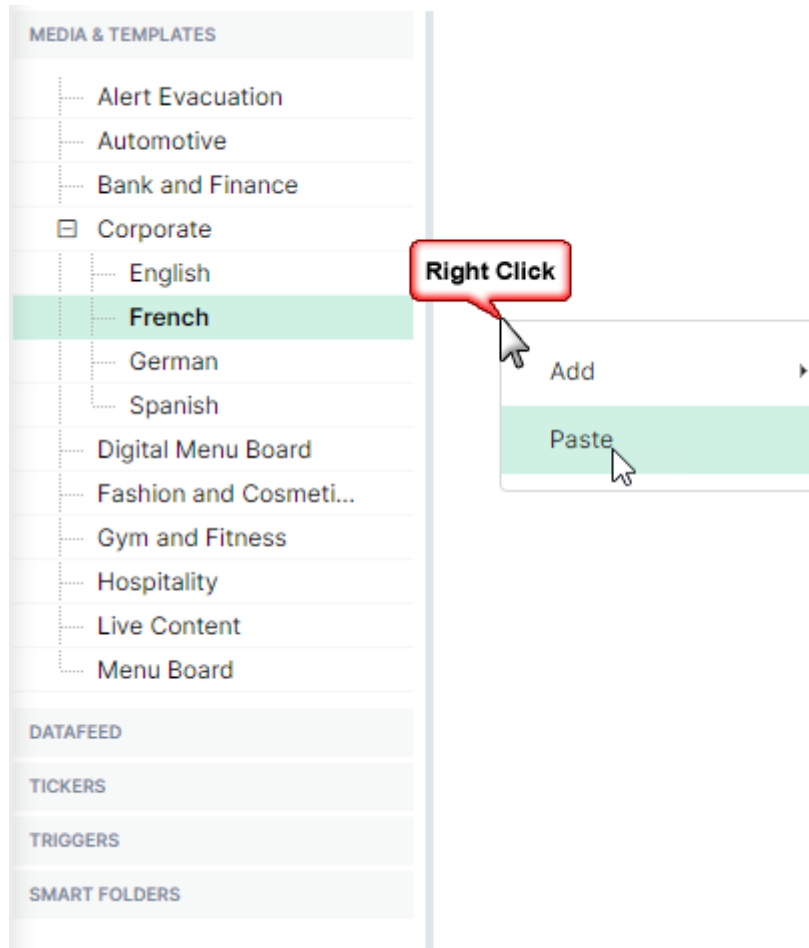
Train-06  
7s | Image



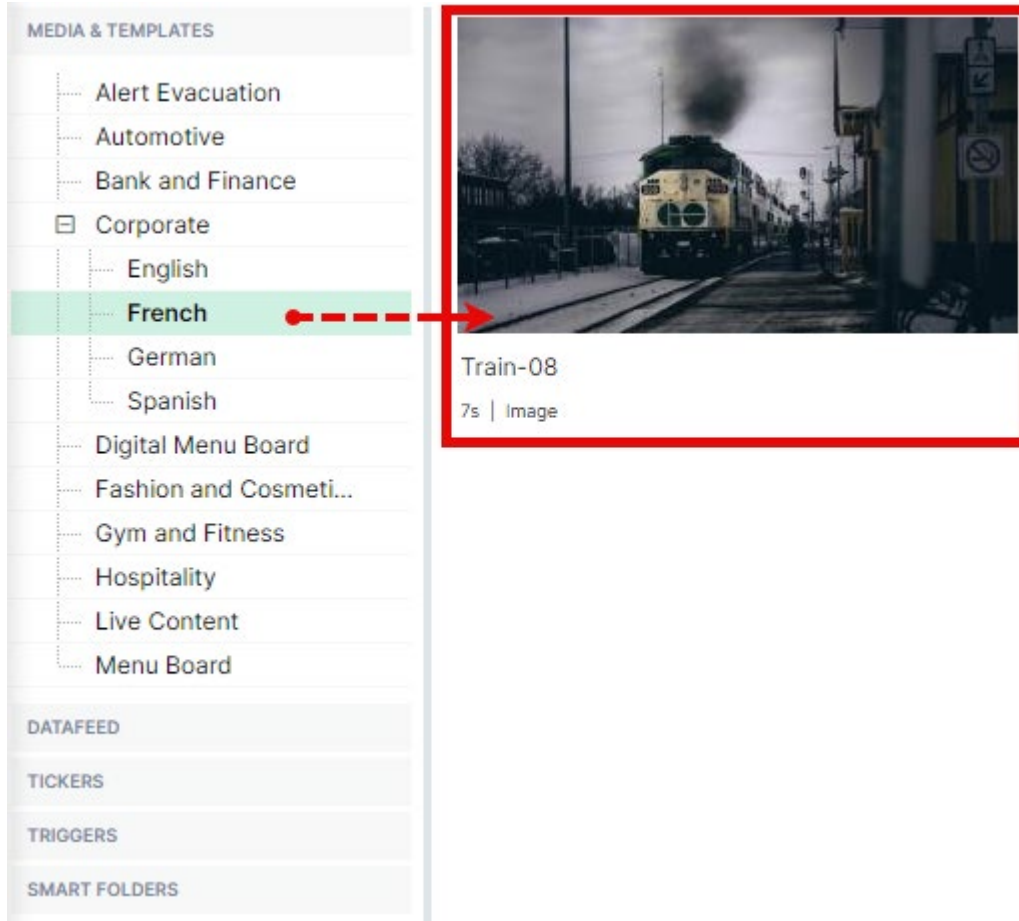
Train-05

Next, click on the folder where you want to move the content to select it.

**Right-click** inside the right pane (in the folder itself) and select **Paste**.

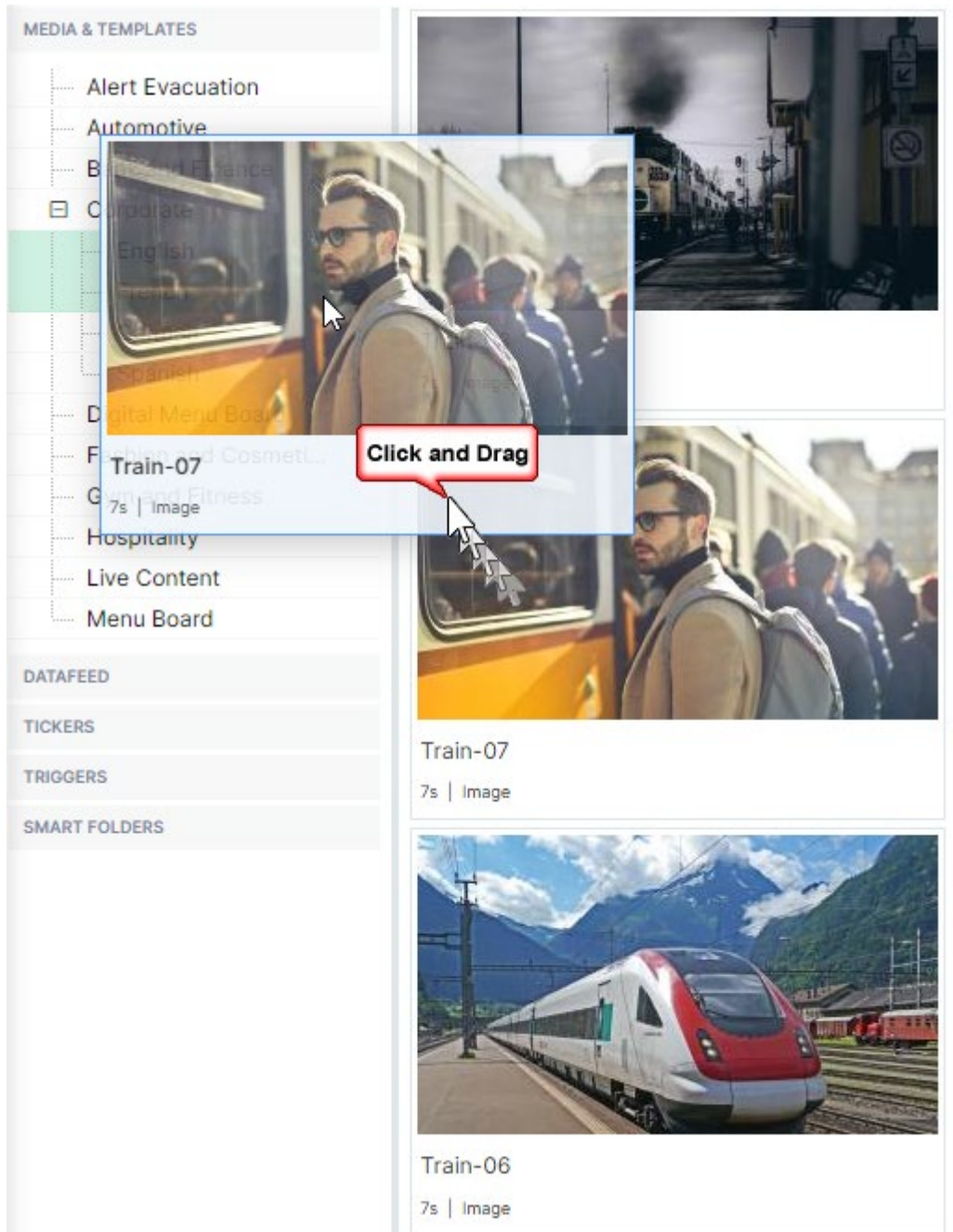


Your content will appear in the folder.



## Alternative method (moving content between folders)

You can drag content from one folder to the next. Content will be moved where it has been dropped.



## Moving multiple content at the same time

Select multiple content items by holding down the control (**Ctrl**) key while you click each item.

Selected items will show a blue outline.

MEDIA & TEMPLATES

Alert Evacuation

Automotive

Bank and Finance

Corporate

**English**

French

German

Spanish

Digital Menu Board

Fashion and Cosmeti...

Gym and Fitness

Hospitality

Live Content



Train-08

7s | Image



Train-07

7s | Image



Train-06

7s | Image



Train-05

**CTRL + click  
or  
Shift + click  
(selected content have  
a blue outline)**



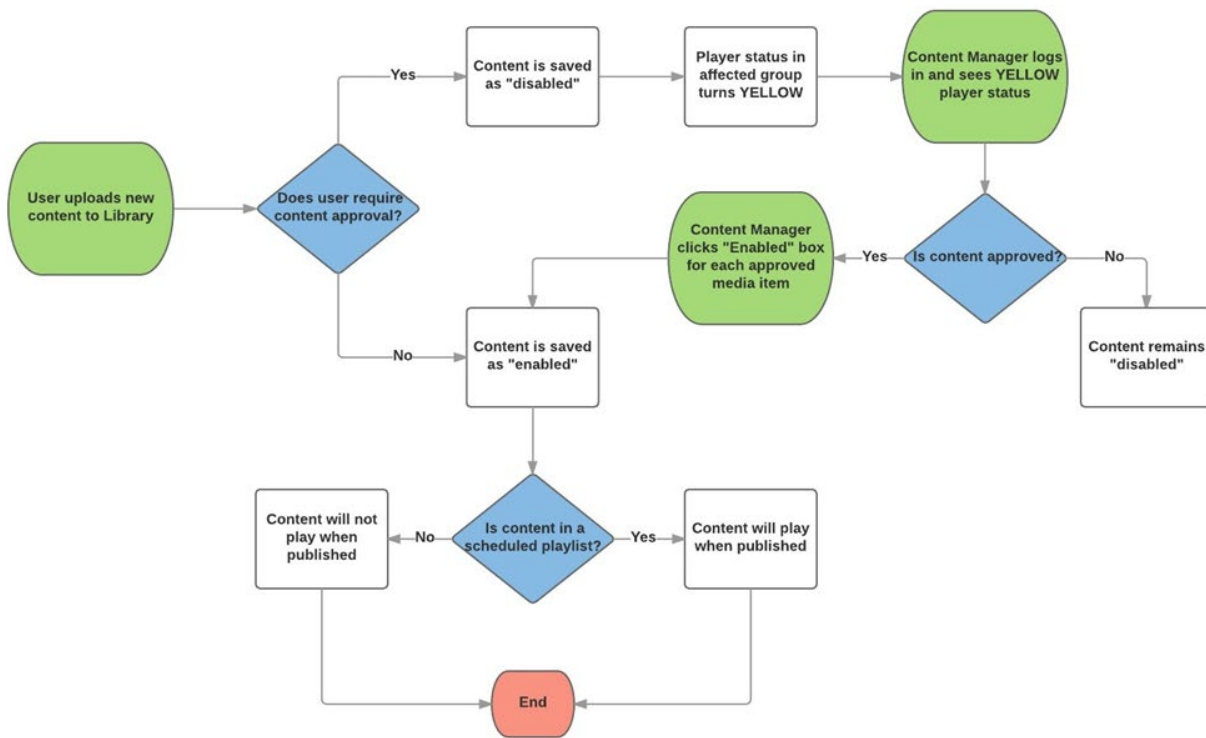
Use the same methods outlined above (cut and paste, drag and drop) to move your content.

**NOTE:** Multi-select works for other uses such as duplicating or moving content.

## The content approval process

### Simple Approvals:

Here is an outline of the [Videostar](#) content approval process (not for **Restricted Access Groups**).



### Step-by-step instructions

**IMPORTANT STEP:** You must make sure the user has a role that includes the option **Content Approval Required**.

This user account **MUST** also have an email address selected in the **Email Approval** field, otherwise the process **will not work**.

User01

OK
Cancel

**GENERAL**

---

Navori Sa  
COMPANY

---

End User  
CONTACT \*

---

E-MAIL

---

ADDRESS 1

---

COUNTRY

---

STATE / PROVINCE

---

CITY

---

ZIP

---

LANDLINE

---

MOBILE

---

**ACCOUNT**

---

QL Authentication  
TYPE

---

User01  
LOGIN \*

---

\*\*\*\*\*  
PASSWORD \*

---

\*\*\*\*\*  
CONFIRM \*

---

Nov 6, 2023  
ACTIVATION

---

Nov 6 2024  
EXPIRATION DATE

---

IP Restriction:

---

#

1	
2	
3	
4	
5	

**ASSIGN PROFILE**

---

Default  
TYPE \*

---

Power user  
ROLE \*

---

All Alerts  
ALERTS \*

---

All Events  
EVENTS \*

---


w.blueberry@genopticsmartdisplays.com  
E-MAIL APPROVAL

---

E-mail Notification

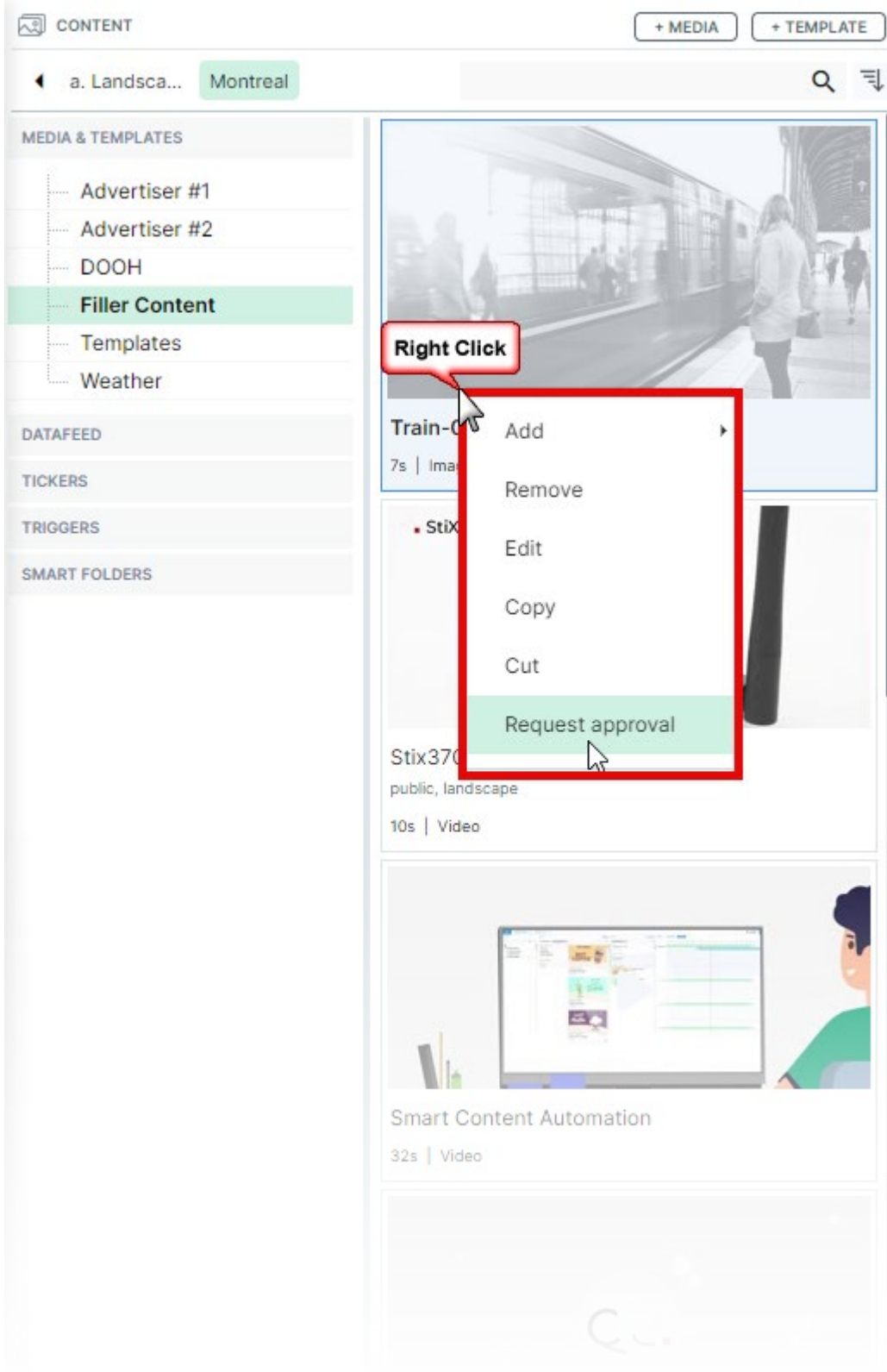
---

Note: You must select one profile for each option. Please do not forget to select the E-mail Notification check box to receive automated e-mails when an alert is detected.



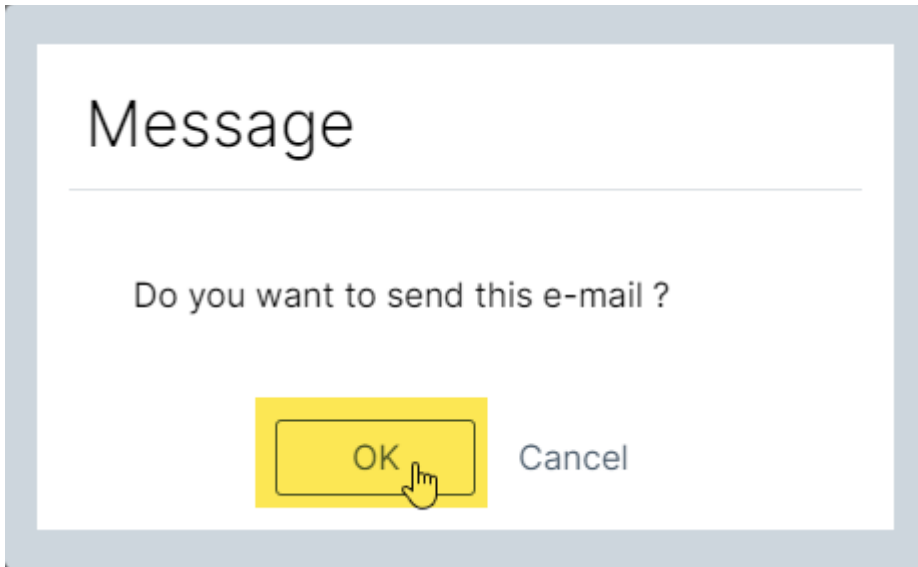
Users who require content approval can log in and upload new content, however the content will be disabled (it will be greyed out).

In order to use this content, the user must request approval by right-clicking on the item and select the option **Request Approval** from the pull-down menu.

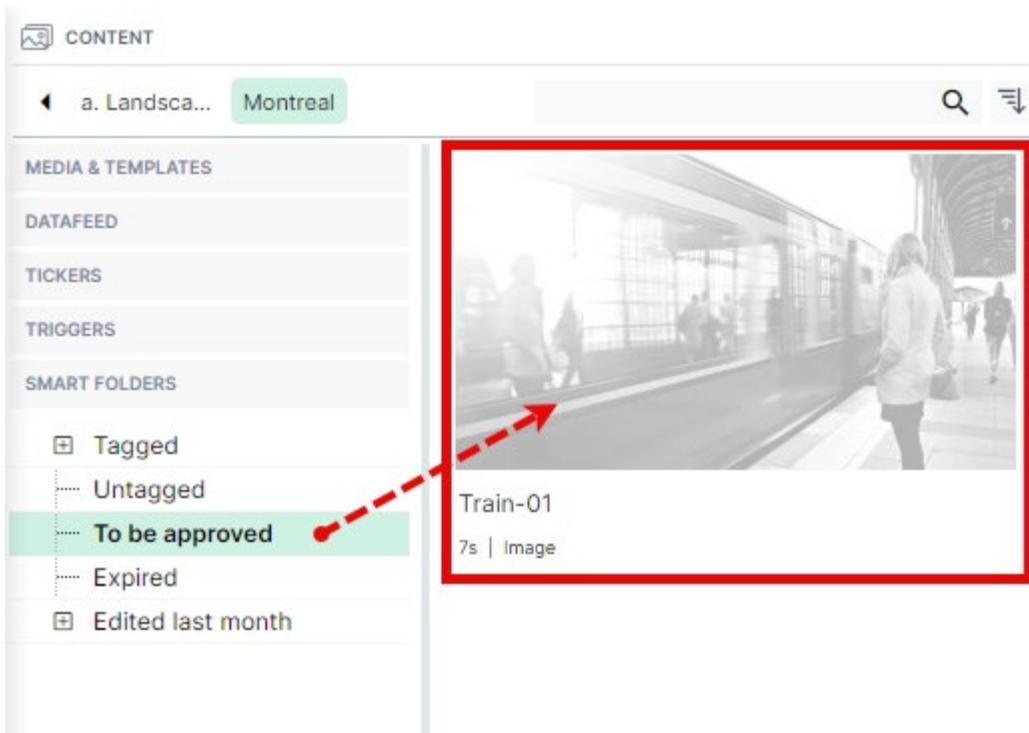


The user will be asked to confirm if they want to send out an email with the approval request to the designated person.

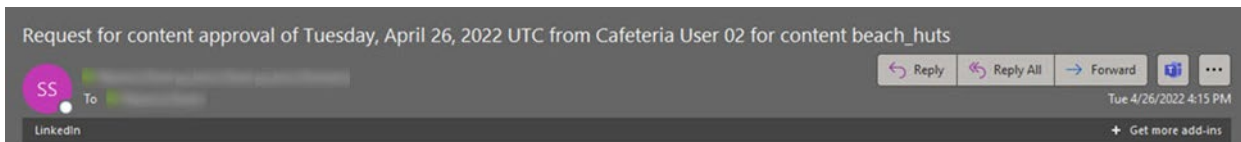




All content pending approval will appear under the **To be approved** Smart Folder.



The person in charge of approving content will receive an email as per the example below.



The content beach\_huts has been submitted for your approval by Cafeteria User 02 on Tuesday, April 26, 2022 8:14:52 PM UTC

The content is located in : Cafeteria  
The content name is : beach\_huts

Please note :  
You can check for all the remaining approval requests by typing the keyword "approval" in the content search box field.

Le contenu beach\_huts a été soumis à votre approbation par Cafeteria User 02 le Tuesday, April 26, 2022 à 8:14:52 PM UTC

Le contenu se situe dans : Cafeteria  
Le contenu se nomme: beach\_huts

Veuillez noter:  
Vous pouvez vérifier la liste des contenus en attente d'approbation en tapant le mot clé "approval" dans le champs de recherche des contenus.

At this point, the approver must log into the **Content Manager** with their credentials and approve the media by opening its properties and checking the **Enabled** box..

Approved content will appear normally (no longer greyed out) and can be used in a playlist.

## CONTENT APPROVAL USING RESTRICTED ACCESS GROUPS

Users can create **protected groups** whose sole purpose is to store content that is protected from any changes.

This content must be copied and pasted into a user's own working groups before it can be assigned to a playlist and shown on screen.

If the user modifies this content in any way, the content becomes disabled and cannot be used until approved by a manager.

The user must request approval before the content can be assigned to a playlist and shown on screen.

This process is described in detail on the [Restricted Access Group](#) page.

The Playlist window

## Introduction

Playlists are loops of content (media files, web pages, templates, streaming video) that you use to create your programming.

Depending on their intended use, playlists fall into two categories:

- Playlists intended to be scheduled and played by a VIDEOSTAR Player.
- Playlists intended to be displayed inside a template.

***It's important to note a playlist assigned to the scheduling grid cannot also be assigned to a template at the same time.***

If you schedule a playlist, it can only be used for that purpose. The reverse is also true. Assigning a playlist to a template zone means you can no longer schedule it.

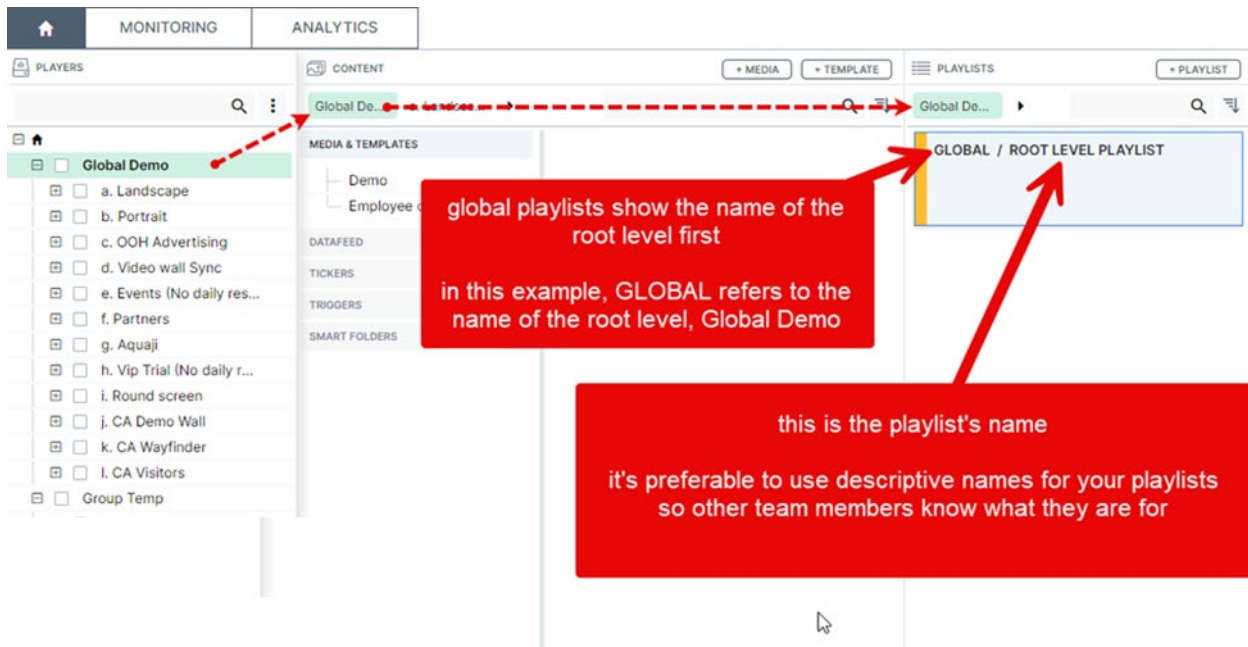
It makes sense to name your playlists in such a way their purpose is clear to other users. For example, a playlist named "Template – Left Zone" indicates this playlist is used in the left zone of a template. A playlist named "Morning", "Weekend" or "Daily" indicates the playlist is scheduled for that time period.

Playlists are created and managed in the playlist window. Each playlist is represented by a colored symbol and the color is automatically assigned by the software at random. This is so the playlist is easier to locate in the playlist window or in the scheduling grid.

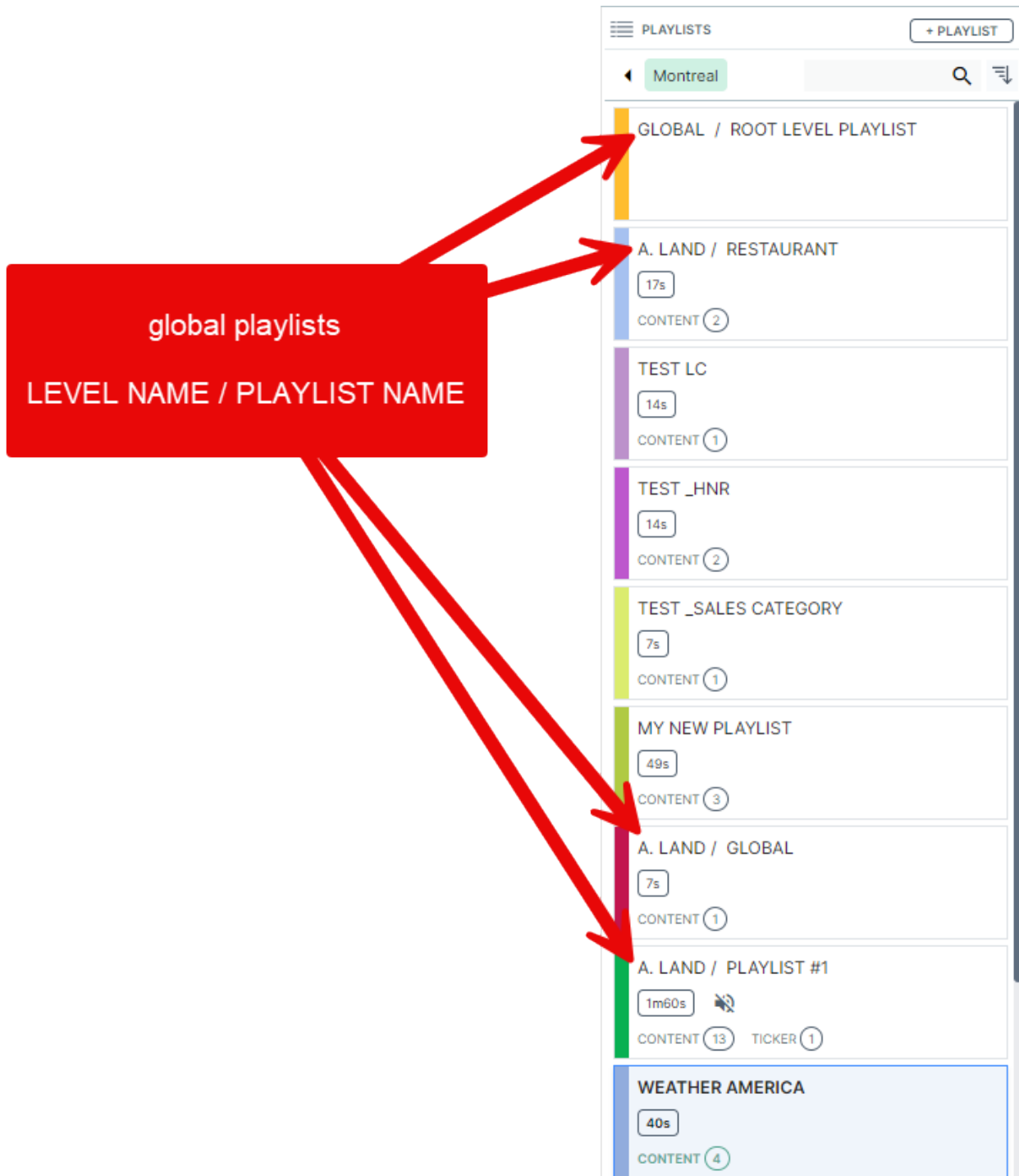
### Playlist hierarchy

Playlists assigned to the top (root) levels are deemed to be "global" meaning they can be assigned to sub-groups directly below the current group.

Global playlists display an abbreviated name that refers to their location. In the example below, the "Global" prefix refers to "Global Demo" which is where the playlist is located. This playlist can be shared and used in any levels below. The higher the playlist is in the group/sub-group hierarchy, the more shareable it becomes.

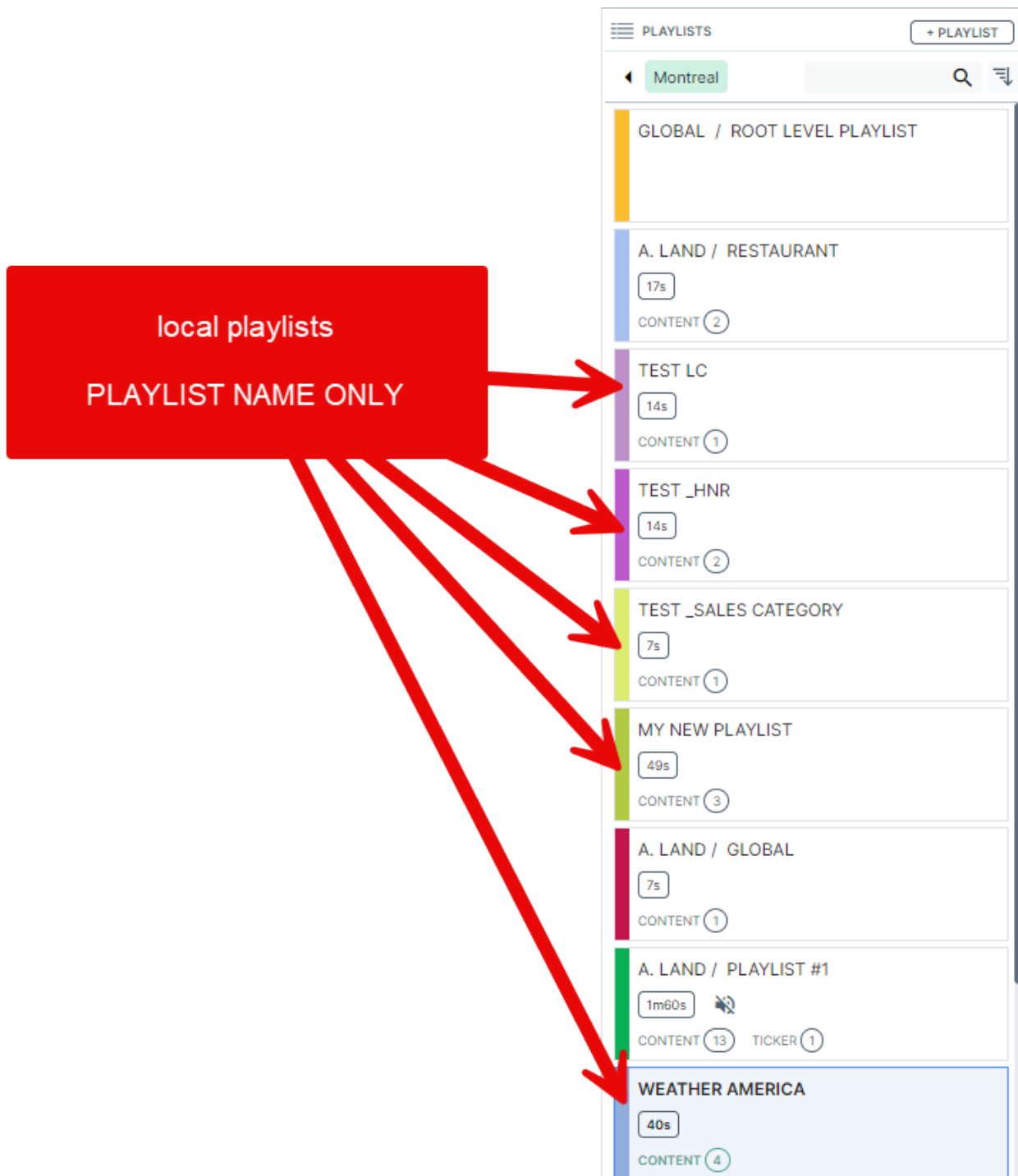


Global playlists show the name of the level they are located on, followed by a slash (/) and the name of the playlist.



