

Live Streaming for Streaming Media Platform

The Platform enables users to easily create unlimited live publishing points, all within the Live Stream Management System environment. The live stream management system can be found by navigating to the “Live Stream” menu item. This guide provides an overview of the processes for:

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Creating a Live Stream

To create a live stream publishing point, click on the “Create Live Stream” button. Under the first step, Metadata, you must first enter a name for your live stream and optionally fill in the rest of the fields. Next, under the Stream Configuration step, you may adjust the bitrate and resolution you plan on using when publishing your live stream. Finally, you will be given the RTMP URL and Stream name/key to use in your encoder. (Figure 1)

The screenshot shows the 'Create Live Stream' dialog box with the 'Encoder Settings' tab selected. The 'Broadcasting Settings' section includes an 'RTMP URL' field with the value 'rtmp://vip.smhcdn.com/10012-live', a 'Stream' field with '0_aptc4mai?key=12345', and an 'Output Size' of '426 x 240, Bitrate: 300Kbps'. Below this is a 'Config File (XML)' section with a note that the file is only compatible with 'Flash Media Live Encoder' and a 'Download FMLE Config File' button. There are also links for 'Playback URLs' and a 'Player'. The 'Encoder Support' section lists 'Flash Media Encoder' and 'Wirecast' with 'Download' buttons for each. A 'FINISH' button is at the bottom right.

Figure 1

Metadata

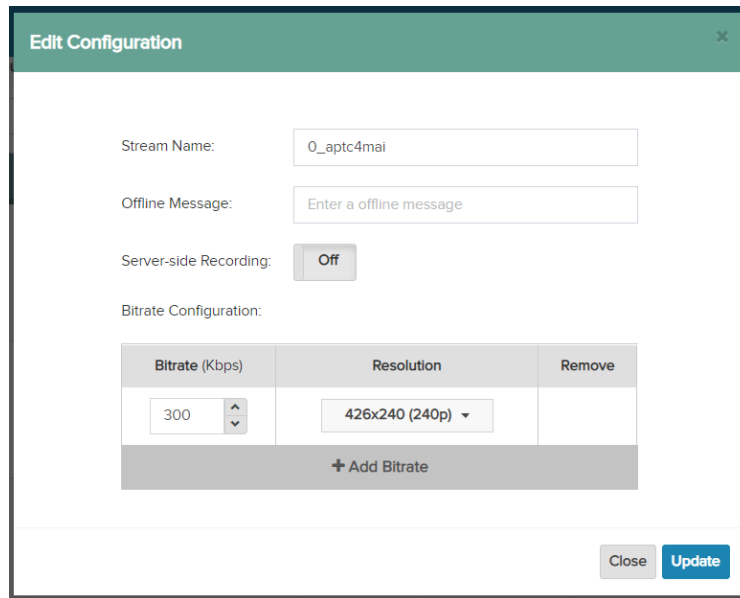
To view or edit a live stream entry’s metadata, click on the edit drop down menu next to the entry and click on “Metadata”. Click on “Update” to submit your changes. (Figure 2)

The screenshot shows the 'Edit Metadata' dialog box. It contains five input fields: 'Name' (with a red asterisk) containing 'Live Stream Test', 'Description' containing 'Enter a description', 'Tags' containing 'Enter tags separated by commas', 'Reference ID' containing 'Enter a reference ID', and 'Categories' (with a link icon) containing 'Enter categories separated by commas'. At the bottom right are 'Close' and 'Update' buttons.

Figure 2

Live Stream Configuration

To update your live stream's configuration, click on the Edit drop down menu next to the live stream entry and click on the "Stream Configuration" option. You may then adjust your bitrate/resolution settings or add/remove bitrates to your stream. (Figure 3)



The 'Edit Configuration' dialog box has a green header with a close button. It contains the following fields and controls:

- Stream Name:** A text input field containing '0_aptc4mai'.
- Offline Message:** A text input field containing 'Enter a offline message'.
- Server-side Recording:** A toggle switch set to 'Off'.
- Bitrate Configuration:** A table with three columns: 'Bitrate (Kbps)', 'Resolution', and 'Remove'.

