

SGrecast

StreamGuys Recast User Guide

SGrecast v1.4.0

Last Modified: 11/11/2016



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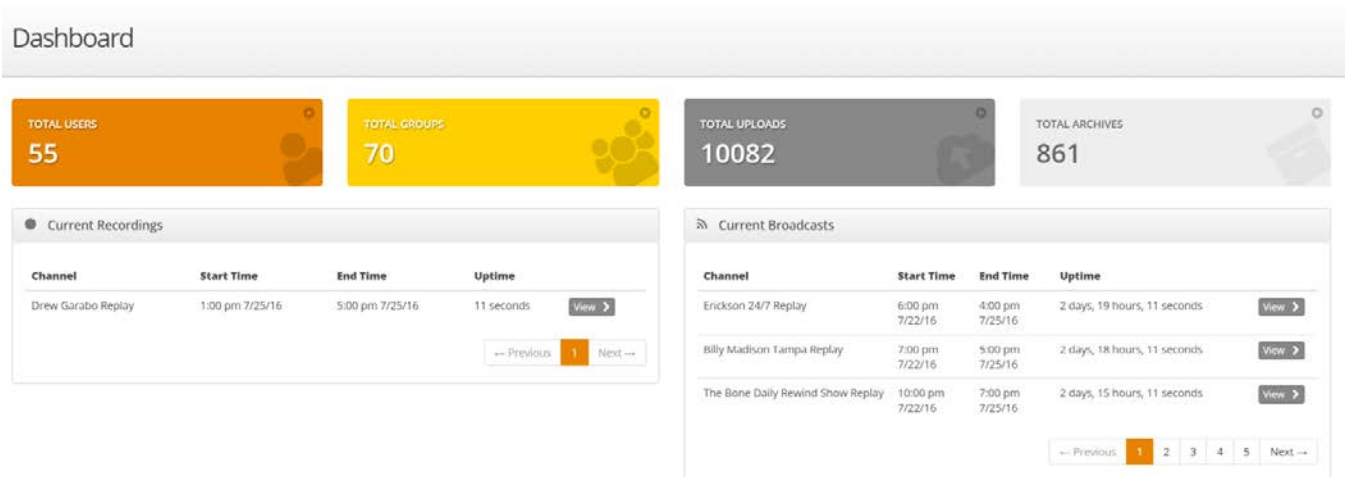
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1. Dashboard



This is the main landing page for the SGrecast system. Here you can gain a brief overview of current statistics and scheduled channels for your system.

1.1. Current Recordings/Broadcasts

Directly under the statistics you will find all current recordings and broadcasts running on your SGrecast system. Each currently running record and broadcast will be displayed in these sections with their scheduled start and end time as well as their current uptime. To view more specific details about a currently running record/broadcast, you can select the grey “View” icon to the right of each channel.



1.2. Calendar

Calendar

< > Key

July 2016

month week day

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	1	2
Scallence Master	The Mike Calta Show Re	The Mike Calta Show Re	The Mike Calta Show Re	The Mike Calta Show Re	The Mike Calta Show Re	+13 more
SDU Replay	The Mike Calta Show Sy	The Mike Calta Show Sy	The Mike Calta Show Sy	The Mike Calta Show Sy	The Mike Calta Show Sy	+13 more
Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	+13 more
Rickey Smiley Replay	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	+13 more
+11 more	+48 more	+48 more	+49 more	+50 more	+49 more	
3	4	5	6	7	8	9
Scallence Master	The Mike Calta Show Re	The Mike Calta Show Re	The Mike Calta Show Re	The Mike Calta Show Re	The Mike Calta Show Re	+13 more
SDU Replay	The Mike Calta Show Sy	The Mike Calta Show Sy	The Mike Calta Show Sy	The Mike Calta Show Sy	The Mike Calta Show Sy	+13 more
Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	+13 more
Rickey Smiley Replay	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	+13 more
+10 more	+47 more	+48 more	+49 more	+50 more	+50 more	
10	11	12	13	14	15	16
Scallence Master	The Mike Calta Show Re	The Mike Calta Show Re	The Mike Calta Show Re	The Mike Calta Show Re	The Mike Calta Show Re	+13 more
SDU Replay	The Mike Calta Show Sy	The Mike Calta Show Sy	The Mike Calta Show Sy	The Mike Calta Show Sy	The Mike Calta Show Sy	+13 more
Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	+13 more
Rickey Smiley Replay	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	+13 more
+11 more	+47 more	+48 more	+49 more	+50 more	+50 more	
17	18	19	20	21	22	23
Scallence Master	The Mike Calta Show Re	The Mike Calta Show Re	The Mike Calta Show Re	The Mike Calta Show Re	The Mike Calta Show Re	+13 more
SDU Replay	The Mike Calta Show Sy	The Mike Calta Show Sy	The Mike Calta Show Sy	The Mike Calta Show Sy	The Mike Calta Show Sy	+13 more
Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	+13 more
Rickey Smiley Replay	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	+13 more
+11 more	+48 more	+49 more	+50 more	+50 more	+50 more	
24	25	26	27	28	29	30
Scallence Master	The Mike Calta Show Re	The Mike Calta Show Re	The Mike Calta Show Re	The Mike Calta Show Re	The Mike Calta Show Re	+13 more
SDU Replay	The Mike Calta Show Sy	The Mike Calta Show Sy	The Mike Calta Show Sy	The Mike Calta Show Sy	The Mike Calta Show Sy	+13 more
Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	+13 more
Rickey Smiley Replay	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	+13 more
+11 more	+47 more	+48 more	+49 more	+50 more	+50 more	
31	1	2	3	4	5	6
Scallence Master	The Mike Calta Show Re	The Mike Calta Show Re	The Mike Calta Show Re	The Mike Calta Show Re	The Mike Calta Show Re	+13 more
SDU Replay	The Mike Calta Show Sy	The Mike Calta Show Sy	The Mike Calta Show Sy	The Mike Calta Show Sy	The Mike Calta Show Sy	+13 more
Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	+13 more
Rickey Smiley Replay	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	Billy Madison San Antonio	+13 more
+11 more	+47 more	+48 more	+49 more	+50 more	+49 more	

Upcoming Today

Channel	Start Time	End Time
Erickson 24/7 Syndication	4:00 pm 7/25/16	6:00 pm 7/25/16
Erickson 24/7 Replay	6:00 pm 7/25/16	4:00 pm 7/26/16
Erickson 24/7 Replay	4:00 pm 7/25/16	6:00 pm 7/25/16
Billy Madison Tampa Replay	7:00 pm 7/25/16	5:00 pm 7/25/16
Billy Madison Tampa Replay	5:00 pm 7/25/16	7:00 pm 7/25/16
Billy Madison Tampa Syndication	5:00 pm 7/25/16	7:00 pm 7/25/16
The Bone Daily Rewind Show Syndication	7:00 pm 7/25/16	10:00 pm 7/25/16
The Bone Daily Rewind Show Replay	10:00 pm 7/25/16	7:00 pm 7/26/16
The Bone Daily Rewind Show Replay	7:00 pm 7/25/16	10:00 pm 7/25/16
News 96.5 Clark Howard Syndication	1:06 pm 7/25/16	3:00 pm 7/25/16