Playlists assigned to the lowest level in the network (level where players are located) are deemed to be “local” meaning they can only be assigned to the currently selected level, or sub-group.

Local playlists do not show any prefix before their names.

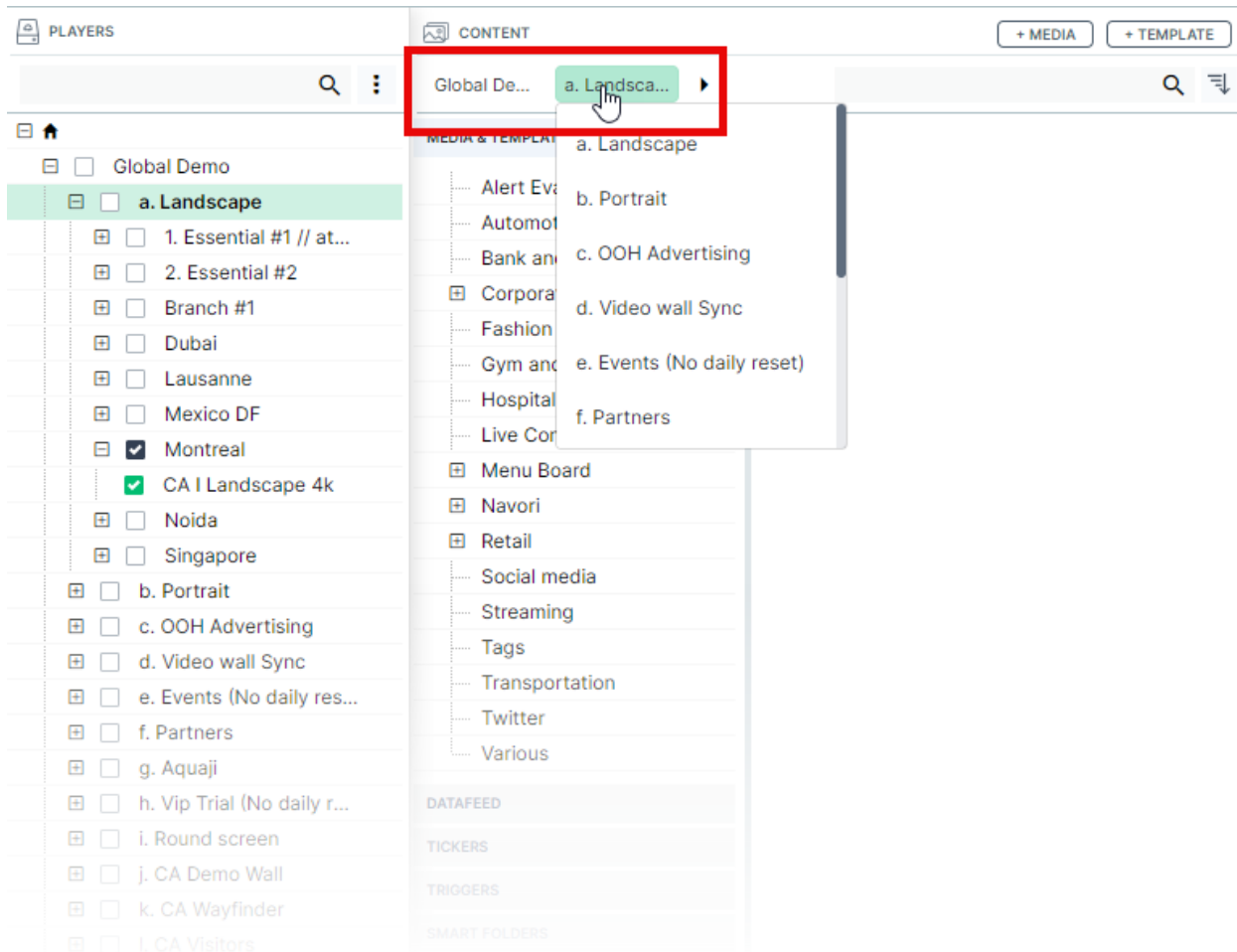


To navigate between levels, either click on a group or sub-group name in the player window or select the level by clicking on it's name at the top of the playlist window (also known as "breadcrumbs").

- Clicking on a sub-group name (where players are assigned) will automatically reset the view of the content, playlist and scheduling grid windows.
- Clicking on the group/sub-group name under content or playlist will let you navigate higher in the hierarchy (assuming your user account is configured to access these levels).

If you know there are levels above and you can't see them in the **Content Manager**, use the left and right arrows to navigate the levels.

Clicking on a level's name will let you select its sublevels.



If you can't see the level, you are looking for, contact your server administrator so he/she can modify your access.

**IMPORTANT:** Changes made to a global playlist will affect every sub-group where the playlist is used. Changes made to a local playlist only affects the current sub-group.

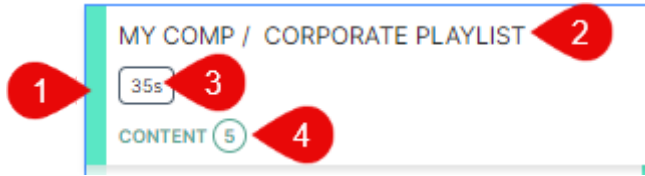
## Playlist window details

The playlist window is where you will find all the playlists that have been created in the currently selected group/sub-group.

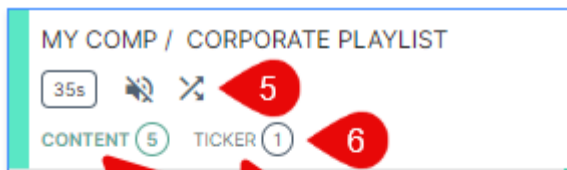
1. The color band representing each playlist.

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2. The playlist name.
3. The playlist duration.
4. The number of items in the playlist.



5. Symbols that represent the playlist's settings. For example: muted sound, suppressed ticker, random playback.
6. The number of tickers assigned to the playlist.

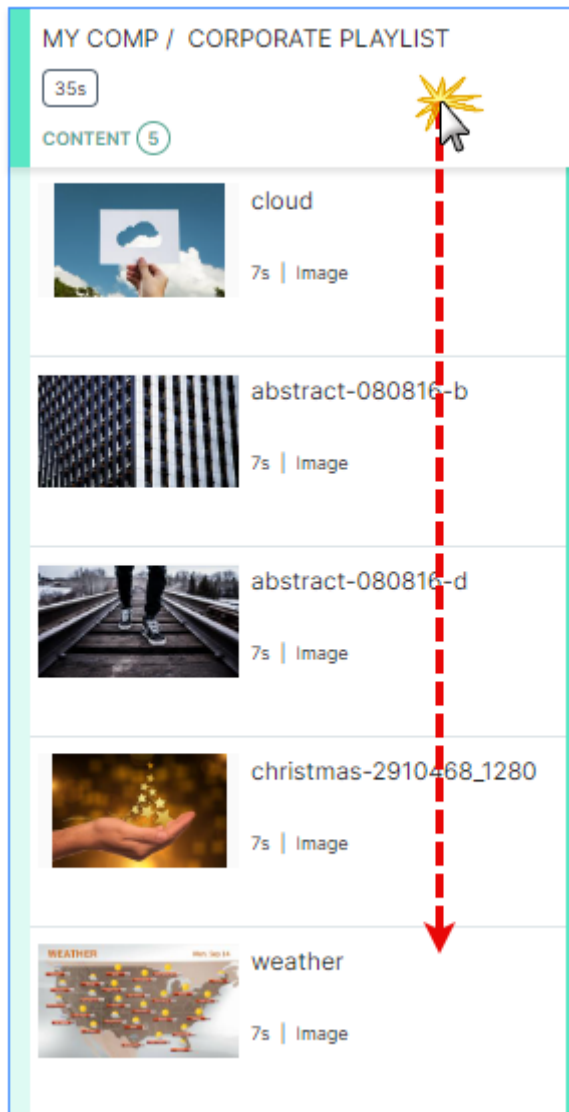


click to toggle  
between  
content and  
ticker view

- Click Content/Ticker to toggle view.

Clicking on any playlist will display its contents (media/templates).

- Each content item's thumbnail.
- Each content item's name.
- Duration.
- Type of content.
- Symbols representing validity status (if assigned).



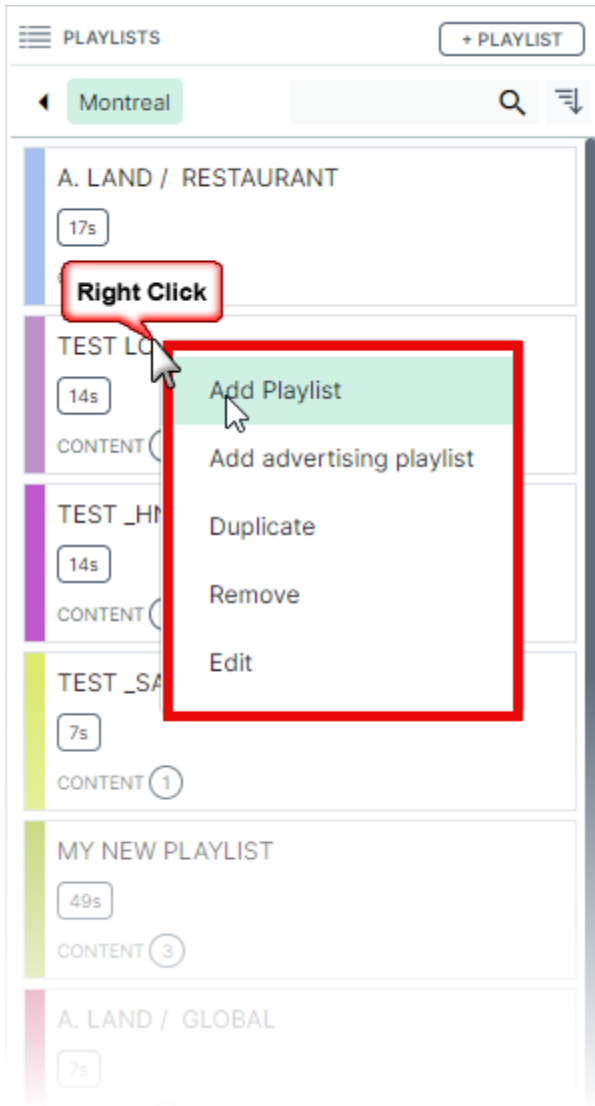
## Creating a new Playlist

To create a new playlist, proceed as follows:

Right click in the top pane to bring up the popup menu.

Select **Add playlist** to add a regular playlist to the window.

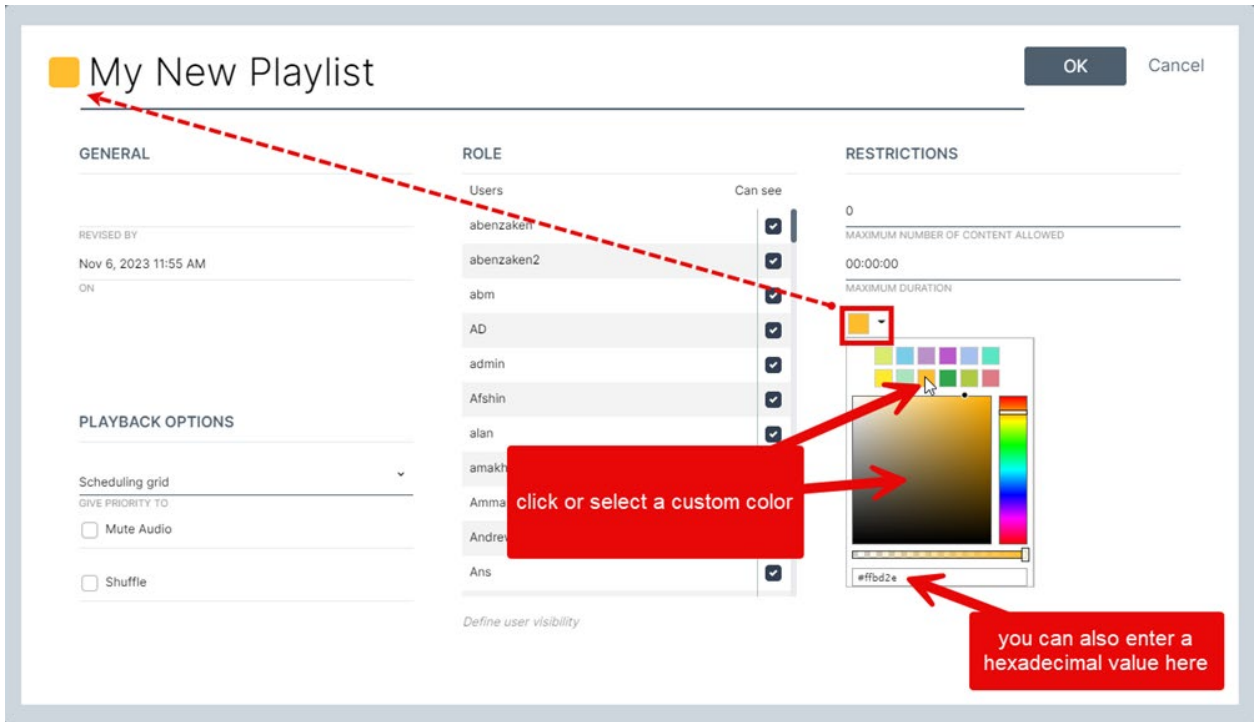




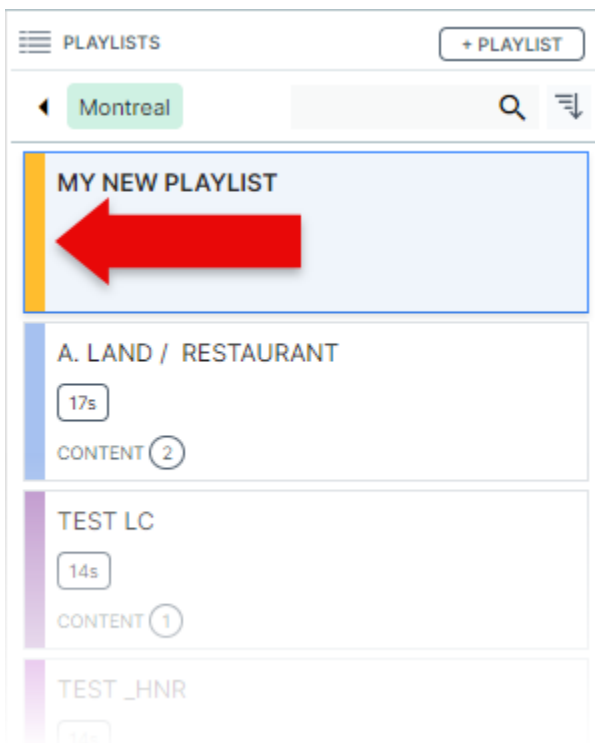
The **Playlist property** window will open.

The screenshot shows a configuration window for a playlist. At the top, there is a 'Name' field with a red callout '1'. Below it are three tabs: 'GENERAL' (callout '2'), 'ROLE' (callout '3'), and 'RESTRICTIONS' (callout '4'). The 'GENERAL' tab shows 'REVISED BY' as 'Nov 6, 2023 11:55 AM' and 'ON'. The 'ROLE' tab shows a table of users with a 'Can see' column containing checkboxes. The 'RESTRICTIONS' tab shows 'MAXIMUM NUMBER OF CONTENT ALLOWED' set to 0 and 'MAXIMUM DURATION' set to 00:00:00. A red callout '5' points to a color selection dropdown in the 'RESTRICTIONS' tab. The 'PLAYBACK OPTIONS' section (callout '6') includes 'Scheduling grid', 'GIVE PRIORITY TO', 'Mute Audio', and 'Shuffle' checkboxes. At the bottom of the 'ROLE' tab, it says 'Define user visibility'.

1. **Name** the new playlist.
2. **General settings:** Shows the name of the user who created the new playlist and the date/time it was created.
3. **Role:** If the currently selected group has multiple users who have been granted access, their names will be listed in the Role table. All users will have the “Can see” option selected by default. To hide the new playlist from any users, deselect them from this list. These users will no longer see this playlist when they log-in.
4. **Restrictions:** By default, playlists are unrestricted. You can add as much content as you want to these playlists. However, users can set restrictions that limit the total number of items that can be assigned to a playlist, or they can restrict the maximum total content duration the playlist can accept. Once restrictions are set, users are not allowed to exceed these parameters. A popup notice will be shown if they attempt to add too much content.
5. **Color identifier:** A random color is assigned to each playlist, but you can change this color by clicking the down-arrow and then picking the color of your choice. You can also enter any hexadecimal in the field below the transparency slider.



The color identifier will appear on the left side of the playlist window.

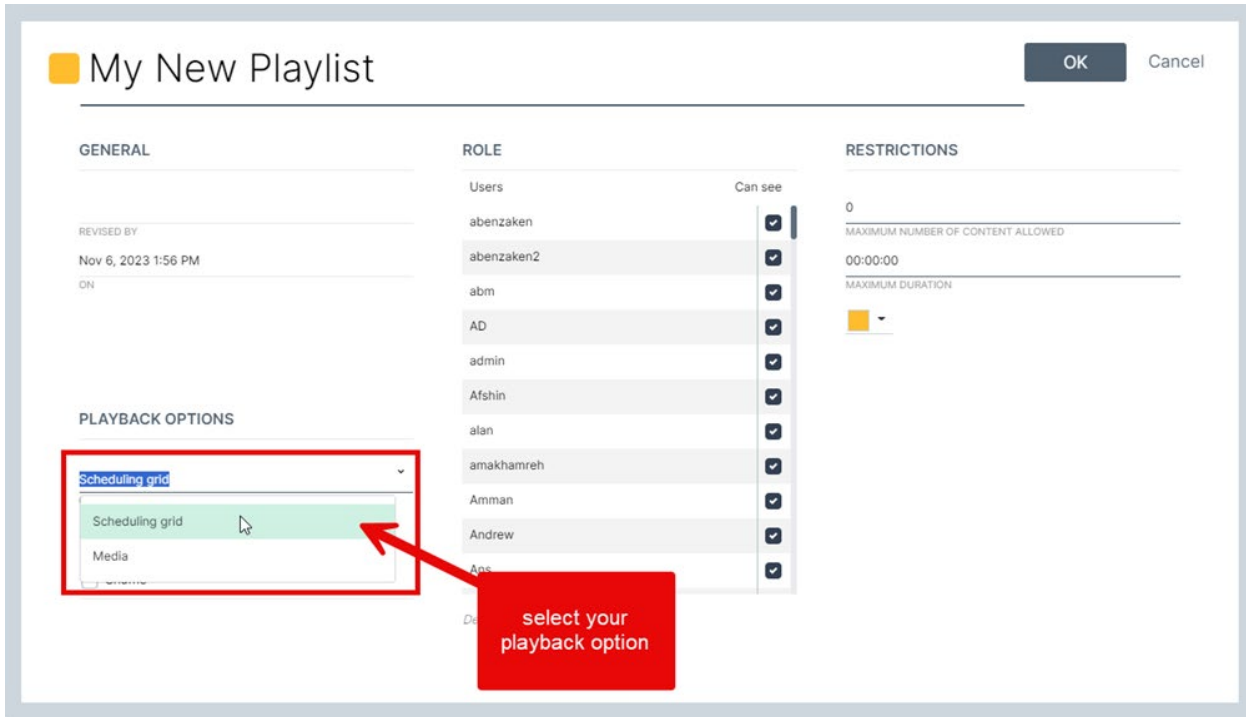


You can track which playlist is associated with each time slot by looking at its corresponding color.

The screenshot displays a media scheduling interface. On the left, a 'PLAYLISTS' sidebar lists several playlists, including 'A. LAND / RESTAURANT', 'TEST LC', 'TEST\_HNR', 'TEST\_SALES CATEGORY', 'MY NEW PLAYLIST', and 'A. LAND / GLOBAL'. The 'A. LAND / GLOBAL' playlist is selected, showing a video thumbnail and the title 'Business intelligence\_Copy'. On the right, a 'SCHEDULING GRID' shows a weekly schedule from Monday to Friday. A red callout box with two arrows points to a time slot on Monday, November 6th, and the corresponding playlist item in the left window. The callout text reads: 'clicking on a time slot will display the contents of the associated playlist in the left window'.

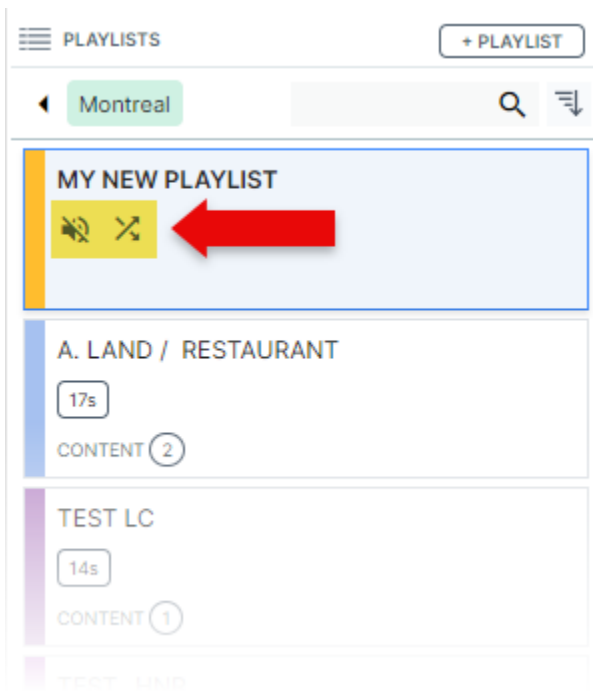
- Playback Options:** By default, priority is given to the schedule. This means that any playlist scheduled in the grid will respect its end time. Any content currently playing at this point will stop and the next scheduled playlist will begin. If the user selects **Give Priority To: Media**, the currently playing content will continue to play until its end. At this point the next scheduled playlist will begin. Selecting this option delays the beginning of the next scheduled playlist so the currently playing content has had the chance to finish (not the entire playlist, only the content that was playing at that moment).

Other selectable options are to **mute the audio** for all items listed in the playlist and set the playlist to **shuffle** content instead of following the order in which the content has been organized.



Modifying playback options will change how the playlist is represented in the playlist window.

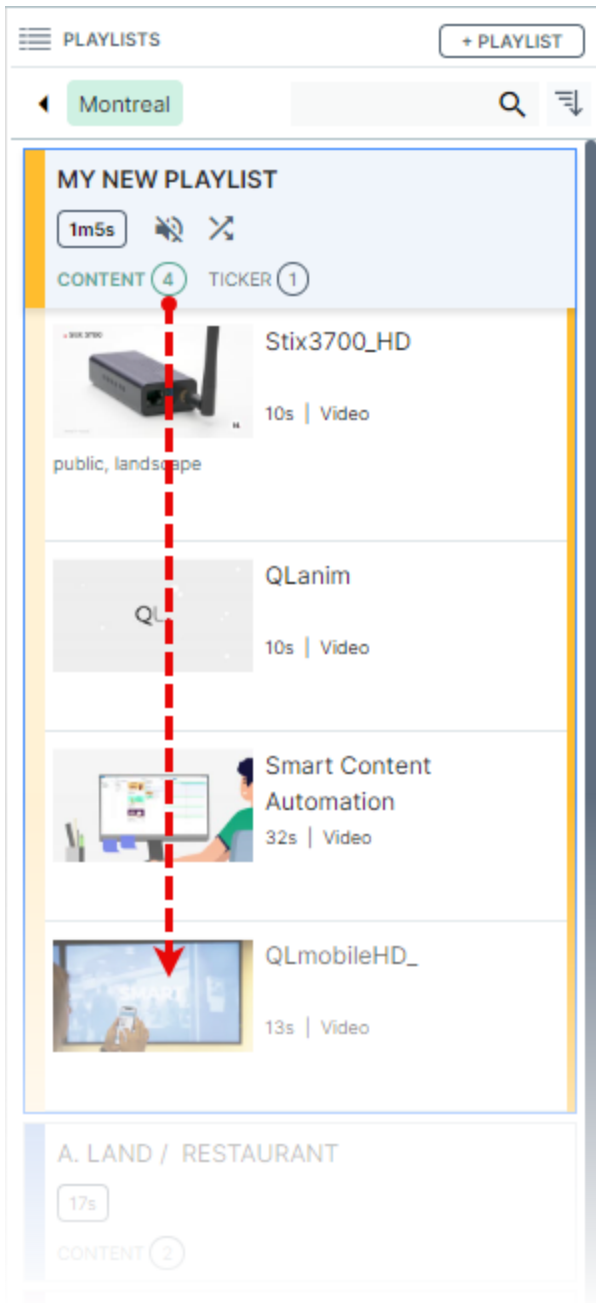
Symbols will appear when a playlist is set to shuffle play and/or mute the audio.



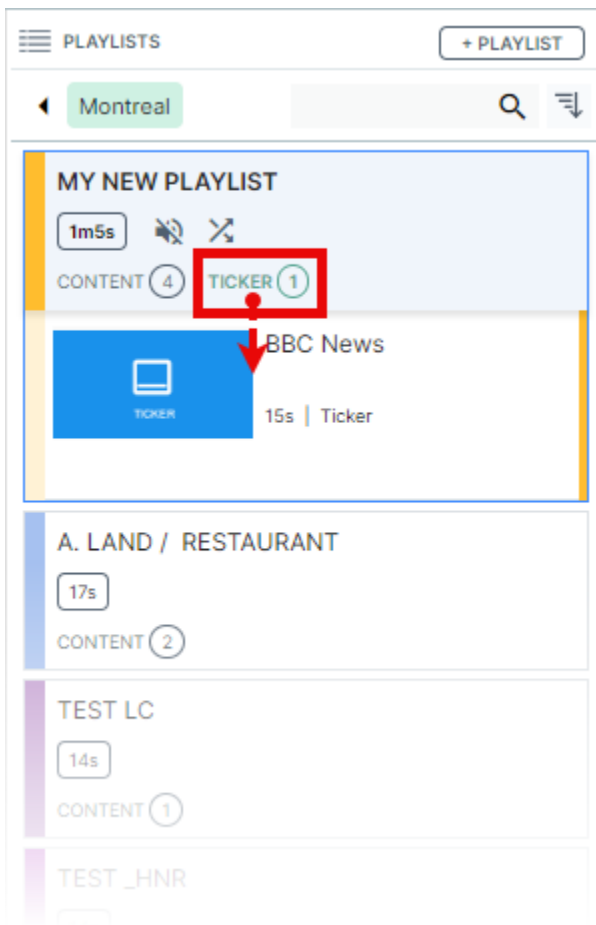
## The playlist Content Pane

Click on any playlist to expand the window and show all the media items it contains. Playlists can contain content and tickers.

In the example below, we can see the highlighted **Content** button showing the number (4). This means there are 4 media items in the playlist. **Content** is the default view.



Clicking **Ticker** will reveal the tickers that have been assigned to the currently selected playlist.



## Location Specific content

### *Definition*

By default, all the players within a group (or sub-group) will share the same content and programming. However it's possible to assign content to individual players and call up this content later by inserting "markers" in your playlists. Players will display the content specifically assigned to them when a matching marker appears in the playlist. If the player in the group has no content assigned to the marker, it will ignore it and move on to the next content in the playlist.

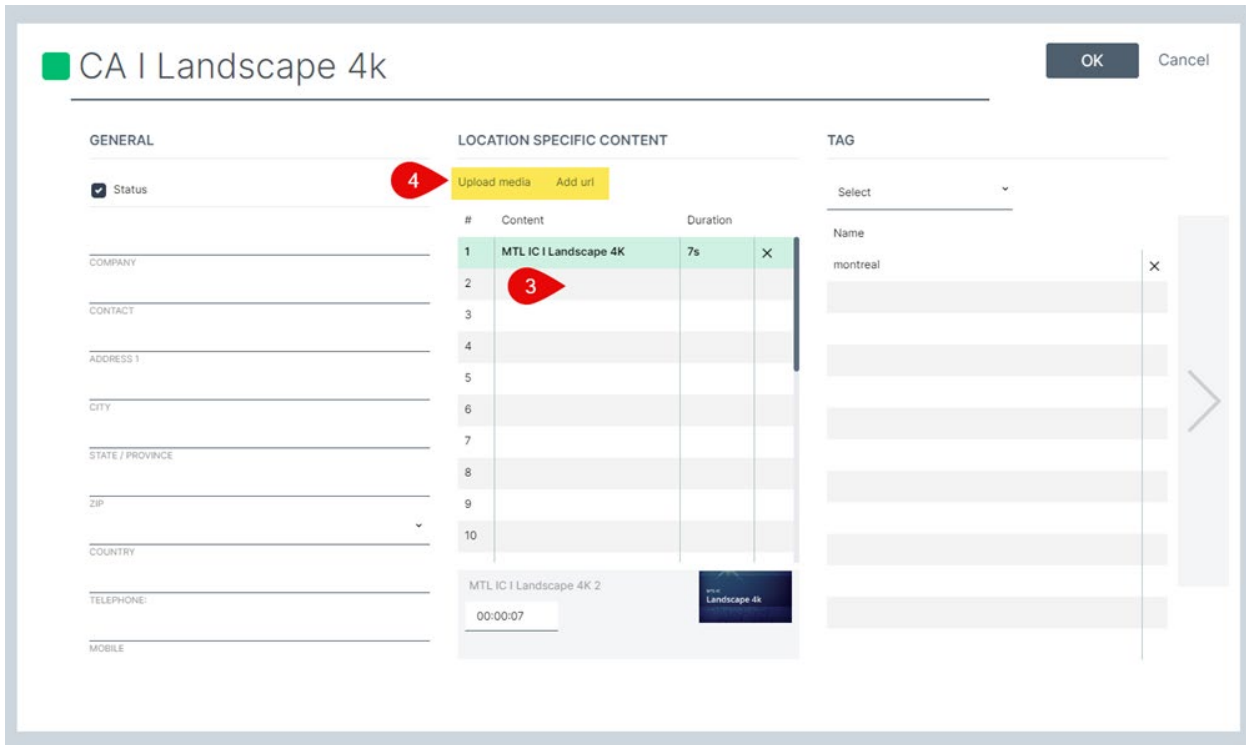
### Example of location specific content use

Let's say you are running a network of players in a food store and your players are located in each department. You organize your players into a single group as you want to display a common set of programming. However, you would like to periodically show promotions associated with each player's location. For example, you want to show an ad for lettuce in the vegetable department, and an ad for fresh sole fillets in the fish department.

The solution is to use location specific content, with different ads assigned to the same slot for each player in the group.







4. Next, click on the desired option.

If you select **Upload Media**, your PC's File Manager will open. Select a file and click **Open** to upload it to the server.

If you selected an image, you can edit the content duration (if it's an image).

Video duration is automatically detected.

## LOCATION SPECIFIC CONTENT


Upload media    Add url

#	Content	Duration	
1	MTL IC I Landscape 4K	7s	X
2	Genoptics Smart Display Website	15s	X
3			
4			
5			
6			
7			
8			
9			
10			

MTL IC I Landscape 4K 2

00:00:07



If you select **Add url**, you will be presented with a field for the content name, and a field for the URL.

Click **OK** to confirm and add the URL to the list.

Genoptic Website

name

http://WWW.genopticsmartdisplays.com

URL \*

REVISED BY

Nov 6, 2023 3:56 PM

ON

OK Cancel

The duration of any URL will be set to **15 seconds by default**.

You can increase it's duration by selecting the URL in the table and then modifying the duration below.

## LOCATION SPECIFIC CONTENT

Upload media   Add url

#	Content	Duration	
1	MTL IC   Landscape 4K	7s	X
2	<b>Genoptic Website</b>	15s	X
3			
4			
5			
6			
7			
8			
9			
10			

Annotations:

- A red box highlights the row for "Genoptic Website".
- A red arrow labeled "select item" points to the "Genoptic Website" row.
- A red box labeled "edit duration" points to the "00:00:15" duration field.
- A red box labeled "preview" points to a preview image of the website.

Items can be removed from the list by clicking the **X** in the right column.