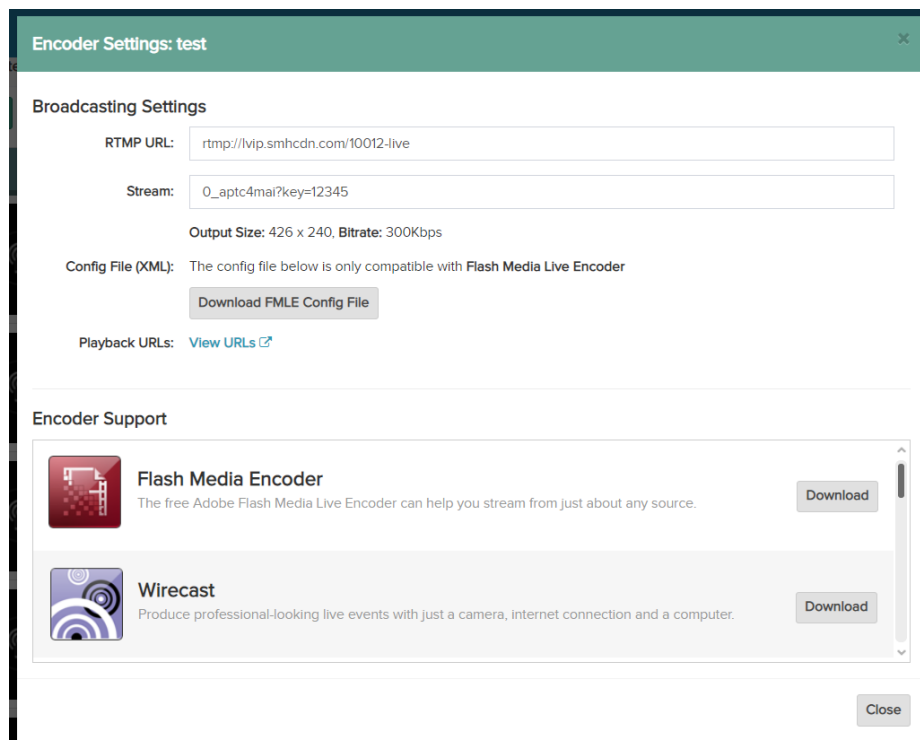
Bitrate (Kbps)	Resolution	Remove
300	426x240 (240p)	
+ Add Bitrate		

At the bottom right are 'Close' and 'Update' buttons.

Figure 3

Encoder Settings / Playback URL

To view your live stream's encoder settings, click on the "View Settings" link next to the live stream entry under the "Encoder Settings" column. (Figure 4)



The 'Encoder Settings: test' dialog box has a green header with a close button. It contains the following sections and controls:

- Broadcasting Settings:**
 - RTMP URL:** A text input field containing 'rtmp://vip.smhcdn.com/10012-live'.
 - Stream:** A text input field containing '0_aptc4mai?key=12345'.
 - Output Size:** 426 x 240, **Bitrate:** 300Kbps
 - Config File (XML):** The config file below is only compatible with Flash Media Live Encoder. Below this is a 'Download FMLE Config File' button.
 - Playback URLs:** A link labeled 'View URLs' with an external link icon.
- Encoder Support:** A scrollable list of encoder options:
 - Flash Media Encoder:** The free Adobe Flash Media Live Encoder can help you stream from just about any source. Includes a 'Download' button.
 - Wirecast:** Produce professional-looking live events with just a camera, internet connection and a computer. Includes a 'Download' button.

A 'Close' button is located at the bottom right.

Figure 4

To view the live stream’s playback URL, click on the “View Settings” link next to the live stream entry under the “Encoder Settings” column. Then, click on the “View URLs” link next to the “Playback URLs” section. (Figure 5)

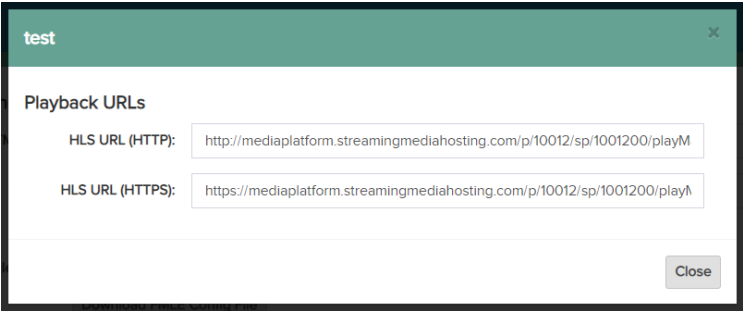


Figure 5

Thumbnail

To upload and assign your own thumbnail image to a live stream entry, click on the Edit drop down menu next to the entry and click on the “Thumbnail” option. Click on the “Add Thumbnail” drop down menu and select “Upload”. Once you have uploaded your image, click on the “Select Action” drop down menu next to the image and then select “Set as Default”. (Figure 6)