Previous

1

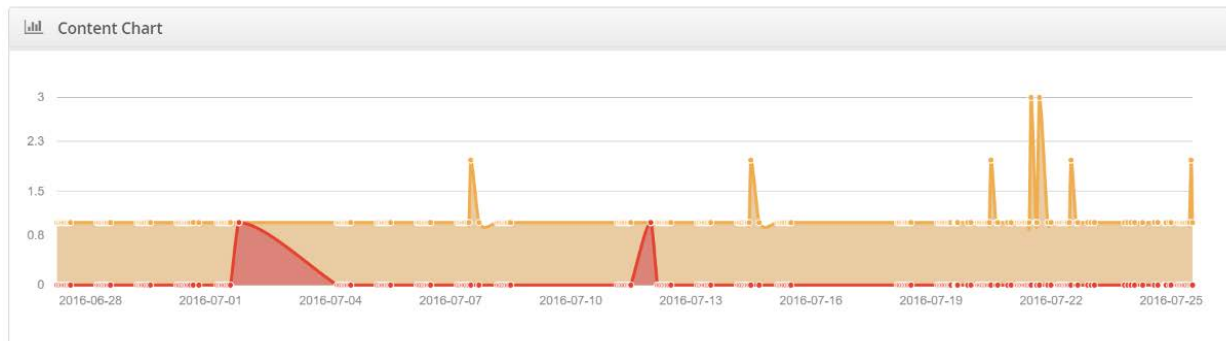
Next

Beneath the current recordings/broadcasts you will find the calendar and upcoming channels for the current day. The calendar displays all scheduled recordings and broadcasts on your SGrecast system. Recordings are displayed in red and broadcasts are shown in grey. This calendar gives users a visualization of their scheduled segments. Click on an event to view more details about its scheduled time and description.

The 'Upcoming Today' section displays all recordings and broadcasts scheduled for the current date to give the user an overview of what sidechannels are coming up.



1.3 Content Chart



Under the calendar you will find the content chart, which displays the number of uploads and archives over the past few weeks. Uploads are displayed in red and archives are displayed in orange. This chart is meant to give users a visualization of how many recordings are being archived compared to how many files are being uploaded on their SGrecast system.

2. Users

The User Management interface shows a list of users with columns for USERNAME, EMAIL, TYPE, LAST UPDATED, and ACTIONS. The interface includes a sidebar with navigation links and a search bar.

USERNAME	EMAIL	TYPE	LAST UPDATED	ACTIONS
admin	admin@example.org	Admin	2016-07-15 10:53:03	View Edit Delete
ahicks	Andy.Hicks@coxinc.com	User	2016-04-26 14:35:08	View Edit Delete
aj023	AJ@K923Orlando.com	User	2016-07-21 06:40:14	View Edit Delete
andy	ajones@streamguys.com	Admin	2016-04-14 13:39:56	View Edit Delete
ashley023	Ashley@K923Orlando.com	User	2016-07-21 06:39:26	View Edit Delete
athens	heather.taylor@coxinc.com	User	2016-04-13 10:27:53	View Edit Delete
atlanta	zac.morgan@coxinc.com	Admin	2016-03-14 15:37:36	View Edit Delete
lv985producer	feedback985@coxinc.com	User	2016-04-15 13:11:01	View Edit Delete
batman	batman@example.org	User	2015-05-05 11:36:22	View Edit Delete
lvillarreal	bertha.villarreal@coxinc.com	User	2016-04-15 12:48:15	View Edit Delete

Showing 1 to 10 of 55 entries



Users include all accounts that have been created on your SGrecast system. There are two types of users: admin and user. Admin level accounts have access to more functionalities of the system than users; such as managing users, groups, servers, and formats. User level accounts have access to the core functionalities of the system; such as setting up sidechannels, creating podcasts, and uploading content. The main difference between admin and user level accounts is that admins have access to all content on the SGrecast system, whereas users only have access to content that is within their group(s).

Note: Only admin level users have access to the users tab on your SGrecast system.

2.1 Adding a User

To add a new user to your SGrecast system:

1. Select **Users** from the menu on the left. This page will display a table of all current users with access to your system.

In the fifth column from the left, you will see 'Actions' where you can view, edit, or delete a particular user. 'View' will give you more specific details about a particular user such as their associated group(s) and content. 'Edit' will allow you to edit the details of a user such as their username, password and associated group(s). 'Delete' will delete a user from the SGrecast system.

Note: Deleting a user will not delete their associated group(s) or content, it will only delete the user.

2. Click **Add User** in the right hand corner of the table.



- On this page you will enter in the account information for your new user. The username and password fields are the credentials for your new user to access your SGrecast system. Here you will also specify what type of user this is, either admin or user. To read about the difference between admin and user level accounts, refer to the 'Users' section on the previous page.

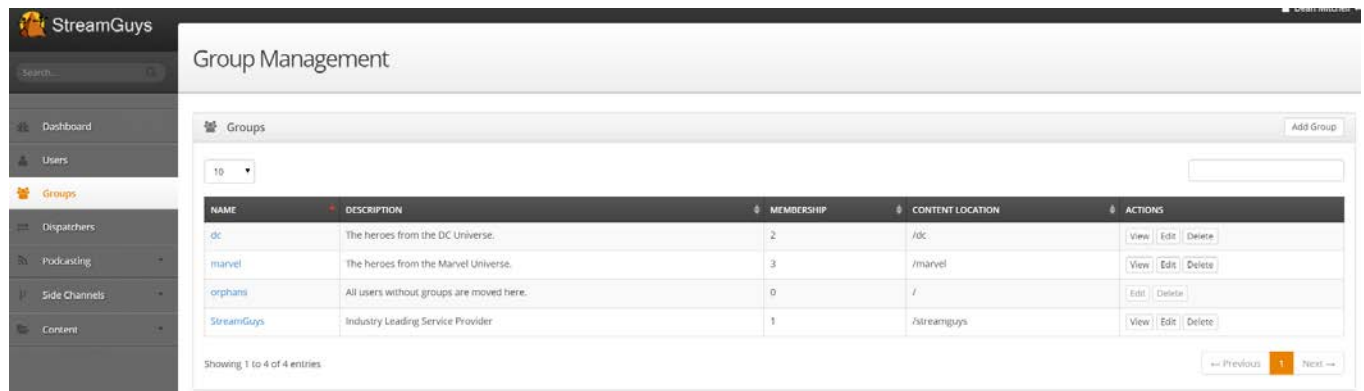
Every user on the SGrecast system may belong to one or more groups. Groups exist to associate content with specific users.

- ★ For example, if a user belongs to the 'StreamGuys' group, that user will have access to all content (i.e. sidechannels, archives, uploads, etc.) that is associated with the group 'StreamGuys'.



Users do not have access to content that is outside of their group(s). If you would like your user to have limited access to the content on your SGrecast system, you can assign them the type 'User' and select their associated group(s).

3. Groups



NAME	DESCRIPTION	MEMBERSHIP	CONTENT LOCATION	ACTIONS
dc	The heroes from the DC Universe.	2	/dc	View Edit Delete
marvel	The heroes from the Marvel Universe.	3	/marvel	View Edit Delete
orphans	All users without groups are moved here.	0	/	Edit Delete
StreamGuys	Industry Leading Service Provider	1	/streamguys	View Edit Delete

As noted before, groups exist to associate your SGrecast content with specific users. If you want to have content only accessible to certain users, you can assign that content to the particular group associated with those users. Groups are especially useful if you have multiple markets accessing your system that you want to keep separate from one another.

Note: Only admin level users have access to the groups tab on your SGrecast system.

3.1 Adding a Group

To add a new group to your SGrecast system:

1. Select **Groups** from the menu on the left. This page will display a table of all current groups on your system.



- In the fifth column from the left, you will see 'Actions' where you can view, edit, or delete a particular group. 'View' will give you more specific details about a particular group such as its associated users and content. 'Edit' will allow you to edit the details of a group such as its name and associated users. 'Delete' will delete a group from the SGrecast system.

Note: Deleting a group will not delete its associated users or content, it will only delete the group.

- Click **Add Group** in the right hand corner of the table.