**NOTE:** This step cannot be undone.

## LOCATION SPECIFIC CONTENT

Upload media   Add url

#	Content	Duration	
1	MTL IC I Landscape 4K	7s	X
2	<b>Genoptic Website</b>	15s	X
3			
4			
5			
6			
7			
8			
9			
10			

click "X" to delete selected item

Genoptic Website  
00:00:15

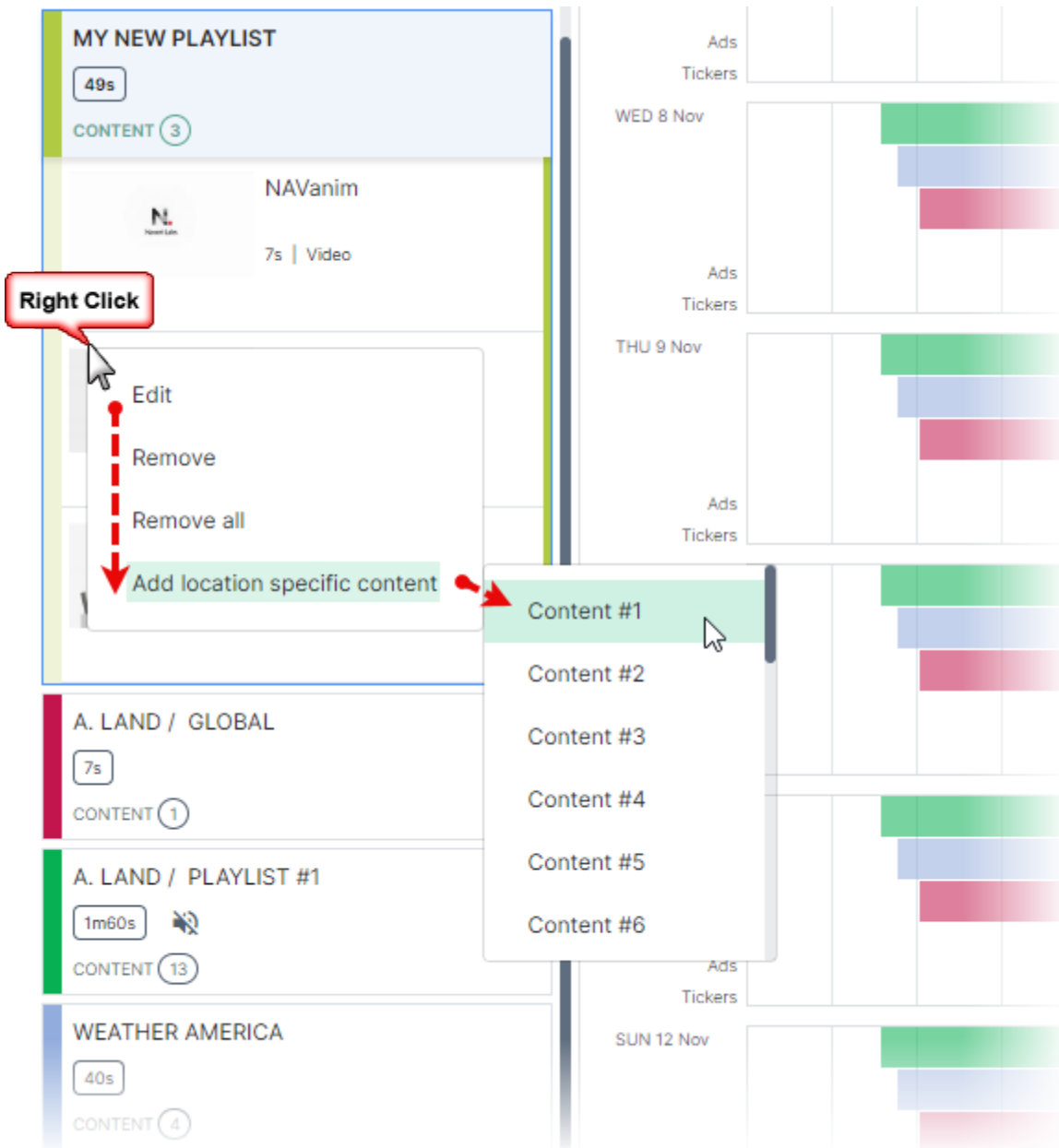


## Assigning location specific content to your playlists

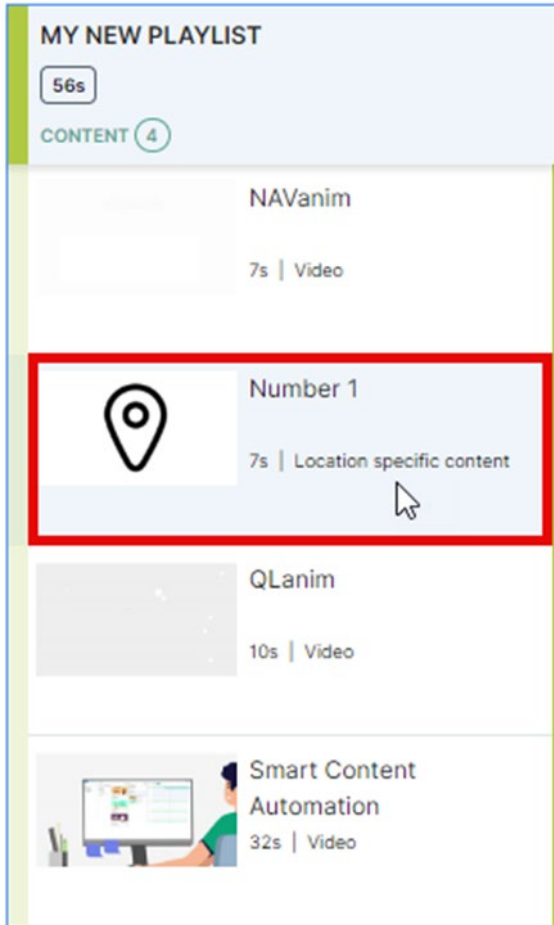
Location specific content can be added to any playlist.

To do so, proceed as follows:

1. Right click in the playlist where you want to add the location specific content “marker”.
2. Select **Add location specific content** then slide your cursor over to the right to select the marker to insert in the playlist.



3. The marker will appear in the playlist.



You can move the marker up and down the playlist just like any other content item.

Simply drag and drop the marker in its new position.

In the example above, all the players in the current group will play the first image. Next, they will look at their individually assigned item #2.

Players with no content assigned to slot #2 will move on to the next item in the playlist. Those who have content assigned for #2 will play their content.

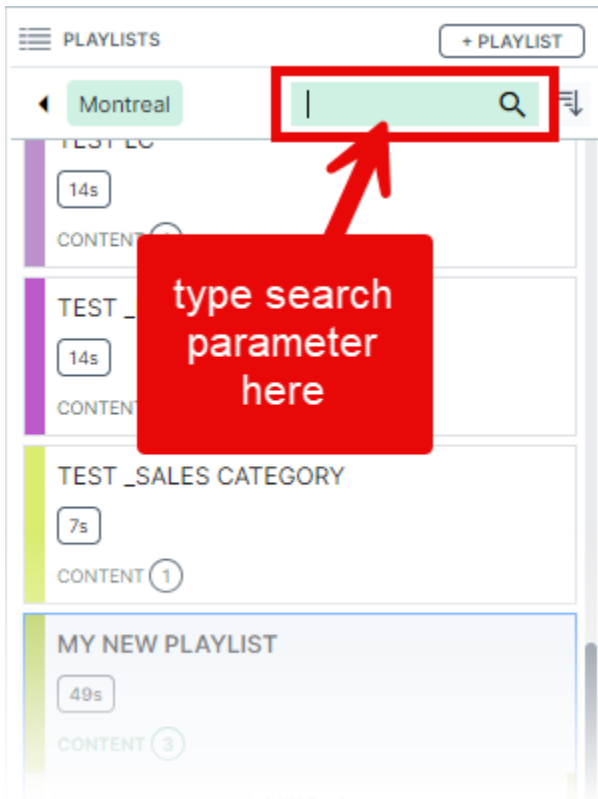
## Searching for Playlists

**VIDEOSTAR Content Manager** features a powerful search engine.

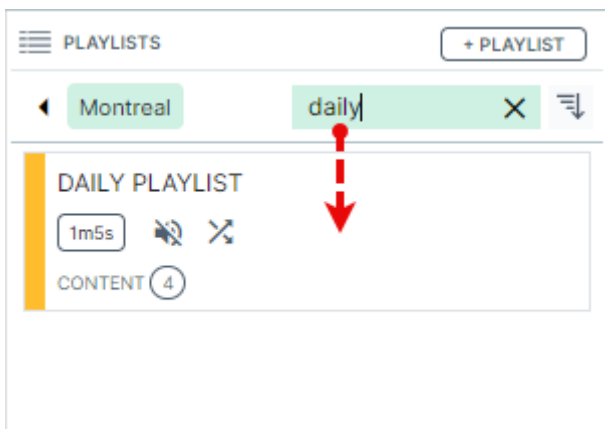
Users can search for playlists based on the complete or partial playlist name.

Searches are performed in your currently selected level, any level below. If you are searching for content at the root level, items stored at the root and all other levels below will be returned. Searches performed at the lowest level (sub-group where the players are located) will only return results for the currently selected sub-group.

To search for a playlist, move your cursor to the search symbol in the upper right-hand corner of the **Playlist** window.



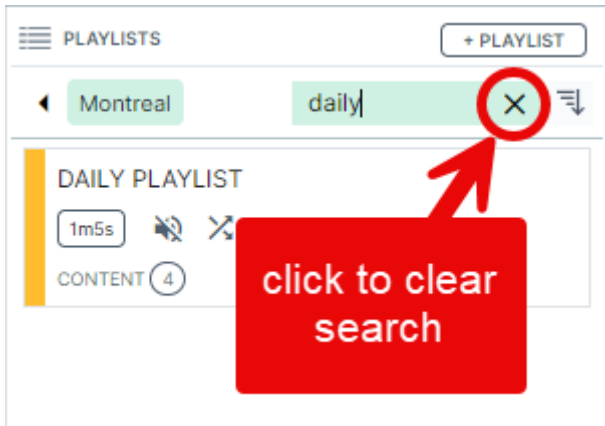
In the example above, typing “Daily” in the search field will bring back all the playlists that match the search keyword.



As long as a search is active, only the playlists that match the criteria will be visible.

To clear the search, click the **X** to the right of the field.





**NOTE:** While a search is active, you can perform all your normal activities (add the playlist to the scheduling grid, access the playlist properties, etc...).

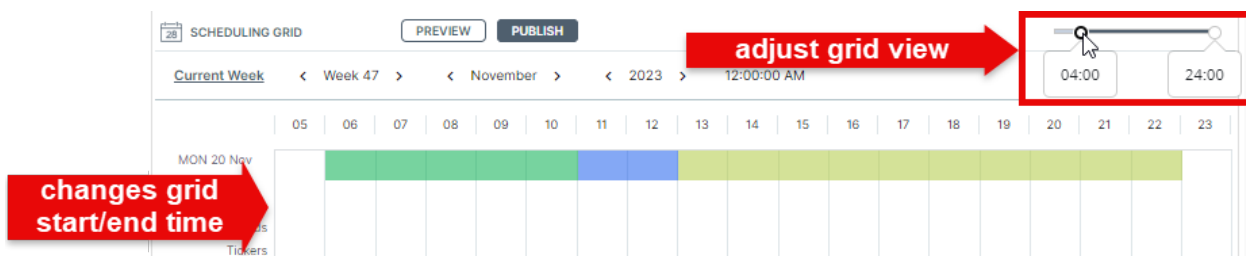
## The Scheduling Grid

The **Scheduling grid** is where users organize playlists into time slots so their content can play on their displays.

## Adjusting the grid view

You can adjust the grid's start/end times to only show a specific period of the day.

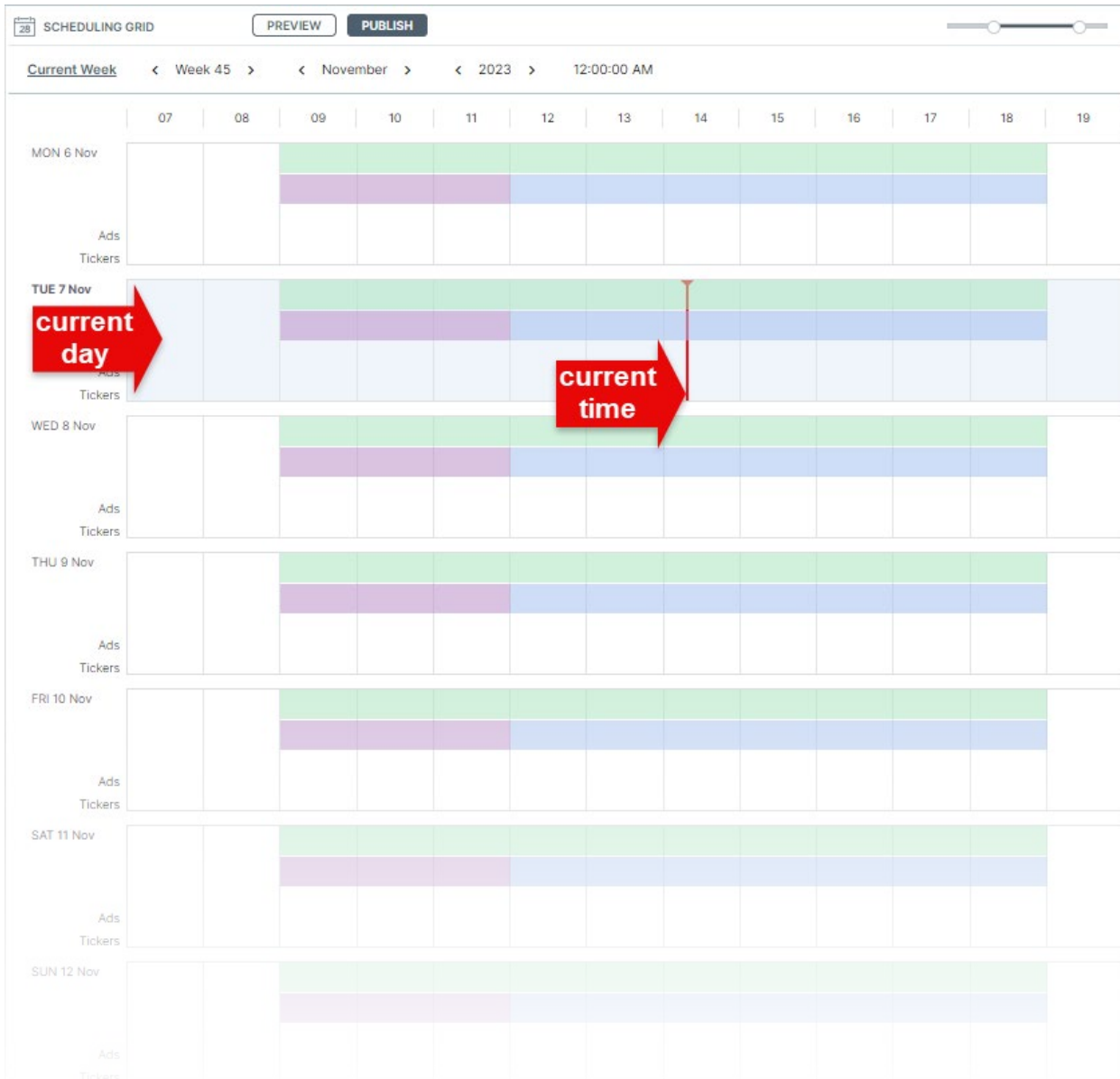
Use the Zoom slider located in the upper right area of the scheduling grid window to set the start and end times and the grid will change accordingly.



## Navigating the grid

**IMPORTANT:** Scheduled playlists cannot be used in a template zone and a playlist assigned to a template zone cannot be scheduled.

If you see an error when attempting to schedule a playlist, it means it's used in one or more templates.

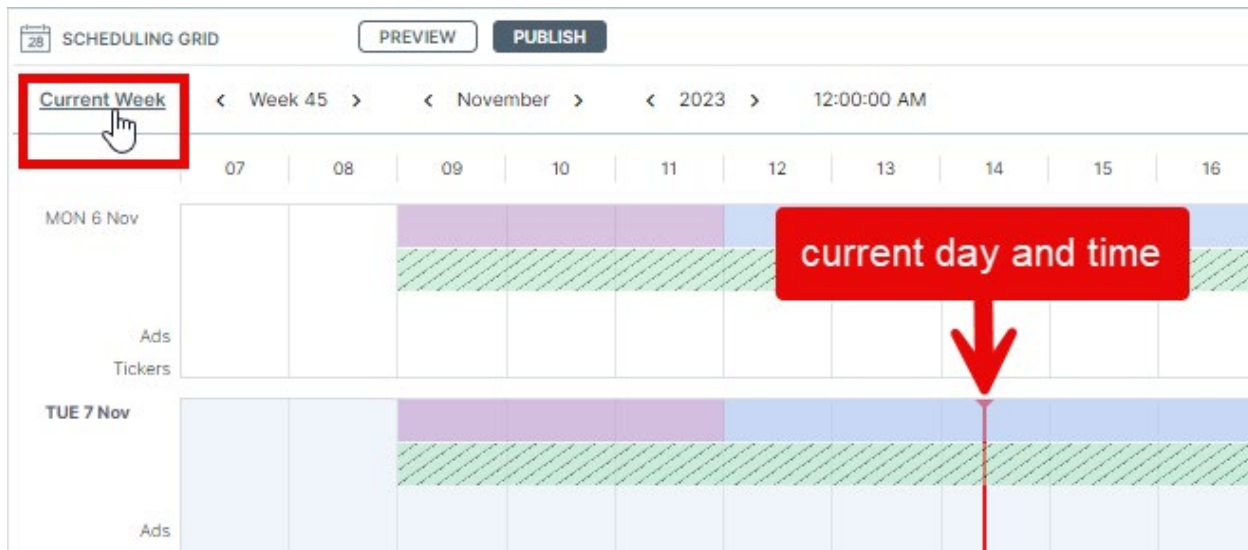


- The colored bands you see above are individual time slots.
- Time slots can be organized sequentially and multiple time slots can overlap.
- A maximum of **10 time slots** can overlap on any given day.
- Time slots are created when we drag over playlists from the upper pane of the **Playlist** window, or when we use the **Add** option in the **Time Slot** window.
- The thin red line represents the current time\*.
- The current day is shaded gray\*.

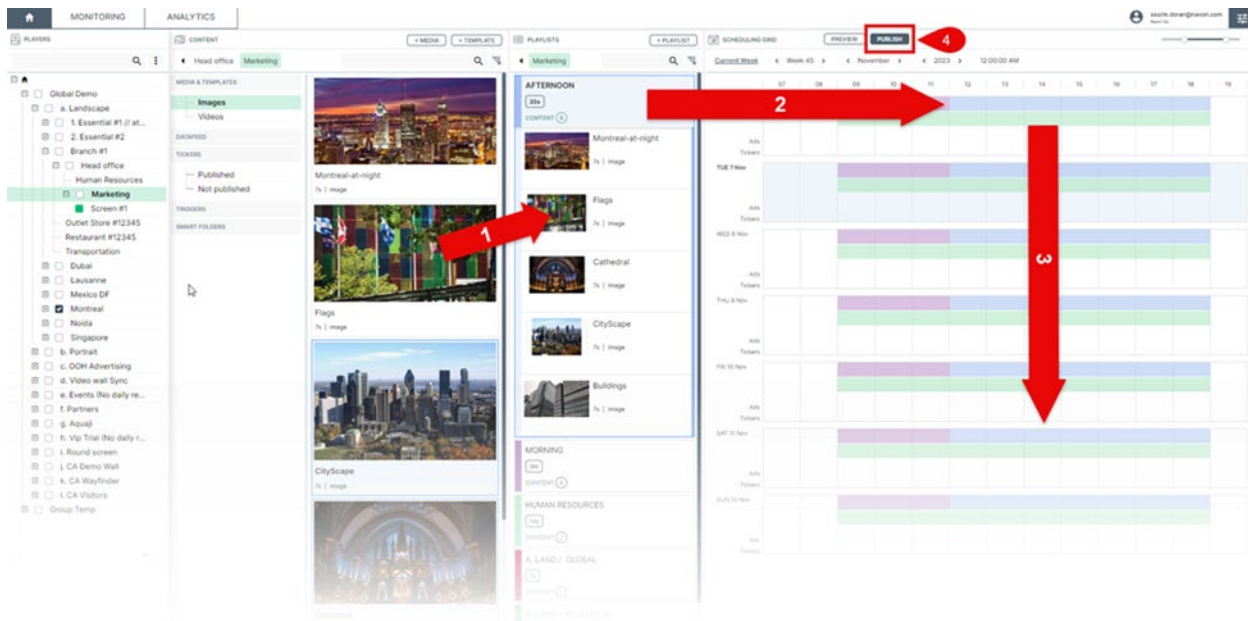
- The **Scheduling grid** is based on a 7 day calendar.
- Users can navigate forwards and backwards using the week, month and year fields above the grid.

To return from any future week view, click the “**Current Week**” button.

\*Remember that you can always tell when you're looking at the current week as it's the only one that will indicate the current day and time.



### Scheduling a Playlist - Introduction



1. Content is added to the playlist (items are dragged from the content library into the bottom playlist pane).
2. Playlist are dragged from the top playlist pane into the scheduling grid. Users select the start and end times creating playlist time slots.
3. Time slots are duplicated for as many days, weeks, months as required. No duplication is necessary if this is a single, one time event.
4. The new program is deployed to the players. Content plays on screen.

## Scheduling Playlists - advanced

**Playlist time slots** can be programmed in various ways depending on your needs.

Here are a few scenarios with detailed, step-by-step instructions.

### Continuous (24 hour) programming

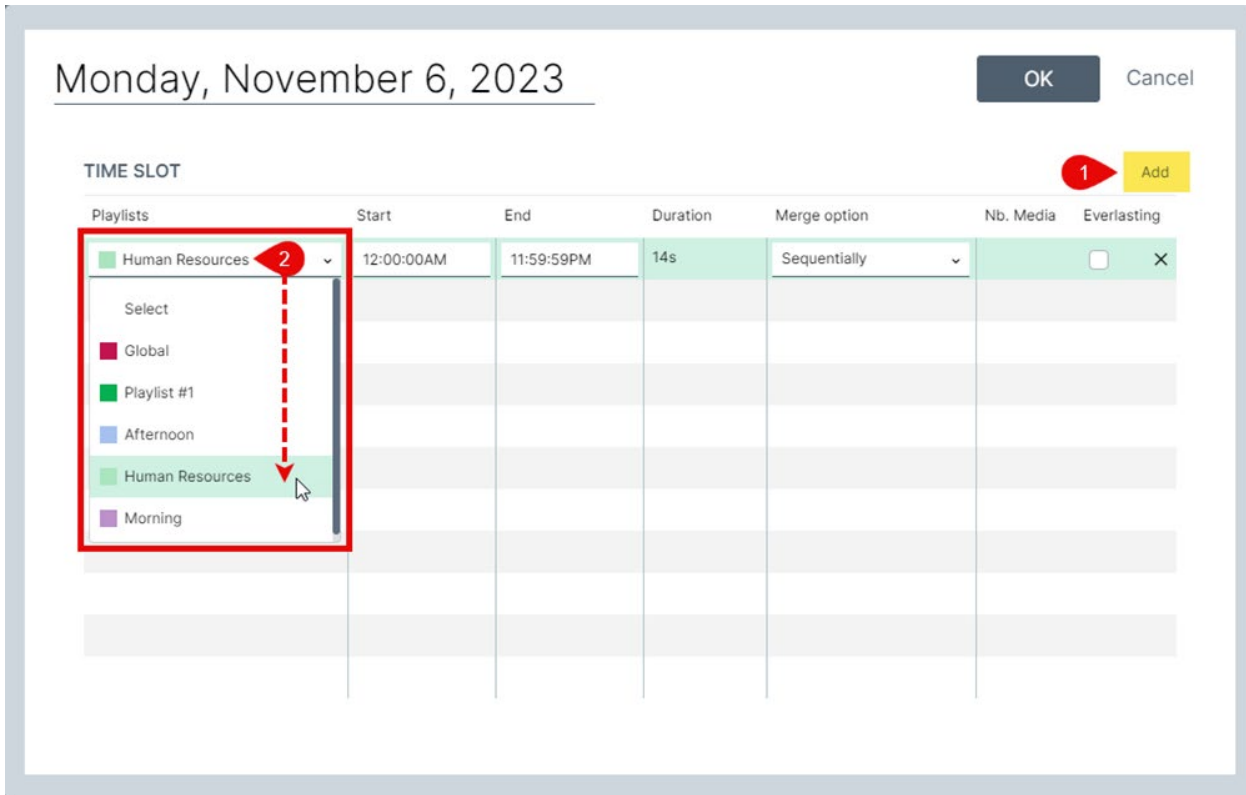
In some cases, you may only want to program a content loop that plays over and over, 24/7.

Start by creating a playlist and then add content to it by following [these instructions](#).

Next, drag over the playlist and drop it on the Monday of the current week. Alternatively, you can right-click anywhere on Monday and this will open the **TIME SLOT** window.

Click **Add** to create a new 24 hour time slot.

1. Select the playlist you wish to assign via the **Playlist** pull down menu.



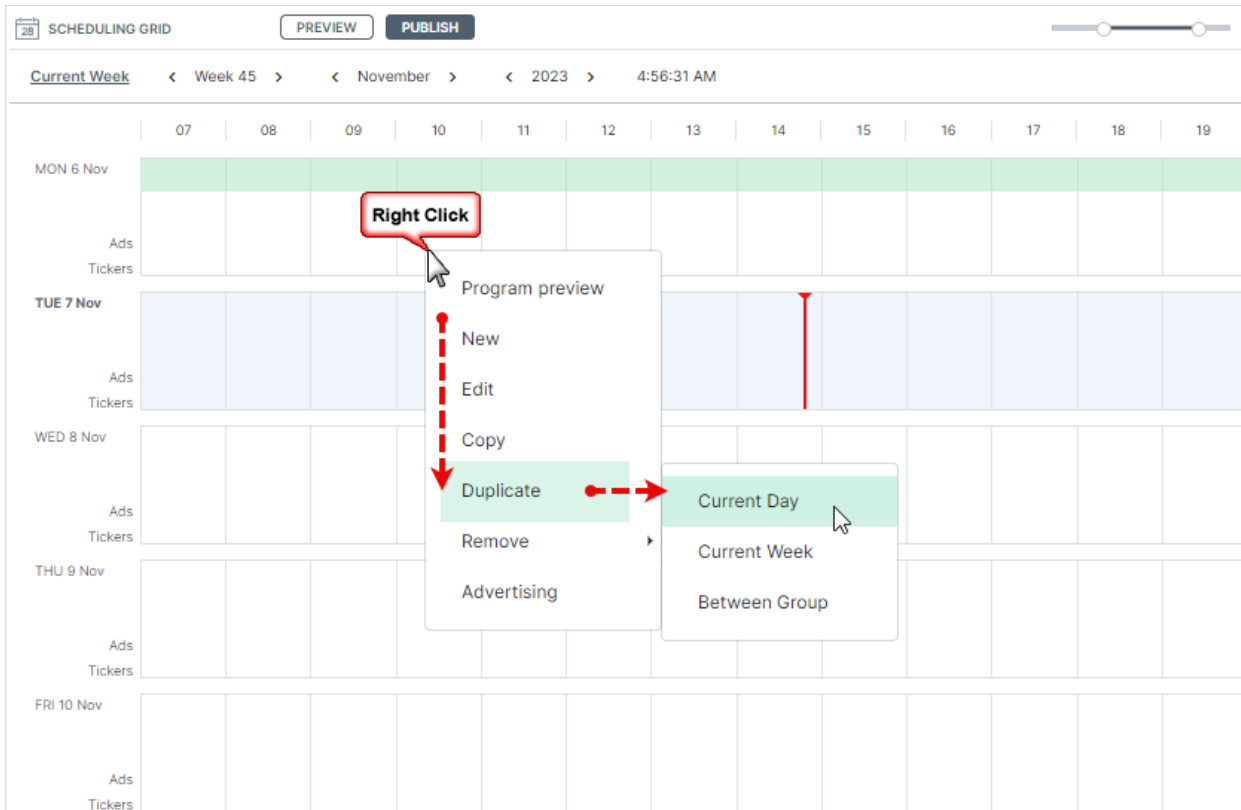
Click **OK** to confirm your choices.

This will create a single time slot in the scheduling grid. This is a single day event so if you want to repeat your time slot over multiple days, weeks, or months, you must duplicate it forward or set up an [everlasting \(permanent\) time slot](#).

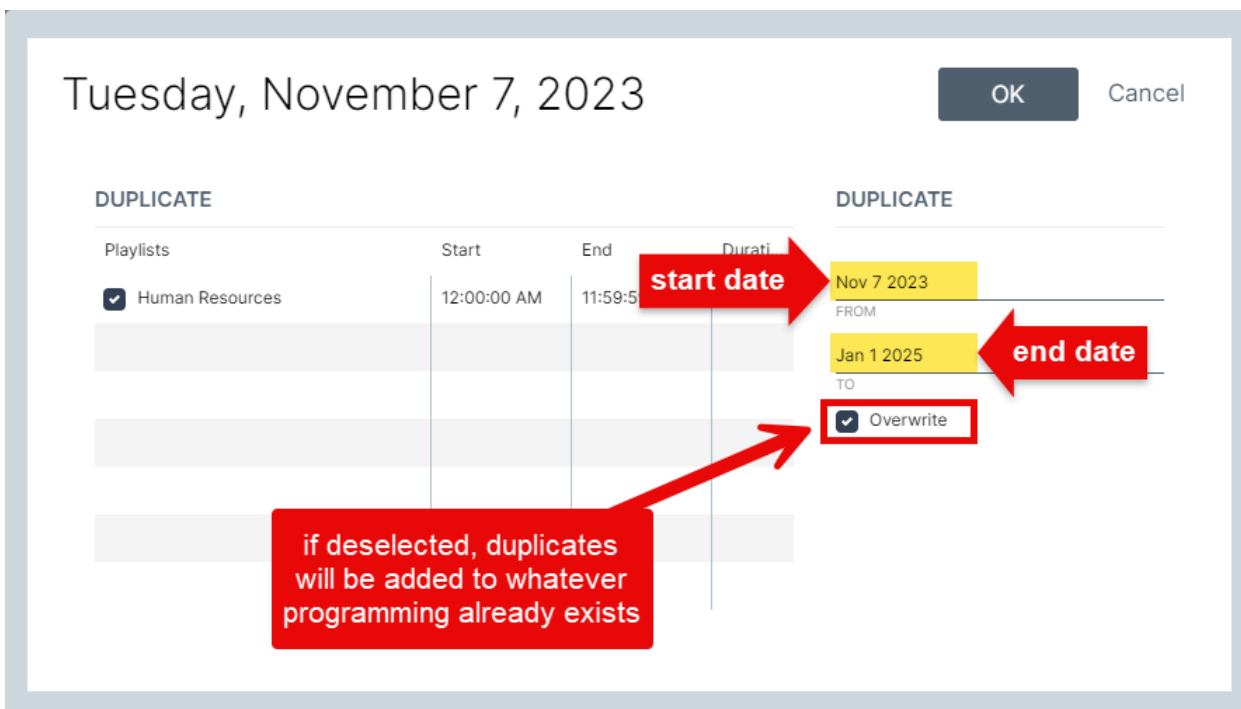
## Programming your time slot over multiple days, weeks or months

To program our time slot over multiple days, we must duplicate this program into the future.

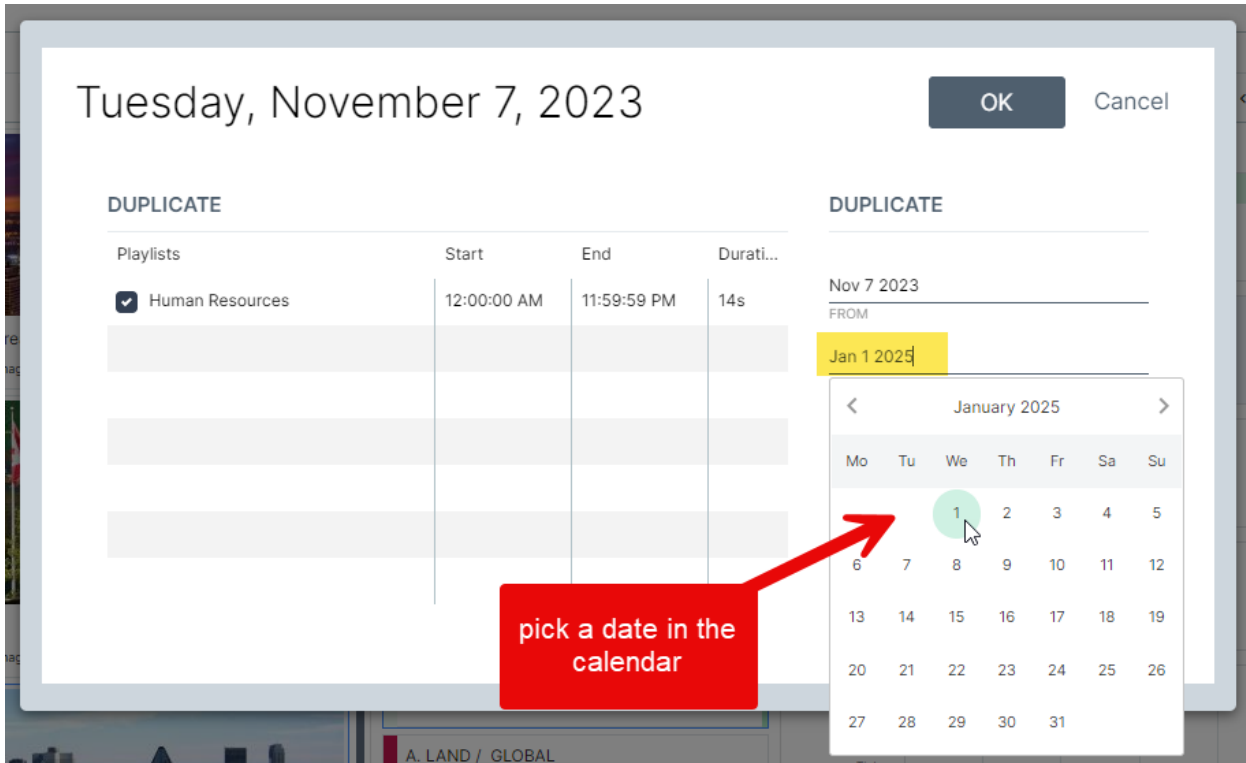
Right click on the day containing the 24 hour time slot and select **Duplicate > Current Day**.