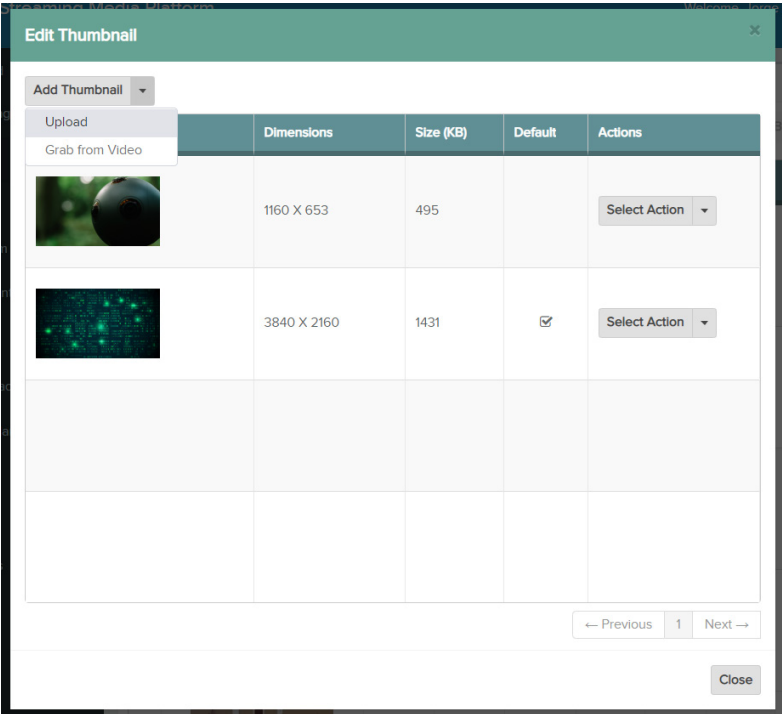


Figure 6

Preview & Embed

You can grab the player embed code directly from the Media Platform. On the “Live Stream” page, click on the “Edit” drop down menu next to the live stream entry, then click on “Preview & Embed”. You can adjust a few options for your player such as selecting the default/custom players, embed type, and player dimensions. For extra security, click on the check box next to “Support for HTTPS Embed Code”. Your web server must be configured for SSL in order to support https connections.

The player embed code is located under the “Embed Code” section. Copy and paste this code into your website where you would like the player to appear. (Figure 7)

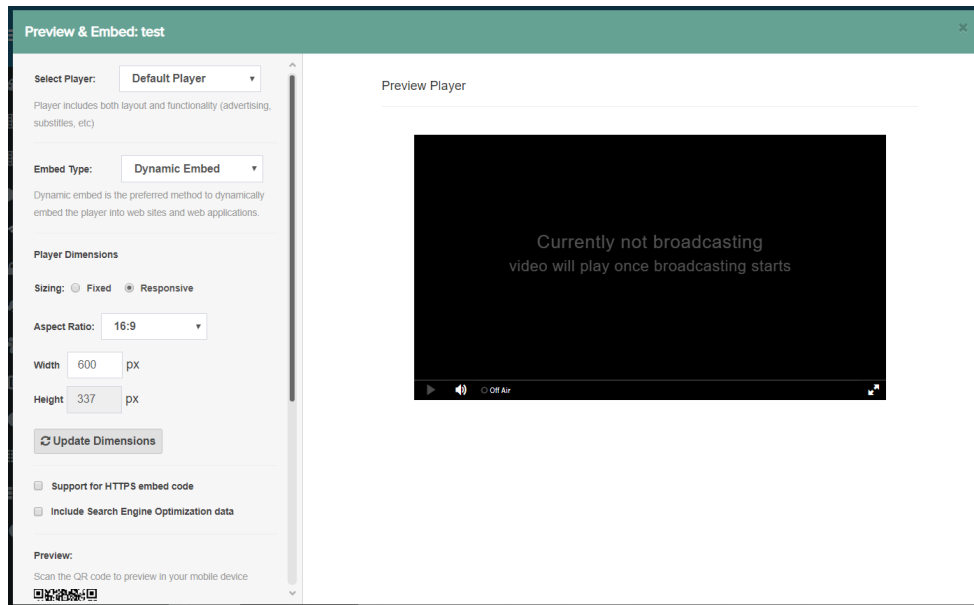


Figure 7

Deleting an Entry

To delete a live stream entry, click on the Edit drop down menu next to the entry and click on “Delete”. (Figure 8)

Live Streams - Create unlimited live publishing points.								
Create Live Stream		Search: <input type="text"/>	Filters ▼	Show 10 entries	Export to Excel		Bulk Actions ▼	
	Thumbnail	Name	ID	Encoder Settings	Created On	Social Media	Statistics	Actions
<input type="checkbox"/>		test	0_aptc4mai	View Settings	12/23/2019 10:41 PM	View Platforms	0 0	<div>Edit ▼<div>MetadataStream ConfigurationAccess ControlThumbnailPlayer StatisticsPreview & EmbedDelete</div></div>
<input type="checkbox"/>		test5	0_07e839b	View Settings	12/20/2019 02:59 P	View Platforms	0 0	<div>Edit ▼<div>MetadataStream ConfigurationAccess ControlThumbnailPlayer StatisticsPreview & EmbedDelete</div></div>
<input type="checkbox"/>		Test	0_ix196y5k	View Settings	11/14/2019 12:14 PM	View Platforms	0 0	<div>Edit ▼<div>MetadataStream ConfigurationAccess ControlThumbnailPlayer StatisticsPreview & EmbedDelete</div></div>
<input type="checkbox"/>		test2	0_4e96zb5	View Settings	11/08/2018 04:40 PM	View Platforms	68 142	<div>Edit ▼<div>MetadataStream ConfigurationAccess ControlThumbnailPlayer StatisticsPreview & EmbedDelete</div></div>

Figure 8