Dashboard
Users
Groups
Dispatchers
Podcasting
Side Channels
Content

Group Description

Group Name

Description

Content Location

Users (optional)

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<input type="checkbox"/>	AVAILABLE USERS	EMAIL	FIRST NAME	LAST NAME
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	batman	batman@example.org	Bruce	Wayne
<input type="checkbox"/>	hulk	hulk@example.org	Bruce	Banner
<input type="checkbox"/>	spiderman	spiderman@example.org	Peter	Parker
<input type="checkbox"/>	superman	superman@example.org	Clark	Kent

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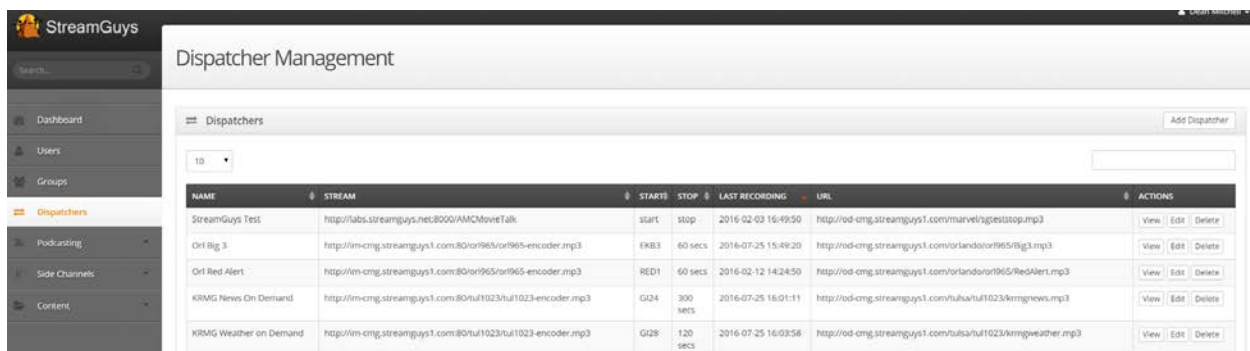


4. On this page you will enter in the information for your new group. The group will be referenced and displayed by its name and description throughout the system. Here you will also specify the content location of the group which is where the group's content will be saved.
- ★ For example, if you are creating a group named 'Marvel', you can enter its content location as '/marvel'. This will store all content created and uploaded with the 'Marvel' group in a new directory called 'marvel' on your SGrecast file system.
 - ★ If you wish to have subdirectories within your group, you can define them here as well. Entering a content location such as '/marvel/heroes' will create a subdirectory within marvel called 'heroes' on your SGrecast file system.

Lastly, you can select which users you would like associated with your new group. This is optional and can be edited later at any given time.

4. Dispatchers

Dispatchers are recordings set to listen to a live stream encoder. They are most useful for recordings that may not have definite start and end times, since dispatchers can start and end when the encoder sends specific metadata values.



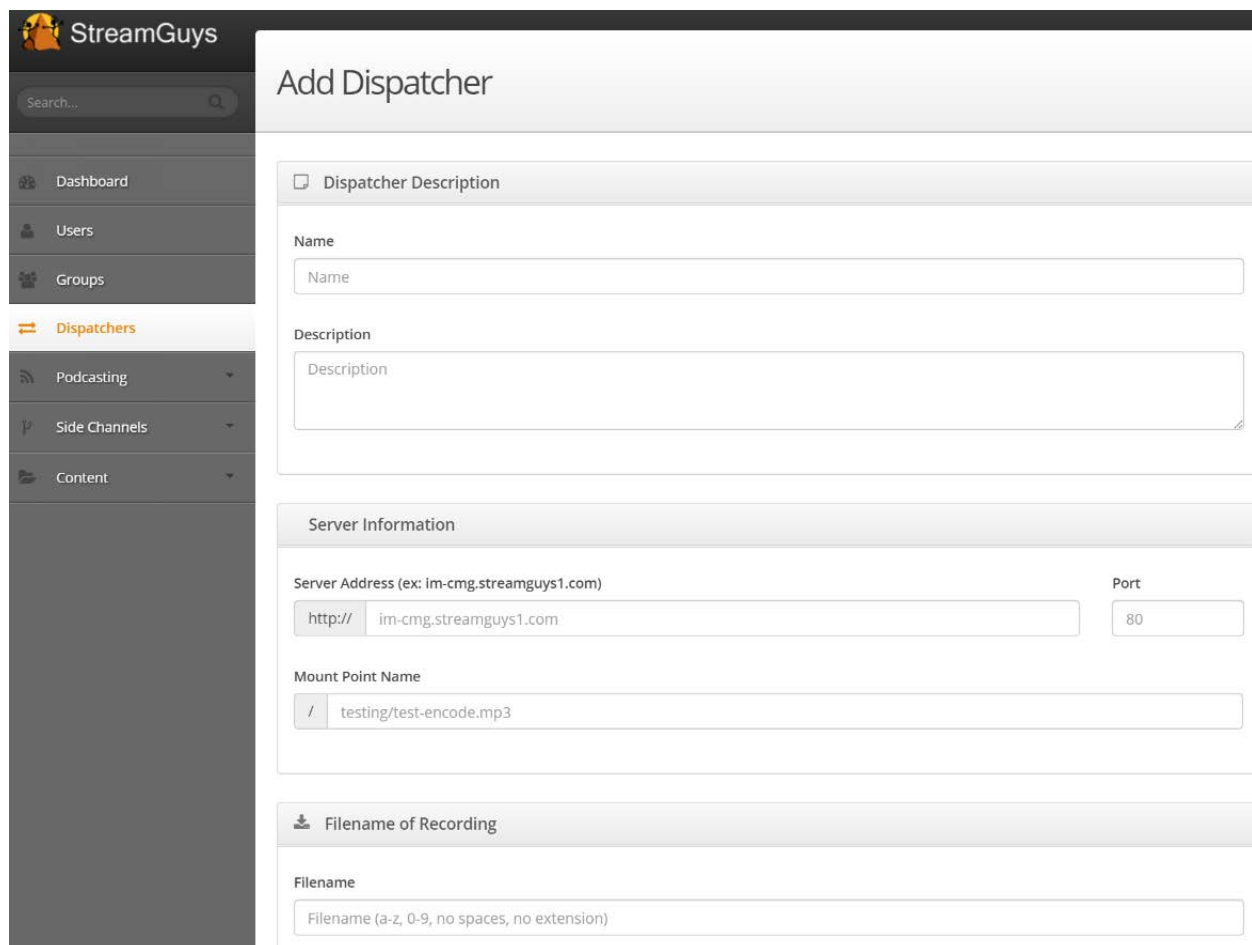
NAME	STREAM	STARTS	STOP	LAST RECORDING	URL	ACTIONS
StreamGuys Test	http://labs.streamguys.net:8000/AMCMovieTalk	start	stop	2016-02-03 16:49:50	http://od-cmg.streamguys1.com/marvel/gteststop.mp3	View Edit Delete
Orl Big 3	http://lm-cmg.streamguys1.com/80/orl965/orl965-encoder.mp3	FRB3	60 secs	2016-07-25 15:49:20	http://od-cmg.streamguys1.com/orland/orl965/Big3.mp3	View Edit Delete
Orl Red Alert	http://lm-cmg.streamguys1.com/80/orl965/orl965-encoder.mp3	RED1	60 secs	2016-02-12 14:24:50	http://od-cmg.streamguys1.com/orland/orl965/RedAlert.mp3	View Edit Delete
KRMG News On Demand	http://lm-cmg.streamguys1.com/80/tu1023/tu1023-encoder.mp3	G124	300 secs	2016-07-25 16:01:11	http://od-cmg.streamguys1.com/tulsa/tu1023/krmgnews.mp3	View Edit Delete
KRMG Weather on Demand	http://lm-cmg.streamguys1.com/80/tu1023/tu1023-encoder.mp3	G128	120 secs	2016-07-25 16:03:58	http://od-cmg.streamguys1.com/tulsa/tu1023/krmgweather.mp3	View Edit Delete



4.1 Adding a Dispatcher

To set up a new dispatcher on your SGrecast system:

1. Select **Dispatchers** from the menu on the left. If you are an admin level user, this page will display a table of all dispatchers on your system. If you are a regular user, this page will display a table of all dispatchers associated with your group(s). Click **Add Dispatcher** in the right hand corner of the table.