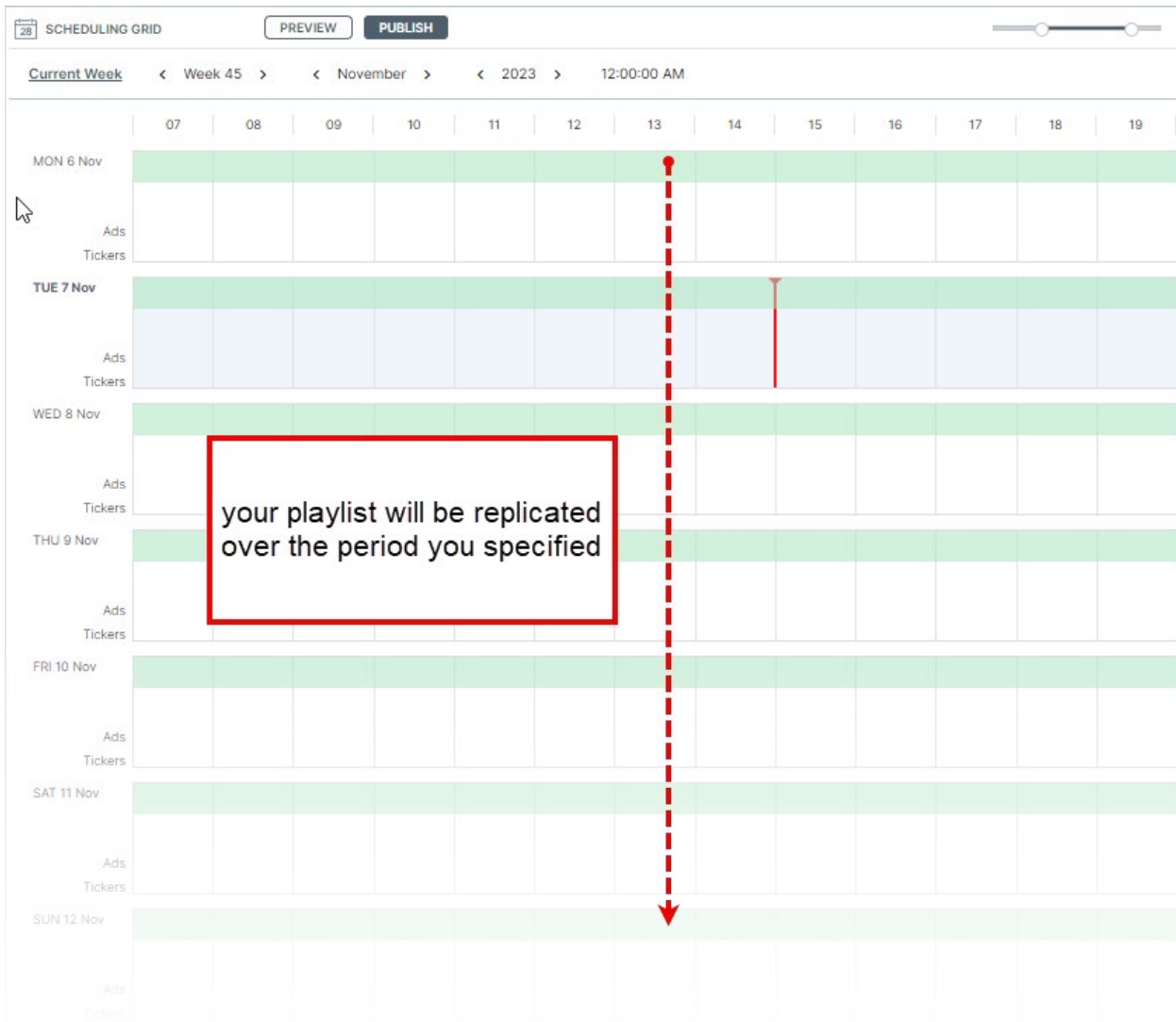
Enter the start date (should be the date after the currently selected day) and next, enter the end date. Make sure you leave the **“Overwrite”** option selected otherwise your new schedule will add itself to any existing program for the period. See the [Merging playlist](#) page for details.



You can type the date in the field or click the calendar symbol to select the date.



The playlist time slot will be replicated according to your settings. You can navigate forward and you will see the playlist has been programmed until your end date.



You are ready to publish your programming to your player(s).

From this point forward, simply add or remove content from the programmed playlist to make changes, and remember to publish to your player(s) so they receive their updates.

### Alternative (24 hour) programming method

Proceed as above to create your Monday program and make sure to select the **Everlasting** option in the right column.



Monday, November 20, 2023 OK Cancel

**TIME SLOT** Add

Playlists	Start	End	Duration	Merge option	Nb. Media	Everlasting
Corporate Playlist	12:00:00AM	11:59:59PM	50s			<input checked="" type="checkbox"/> X

*Note: A red arrow points to the 'Everlasting' checkbox with the text 'select to make permanent'.*

Next, duplicate the Monday program until the end of the current week.

SCHEDULING GRID PREVIEW PUBLISH ▬

Current Week < Week 47 > < November > < 2023 > 12:00:00 AM

	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
<b>MON 20 Nov</b>	[Hatched]																				
Ads																					
Tickers																					
<b>TUE 21 Nov</b>	[Hatched]																				
Ads																					
Tickers																					
<b>WED 22 Nov</b>	[Hatched]																				
Ads																					
Tickers																					
<b>THU 23 Nov</b>	[Hatched]															[Hatched]		[Hatched]			
Ads																					
Tickers																					
<b>FRI 24 Nov</b>	[Hatched]																				
Ads																					
Tickers																					
<b>SAT 25 Nov</b>	[Hatched]																				
Ads																					
Tickers																					
<b>SUN 26 Nov</b>	[Hatched]																				
Ads																					
Tickers																					

Your programming is now perpetual. You can navigate forward and backward in time and you will see the program never expires.

[Click here](#) for more information about **Everlasting** time slots.

## Sequential Time Slot Programming

Sequential time slot programming happens when you schedule more than one playlist to play concurrently. This is something we see often with restaurant menu programs where the content must change over time (breakfast in the morning, lunch at noon, dinner later in the day).

Start by creating a playlist and then add content to it as per [these instructions](#).

Repeat the process for each time slot (let's call them morning, afternoon, and evening).

Make sure the first playlist start time is set to when your restaurant starts serving breakfast, say 6:00:00 AM and you set the end time to 11:00:00 AM so you can switch to the lunch menu.

Monday, November 20, 2023

OK Cancel

TIME SLOT Add

Playlists	Start	End	Duration	Merge option	Nb. Media	Everlasting
Morning Playlist	06:00:00AM	11:00:00AM	1m3s	Sequentially		<input type="checkbox"/>

time slot

Repeat the process for lunch and dinner, making sure the start and end times don't overlap. For example, if one time slot ends at 11:00:00 AM, set the next one to start at 11:00:01 AM.

**Note:** You don't need to keep dragging and dropping playlists into the scheduling grid to add new time slots. When in the **Time Slot** window, click the **Add** link located to the upper right corner of the table to create an empty time slot. Select one of the available playlists and set the start and end times until you complete your schedule.

Monday, November 20, 2023

OK Cancel

**TIME SLOT**

Playlists	Start	End	Duration	Merge option	Everlasting
Morning Playlist	06:00:00AM	11:00:00AM	1m3s		<input type="checkbox"/> <input type="checkbox"/>
AfternoonPlaylist	11:00:01AM	01:00:00PM		Sequentially	<input type="checkbox"/> <input type="checkbox"/>
Evening Playlist	01:00:01PM	06:00:00PM	3m30s	Sequentially	<input type="checkbox"/> <input type="checkbox"/>
Select	12:00:00AM	11:59:59PM	0s	Sequentially	<input type="checkbox"/> <input type="checkbox"/>
Select					
Corporate Playlist					
West Building Playlist					
AfternoonPlaylist					
Emergency					
Evening Playlist					

Click **OK** when you are finished and see the results in the **Scheduling Grid**.

SCHEDULING GRID

PREVIEW PUBLISH

Current Week < Week 47 > < November > < 2023 > 12:00:00 AM

	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
MON 20 Nov			[Green]			[Blue]	[Light Green]													
Ads																				
Tickers																				

To schedule the same daily program 24/7 over many days, weeks or months, duplicate the current day by right clicking the white area under the time slots and select > **Duplicate** > **Current day**.

28 SCHEDULING GRID PREVIEW PUBLISH

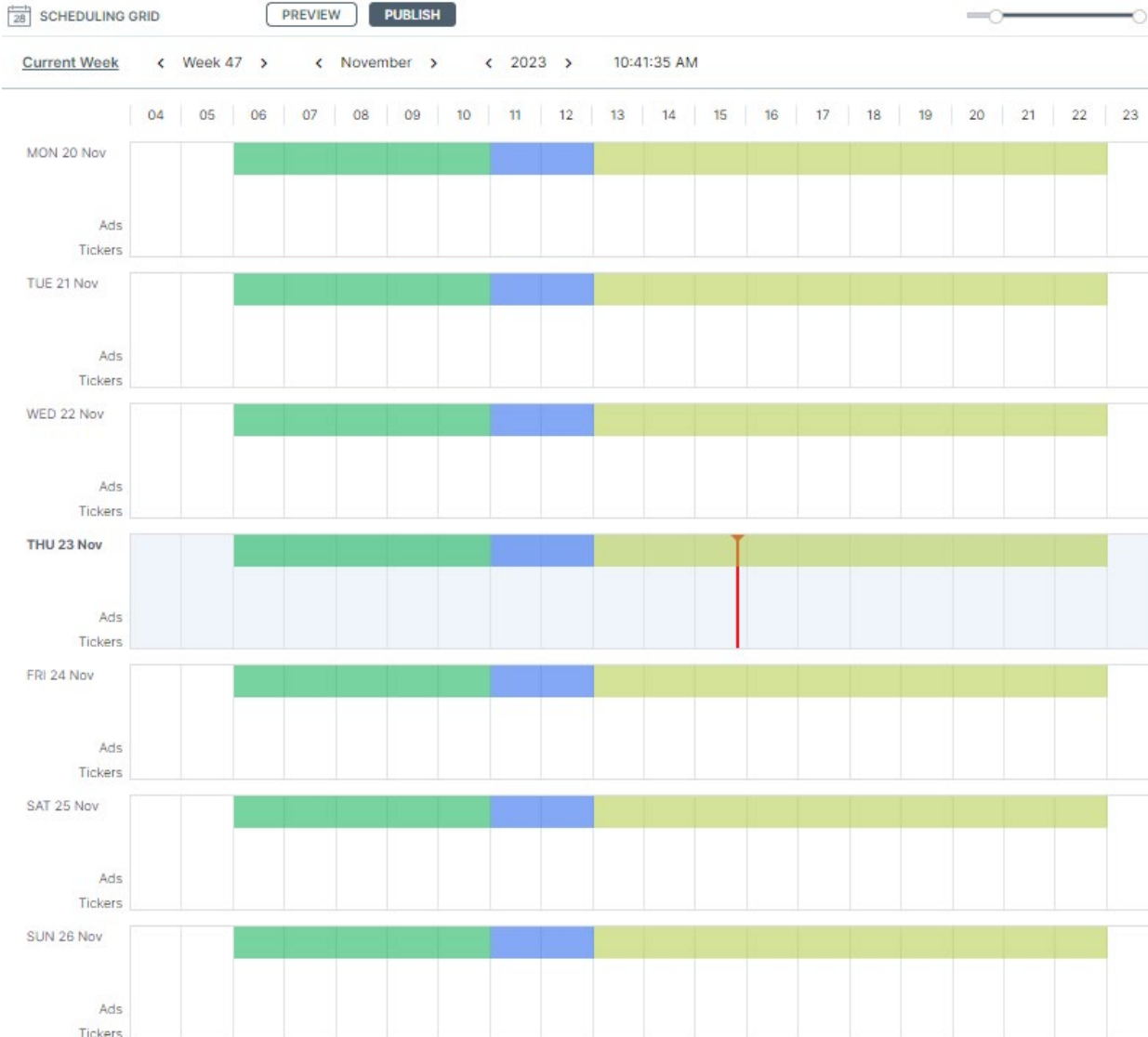
Current Week < Week 47 > < November > < 2023 > 3:03:18 AM

	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
MON 20 Nov																				
Ads																				
Tickers																				
TUE 21 Nov																				
Ads																				
Tickers																				
WED 22 Nov																				
Ads																				
Tickers																				
THU 23 Nov																				
Ads																				
Tickers																				
FRI 24 Nov																				
Ads																				
Tickers																				
SAT 25 Nov																				
Ads																				
Tickers																				
SUN 26 Nov																				
Ads																				
Tickers																				

**Right Click**

- Program preview
- New
- Edit
- Copy
- Duplicate → Current Day
- Remove → Current Week
- Advertising → Between Group

Here is the result:



## Programming daily or weekday/weekly Time Slots

If you want different programming on weekdays and weekends, or even different daily programming, build your entire week and then duplicate the entire week instead of the current day. This way, the weekly program will be replicated for as long as you require (you can duplicate programming up to a year in the future).

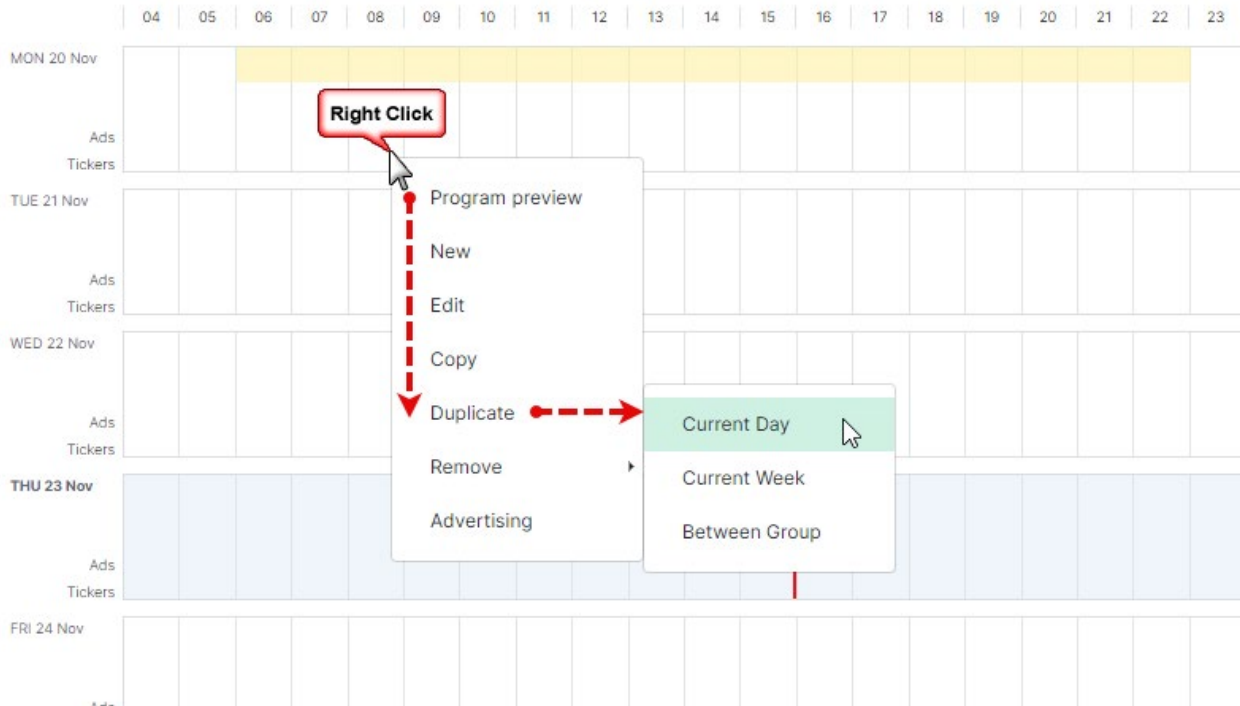
There are many options available to build your daily programs.

- You can drag different playlists into each day and adjust their start/end times via the **Time Slot** settings until you have filled up your current week.

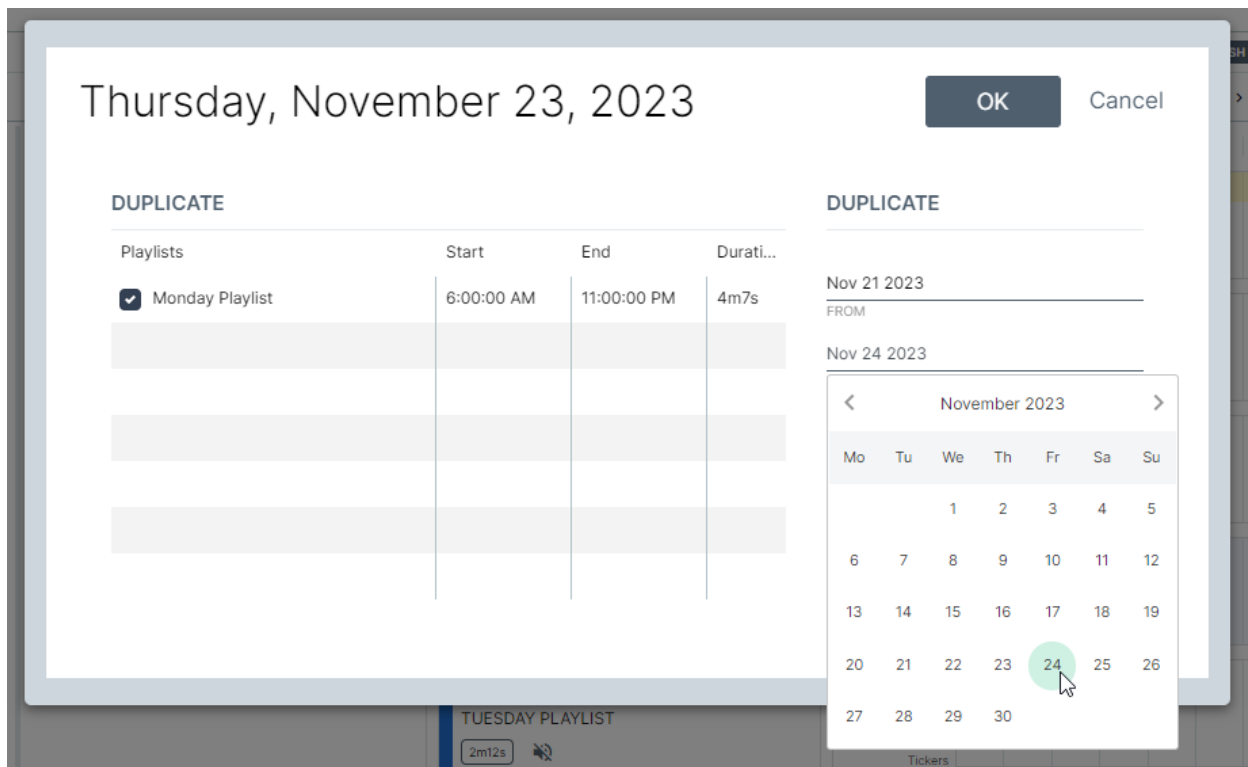
The screenshot displays a scheduling interface with a left-hand sidebar for playlist management and a main scheduling grid. The sidebar lists several playlists with their respective durations and content counts. The main grid shows a weekly view for Week 47 in November 2023, with days from Monday to Sunday. A red dashed arrow points from the 'FRIDAY PLAYLIST' in the sidebar to a 'WEDNESDAY PLAYLIST' box overlaid on the Wednesday, November 22nd slot in the grid.

OR...

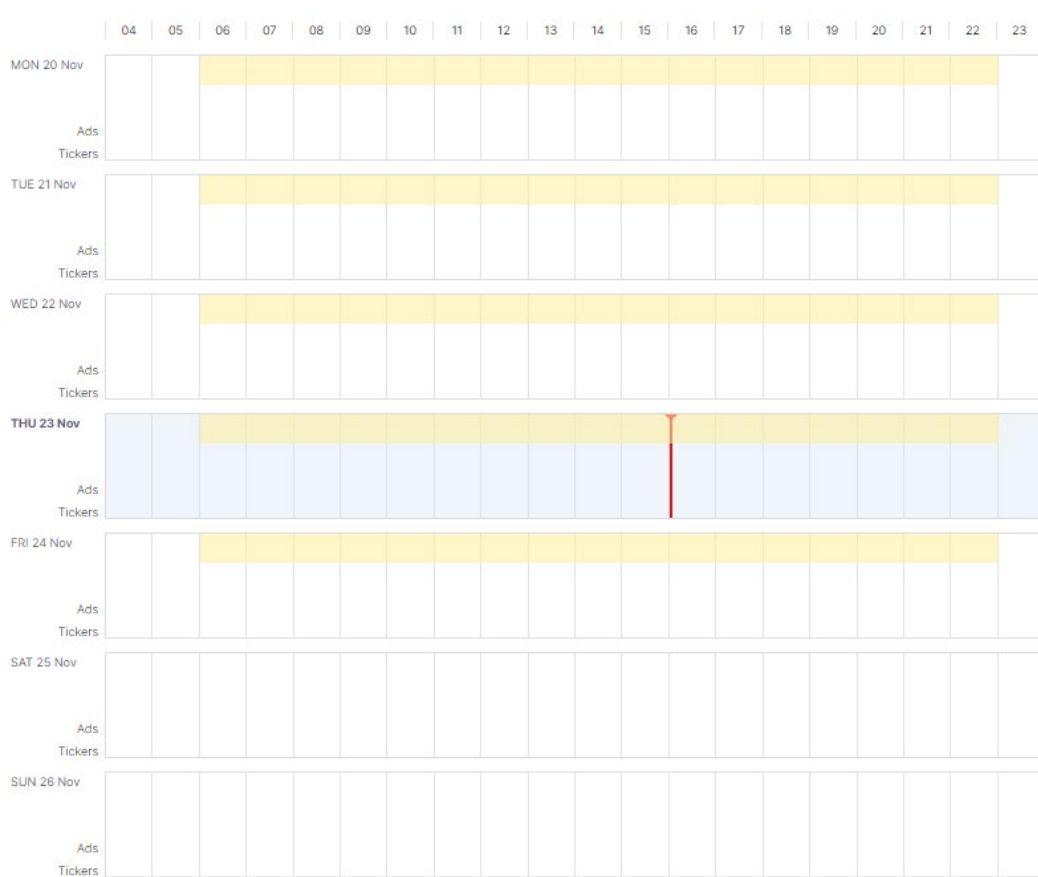
- You program your Monday time slot and then **Duplicate/Current Day** until you fill out the days you want to program.



Duplicate the current day's program until Friday of the current week.

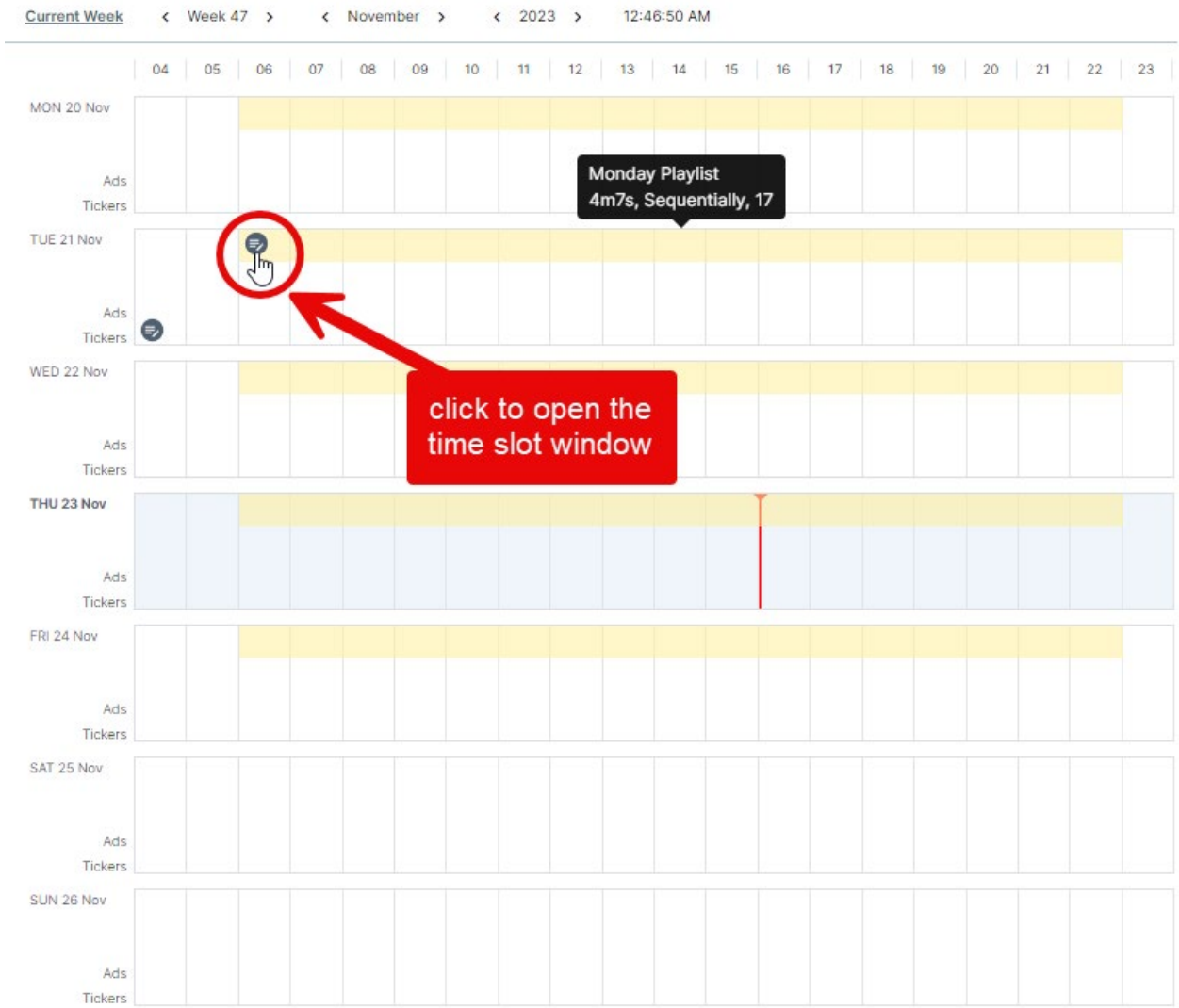


This will fill Monday to Friday with the same time slot.



Next, swap out the playlist for each day's time slot with the correct one. To do so, hover on the next day's time slot and click the **time slot properties** icon.





Select the new playlist you wish to assign and click **OK** to confirm.

Tuesday, November 21, 2023

OK

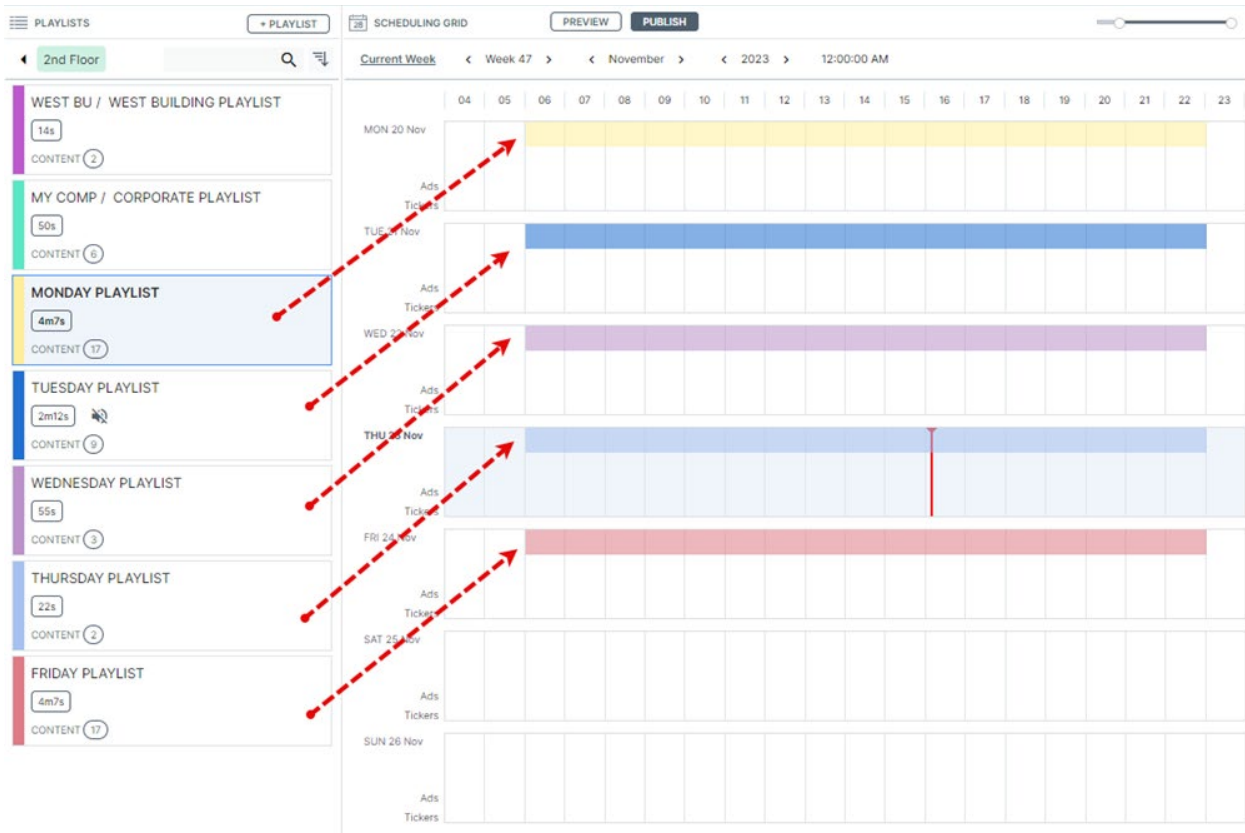
Cancel

TIME SLOT

Add

Playlists	Start	End	Duration	Merge option	Nb. Media	Everlasting
Monday Playlist	06:00:00AM	11:00:00PM	4m7s	Sequentially		<input type="checkbox"/>
West Building Playlist						
Friday Playlist						
Monday Playlist						
Thursday Playlist						
Tuesday Playlist						
Wednesday Playlist						

Repeat for each subsequent day to complete the weekly program.



Now that your current week's programming is complete, you have two options.

1. You can duplicate the current's week programming into the future for as long as you wish.
2. You can make each time slot **Everlasting (permanent)**.

To duplicate your weekly programming, proceed as follows:

Right-click in an open space on the **Scheduling Grid**.

Select **Duplicate > Current Week**

SCHEDULING GRID      PREVIEW      PUBLISH

Current Week    < Week 47 >    < November >    < 2023 >    3:39:58 AM

	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
MON 20 Nov																				
Ads																				
Tickers																				
TUE 21 Nov																				
Ads																				
Tickers																				
WED 22 Nov																				
Ads																				
Tickers																				
THU 23 Nov																				
Ads																				
Tickers																				
FRI 24 Nov																				
Ads																				
Tickers																				
SAT 25 Nov																				
Ads																				
Tickers																				
SUN 26 Nov																				
Ads																				
Tickers																				

**Right Click**

- Program preview
- New
- Edit
- Copy
- Duplicate
  - Current Day
  - Current Week
  - Between Group
- Remove
- Advertising

Next, select the start/end dates or the number of weeks you wish to duplicate the program for.

**NOTE:** Your program will be extended for the period you defined. Any future program will be replaced by your new program.

Thursday, November 23, 2023 OK Cancel

**DUPLICATE WEEK**

DEFINE WHAT TO COPY

Day	Name	Start	End	Duration
<input checked="" type="checkbox"/> Mon				
<input checked="" type="checkbox"/> Tue				
<input checked="" type="checkbox"/> Wed				
<input checked="" type="checkbox"/> Thu				
<input checked="" type="checkbox"/> Fri				
<input checked="" type="checkbox"/> Sat				
<input checked="" type="checkbox"/> Sun				
<input checked="" type="checkbox"/> Every day				

DEFINE A PERIOD

Nov 27 2023  
FROM

Nov 24 2024  
TO

---

52  
WEEK

0  
DAY

select a start/end date or enter the number of weeks and days to duplicate the current week

**USEFUL TIP:** By default, each day's programming will be selected which means you are copying forward the entire week. However, you can also deselect any day that you do not want to copy.

## Using Everlasting (permanent) time slots

Traditionally, time slots have a start and end date. Now, VIDEOSTAR users can program **Everlasting** time slots that never expire. These are time slots that will repeat indefinitely so you only need to add them once and publish to your players.

### Note about everlasting time slots:

If you create an everlasting time slot on a Monday, the time slot will automatically appear on Monday in every week as you navigate forward or backwards in the **Scheduling Grid**. To fill up an entire week, you will need to copy/paste the everlasting time slot for each day. Once you're done, you will have a permanent playlist that will never require duplication. Your programming will basically never expire.

If you would rather create a different scheduling pattern, let's say program a different playlist for each day of the week, you would simply assign a different playlist to each day of the week and select the **Everlasting** option for each one.

Remember that you can turn any time slot into a permanent, everlasting time slot by selecting the **Everlasting** option in the **Time Slot** window.

You can mix regular and everlasting time slots to achieve any scenario.

## Creating Everlasting time slots

Here's how you create everlasting time slots.

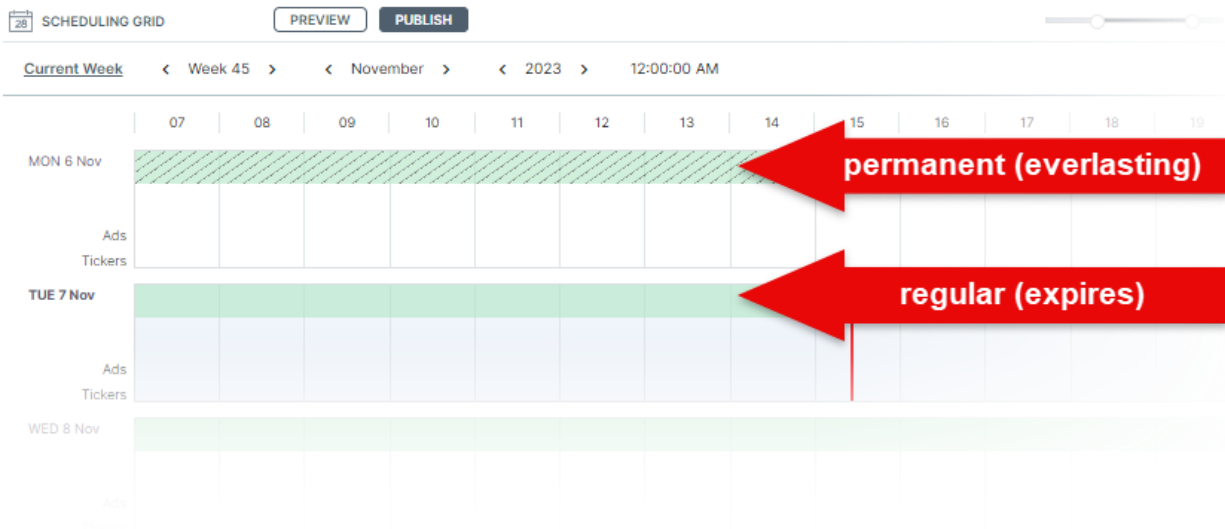
1. **Add** a new time slot to your daily program.
2. Select the **playlist** to assign to the time slot.
3. If you do not want the time slot to play for 24 hours, set the **start** and **end** times.
4. Select the **Everlasting** check-box.

Monday, November 6, 2023 OK Cancel

**TIME SLOT** 1 Add

Playlists	Start	End	Duration	Merge option	Nb. Media	Everlasting
2 Human Resources	12:00:00AM	11:59:59PM	3	Sequentially	4	<input checked="" type="checkbox"/> X

The time slot will appear in the scheduling grid. Note permanent (everlasting) time slots will appear shaded in your grid.

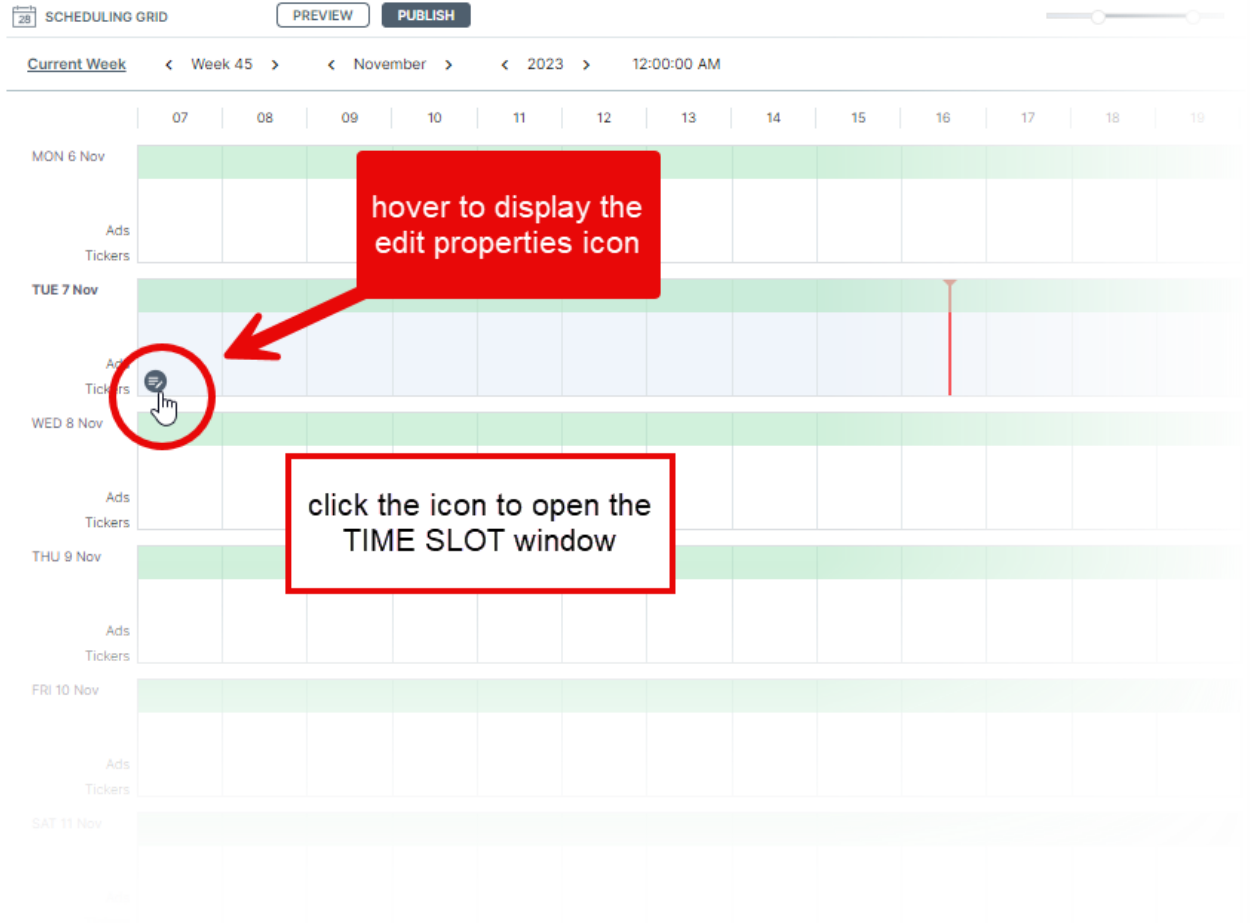


## Accessing the Time Slot window

To access the **Time Slot** window, proceed as follows:

### OPTION 1 - via the Edit Property icon

- Hover above any day or time slot to show the **Edit Properties** icon.
- Click the icon to open the **TIME SLOT** window.



## OPTION 2 - via the right-click menu

- Right-click on any day or time slot and select **Edit** from the pop up menu.

The screenshot displays a 'SCHEDULING GRID' interface. At the top, there are 'PREVIEW' and 'PUBLISH' buttons, and a slider control. Below this, navigation options include 'Current Week', 'Week 45', 'November', and '2023', along with a time indicator '6:50:52 AM'. The main grid shows days from Monday, November 6th to Saturday, November 11th. Each day has 'Ads' and 'Tickers' sections. A red dashed arrow points to a right-click action on a time slot on Tuesday, November 7th. A context menu is open, listing options: 'Program preview', 'New', 'Edit', 'Copy', 'Duplicate', 'Remove', and 'Advertising'. The 'Edit' option is highlighted by the mouse cursor.



Tuesday, November 7, 2023 OK Cancel

**TIME SLOT** Add

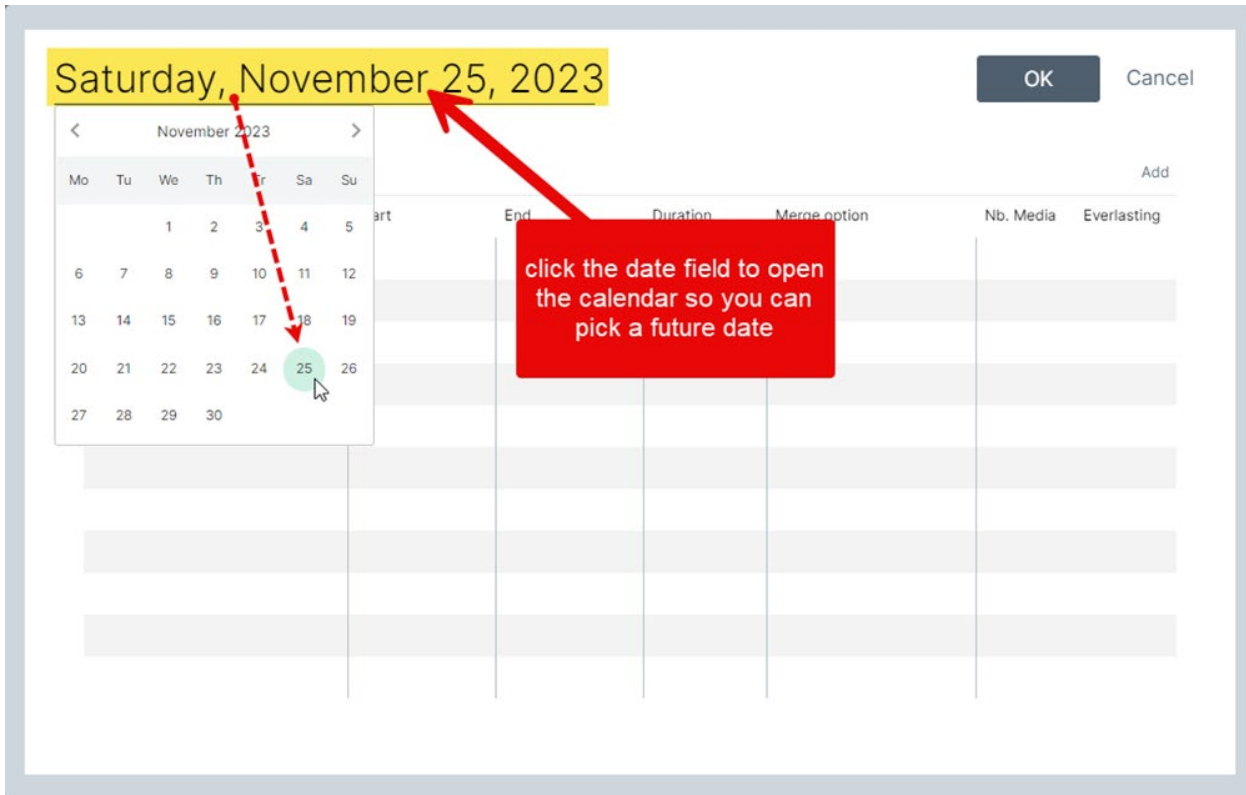
Playlists	Start	End	Duration	Merge option	Nb. Media	Everlasting

## Programming time slots for specific days

VIDEOSTAR users can access a programming calendar via the **Time Slot** window.

Here's how this works.

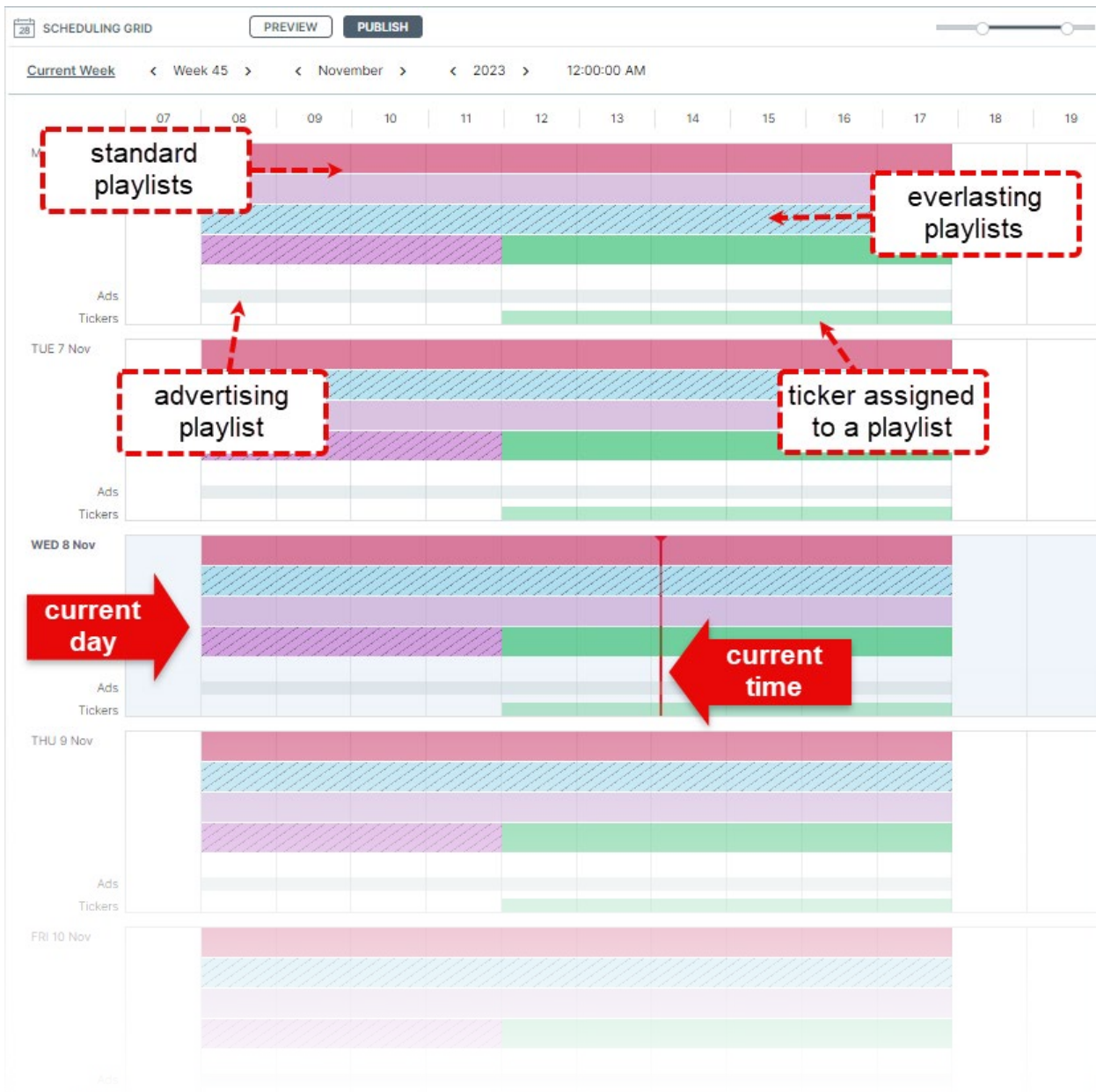
- Right-click and select **Edit**, or click the **Edit Properties** icon to open the **Time Slot** window from any day in the programming grid.
- Next, click the **date field** in the upper left corner. This will open the **calendar**.
- Select the month and date.



You can use this feature to look or modify any time slot already programmed, or to add one or more time slots to any future date's programming without having to use the **Scheduling Grid**.

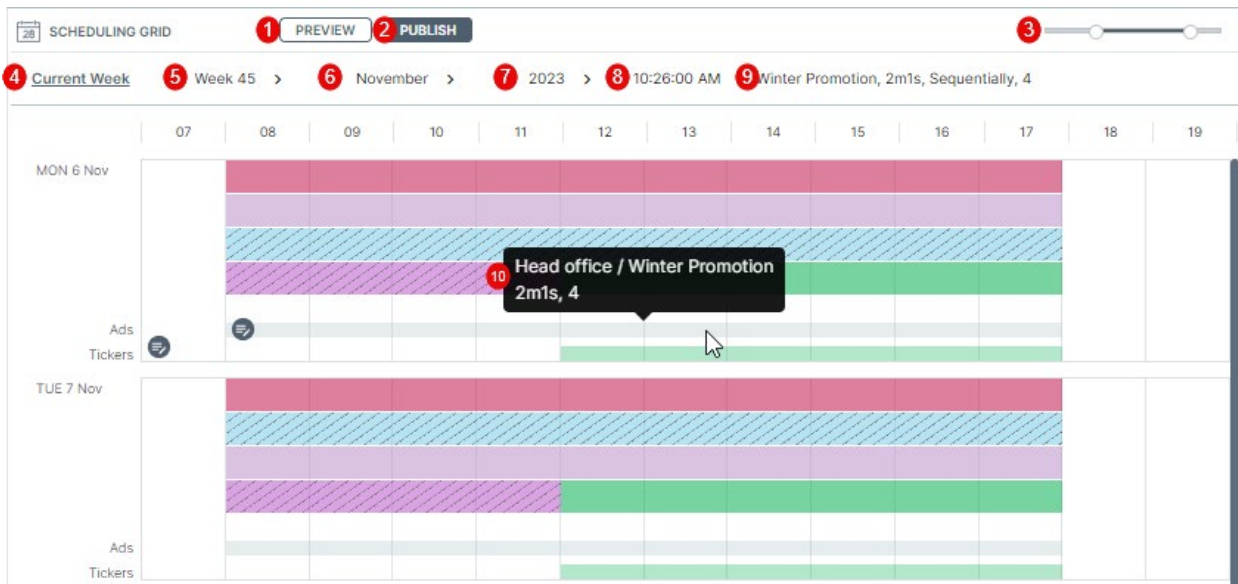
The Scheduling grid layout

The **Scheduling grid** is where you program your playlists.



- The grid is divided into 7 days.
- The current day is shown in a shaded gray color.
- The current time is shown as a red line.
- You use the vertical scroll bar or the mouse scroll wheel to move the grid up and down.
- The colored bands at the top of each day represent playlists. Shaded bands represent **everlasting playlists**.
- The gray and colored bands that appear near the bottom of each day represent published tickers.
  - **Gray** = published ticker appears on screen regardless of the playlist scheduled
  - **Color** = ticker assigned to a playlist appears on screen only when that playlist is scheduled

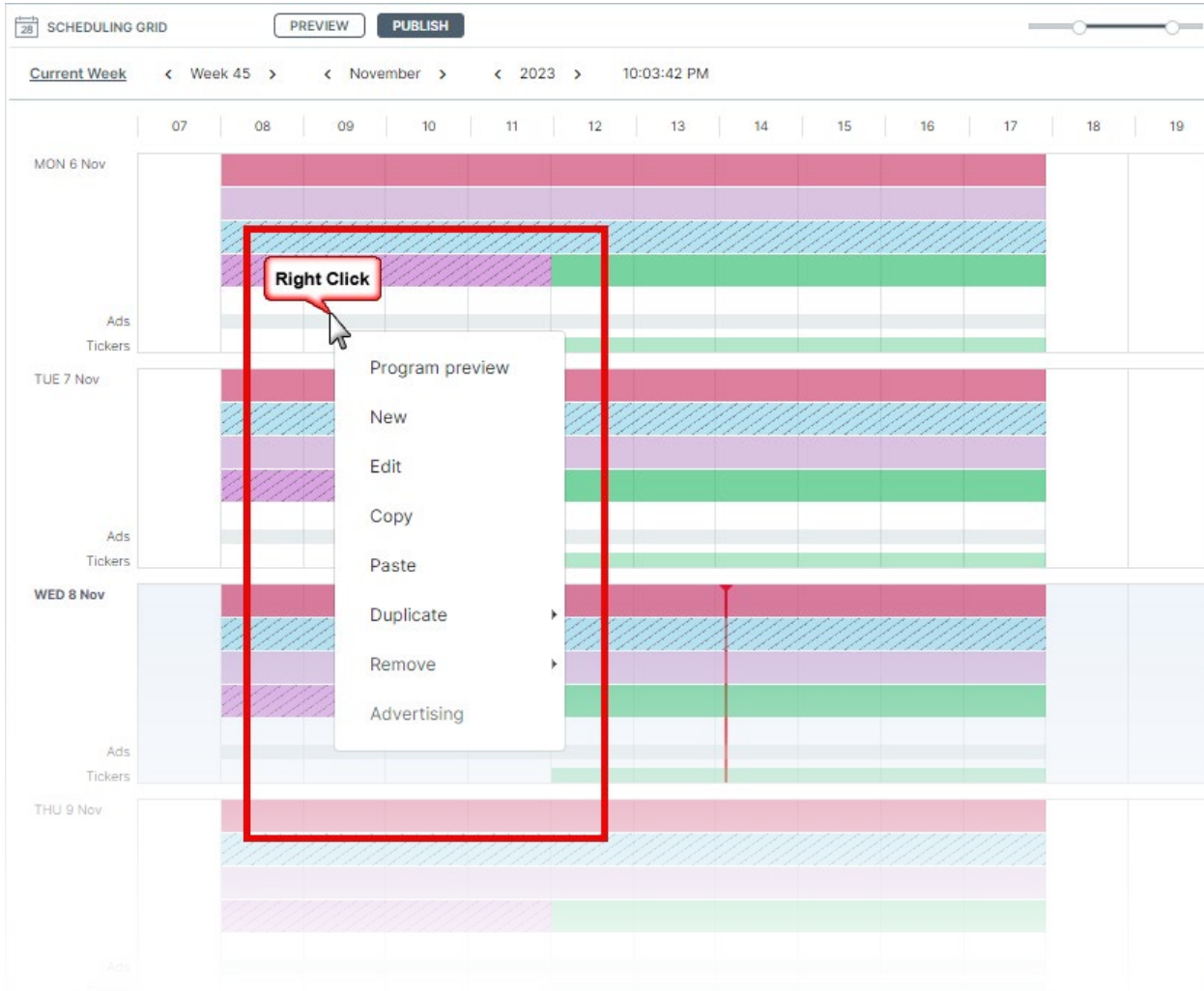
## The Scheduling grid toolbar



1. The **PREVIEW** button opens the program preview window.
2. The **PUBLISH** button at the top of the **Scheduling Grid** updates the selected players in background. There are no popups or other visible cues while this is happening.
3. The **Zoom View** slider lets you adjust the **Scheduling Grid** view so you can better see the details of your programming. You can stretch out to a 24 hour view or zoom in to see a specific period of the day.
4. If you navigate to a future or past week, clicking on the **Current Week** button will return you to the current week view.
5. Use the < > arrows to navigate forward and back one **week** at a time.
6. Use the < > arrows to navigate forward and back one **month** at a time.
7. Use the < > arrows to navigate forward and back one **year** at a time.
8. Shows the **current time** according to the mouse cursor's position in the grid.
9. Shows the details (name, duration, number of items) of the playlist or ticker on which the cursor is currently hovering.
10. Same as above but in a bubble.

## The Scheduling Grid pop up menu

Right click on any free (white) space in the grid to reveal the pop up menu.



**Here are the options available:**

### *Program preview*

Same as clicking the **Preview** button at the top of the grid. Opens the **Preview window** so you can perform forward looking reports.

Tuesday, November 7, 02023

OK

Cancel

PERIOD

Nov 7 2023

FROM

12:00:00AM

FROM

11:59:59PM

TO

SEARCH ON

CONTENT

TAG

AD REF.

AGGREGATION

Played In Full

Advertising

Search

Export

4055 Impressions

TIME	PLAYLISTS	CONTENT	HEIGHT WIDTH	DURATION	IMPRESSIONS
12:00:00 AM		Default Media	1920:1080	8h	1
8:00:00 AM	Winter Promotion	Mayhem Deer Video	1920:1080	30s	1
8:00:30 AM	Global	Business intelligence_Copy	1920:1080	7s	1
8:00:37 AM	GLOBAL	People - Employee	1920:1080	15s	1
8:00:52 AM	Local Playlist	Montreal-at-night	1920:1080	7s	1
8:00:59 AM	Local Playlist	Flags	1920:1080	7s	1
8:01:06 AM	Local Playlist	CityScape	1920:1080	7s	1
8:01:13 AM	Local Playlist	Cathedral	1920:1080	7s	1
8:01:21 AM	Global	Business intelligence_Copy	1920:1080	7s	2
8:01:28 AM	GLOBAL	People - Employee	1920:1080	15s	2

**New**

Opens the playlist window for the current day so you can add a new playlist by entering its information instead of dragging over a playlist.

Monday, November 6, 2023

OK Cancel

TIME SLOT

Add

Playlists	Start	End	Duration	Merge option	Nb. Media	Everlasting
Global	08:00:00AM	06:00:00PM	7s	Sequentially		<input type="checkbox"/>
Local Playlist	08:00:00AM	06:00:00PM	28s	Sequentially		<input type="checkbox"/>
GLOBAL	08:00:00AM	06:00:00PM	15s	Sequentially		<input checked="" type="checkbox"/>
Playlist #1	12:00:00PM	06:00:00PM	1m60s	Sequentially		<input type="checkbox"/>
Morning	08:00:00AM	11:59:59AM	0s	Sequentially		<input checked="" type="checkbox"/>
Select	07:00:00AM	08:00:00PM	0s	Sequentially		<input type="checkbox"/>
Select						
GLOBAL						
Global						
Playlist #1						
Local Playlist						

**Edit**

Lets you edit the time slots for the selected day.

Monday, November 6, 2023

OK Cancel

TIME SLOT

Add

Playlists	Start	End	Duration	Merge option	Nb. Media	Everlasting
Global	08:00:00AM	06:00:00PM	7s	Sequentially		<input type="checkbox"/>
Local Playlist	08:00:00AM	06:00:00PM	28s	Sequentially		<input type="checkbox"/>
GLOBAL	08:00:00AM	06:00:00PM	15s	Sequentially		<input checked="" type="checkbox"/>
Playlist #1	12:00:00PM	06:00:00PM	1m60s	Sequentially		<input type="checkbox"/>
Morning	08:00:00AM	11:59:59AM	0s	Sequentially		<input checked="" type="checkbox"/>

**Copy**

Lets you copy individual time slots or all the day's programming to the clipboard depending on where you right-clicked.

**Paste**

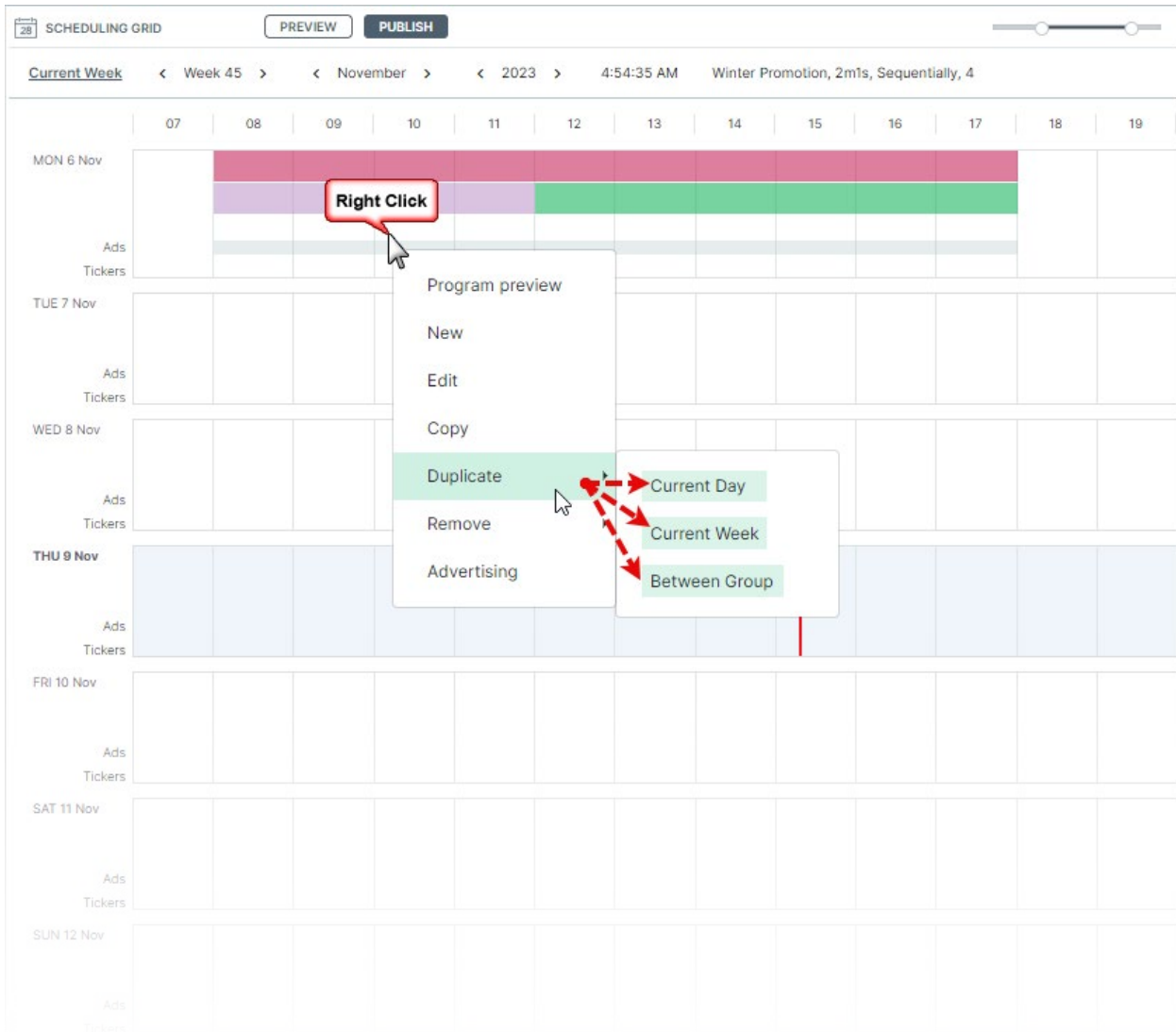
Pastes the previously copied time slots.

**Duplicate**

3 options available:

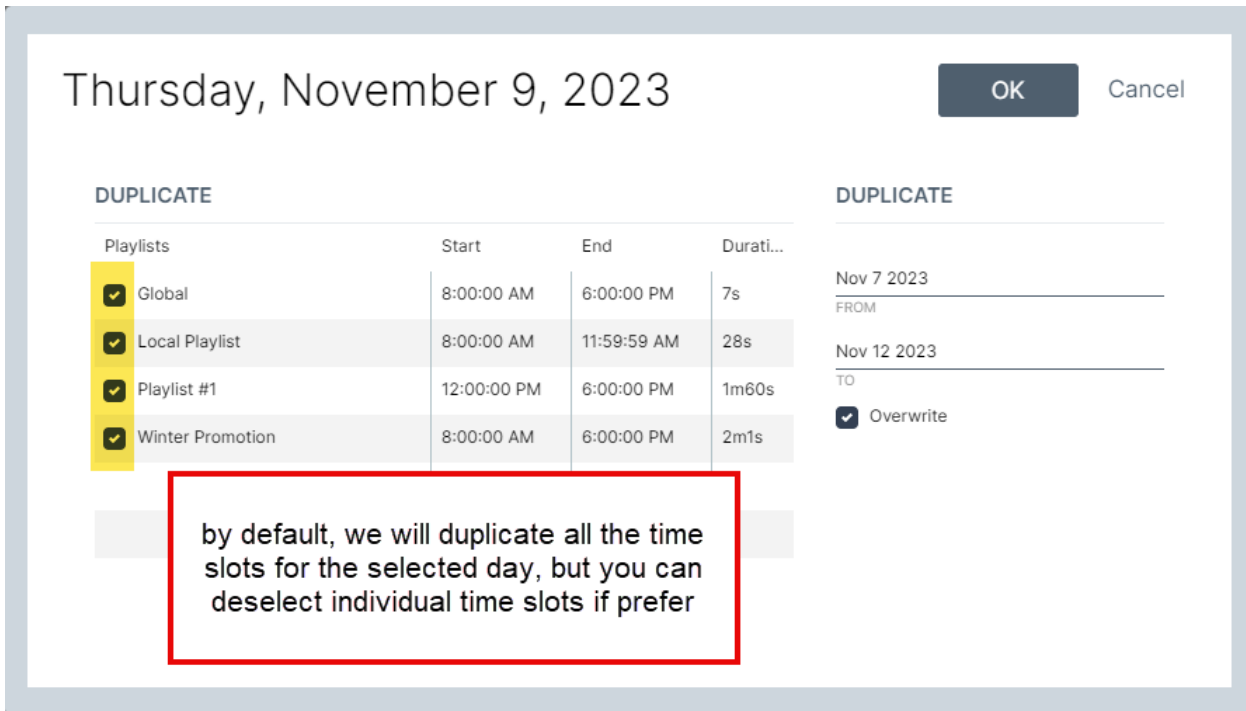
- Current Day
- Current Week
- Between Group





## Duplicate > Current Day

This option will let you duplicate the day's programming over a number of days.



**Duplicate > Current Day:** Opens the **Duplicate current day** window where you can select the number of days you wish to replicate the current day's programming. The left table shows all the time slots for the selected day. All time slots are selected by default. Deselect the ones you don't want to duplicate forward. On the right, select the number of days to duplicate for. By default, the currently selected day will be the starting (**FROM**) date. Select the end date (**TO**) by clicking the calendar icon or type the date manually.

The **Overwrite** option will be selected by default. This means all existing programming during the selected days will be replaced by the current program. Deselect this option if you want to merge the day's time-slots with any existing programs but if you do so, the current day's programming may overlap existing time-slots. Click **Save** to confirm or **Cancel** to exit.

## Duplicate > Current Week

This option lets you duplicate an entire week of programming for a given number of weeks.

Thursday, November 9, 2023

OK Cancel

DUPLICATE WEEK

DEFINE WHAT TO COPY

Day	Name	Start	End	Duration
<input checked="" type="checkbox"/> Mon				
<input checked="" type="checkbox"/> Tue				
<input checked="" type="checkbox"/> Wed				
<input checked="" type="checkbox"/> Thu				
<input checked="" type="checkbox"/> Fri				
<input checked="" type="checkbox"/> Sat				
<input checked="" type="checkbox"/> Sun				
<input checked="" type="checkbox"/> Every day				

DEFINE A PERIOD

Nov 13 2023  
FROM

Nov 19 2023  
TO

1  
WEEK

0  
DAY

enter the start/end period by date or select the number of weeks and days to duplicate the week for

by default, we will duplicate the time slots programmed for the entire week but you can deselect individual days if prefer

**Duplicate > Current Week:** Opens the **Duplicate current week** window where you can select the number of days and weeks you wish to replicate the current week's programming. The left table shows all the days in the selected day. Every day of the current week is selected by default. Deselect the ones you don't want to duplicate forward. On the right, select the number of days and weeks to duplicate for. By default, the currently selected day will be the starting (**FROM**) date. Select the end date (**TO**) by clicking the calendar icon or type the date manually. You can also use the **Week** and **Day** fields to enter this end date information. When you do so, the period to duplicate will be calculated starting from the **FROM** date.

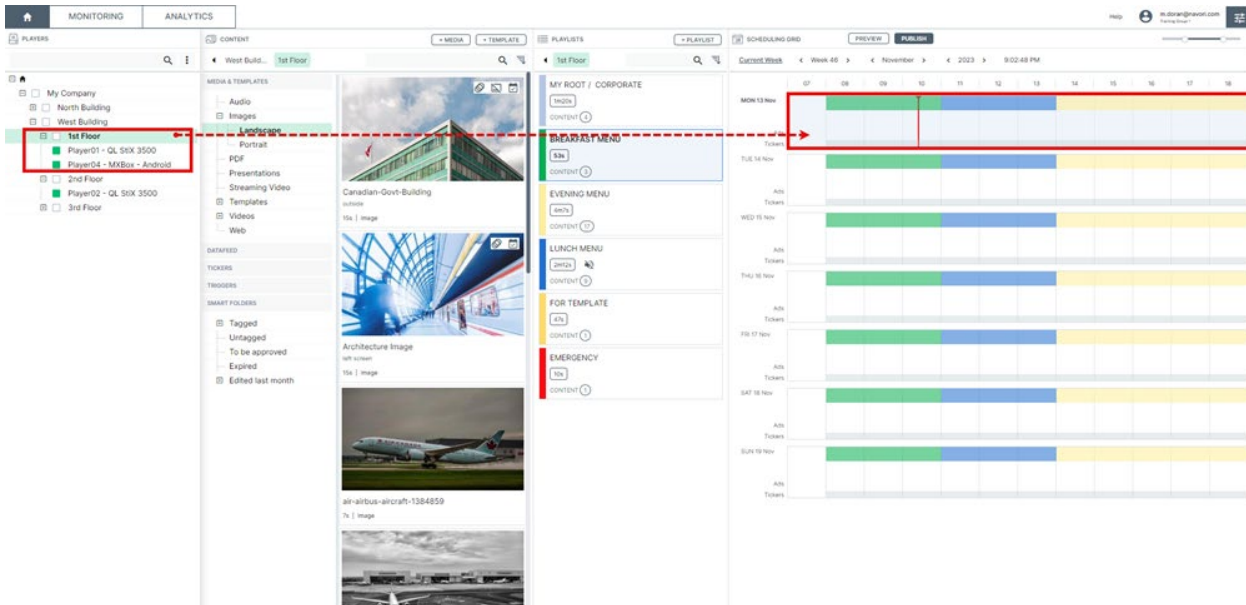
All existing programming during the selected days will be replaced by the current program. Click **Save** to confirm or **Cancel** to exit.