The screenshot shows the 'Add Dispatcher' page in the StreamGuys interface. On the left is a dark sidebar with a 'StreamGuys' logo and a search bar. Below the search bar are menu items: Dashboard, Users, Groups, Dispatchers (highlighted in orange), Podcasting, Side Channels, and Content. The main content area is titled 'Add Dispatcher' and contains three sections: 'Dispatcher Description' with 'Name' and 'Description' text boxes; 'Server Information' with 'Server Address (ex: lm-cmg.streamguys1.com)' and 'Port' (80) fields, and a 'Mount Point Name' field containing '/ testing/test-encode.mp3'; and 'Filename of Recording' with a 'Filename' field containing 'Filename (a-z, 0-9, no spaces, no extension)'.

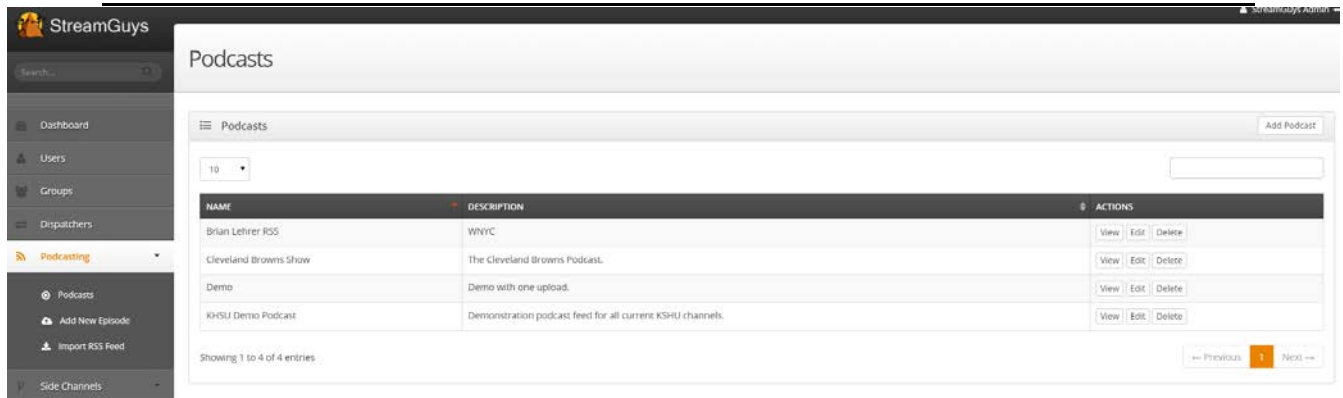


2. Here you will specify the details of your new dispatcher. For the 'Server Information', enter the address, port number, and mount point name your dispatcher will be streaming from.
3. The 'Filename of Recording' is exactly that, the filename of the recording to be saved on your SGrecast file system. Since it is a filename, it must follow standard file format with no spaces or special characters.
4. The 'Record Start Trigger' has two fields: 'Cut ID' and 'Category ID'. The live stream encoder sends metadata values that include a cut ID and category ID. When these values are present, your dispatcher will take action. The 'Record Stop Trigger' has two options: 'Duration' and 'Specific IDs'. If 'Duration' is selected, enter the amount of time the stream should be recorded once the 'Record Start Triggers' are received.
5. If 'Specific IDs' is selected, enter the 'Cut ID' value that will trigger the end of the recording.
6. Lastly, select the group(s) that your dispatcher will be associated with. All users in the group(s) selected will be able to view, edit, and delete your dispatcher.

5. Podcasts

Users can create iTunes compatible podcast feeds through the SGrecast system directly from their recorded or uploaded content. A podcast feed is a URL to an RSS (rich site summary) in XML format. SGrecast allows users to create podcast RSS feeds from their recorded dispatchers, sidechannels, and uploaded files. These podcast feeds can then be submitted to iTunes as well as other third-party services such as Feedburner, Sticher, etc.

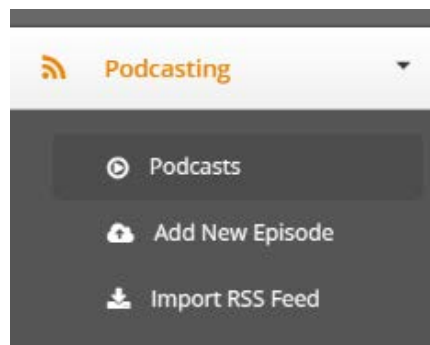




5.1 Adding a Podcast

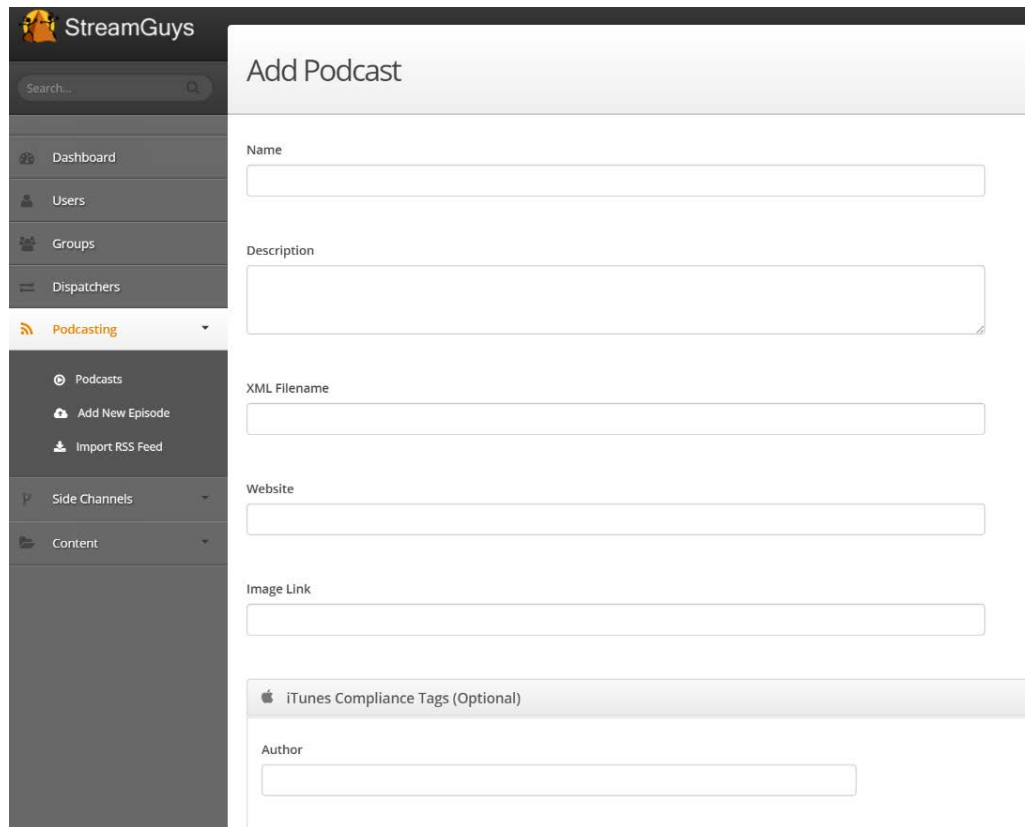
To create a new podcast on your SGrecast system:

1. Select **Podcasting > Podcasts** from the menu on the left.



If you are an admin level user, this page will display a table of all podcasts on your system. If you are a regular user, this page will display a table of all podcasts associated with your group(s). Click 'Add Podcast' in the right hand corner of the table.





StreamGuys

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Groups

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Podcasting

Podcasts

Add New Episode

Import RSS Feed

Side Channels

Content

Add Podcast

Name

Description

XML Filename

Website

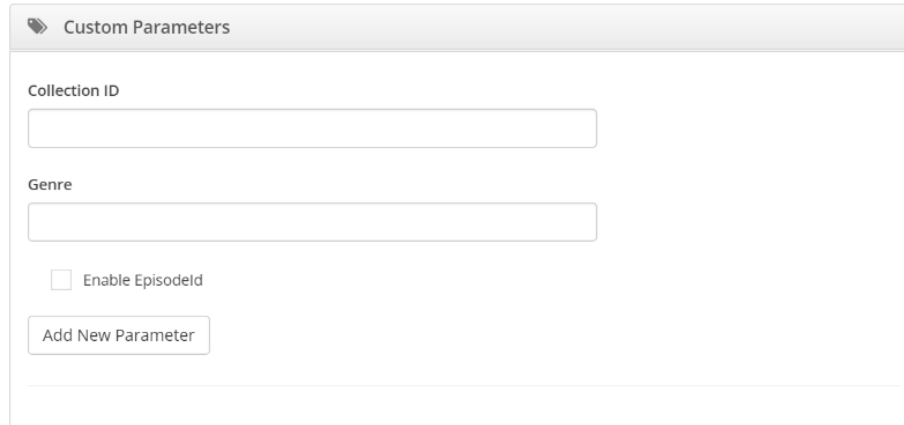
Image Link

iTunes Compliance Tags (Optional)

Author

2. On this page you will enter in the information of your podcast. These fields will be displayed in your RSS feed and interpreted through iTunes if you choose to publish your podcast to the iTunes Store. Therefore the 'Name', 'Description', 'Website', and 'Image Link' should be the title, description, link to the podcast's hosting website, and image for your podcast. The 'XML Filename' is the filename for your podcast feed to be saved on your SGrecast file system.
3. The iTunes Compliance Tags are optional fields for the SGrecast system. However, if you wish to publish your podcast to the iTunes Store these fields are required. The 'Author' is the author of your podcast. The 'Owner' is whoever owns the rights to your podcast. The 'iTunes Category' is the category you would like your podcast to be displayed under in the iTunes Store. Because iTunes operates sites worldwide, it is critical to select the language of your podcast under 'Language'. The 'iTunes Explicit' tag indicates whether

or not your podcast contains explicit material. 'iTunes Directory Block' is used to prevent your podcast from appearing in the iTunes podcast directory.



Podcast Contents

What type of content should be in this Podcast?

- ☐ Uploads
- ☒ Archives
- ☐ SideChannels
- ☐ Dispatchers

4. Custom parameters are for appending specific tags to your podcast episode URLs. These are optional fields and are mostly used with third-party advertisers. 'Enable EpisodeID' appends the unique episode ID for each episode in your podcast to its enclosure URL. To add a new custom parameter other than the 'Collection ID' and 'Genre', select 'Add New Parameter'. Here you will enter the key and value for your custom parameter.
 - ★ For example, if you would like to append a custom parameter such as a subgenre of 'country' you would enter 'subgenre' as the key and 'country' as the value. All of your podcast episode URLs will now have subgenre=country as an appended parameter.
5. Next, select the type of content you would like to put into your podcast. Uploads are any audio files uploaded to your SGrecast system, archives are any audio files recorded to your system, sidechannels are scheduled recordings to your system, and dispatchers are recordings to your system through a live stream encoder.



- Under 'Group Information' select the group(s) you would like your podcast assigned to. This is important because the group(s) you select here will affect the content you will choose from on the following page. You will only be able to choose from content that is associated with the group(s) you select.

StreamGuys

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Podcasts

Add New Episode

Import RSS Feed

Side Channels

Content

Add Podcasts Source

Archives

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NAME	DESCRIPTION	FILE EXTENSION	CREATION DATE
name	description	file extension	creation date
<input type="checkbox"/> Movie Talk Daily Replay	Talking about and debating the top movies and celebrity news of the week.	mp3	2016-07-25 12:50:02
<input type="checkbox"/> Evening Show Recording	15 Minutes	mp3	2016-02-09 17:55:01
<input type="checkbox"/> Evening Show Recording	15 Minutes	aac	2016-02-09 17:55:01
<input type="checkbox"/> Evening Show Recording	15 Minutes	mp3	2016-02-09 17:30:02
<input type="checkbox"/> Evening Show Recording	15 Minutes	aac	2016-02-09 17:30:02
<input type="checkbox"/> Evening Show Recording	15 Minutes	mp3	2016-02-09 13:41:01
<input type="checkbox"/> practice	practice	mp3	2016-01-26 12:44:01

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Cancel

Previous Next

- On the following page, you will select the specific content for your podcast. If you chose 'Archives' as the content type on the previous page, you will see a list of archives on this page to select from. The content you select here will be added to your podcast in the form of episodes. If you selected sidechannels or dispatchers as your content type, the recorded archives from those sources will be your podcast episodes. When you have selected all of your desired podcast content, you may click **Next** to finish.

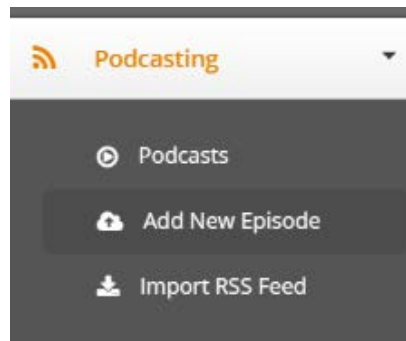


5.2 Adding an Episode to a Podcast

This feature is a useful shortcut for users who have content outside of the SGrecast that they would like to add to a podcast without going through the process of editing their podcast to add each new episode.

To upload a new episode to a podcast:

1. Select **Podcasting > Add New Episode** from the menu on the left.



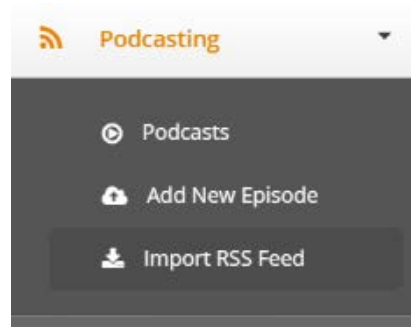
2. Here you will enter in the 'Name' and 'Description' of your episode and select the file you wish to upload. This file will be uploaded to your SGrecast system as a new upload as well as an episode to the podcast(s) of your choosing.



5.3 Importing a Podcast Feed

To import an external podcast feed you may have created through a different system:

1. Select **Podcasting > Import RSS Feed** from the menu on the left.



On this page, you will see the field 'RSS Feed URL' for the link to your external podcast feed.

 A screenshot of the 'Import RSS Feed' page in the StreamGuys interface. The page has a dark sidebar on the left with the StreamGuys logo and a search bar. The main content area is titled 'Import RSS Feed'. It contains a section for 'RSS Feed URL' with a text input field. Below this is a 'Group Information' section with a dropdown menu set to '10' and a search bar. A table lists available groups with columns for 'AVAILABLE GROUPS' and 'DESCRIPTION'.