## Duplicate > Between Group

This option lets you duplicate your daily programming from one group to another.

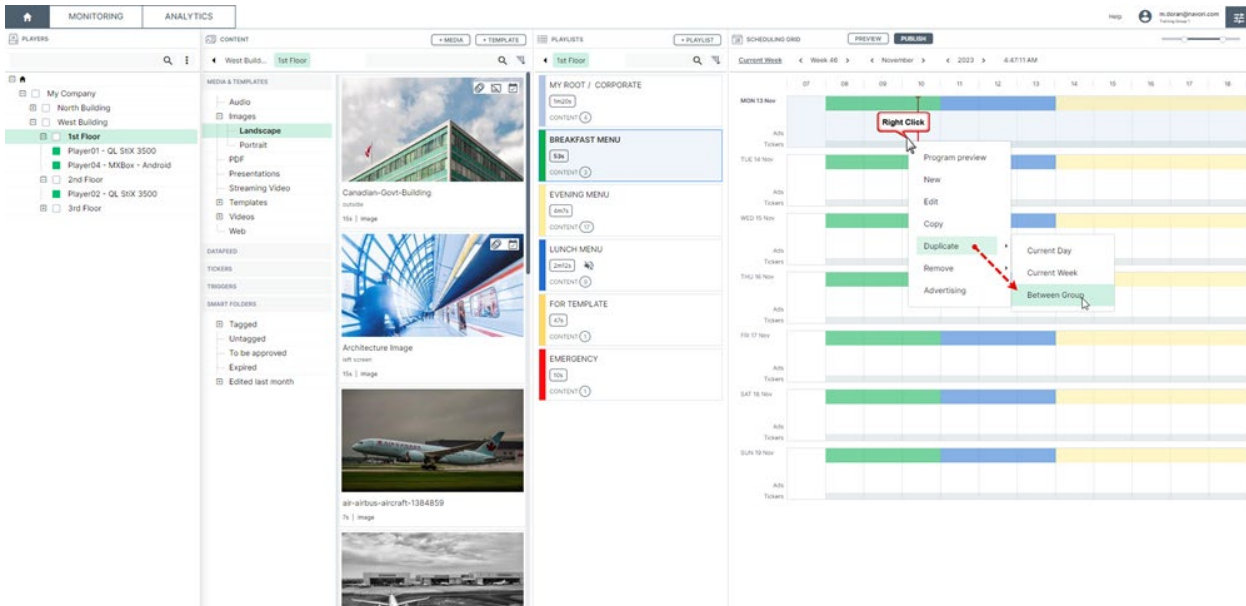
**IMPORTANT!** This feature will duplicate all the playlists and content related to the selected day's program (time slots) from one group to the other. Tickers will NOT be duplicated.

In this example, we have a schedule programmed for our 1st Floor group that we want to copy to our 2nd Floor group

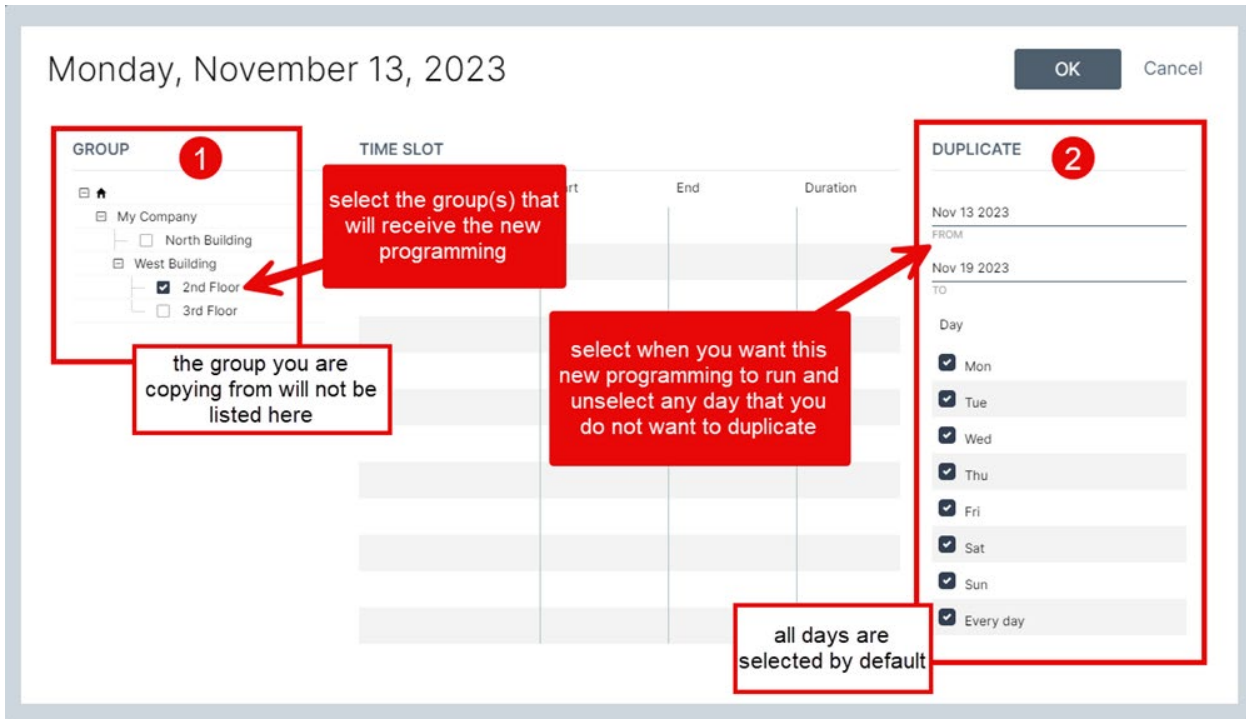


The first step is to right-click on the day with the programming you wish to copy over and select **Duplicate > Between Group**

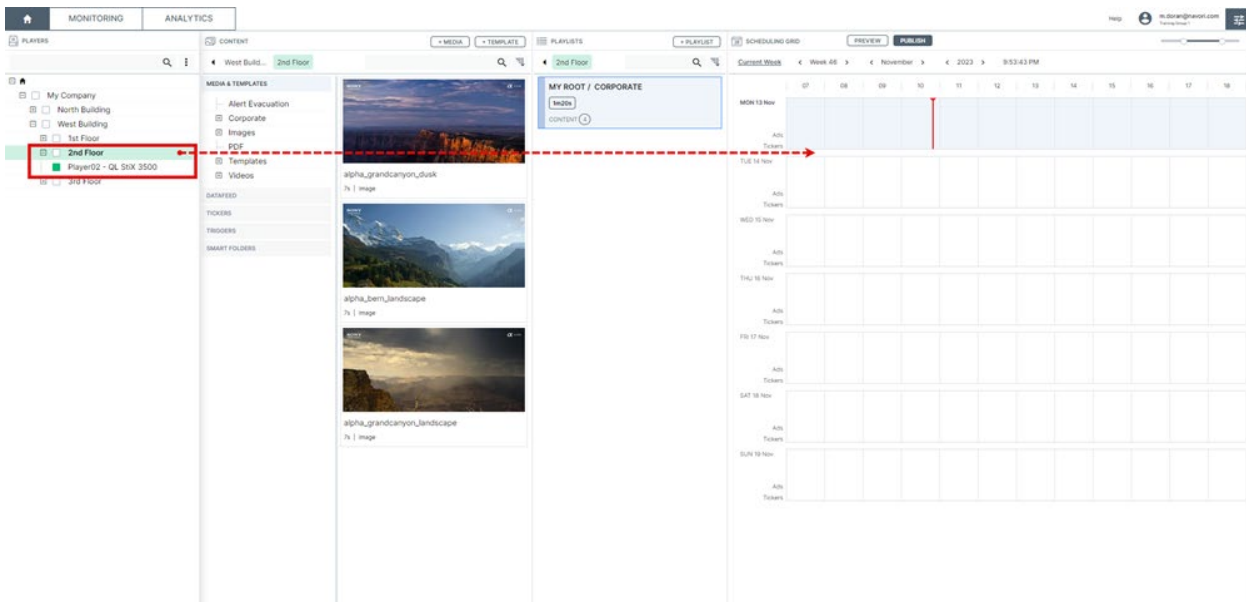
In this example, we will be copying the programming from 1st Floor group to the 2nd Floor group.



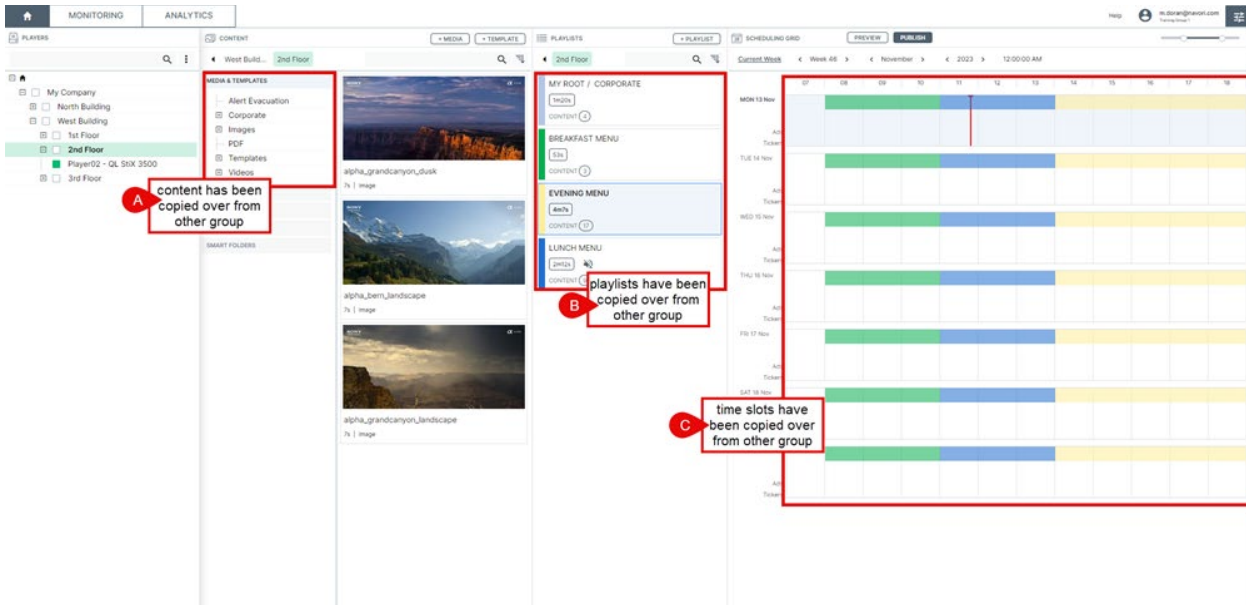
The following window will appear.



Here is the 2nd Floor group **before** receiving the new programming from the 1st Floor group. Notice we see a single global playlist and there is no programming in the scheduling grid.



Here is the 2nd Floor group **after** receiving the new programming from the 1st Floor group. Notice the new content, playlists and time slots that are now copied over from the other group.



## Remove

3 options available.

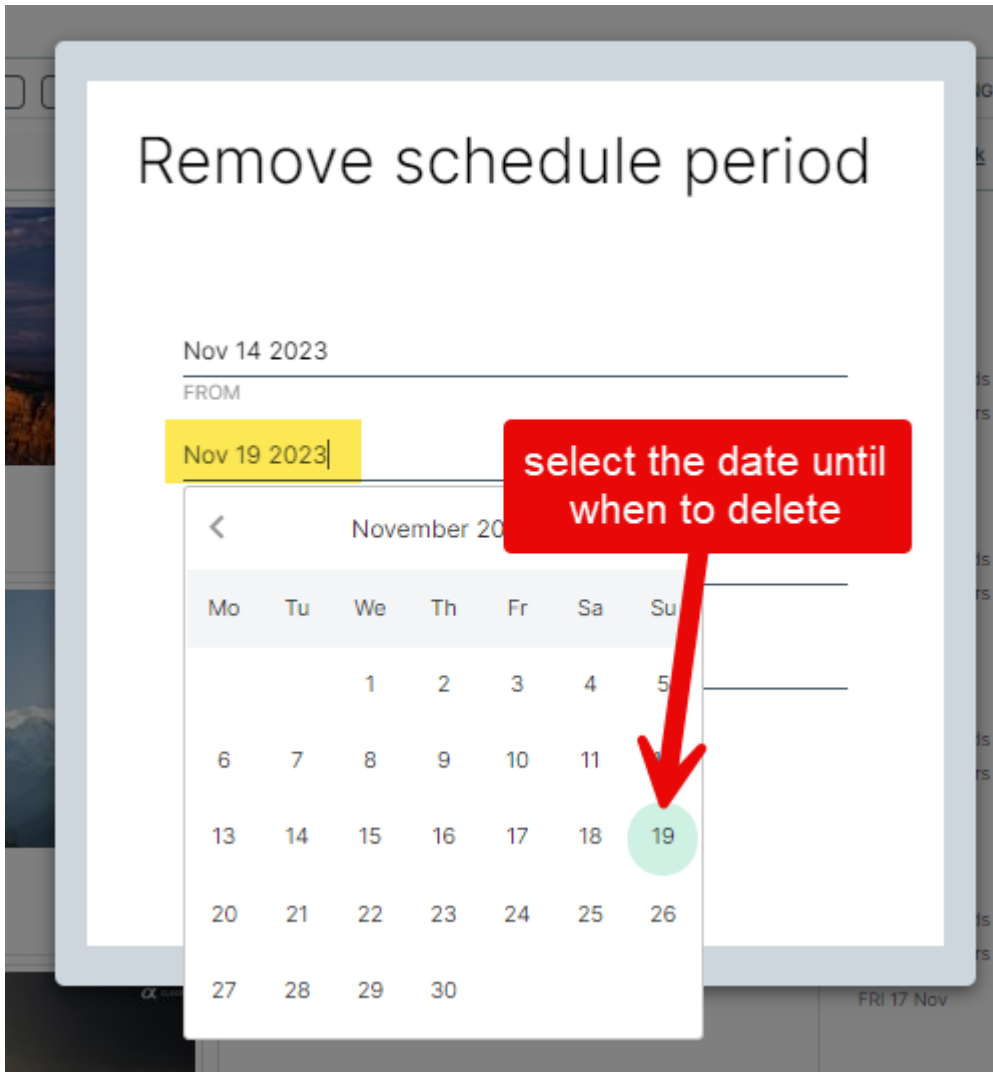
SCHEDULING GRID PREVIEW PUBLISH

Current Week < Week 46 > < November > < 2023 > 2:38:55 AM

	07	08	09	10	11	12	13	14	15	16	17	18	19
MON 13 Nov	Ads	Tickers											
TUE 14 Nov	Ads	Tickers											
WED 15 Nov	Ads	Tickers											
THU 16 Nov	Ads	Tickers											
FRI 17 Nov	Ads	Tickers											
SAT 18 Nov	Ads	Tickers											
SUN 19 Nov	Ads	Tickers											

Context menu options: Program preview, New, Edit, Copy, Duplicate, Remove, Advertising. Sub-menu options: Current Day, Current Week, Period.

- **Current Day** deletes all programming for the day.
- **Current Week** deletes all programming for the entire week.
- **Period** lets you select the number of days to delete programming from. Enter the start and end date/time to clear the programming for.



**Paste:** Is used in conjunction with the **Copy** command, to paste any copied programming currently on the clipboard.

**Advertising:** Opens the **Advertising playlist** window.



SCHEDULING GRID

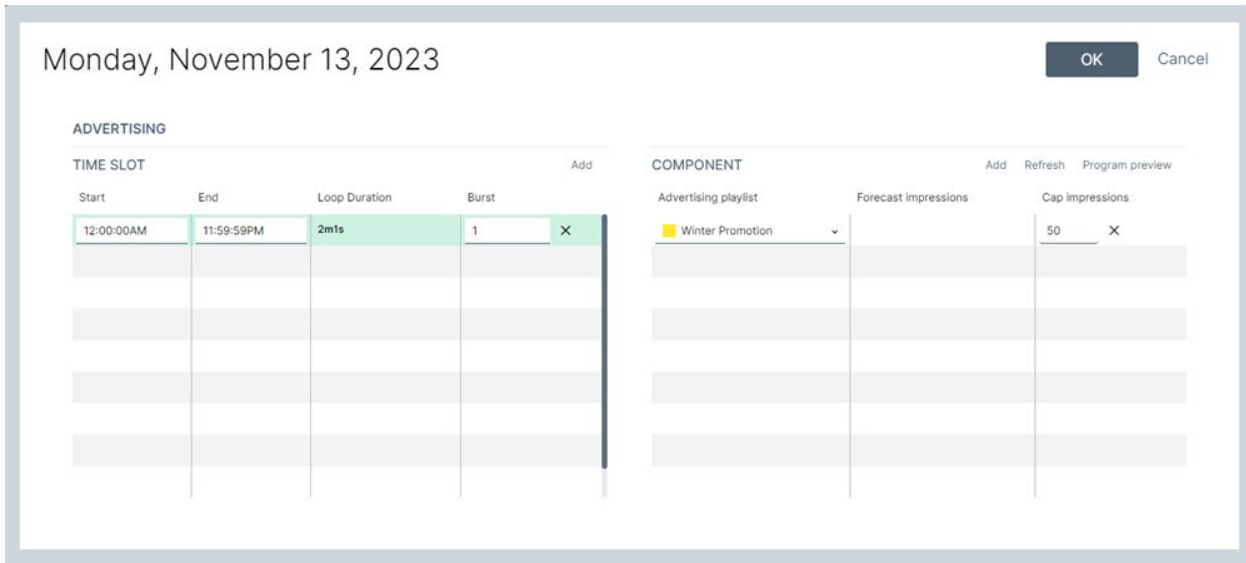
PREVIEW PUBLISH

Current Week < Week 46 > < November > < 2023 > 2:23:25 AM

	07	08	09	10	11	12	13	14	15	16	17	18	19
<b>MON 13 Nov</b>													
Ads													
Tickers													
<b>TUE 14 Nov</b>													
Ads													
Tickers													
<b>WED 15 Nov</b>													
Ads													
Tickers													
<b>THU 16 Nov</b>													
Ads													
Tickers													
<b>FRI 17 Nov</b>													
Ads													
Tickers													
<b>SAT 18 Nov</b>													
Ads													
Tickers													
<b>SUN 19 Nov</b>													
Ads													
Tickers													

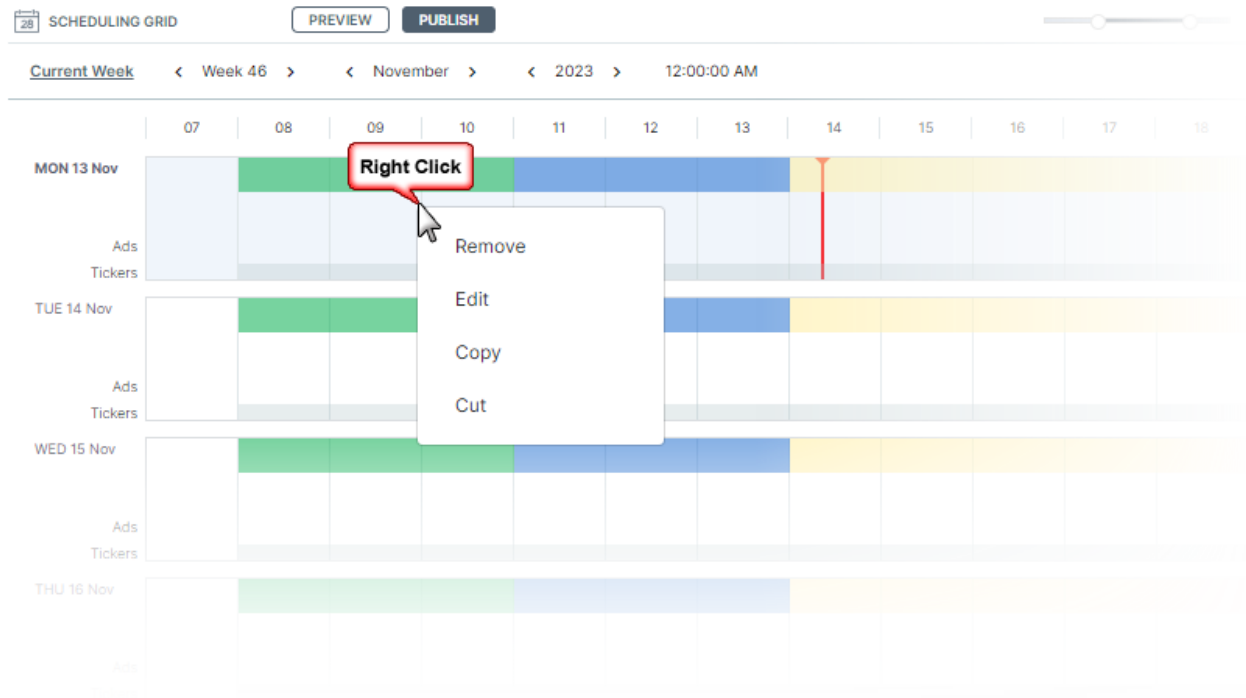
Right Click

- Program preview
- New
- Edit
- Copy
- Duplicate
- Remove
- Advertising



The Time Slot pop-up menu

Right-click on any **Time slot** to reveal this pop-up menu:



The options are:

**Remove:** Deletes the currently selected time slot from the grid.

**Edit:** Opens the time slot window so the user can modify its parameters. *NOTE: You can also click the **edit properties** icon\* on any time slot to access this window.*

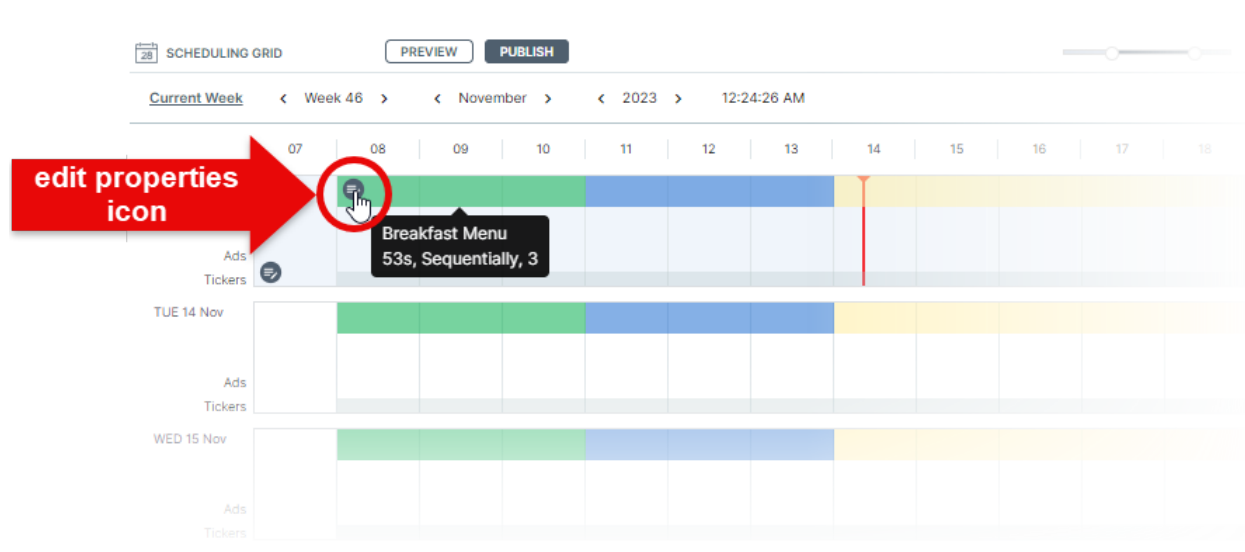
**Copy:** Copies the currently selected time slot to the clipboard (use with **Paste** to make a duplicate of the time slot).

**Cut:** Cuts the currently selected time slot (use with **Paste** to move a time slot).

**NOTE:** To paste a time slot that previously copied or cut, right click on it's destination (new day in the grid) and select the option, **Paste**.

### \*Edit Properties Icon

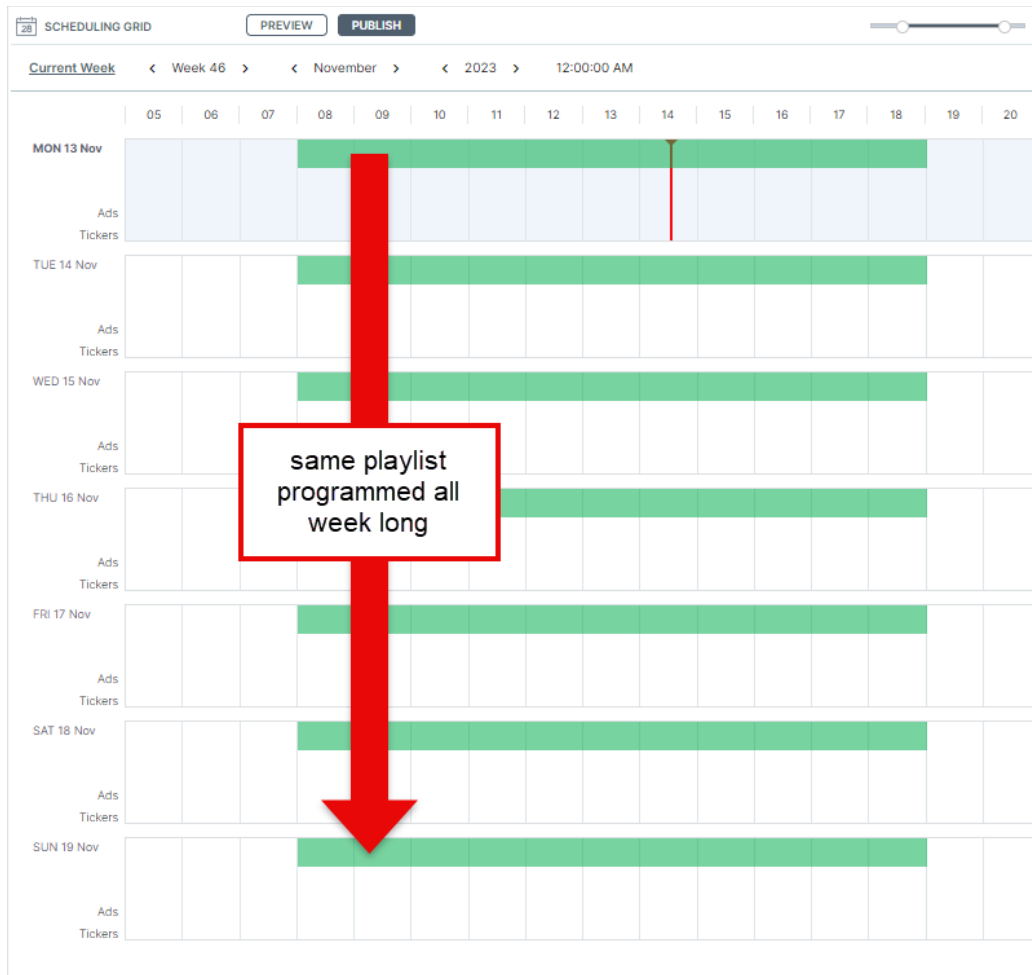
Click the **Edit Properties** icon to open the **Time Slot** window.



### Scheduling examples

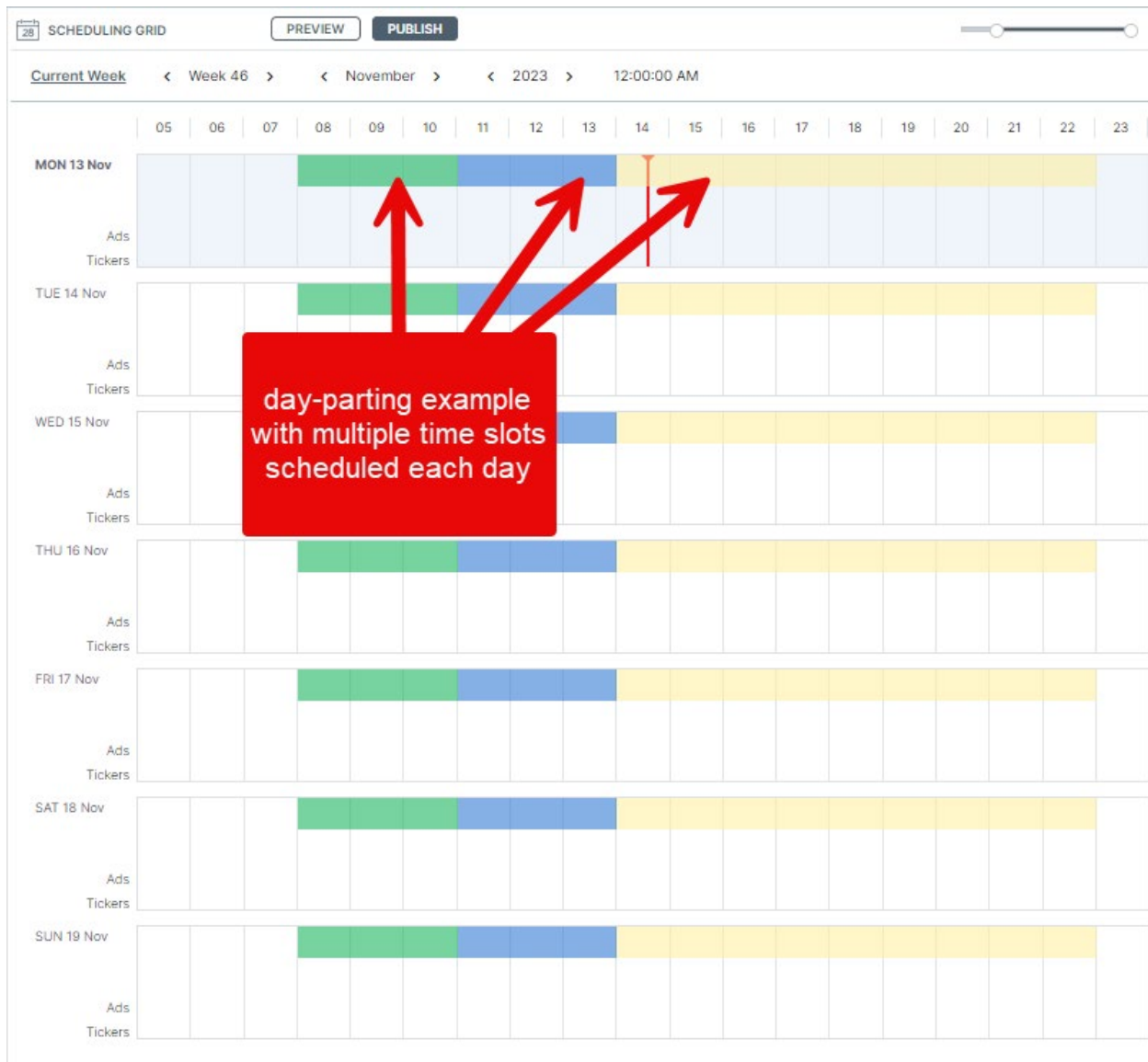
The VIDEOSTAR scheduling system lends itself to many types of planning scenarios.

# Daily programming



Users can assign the same playlist to each day of the week and program content by adding or removing items from the playlist as required. Playlist content which has been assigned one or more validity periods will play according to these rules. This is the simplest form of scheduling. To repeat this schedule over time, users can duplicate the current day for as long as required (up to one year from the current date).

## Day-parting



Day-parting relies on scheduling playlists in sequence to program content that changes throughout the day. An example would be a restaurant that changes its menu as the day progresses (breakfast/morning, lunch/noon and dinner/evening). However this programming technique isn't reserved for the food service industry. For example, businesses can change their programming to switch from on-hour to off-hour content.

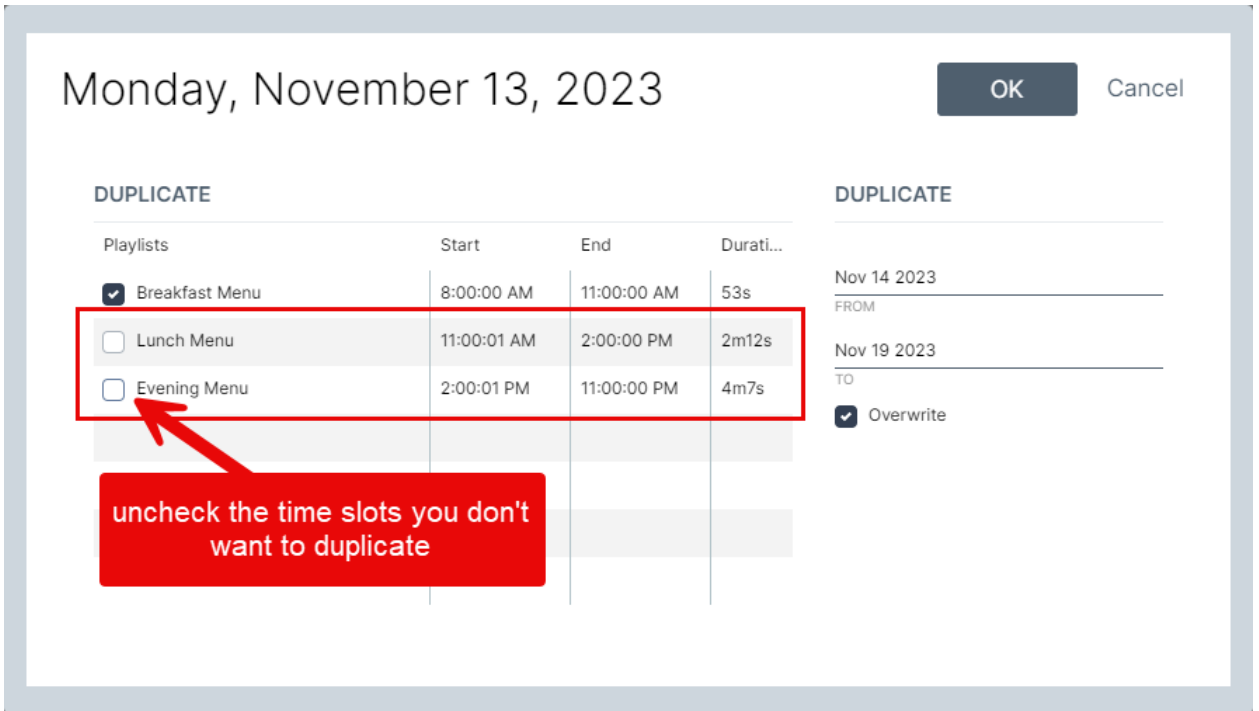
# Weekly scheduling

The screenshot shows a scheduling interface for a '2nd Floor' location. On the left, there is a 'PLAYLISTS' sidebar with a '+ PLAYLIST' button and a search icon. Below this, the days of the week are listed with their respective playlist counts: SUNDAY (22s, 2 content), SATURDAY (55s, 3 content), FRIDAY (21s, 3 content), THURSDAY (14s, 2 content), WEDNESDAY (2m12s, 9 content), TUESDAY (4m7s, 17 content), and MONDAY (53s, 3 content). The main area is a 'SCHEDULING GRID' with 'PREVIEW' and 'PUBLISH' buttons. The grid shows the current week (Week 46) for November 2023, starting at 12:00:00 AM. The grid columns represent hours from 05 to 23. Each day of the week has a corresponding row with 'Ads' and 'Tickers' sub-rows. A red box highlights a time slot on Monday (Nov 13) from approximately 08:00 to 18:00, with the text: 'example of individual playlists assigned to a different time slot each day of the week'.