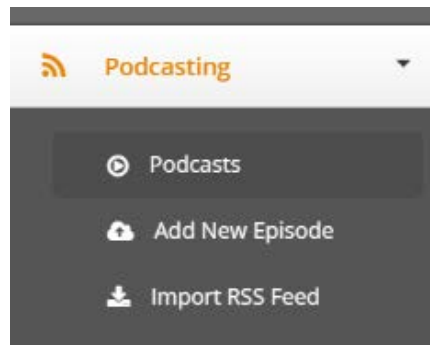
AVAILABLE GROUPS	DESCRIPTION
available groups	description
<input type="checkbox"/> allclassical	All Classical demo account.
<input type="checkbox"/> Brian Lehrer	WNYC
<input type="checkbox"/> Cleveland Browns	Group for the Cleveland Browns radio show.
<input type="checkbox"/> dc	The heroes from the DC Universe.
<input type="checkbox"/> demo	This is a demo group for the demo user.

2. The podcast that you import will create a new podcast with all of its episodes added as new uploads on your SGrecast system. This tool makes migrating to SGrecast from an external podcasting service quick and simple. Select the group(s) you would like your new podcast to be associated with and click **Submit** to import your podcast.

5.4 Submitting a Podcast to iTunes

Before submitting your podcast to iTunes, you need to find your podcast feed URL. You can view this by:

1. Selecting **Podcasting > Podcasts** from the menu on the left.



If you are an admin level user, this page will display a table of all podcasts on your system. If you are a regular user, this page will display a table of all podcasts associated with your group(s). In the third column from the left labeled 'Actions' you will see options to 'View', 'Edit', and 'Delete'. Click the 'View' icon for the podcast you want to submit to iTunes.

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Add New Episode

Import RSS Feed

Side Channels

Podcast: Test Video Podcast

Information

Description:	Testing video podcasting functionality.
Website:	www.streamguys.com
Image:	http://www.orangeblossombeekeepers.org/bee1.jpg
Podcast URL:	http://rss-cmg.streamguys1.com/marvel/testvideopodcast.xml
Language:	English
iTunes Category:	Technology
iTunes Explicit:	No
iTunes Block:	No

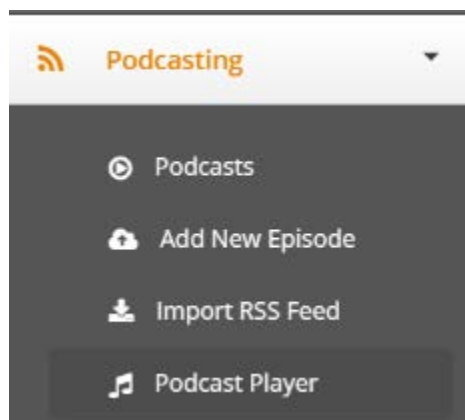
- On this page you will see detailed information about your podcast; including all uploads, archives, channels, and dispatchers that it contains. The podcast feed URL you will need to submit to iTunes is under the 'Information' section labeled 'Podcast URL'.
 - Next, go to iTunes Connect at the following link:
<https://itunesconnect.apple.com/>
 - Here you will input your Apple ID that is activated in iTunes; this is required in order to submit a podcast to iTunes. Once you have logged in, you will see an option to **Submit a podcast**. Click this icon and you will be prompted for an RSS Feed URL. Copy and paste the 'Podcast URL' from your SGrecast system into this field. If the feed passes through validation, you will have the option to submit to iTunes. The time it takes for a podcast to be submitted varies, but usually no more than 72 hours. Once your podcast has been successfully submitted, you can see it in the iTunes Store.
- ★ If your podcast does not pass validation through iTunes for missing specific fields, you can edit those fields through your SGrecast system by selecting **Podcasting > Podcasts** and clicking 'Edit' under 'Actions' for that podcast.



5.5 Creating a Podcast Player

You can create a playlist of your podcast content to embed on your website with the Podcast Player.

1. Selecting **Podcasting > Podcast Player** from the menu on the left.



If you are an admin level user, this page will display a table of all podcasts on your system. If you are a regular user, this page will display a table of all podcasts associated with your group(s).

Create Podcast Player

Select Podcast

NAME	DESCRIPTION	CREATED AT	GROUP
User Test	User Test Podcast	2016-09-15 18:18:23	tunein
Tunein Demo Podcast	A pocast for the Tunein demo.	2016-09-15 14:36:45	tunein
Test Podcast	test	2016-09-15 14:55:16	marvel
StreamGuys Demo Podcast	Demonstration podcast feed.	2016-07-06 14:43:35	wnwz
Brian Lehrer RSS	WNYC	2016-06-03 11:42:14	WNYC FM
Cleveland Browns Show	The Cleveland Browns Podcast.	2016-02-01 11:57:23	

Showing 1 to 6 of 6 entries

Options

Number of Episodes: All

- On this page, select the podcast you would like to create a playlist with. If your podcast belongs to multiple groups, select the particular group you want the podcast to pull content from in the fourth column from the left labeled 'Group'.
- Next, you have the options to set the number of episodes in the playlist, the color of each section header, whether or not to enable episode descriptions and expand the latest date by default. The Podcast Player will automatically add new episodes when they are recorded.

Options

Number of Episodes: All

Section Header Color: [Color Picker]

☒ Show Episode Descriptions

☒ Expand Latest Day

- To preview your playlist with the current settings, click the **Preview** button at the bottom of the page. This will open a new window with a preview of your current podcast player.





As you will see, the playlist organizes content by its creation date. Each episode has a playable icon to its left. If the playlist needs changes, you can alter the necessary settings and click 'Preview' again to see the updated result in a new window.

- Once you have the desired settings for your podcast player, click **Submit**. On the following page, you have the option to either embed the script for the player or embed the player as an iFrame.
- To embed the script, copy the code displayed below. Paste the first block of code into the header of your HTML file and paste the second block of code into the body tags.



7. To embed the player as an iFrame, copy the following script onto your page where you would like the player to display. You can specify your desired height and width of the player in the iFrame tags.



6. Sidechannels

Sidechannels are the features that allow users to record and broadcast content on predefined schedules. There are five types of sidechannels users can create through the SGrecast system.

Recording a live stream is the most commonly used sidechannel in the SGrecast system. Recording a live stream creates an archive of the recorded audio file on your SGrecast system; which you can download, rebroadcast, or redistribute if you wish.

Recording a live stream & retransmitting involves recording a live stream and then broadcasting that recording out to your Icecast servers. Recording & retransmitting is similar to recording a live stream in that it creates an archive on your SGrecast system, but it also allows you to set predefined schedules for your broadcast of that recording.

Streaming live from an uploaded file allows you to broadcast a file you uploaded to your SGrecast system to your Icecast servers.

Streaming live from an archived file is similar to streaming from an uploaded file. This sidechannel gives you the ability to broadcast a file that was previously recorded to your SGrecast system.



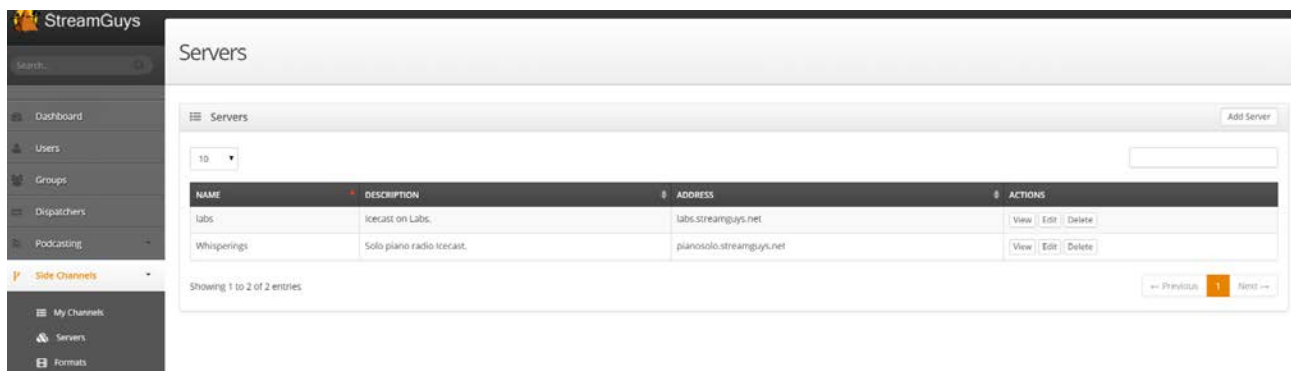
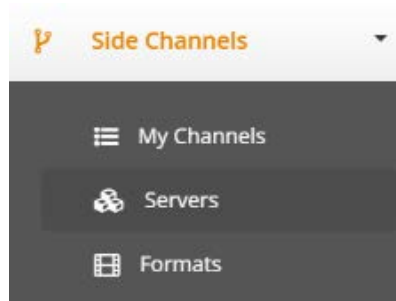
Syndicating a live stream to another mount involves live syndication, which is when you want to encode a live stream into a new bitrate or format. Before creating sidechannels on your SGrecast system, you will need to create the servers you will be recording from and/or broadcasting to as well as the formats you will be using.



6.1 Adding a Server

To add a new server to your SGrecast system:

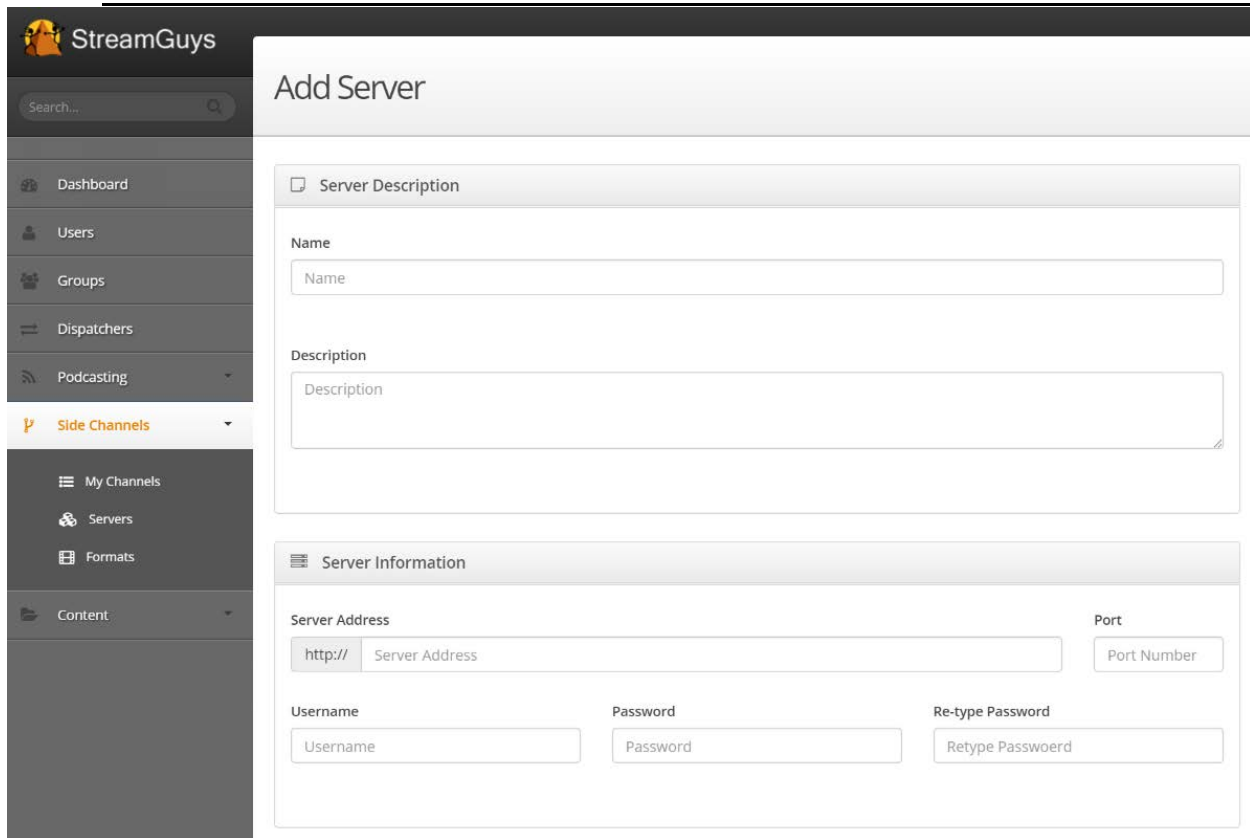
1. Select **Side Channels > Servers** from the menu on the left.



Note: Only admin level users have access to the servers on your SGrecast system.

If you are an admin level user, this page will display a table of all servers on your system. Click 'Add Server' in the right hand corner of the table.





Add Server

☐ Server Description

Name

Description

Server Information

Server Address Port

Username Password Re-type Password

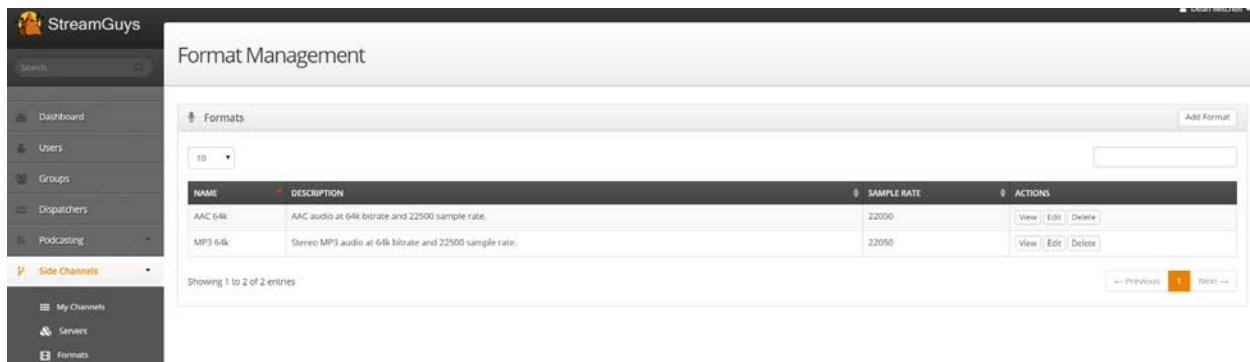
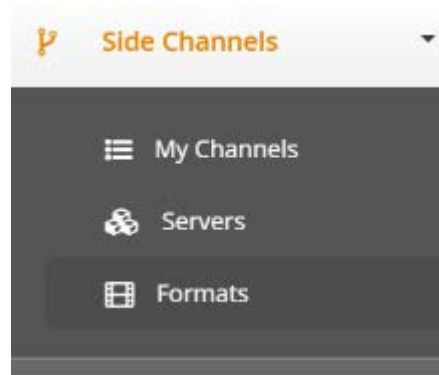
2. Here you will enter the information for your server. The 'Server Information' is for the details specific to your server, including its address, port number, and login credentials (if any). Credentials are only required if the server is intended for broadcasting. Recording servers do not require credentials in order to successfully record. Credentials' username may be restricted to a minimum of 4 characters in length.
- ★ For example, if your server is located at <http://example.streamguys.net:8000> you would enter 'example.streamguys.net' for the 'Server Address' and '8000' for the 'Port'.
3. Lastly, you will select the group(s) your server will belong to. Any user who is associated with the group(s) you select will have access to this server when creating sidechannels.