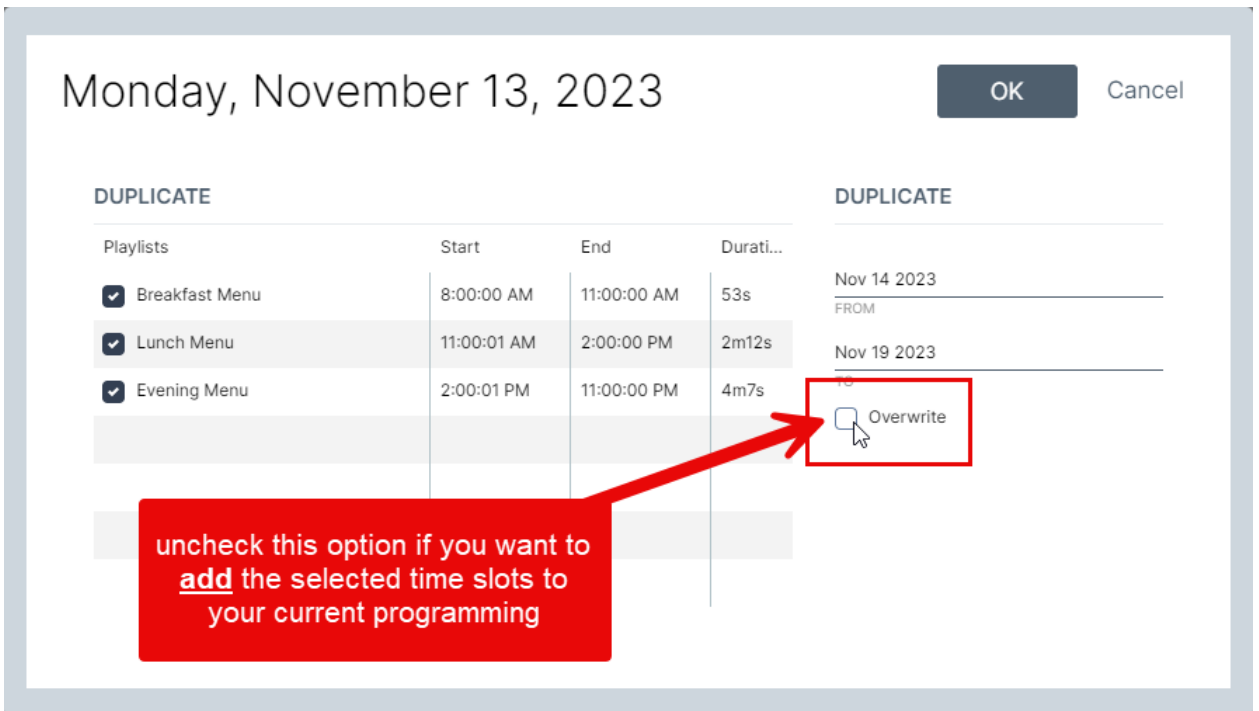
Programming can be changed from hour to hour, daily or in any combination. For example, users can schedule different playlists for each day of the week or create a weekday/weekend pattern. To create a running weekly schedule, start by filling out the current week and organize your playlists as required. Next, duplicate the current week for as long as required (up to one year from the current date).

## Useful Tips

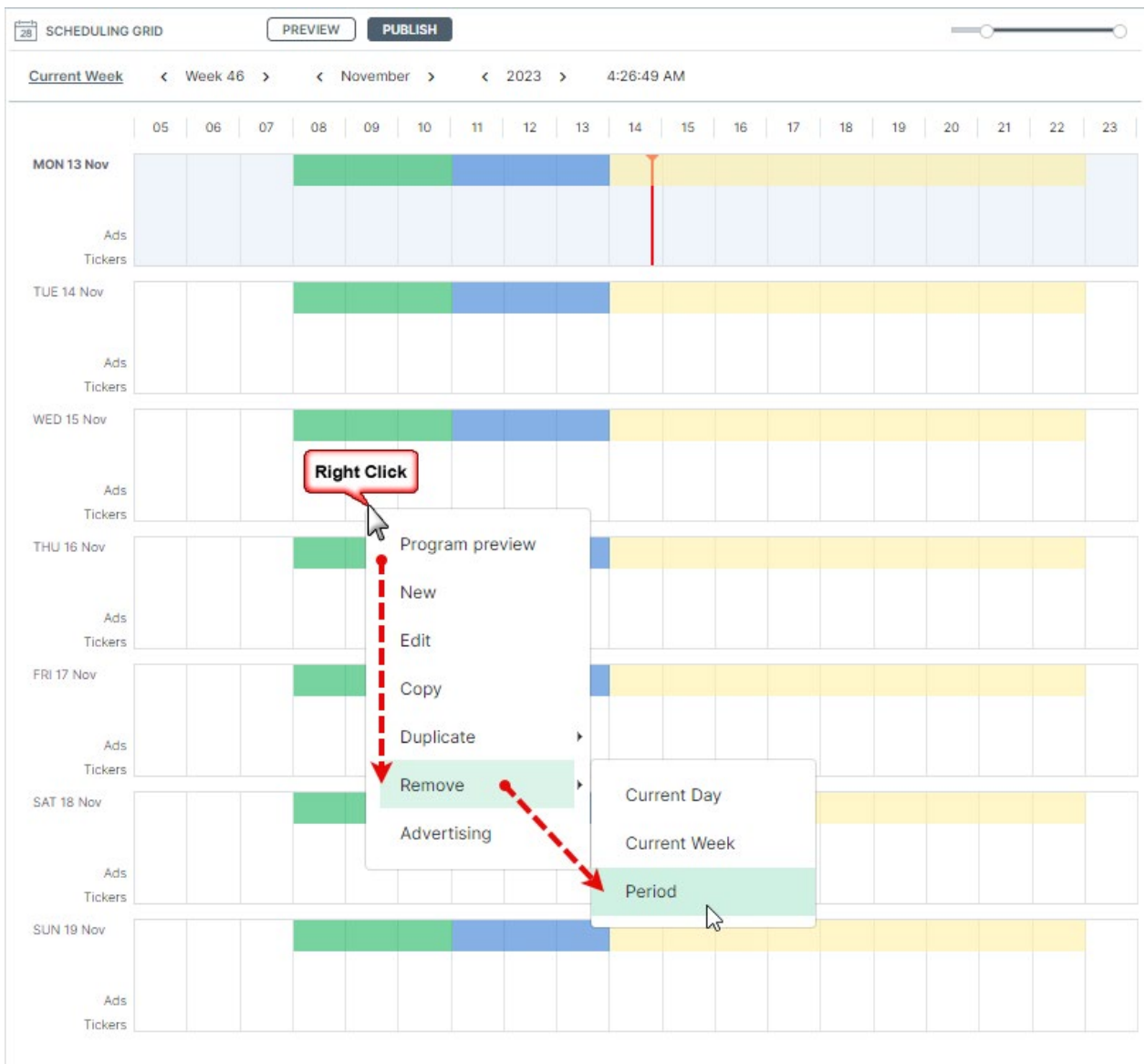
- When duplicating the current day, users can select to copy all the time slots scheduled on the selected day (this is the default option). However, users can also deselect any time slot they don't wish to copy forward.



- When duplicating the current day or week, all future time slots for the selected period will be replaced by the current program. However, this option can be deactivated when duplicating the current day.



- Users can delete the entire programming for weeks and month in the future simply by selecting **Remove > Period** in the **Scheduling grid** popup menu.



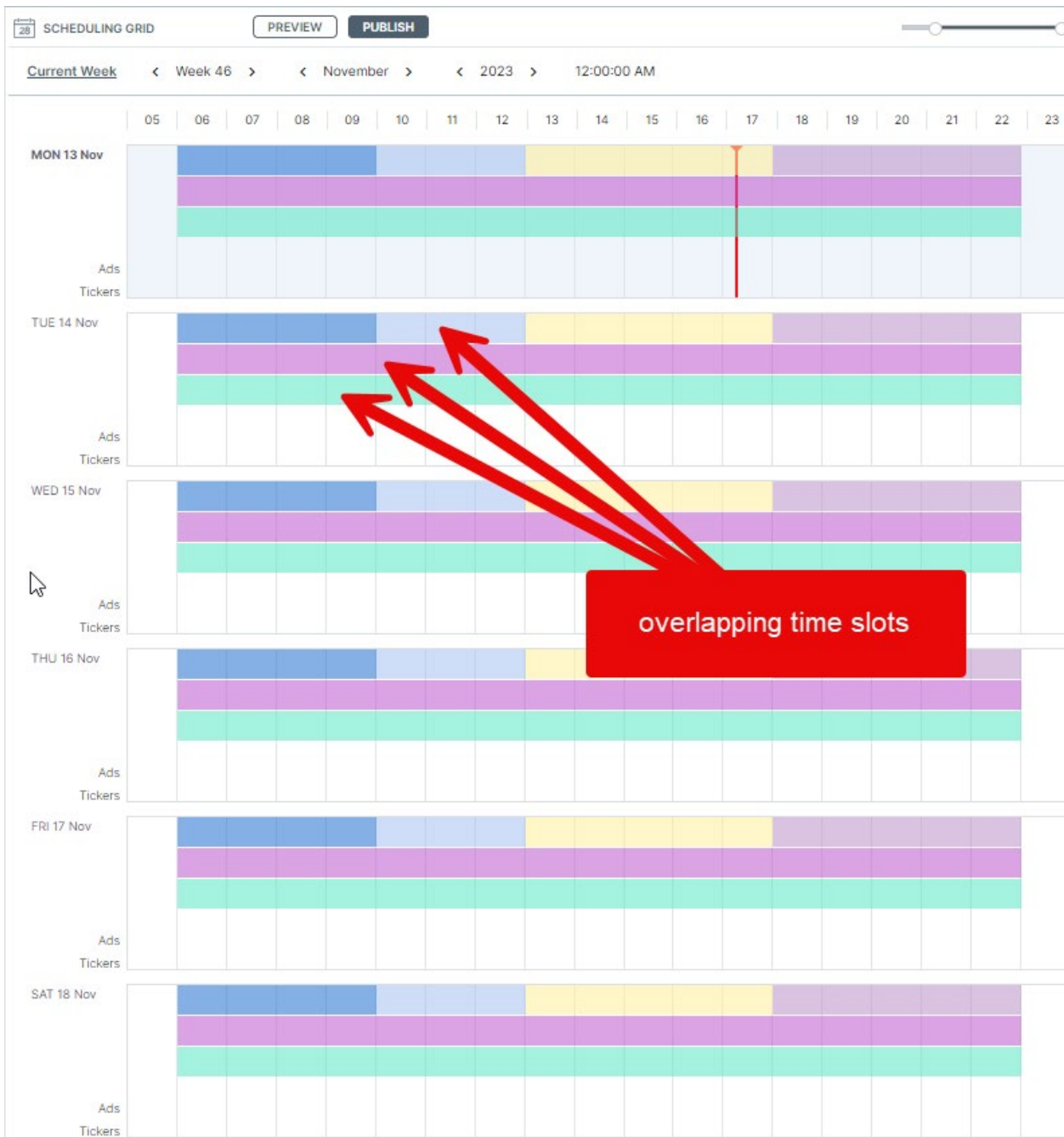
## Merging Playlists and Time Slots

VIDEOSTAR supports the merging of overlapped time slots to support advanced programming scenarios.

In the example below, we have time slots for the morning, midday, afternoon and evening periods. We also have overlapped time slots with our corporate playlist and our daily playlists.

These time slots occupy the 6 AM to 11 PM range.





When time slot start/end times overlap, the contents of each playlist are merged together following one of these rules:

- Contents are merged **sequentially** (default setting).
- Contents are merged and **reordered** (optional setting).

## Sequential option

Monday, November 13, 2023 OK Cancel

**TIME SLOT** Add

Playlists	Start	End	Duration	Merge option	Nb. Media	Everlasting
Morning Playlist	06:00:00AM	10:00:00AM	2m12s	Sequentially	<input type="checkbox"/>	<input checked="" type="checkbox"/>
West Building Playlist	06:00:00AM	11:00:00PM	14s	Sequentially	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Midday Playlist	10:00:01AM	01:00:00PM	22s	Sequentially	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Afternoon Playlist	01:00:01PM	06:00:00PM	4m7s	Sequentially	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Evening Playlist	06:00:01PM	11:00:00PM	55s	Sequentially	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Corporate Playlist	06:00:00AM	11:00:00PM	35s	Sequentially	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**this option indicates all the content of each playlist will play in sequence**

When the **Sequential** time slot merge option is selected, the content from the first playlist will play, then the content from the second playlist will play, and so on...

The content of all overlapped playlists will play in sequence as you can see in the **Time Slot Properties** window above.

## Reordered option

Monday, November 13, 2023

OK Cancel

TIME SLOT

Playlists	Start	Stop	Duration	Merge option	Nb. Media	Everlasting
Morning Playlist	06:00:00AM	10:00:00AM	2m12s	Reorder	3	<input type="checkbox"/>
West Building Playlist	06:00:00AM	11:00:00PM	14s	Reorder	5	<input type="checkbox"/>
Midday Playlist	10:00:01AM	01:00:00PM	22s	Reorder	1	<input type="checkbox"/>
Afternoon Playlist	01:00:01PM	06:00:00PM	4m7s	Reorder	3	<input type="checkbox"/>
Evening Playlist	06:00:01PM	11:00:00PM	55s	Reorder	4	<input type="checkbox"/>
Corporate Playlist	06:00:00AM	11:00:00PM	35s	Sequentially		<input type="checkbox"/>

indicates we are now reordering the content of each playlist

indicates this playlist will play in its entirety

this is the number of media that will play on each pass

When the **Reordered** time slot option is selected, the **"Nb. Media"** selection box of the **Time Slot Properties** window will be activated.

This is where you select how many content items from each programmed playlist you wish to play before moving to the next one.

In the example above, the content of each playlist will be reordered according to the number selected. Some global content will play all day and appear according to the Reorder value.

On each successive pass:

- The Morning playlist will show 3 items between 6 and 10 AM.
- The West Building Playlist will play 5 items between 6 AM and 11 PM.
- The Midday playlist will play 1 item between 10 AM and 1 PM.
- The Afternoon playlist will play 3 items between 1 and 6 PM.
- The Evening playlist will play 4 items between 6 and 11 PM.
- The Corporate playlist will play all the items it contains as its merge option set as "sequentially".

## Additional information about time slots

**Time slots** represent scheduled playlists. Users can create or delete time slots without affecting their corresponding playlists.

Time slot duration can be set using the mouse to drag the ends in the **Scheduling grid** or by changing the **Start** and **End** values in the **Time Slot Properties**.

New time slots can be added by dragging and dropping their playlist icon into the **Scheduling grid**, or by clicking **Add** in the **Time Slot Properties**.

Wednesday, May 11, 2022

OK Cancel

**TIME SLOT**

Playlists	Start	End	Duration	Merge Option	Nb. Media
Morning Playlist	06:00:00AM	11:00:00AM	1m19s	Reorder	3
Corporate Playlist -Global	06:00:00AM	11:00:00PM	0s	Reorder	5
Daily Playlist	06:00:00AM	11:00:00PM	5m55s	Reorder	1
Afternoon Playlist	11:01:00AM	04:00:00PM	3m58s	Reorder	3
Evening Playlist	04:00:01PM	11:00:00PM	3m1s	Reorder	4
Select	12:00:00AM	11:59:59PM	0s	Sequentially	

Users can merge up to 10 time slots in the **Scheduling grid** on any given day.

Time slots can reference local or global playlists (playlists from higher levels).

Time slots can be deleted in the **Scheduling grid** or from the **Time Slot Properties** window, by clicking on the “X” right of the **Nb. Media** box.

Monday, November 13, 2023

OK

Cancel

TIME SLOT

Add

Playlists	Start	End	Duration	Merge option	Nb. Media	Everlasting
Morning Playlist	06:00:00AM	10:00:00AM	2m12s	Reorder	3	<input type="checkbox"/> <input checked="" type="checkbox"/>
West Building Playlist	06:00:00AM	11:00:00PM	14s	Reorder	5	<input type="checkbox"/> <input checked="" type="checkbox"/>
Midday Playlist	10:00:01AM	01:00:00PM	22s	Reorder	1	<input type="checkbox"/> <input checked="" type="checkbox"/>
Afternoon Playlist	01:00:01PM	06:00:00PM	4m7s	Reorder	3	<input type="checkbox"/> <input checked="" type="checkbox"/>
Evening Playlist	06:00:01PM	11:00:00PM	55s	Reorder	4	<input type="checkbox"/> <input checked="" type="checkbox"/>
Corporate Playlist	06:00:00AM	11:00:00PM	35s	Sequentially		<input type="checkbox"/> <input checked="" type="checkbox"/>
Select	12:00:00AM	11:59:59PM	0s			<input checked="" type="checkbox"/> <input type="checkbox"/>

click X to delete time slot

Playlists associated with time slots can be swapped out. Simply click the playlist field to bring up a list of all available playlist.

Once a playlist has been selected, it will inherit the start / end / merge option of the previously programmed playlist.

Monday, November 13, 2023 OK Cancel

**TIME SLOT** Add

Playlists	Start	End	Duration	Merge option	Nb. Media	Everlasting
Morning Playlist	06:00:00AM	10:00:00AM	2m12s	Reorder	3	<input type="checkbox"/>
West Building Playlist	06:00:00AM	11:00:00PM	14s	Reorder	5	<input type="checkbox"/>
Midday Playlist	10:00:01AM	01:00:00PM	22s	Reorder	1	<input type="checkbox"/>
Select	01:00:01PM	06:00:00PM	4m7s	Reorder	3	<input type="checkbox"/>
Corporate Playlist	06:00:01PM	11:00:00PM	55s	Reorder	4	<input type="checkbox"/>
West Building Playlist	06:00:00AM	11:00:00PM	35s	Sequentially		<input type="checkbox"/>
Afternoon Playlist	12:00:00AM	11:59:59PM	0s	Sequentially		<input type="checkbox"/>
Evening Playlist						<input type="checkbox"/>
Midday Playlist						<input type="checkbox"/>

At any time you may click **OK** to save your settings, or click **Cancel** to abort.

**Note about merging playlists...**

Overlapped playlists can be assigned different merge options. You don't have to use "reorder" or "sequential" options for all your programmed playlists.

Select the proper setting to achieve your intended results and modify as needed.

**Useful Tip!**

In the examples shown above, you may notice some playlist names mention "Global" and "Local". This is not managed in the software. We just used these names to better identify the type of playlist we're working with. You are free to name your playlists any way you choose but we recommend you use descriptive names for simplicity's sake.

**Everlasting time slots**

**Everlasting** time slots (also known as "permanent time slots") appear across every day of the calendar.

To change a regular time slot into an **Everlasting** time slot, select the time slot's **Everlasting** checkbox.

Monday, November 13, 2023 OK Cancel

**TIME SLOT** Add

Playlists	Start	End	Duration	Merge option	Nb. Media	Everlasting
Morning Playlist	06:00:00AM	10:00:00AM	2m12s	Sequentially		<input type="checkbox"/> X
West Building Playlist	06:00:00AM	11:00:00PM	14s	Sequentially		<input type="checkbox"/> X
Midday Playlist	10:00:01AM	01:00:00PM	22s	Sequentially		<input type="checkbox"/> X
Afternoon Playlist	01:00:01PM	06:00:00PM	4m7s	Sequentially		<input type="checkbox"/> X
Evening Playlist	06:00:01PM	11:00:00PM	55s	Sequentially		<input type="checkbox"/> X
Corporate Playlist	06:00:00AM	11:00:00PM	35s	Sequentially		<input type="checkbox"/> X

**everlasting time slots appear across the scheduling grid calendar**

**click to turn a regular time slot into an everlasting time slot**

[Click here](#) to read more about **Everlasting** time slots.

## Previewing your schedule

You can generate forward looking reports, essentially previews of your programming. This lets you see how the content will play on any given date in the future.

To open the Preview window, click the **PREVIEW** button in the upper left corner of the **Scheduling grid** (left of the **PUBLISH** button).

The screenshot shows the 'SCHEDULING GRID' interface. At the top, there are two buttons: 'PREVIEW' (highlighted with a red box and arrow) and 'PUBLISH'. Below the buttons, the current week is displayed as 'Current Week' for 'November 2023' starting at '12:00:00 AM'. The grid shows a schedule for 'MON 13 Nov' with various colored blocks representing different playlists. The 'PREVIEW' button is located in the upper left corner of the grid area.

The preview window looks like this:

Wednesday, November 15, 02023 OK Cancel

PERIOD	SEARCH ON	AGGREGATION
Nov 15 2023 FROM 12:00:00AM FROM 11:59:59PM TO	CONTENT TAG AD REF.	<input checked="" type="checkbox"/> Played In Full <input type="checkbox"/> Advertising <div style="display: flex; justify-content: space-around;"> <span>Search</span> <span>Export</span> </div>

TIME	PLAYLISTS	CONTENT	HEIGHT	WIDTH	DURATION	IMPRESSIONS

The window is organized in 3 sections across the top: **PERIOD, SEARCH ON, AGGREGATION.**

Search results appear in the bottom area of the window and reports can be exported for sharing.

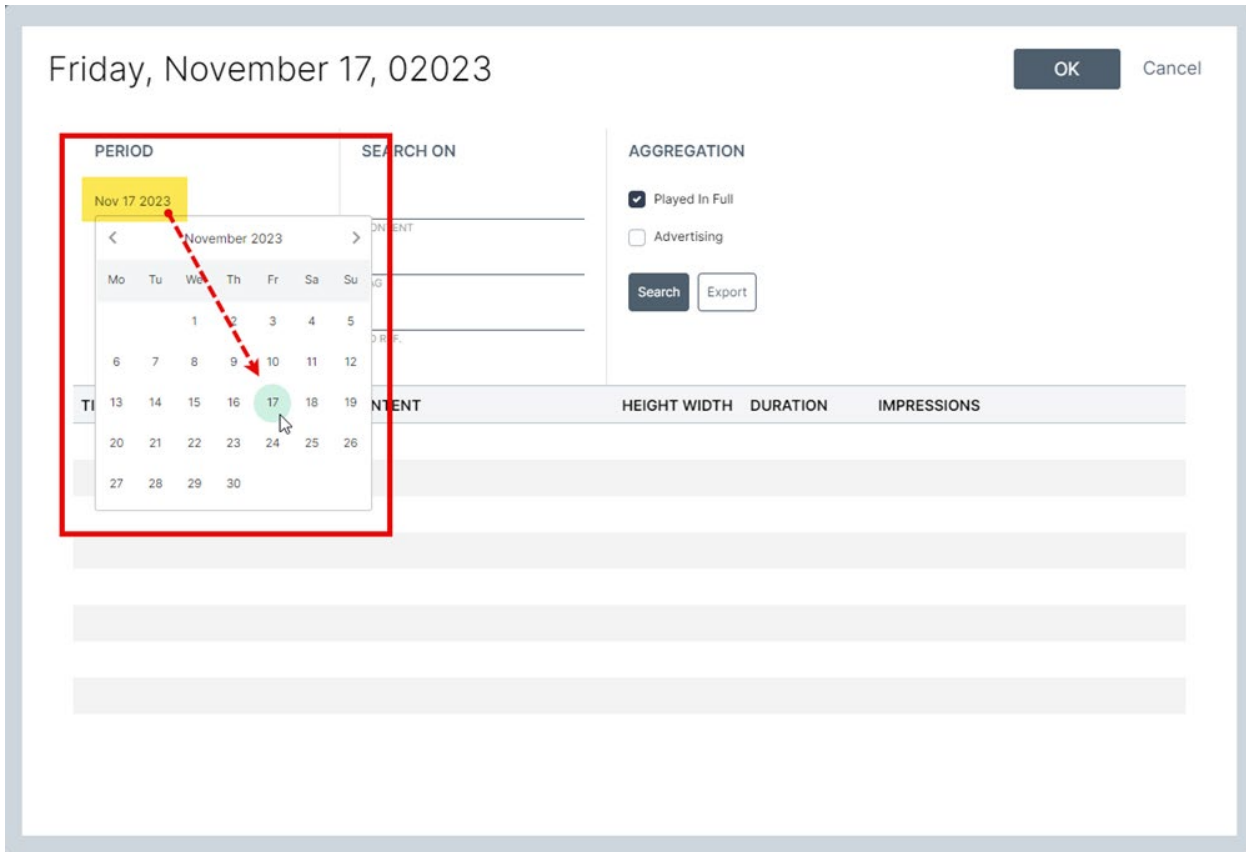
**PURPOSE**

The preview report is used to confirm playback assumptions, and review how the programming will run at a future date and time.

**PERIOD**

Set the date for the report by entering a date or click the calendar icon to select a date with your mouse.





Select the time slot to report on (default is 24 hours).

### PERIOD

Nov 17 2023

FROM

08:00:00AM

FROM

10:00:00PM

TO



### SEARCH ON

The search section lets you filter the results. Enter the name of a content item, customer reference or ad reference (metadata that can be assigned to each content item) for your search.

If you leave the fields at their default settings, you will generate an unfiltered report. All items will be shown for the period selected.

Friday, November 17, 02023 OK Cancel

**PERIOD**

Nov 17 2023

FROM

08:00:00AM

FROM

10:00:00PM

TO

**1 SEARCH ON**

1 **enter search criteria**

Text

CONTENT

TAG

AD REF.

**AGGREGATION**

Played In Full

Advertising

**2 click here**

Search

76 Impressions

TIME	PLAYLISTS	CONTENT	HEIGHT WIDTH	DURATION	IMPRESSIONS
1:02:14 PM	Afternoon Playlist	TexMex Grill	1920:1080	21s	1
1:06:10 PM	Afternoon Playlist	TexMex Grill	1920:1080	21s	2
1:10:06 PM	Afternoon Playlist	TexMex Grill	1920:1080	21s	3
1:14:02 PM	Afternoon Playlist	TexMex Grill	1920:1080	21s	4
1:17:58 PM	Afternoon Playlist	TexMex Grill	1920:1080	21s	5
1:21:54 PM	Afternoon Playlist	TexMex Grill	1920:1080	21s	6
1:25:50 PM	Afternoon Playlist	TexMex Grill	1920:1080	21s	7
1:29:46 PM	Afternoon Playlist	TexMex Grill	1920:1080	21s	8
1:33:42 PM	Afternoon Playlist	TexMex Grill	1920:1080	21s	9
1:37:38 PM	Afternoon Playlist	TexMex Grill	1920:1080	21s	10

## AGGREGATION

Selecting the **Played in full** option will bring back only results that have played from beginning to end. Content that was cut before their end will be ignored.

Selecting the **Advertising** option will return only content from advertising playlists. If this option is left unselected, all content including content in advertising playlists will be shown.

## AGGREGATION

Played In Full

Advertising

Search

Export

76 Impressions



number of times  
the content will play

Whenever you change your parameters, be sure to click the **SEARCH** button to generate or refresh your report.

The report shows the following information:

- **TIME** of the event. This represents when the content will play in hours : minutes : seconds.
- **PLAYLIST** name.
- **CONTENT** name.
- **HEIGHT and WIDTH** of the content when it was played on screen. These values are expressed in pixels (ex. 1920:1080 indicates a full HD image played full screen).
- **DURATION** is the content duration.
- **IMPRESSIONS** represents the number of times the content will be shown

## EXPORT

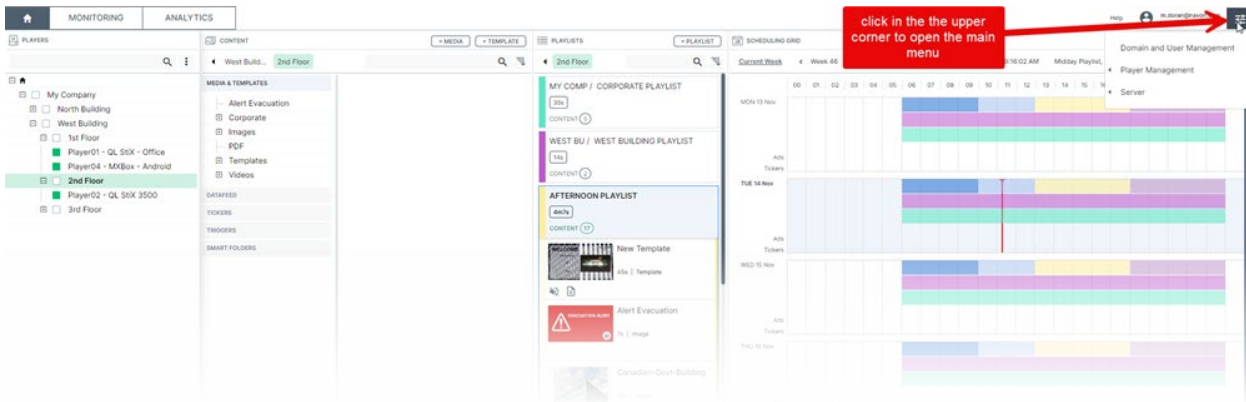
Click the **EXPORT** button to generate a CSV file that you can download and share.

Here is how the report will look in Excel:

Date	Time	PlaylistName	MediaName	X	Y	Width	Height	Duration	J	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
2	3607	0	Default Media		0	0	1920	1080	21600	1																		
3	3607	21600000	Breakfast	Coffee Beans Welcome	0	0	1920	1080	16	1																		
4	3607	21616000	Breakfast	coffee beans	0	0	1920	1080	7	1																		
5	3607	21623000	Breakfast	eggs	0	0	1920	1080	7	1																		
6	3607	21630000	Breakfast	coffee cup with beans	0	0	1920	1080	7	1																		
7	3607	21637000	Corporate Playlist - Global	Menu v1	0	0	1920	1080	8	1																		
8	3607	21644000	Corporate Playlist - Global	Jaguar car delivery	0	0	1920	1080	19	1																		
9	3607	21651000	Corporate Playlist - Global	Departure FIDS	0	0	1920	1080	8	1																		
10	3607	21657000	Corporate Playlist - Global	Markets	0	0	1920	1080	5	1																		
11	3607	21667000	Corporate Playlist - Global	Gym and Fitness - NY	0	0	1920	1080	15	1																		
12	3607	21672000	Corporate Playlist - Global	Departure FIDS	0	0	1920	1080	8	2																		
13	3607	21700000	Site A Playlist - Global	Jaguar car delivery	0	0	1920	1080	19	2																		
14	3607	21719000	Site A Playlist - Global	Departure FIDS	0	0	1920	1080	8	3																		
15	3607	21727000	Breakfast	Coffee Beans Welcome	0	0	1920	1080	16	2																		
16	3607	21743000	Breakfast	coffee beans	0	0	1920	1080	7	2																		
17	3607	21750000	Breakfast	eggs	0	0	1920	1080	7	2																		
18	3607	21757000	Breakfast	coffee cup with beans	0	0	1920	1080	7	2																		
19	3607	21764000	Corporate Playlist - Global	Menu v1	0	0	1920	1080	8	2																		
20	3607	21772000	Corporate Playlist - Global	Jaguar car delivery	0	0	1920	1080	19	3																		
21	3607	21791000	Corporate Playlist - Global	Departure FIDS	0	0	1920	1080	8	4																		
22	3607	21799000	Corporate Playlist - Global	Markets	0	0	1920	1080	5	2																		
23	3607	21804000	Corporate Playlist - Global	Gym and Fitness - NY	0	0	1920	1080	15	2																		
24	3607	21819000	Corporate Playlist - Global	Departure FIDS	0	0	1920	1080	8	5																		
25	3607	21827000	Site A Playlist - Global	Jaguar car delivery	0	0	1920	1080	19	4																		
26	3607	21846000	Site A Playlist - Global	Departure FIDS	0	0	1920	1080	8	6																		
27	3607	21854000	Breakfast	Coffee Beans Welcome	0	0	1920	1080	16	3																		
28	3607	21870000	Breakfast	coffee beans	0	0	1920	1080	7	3																		
29	3607	21877000	Breakfast	eggs	0	0	1920	1080	7	3																		
30	3607	21884000	Breakfast	coffee cup with beans	0	0	1920	1080	7	3																		
31	3607	21891000	Corporate Playlist - Global	Menu v1	0	0	1920	1080	8	3																		
32	3607	21899000	Corporate Playlist - Global	Jaguar car delivery	0	0	1920	1080	19	5																		
33	3607	21918000	Corporate Playlist - Global	Departure FIDS	0	0	1920	1080	8	7																		
34	3607	21926000	Corporate Playlist - Global	Markets	0	0	1920	1080	5	3																		
35	3607	21933000	Corporate Playlist - Global	Gym and Fitness - NY	0	0	1920	1080	15	3																		
36	3607	21946000	Corporate Playlist - Global	Departure FIDS	0	0	1920	1080	8	8																		
37	3607	21954000	Site A Playlist - Global	Jaguar car delivery	0	0	1920	1080	19	6																		
38	3607	21973000	Site A Playlist - Global	Departure FIDS	0	0	1920	1080	8	9																		

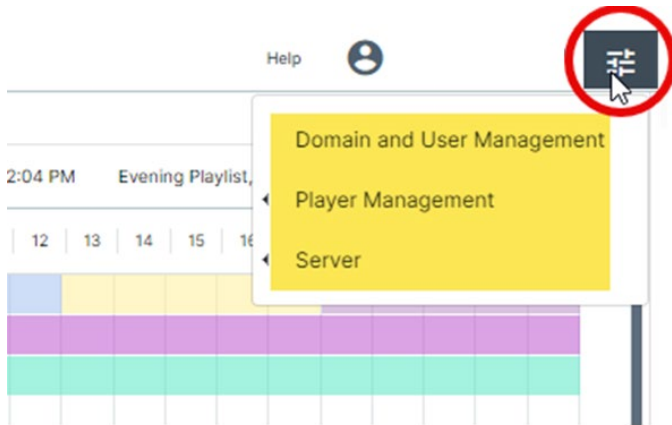
## Main Menu

The main menu is accessed by clicking the settings symbol in the upper right corner of the screen.



The main menu will show different options depending on your user profile.

The options shown below are for a user with administrative credentials (**Admin** user profile).



From the top you will find:

**Domain and User Management:** Administrators can create and manage multiple user accounts via this option.

**Server:**

**Properties:** This is where you can access the **VIDEOSTAR Server Properties** (only available to administrators).

## Domain and User Management

**Domain and User Management** is the first option in the [main menu](#).

Administrators create domains to grant or deny access to groups and sub-groups under their control.

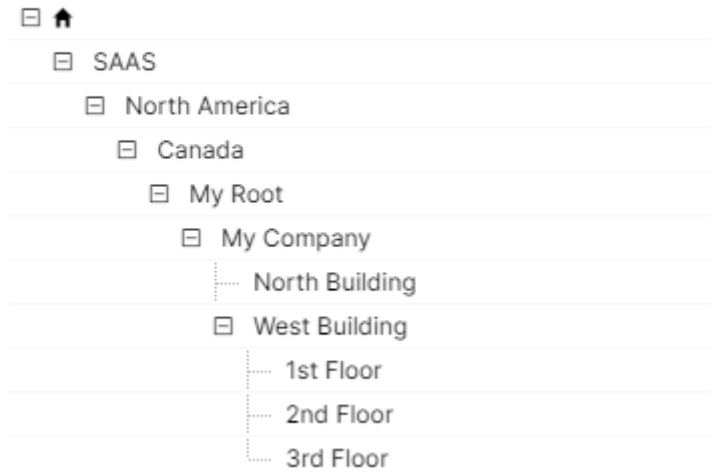
Once a domain has been created, the administrator will create users in each domain, effectively controlling which areas of the network these users can see and access.

### What are domains?

VIDEOSTAR Domains are made of different levels (groups / sub-groups) in the player hierarchy.

Here is the group view in the **Domain and User Management** window.

## VIEW



Administrators can create multiple domains from this hierarchy by selecting and saving them individually.

For example, we can create a domain for one of our tenants and include levels **My Company > West Building** and this domain will let its users access only these two levels. Users assigned to this domain won't be able to see any levels above or below these two levels.

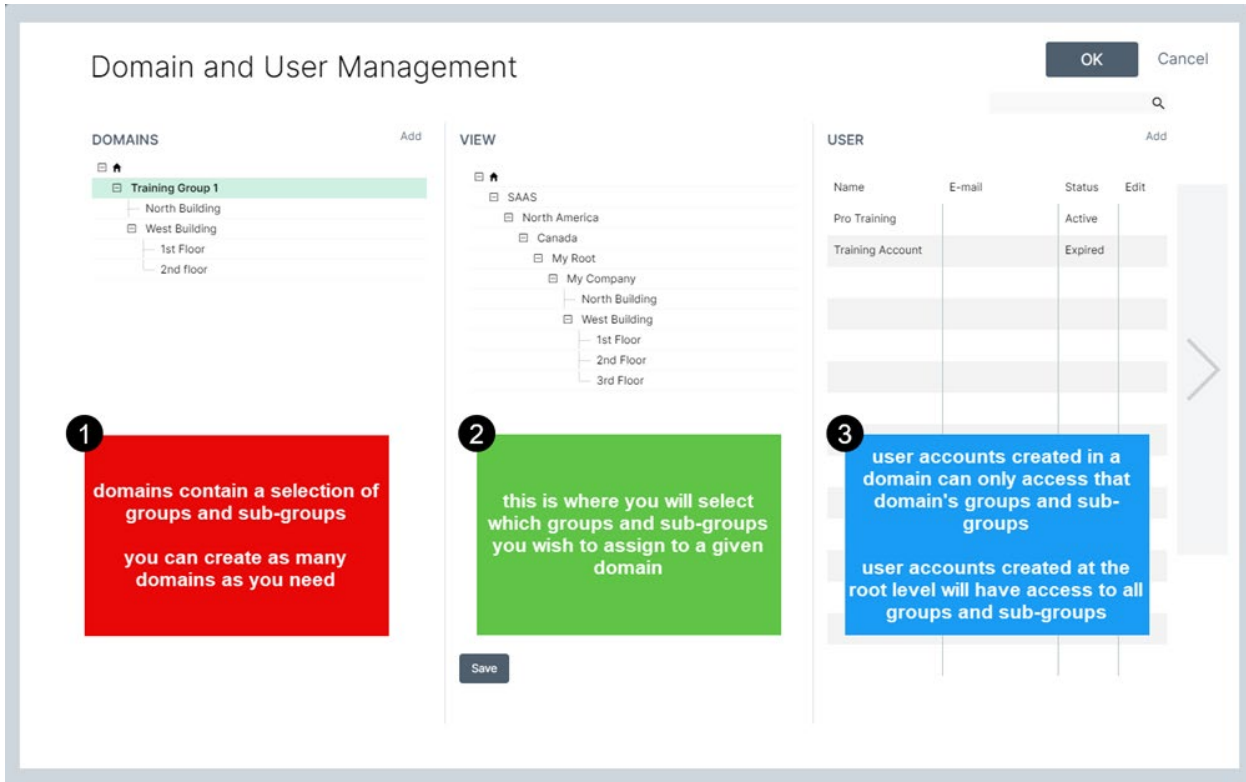
To give access to users in the sub-groups immediately below “West Building”, administrators must also include the sub-groups located below West Building and assign these levels to the domain (in the above example, this would be sub-groups 1st Floor, 2nd Floor, 3rd Floor). Administrators can add or remove selections at any time and changes will come into effect next time the domain users log in.

**NOTE:** User accounts created at the top (root) level of your Player network will have unrestricted access to the entire hierarchy. This is useful for administrator and other high-level users who need access to every levels. [Click here](#) for additional information and best practices for root/domain level administrator and accounts.

Domains are great for managing multi-tenant networks or simply to restrict access to various parts of your network.

## Domain and User Management window overview

The **Domain and User Management** window is split into 3 areas:

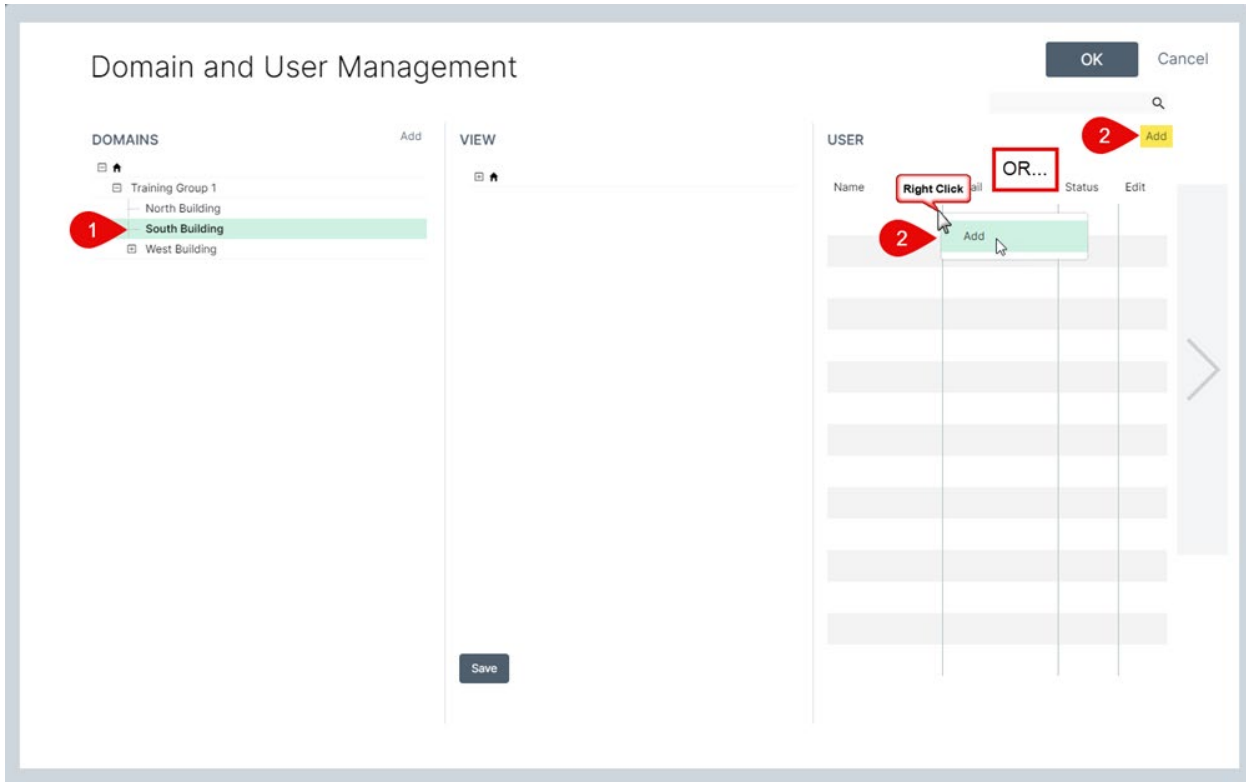


1. The **Domain** list. This is where you browse the list of available domains and create new domains. Domains can contain sub-domains. Click the down-arrow to show sub-levels.
2. The **Group / Sub-Group** View. This is where you browse the group and sub-group levels. Click the down-arrow to show sub-levels. You can select levels to be included or excluded from the selected domain in this section.
3. The VIDEOSTAR **User** list. This table shows the list of users assigned to the selected domain. You create new user accounts in this section.

## Creating user accounts

User accounts are specific to each domain.

Start by opening the **Domain and User Management** window, then follow these steps:



1. Click on the domain, or sub-domain where you wish to create the new user account.
2. Right-click in the **USER** table and select **Add**, or click **Add** above the **USER** table.

In both cases, the **User Account** window will open. This is where you enter the user's credentials and assign their profile.

The **User Account** window has 3 sections:



OK Cancel

GENERAL <span style="float: right; font-size: 24px; color: red; border: 1px solid red; border-radius: 50%; padding: 2px 6px;">1</span>	ACCOUNT <span style="float: right; font-size: 24px; color: red; border: 1px solid red; border-radius: 50%; padding: 2px 6px;">2</span>	ASSIGN PROFILE <span style="float: right; font-size: 24px; color: red; border: 1px solid red; border-radius: 50%; padding: 2px 6px;">3</span>										
<p>Training Group 1</p> <p>COMPANY</p> <hr/> <p>CONTACT *</p> <hr/> <p>E-MAIL</p> <hr/> <p>ADDRESS 1</p> <hr/> <p>COUNTRY</p> <hr/> <p>STATE / PROVINCE</p> <hr/> <p>CITY</p> <hr/> <p>ZIP</p> <hr/> <p>LANDLINE</p> <hr/> <p>MOBILE</p> <hr/>	<p>QL Authentication</p> <p>TYPE</p> <hr/> <p>LOGIN *</p> <hr/> <p>PASSWORD *</p> <hr/> <p>CONFIRM *</p> <hr/> <p>Nov 14, 2023</p> <p>ACTIVATION</p> <p>Nov 14 2024</p> <hr/> <p>EXPIRATION DATE</p> <p><input type="checkbox"/> IP Restriction:</p> <hr/> <p>#</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20px;">1</td><td style="border: 1px solid #ccc; height: 15px;"></td></tr> <tr><td>2</td><td style="border: 1px solid #ccc; height: 15px;"></td></tr> <tr><td>3</td><td style="border: 1px solid #ccc; height: 15px;"></td></tr> <tr><td>4</td><td style="border: 1px solid #ccc; height: 15px;"></td></tr> <tr><td>5</td><td style="border: 1px solid #ccc; height: 15px;"></td></tr> </table>	1		2		3		4		5		<p>Default</p> <p>TYPE *</p> <hr/> <p>ROLE *</p> <hr/> <p>ALERTS *</p> <hr/> <p>EVENTS *</p> <hr/> <p>None</p> <p>E-MAIL APPROVAL</p> <p><input type="checkbox"/> E-mail Notification</p> <hr/> <p><i>Note: You must select one profile for each option. Please do not forget to select the E-mail Notification check box to receive automated e-mails when an alert is detected.</i></p>
1												
2												
3												
4												
5												

The fields identified with an asterisk are mandatory.

Manager@MyCompany

OK Cancel

**GENERAL**

Training Group 1

COMPANY

Manager

CONTACT \*

manager@company.com

E-MAIL

ADDRESS 1

COUNTRY

STATE

CITY

ZIP

LANDLINE

MOBILE

**ACCOUNT**

QL Authentication

TYPE

Manager@MyCompany

LOGIN \*

\*\*\*\*\*

PASSWORD \*

\*\*\*\*\*

CONFIRM \*

Nov 14, 2023

ACTIVATION

Nov 14 2024

EXPIRATION DATE

IP Restriction:

#

1

2

3

4

5

**ASSIGN PROFILE**

Admin

TYPE \*

All Alerts

ALERTS \*

All Events

EVENTS \*

None

E-MAIL APPROVAL

E-mail Notification

*Note: You must select one profile for each option. Please do not forget to select the E-mail Notification check box to receive automated e-mails when an alert is detected.*

fields identified with an asterisk are mandatory

## GENERAL

This is where you enter the user's contact information. These fields are all optional (except for the CONTACT field), however it's important to enter an email address in the appropriate field if you want this user to receive automated email notifications.

**NOTE:** The **COMPANY** field is automatically filled in and can't be edited. The information in this field is retrieved from the Root Domain name assigned by Videostar.

**VIDEOSTAR authentication** means VIDEOSTAR server will authenticate the user based on their login name and password as configured in VIDEOSTAR.

**Account Login:** Enter a login name for the user. Alphanumeric and special characters are supported (for example, name@company.com is a valid user name). **IMPORTANT:** login names are case-sensitive.

**Password and Confirm Password:** If VIDEOSTAR authentication is selected, enter a password for the new user account and then confirm the password in the next field. Passwords must match.

- Passwords must have 8 or more characters and contain at least one uppercase, one lowercase and one number. Special characters are also supported.
- An error will appear if your password or confirmation fail to meet the requirements.
- **IMPORTANT:** Passwords are case-sensitive.

**Start and Expiration dates:** User accounts have a start and expiry dates and all new user accounts expire **after one year** unless you specify an expiration date.

- To extend the account expiration date, click on the existing date to bring up the calendar and then navigate to the desired expiration date.
- To create a “permanent” account, simply enter a date really far in the future (ex. June 13, 2100).

**IP Restriction:** IP restriction is used to restrict user logins to a physical location, by entering one or more IP addresses in the fields provided.

- By default, IP restriction is **OFF** so to turn the feature **ON**, you must check the option box. Next, you enter each IP address you wish to restrict access from.
- Once this feature is enabled, this user will only be able to login from that IP address.

**NOTE:** Wildcards are supported (ex. 198.186.0.\*). This is so you can restrict access to a network segment and not just a specific IP.

This feature is useful if you want to prevent someone from logging in from outside the company’s office (like, from home).

To let users login from any location, leave this option unchecked.

## Assign Profile

**Type:** Depending on your user account, the options are: **Default**, and **Datafeed user interface**.

- Selecting **Default** will let you create a regular user who has access to the user interface. You can't create a full administrator account.
  - You can create a user with an **administrator profile** but they will not be able to access advanced features.
  - They will however be able to create and manage domains and user accounts.
- Selecting **Datafeed user interface**, will let you create a user that can only access the **Data Feed Manager**.
  - The user will be able to edit any VIDEOSTAR Server data feeds to which they have been given access.
  - The user won't be able to access any other VIDEOSTAR **Content Manager** feature (no access to the full user interface so they can't modify scheduling or playlists).

OK Cancel

**GENERAL**

Training Group 1  
COMPANY  
CONTACT \*  
E-MAIL  
ADDRESS 1  
COUNTRY  
STATE / PROVINCE  
CITY  
ZIP  
LANDLINE  
MOBILE

**ACCOUNT**

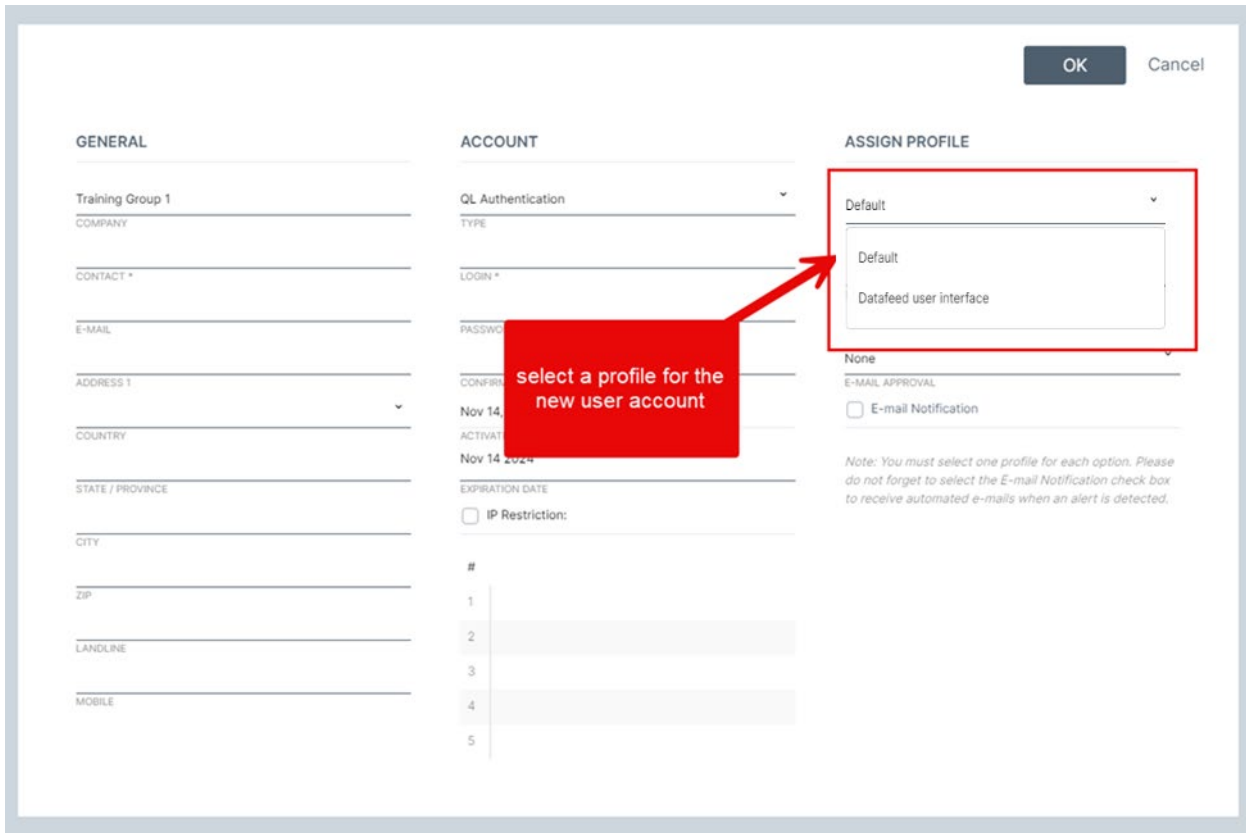
QL Authentication  
TYPE  
LOGIN \*  
PASSWORD  
CONFIRM  
Nov 14, 2024  
ACTIVATION DATE  
Nov 14, 2024  
EXPIRATION DATE  
 IP Restriction:  
#  
1  
2  
3  
4  
5

**ASSIGN PROFILE**

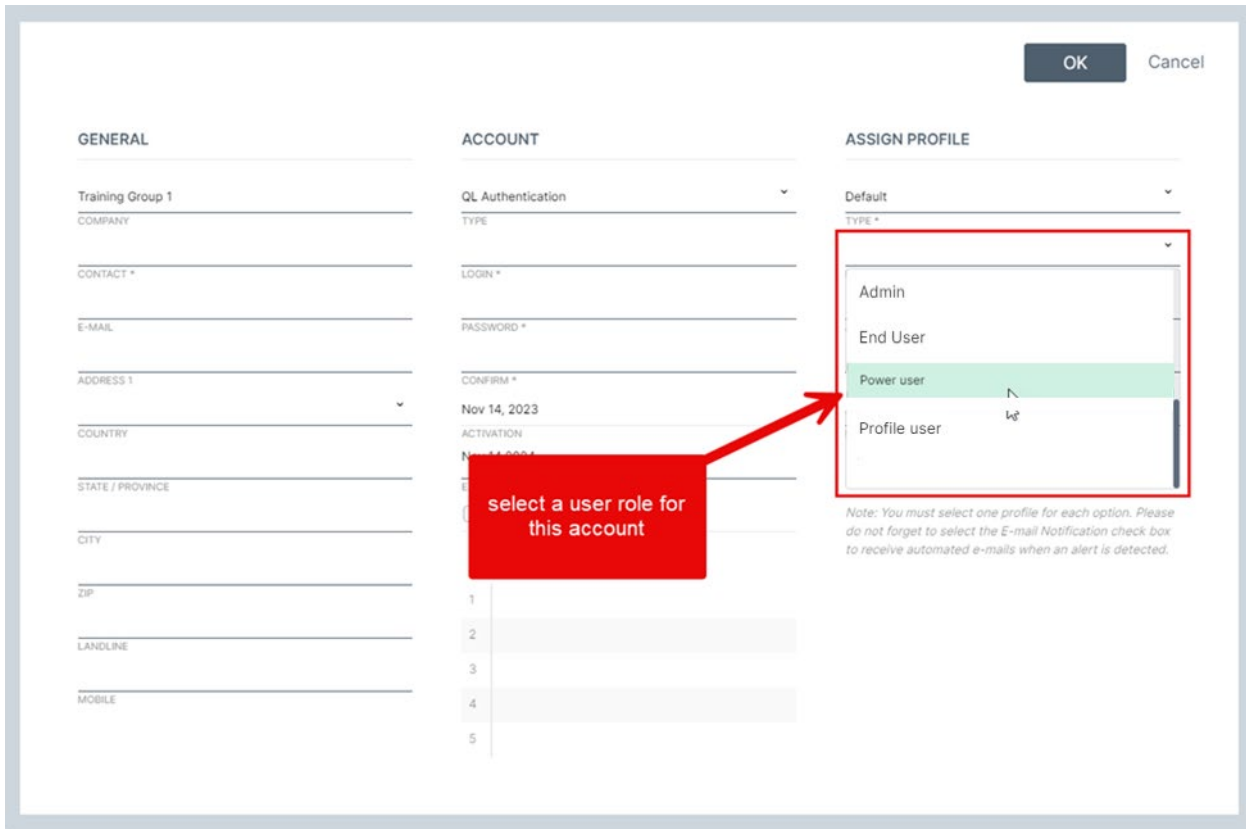
Default  
Default  
Datafeed user interface  
None  
E-MAIL APPROVAL  
 E-mail Notification

*Note: You must select one profile for each option. Please do not forget to select the E-mail Notification check box to receive automated e-mails when an alert is detected.*

**select a profile for the new user account**



**Role:** The role menu lets you select from a list of user profiles currently programmed on the server.



Videostar Cloud users have access to a series of pre-programmed user roles that control various user rights.

For example, **Admin** is an administrator profile that can create other user accounts. **End User** is a profile you assign to someone who needs to have his/her content approved by another user (someone like a **Power User** or **Content Editor**). There are several user profiles available to VIDEOSTAR Cloud customers.

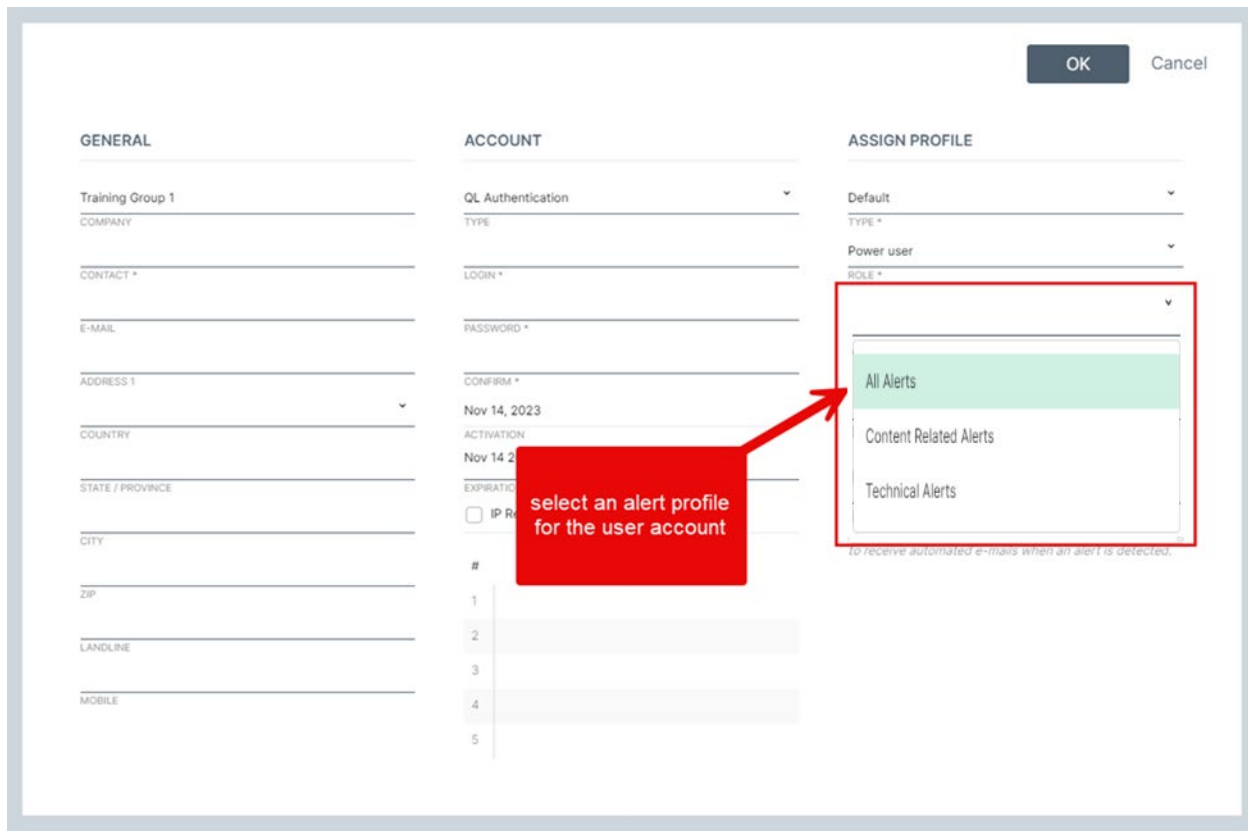
USER ROLES	PROFILES & USERS	PLAYERS				CONTENT LIBRARY			PLAYLISTS	SCHEDULING GRID		PUBLISH
		Can create?	Player Properties	Group Properties	Monitoring Window	Analytics Window	Template & Ticker DSGN	Approval Required?		Download Content?	Create Playlists?	
<b>Administrator</b>	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
<b>Content Editor</b>	No	No	No	No	No	Yes	Yes	Yes	No	No	No	No
<b>End User</b>	No	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
<b>Power User</b>	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
<b>View Only</b>	No	No	No	Yes	Yes	No	Yes	Yes	No	No	No	No

## User Profiles

**Alerts:** The alert profile determines the type of alert information that will be shown in the **VIDEOSTAR Content Manager UI**, and sent out by email (if applicable). **VIDEOSTAR Cloud** users can pick one of the following options: **All Alerts**, **Content Related Alerts**, **No Alerts**, **Short Alerts**, and **Technical Alerts**.

For example, users who have the “**Content Related Alerts**” profile will only see these specific alerts. They won’t be notified of any technical issue.

Users who are assigned the “**No Alerts**” profile will not receive any notifications.



**Events:** The event profile determines the type of event information that will be shown in the **VIDEOSTAR Content Manager UI**. **VIDEOSTAR Cloud** users can pick one of these options: **All Events**, **Content Related Events**, **Management Events**, and **Technical Events**. Users who have the “**Content Related Events**” profile will only see these specific events. They won’t be notified of technical events.

Users who are assigned the “**Management Events**” profile will be notified when they have content waiting for approval in the [Content Library](#).

The image shows a user account configuration form with three main sections: GENERAL, ACCOUNT, and ASSIGN PROFILE. The GENERAL section includes fields for Training Group 1, COMPANY, CONTACT \*, E-MAIL, ADDRESS 1, COUNTRY, STATE / PROVINCE, CITY, ZIP, LANDLINE, and MOBILE. The ACCOUNT section includes fields for QL Authentication, TYPE, LOGIN \*, PASSWORD \*, CONFIRM \*, EXPIRATION (with dates Nov 14, 2023 and Nov 14, 2024), and a checkbox for IP Res. The ASSIGN PROFILE section includes fields for Default, TYPE \*, Power user, ROLE \*, All Alerts, and ALERTS \*. The ALERTS \* dropdown menu is open, showing options: All Events (highlighted in green), Content Related Events, Management Events, and Technical Events. A red box highlights the dropdown menu, and a red arrow points to the 'All Events' option. A red callout box contains the text: 'select an event profile for the user account'. At the bottom of the dropdown menu, there is a note: 'to receive automated e-mails when an alert is detected.' Buttons for 'OK' and 'Cancel' are located at the top right of the form.

**Email approval:** Use the pull-down menu to select the email account of a root level user. This is the person who will receive content approval notification requests. This setting is optional.

OK Cancel

<p><b>GENERAL</b></p> <hr/> <p>COMPANY</p> <hr/> <p>CONTACT *</p> <hr/> <p>E-MAIL</p> <hr/> <p>ADDRESS 1</p> <hr/> <p>COUNTRY</p> <hr/> <p>STATE / PROVINCE</p> <hr/> <p>CITY</p> <hr/> <p>ZIP</p> <hr/> <p>LANDLINE</p> <hr/> <p>MOBILE</p> <hr/>	<p><b>ACCOUNT</b></p> <hr/> <p>QL Authentication</p> <p>TYPE</p> <hr/> <p>LOGIN *</p> <hr/> <p>PASSWORD *</p> <hr/> <p>CONFIRM *</p> <hr/> <p>Nov 14, 2023</p> <p>ACTIVATION</p> <p>Nov 14 2024</p> <p>EXPIRATION DATE</p> <p><input type="checkbox"/> IP Restriction:</p> <hr/> <p>4</p> <hr/> <p>5</p> <hr/>	<p><b>ASSIGN PROFILE</b></p> <hr/> <p>Default</p> <p>TYPE *</p> <hr/> <p>End User</p> <p>ROLE *</p> <hr/> <p>All Alerts</p> <p>ALERTS *</p> <hr/> <p>All Events</p> <p>EVENTS *</p> <hr/> <p>None</p> <p>None</p> <p style="background-color: #e0f2f1;">admin@mycompany.com</p> <hr/> <p><small>To receive automated e-mails when an alert is detected:</small></p>
--	--	---

select an email address  
that will receive content  
approval requests

**Email notification:** Clicking this option will enable email notifications from VIDEOSTAR Server. These are alert messages sent automatically to users know when an issue requires their attention. Note a valid email address must be provided. This setting is optional.



poweruser OK Cancel

GENERAL	ACCOUNT	ASSIGN PROFILE
Training Group 1	QL Authentication	Default
COMPANY	TYPE	TYPE *
Power User	poweruser	Power user
CONTACT *	LOGIN *	ROLE *
poweruser@mycompany.com	*****	All Alerts
E-MAIL	PASSWORD *	ALERTS *
ADDRESS 1	*****	All Events
COUNTRY	CONFIRM *	EVENTS *
STATE / PROVINCE	Nov 14, 2023	None
CITY	ACTIVATION	E-MAIL APPROVAL
ZIP	Nov 14 2024	<input checked="" type="checkbox"/> E-mail Notification
LANDLINE	EXPIRATION DATE	<small>Each option. Please activation check box alert is detected.</small>
MOBILE	<input type="checkbox"/> IP Restriction:	
	#	
	1	
	2	
	3	
	4	
	5	

entering an email address in the email field on the left unlocks the "E-Mail Notification" check box

**VIDEOSTAR user account example:**

Here is what a typical user account looks like.

jsmith

OK
Cancel

#### GENERAL

---

Training Group 1  
COMPANY

John Smith  
CONTACT \*

poweruser@mycompany.com  
E-MAIL

123 Cobblestone Cr.  
ADDRESS 1

United States of America  
COUNTRY

NY  
STATE / PROVINCE

New York  
CITY

12345  
ZIP

888-888-8888  
LANDLINE

999-999-9999  
MOBILE

#### ACCOUNT

---

QL Authentication  
TYPE

jsmith  
LOGIN \*

\*\*\*\*\*  
PASSWORD \*

\*\*\*\*\*  
CONFIRM \*

Nov 14, 2023  
ACTIVATION

Nov 14 2024  
EXPIRATION DATE

IP Restriction:

#	
1	
2	
3	
4	
5	

#### ASSIGN PROFILE

---

Default  
TYPE \*

Power user  
ROLE \*

All Alerts  
ALERTS \*

All Events  
EVENTS \*

None  
E-MAIL APPROVAL

E-mail Notification

Note: You must select one profile for each option. Please do not forget to select the E-mail Notification check box to receive automated e-mails when an alert is detected.

In the example above, the **Administrator** role has no restrictions and can create other user accounts and user roles. This profile is the only one with user and profile creation rights.

The **View Only** role has very few rights. It can't access or modify any content or programming.

Select the role that best matches the user's responsibilities and note you can change role assignments. When you assign a new role to a user who is currently logged in, they will acquire their new rights the next time they log in.