6.2 Adding a Format

To add a new format to your SGrecast system:

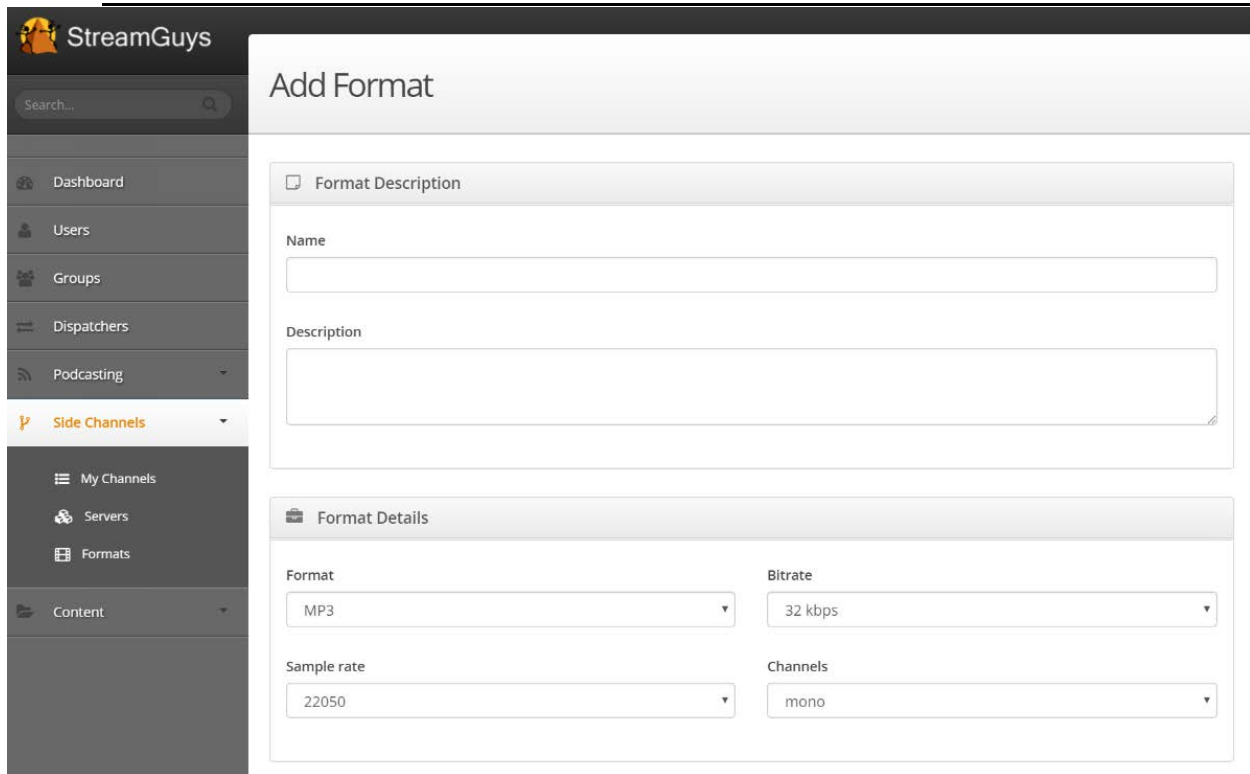
1. Select **Side Channels > Formats** from the menu on the left.



Note: Only admin level users have access to the formats on your SGrecast system.

If you are an admin level user, this page will display a table of all formats on your system. Click 'Add Format' in the right hand corner of the table.





StreamGuys

Search...

- Dashboard
- Users
- Groups
- Dispatchers
- Podcasting
- Side Channels**
 - My Channels
 - Servers
 - Formats
 - Content

Add Format

Format Description

Name

Description

Format Details

Format
MP3

Bitrate
32 kbps

Sample rate
22050

Channels
mono

2. On this page you will enter the details of your format. The SGreecast system currently supports MP3 and AAC formats.

★ AAC (Advanced Audio Coding) and MP3 (MPEG-1 Audio Layer 3) are two of the most common formats used for online audio distribution and are widely compatible with different devices. AAC is typically used to record broadcasts that will later be rebroadcasted because it has higher quality sound. MP3 is typically used to record broadcasts that will later be podcasted because it is more compatible with various devices than AAC. One is not necessarily better than the other, you should select the format that will be the most compatible with your devices and best fit your needs.



3. Next you will select the 'Bitrate' of your format. Typically, the higher the bitrate the higher the audio quality. However, higher bitrate files also take up more space on your system since they are larger than lower bitrate files. 'Sample rate' is the number of samples of audio carried per second, measured in Hz. 'Channels' is the number of channels (signals) used. You can select either mono which uses one or stereo which uses more than one.

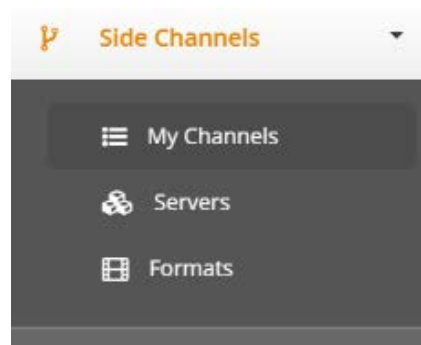
Note: If you are unsure how to specify the details of your format, feel free to consult with us and we can help you determine the best format for your recording and/or broadcasting channels.

4. Lastly, you will select the group(s) your format will belong to. Any user who is associated with the group(s) you select will have access to this format when creating sidechannels.

6.3 Recording a Live Stream

To create a sidechannel for **recording a live stream**:

1. Select **Side Channels > My Channels** from the menu on the left.



My Channels

Channels

10

NAME	DESCRIPTION	SOURCE	ACTIONS
Record & Broadcast	testing	record	View Edit Delete
Single Broadcast	testing user editing	upload	View Edit Delete
Transcode	testing user editing of transcode channel	transcode	View Edit Delete
User Channel	Testing user sidechannel editing functionality.	record	View Edit Delete

Showing 1 to 6 of 6 entries

Previous 1 Next

If you are an admin level user, this page will display a table of all sidechannels on your system. If you are a regular user, this page will display a table of all sidechannels associated with your group(s). Click 'Add Channel' in the right hand corner of the table.

Add Channel

Channel Information

Name


Description

Select Source Type

- ☐ Stream live from Uploaded file
- ☒ Record a Live Stream (w/ option to stream live upon completion)
- ☐ Stream live from Archived file
- ☐ Syndicate a live stream to another mount



2. This is the first page for creating a sidechannel. Here you will enter the name and description of your sidechannel and select its source type. The 'Name' and 'Description' fields will be the same name and description fields for any archives that are created from this sidechannel unless you edit them at a later time.
3. In 'Select Source Type' you will select **Record a Live Stream (w/ option to stream live upon completion)**. Next, you will select the group(s) this sidechannel will belong to. Once you are finished entering the details for this page, click **Next**.


StreamGuys

- Dashboard
- Users
- Groups
- Dispatchers
- Podcasting
- Side Channels**
 - My Channels
 - Servers
 - Formats
- Content

Select Recording Source

Servers

NAME	DESCRIPTION	TYPE
<input type="text" value="name"/>	<input type="text" value="description"/>	<input type="text" value="type"/>
labs	Icecast on Labs.	labs.streamguys.net:8000
Whisperings	Solo piano radio Icecast.	pianosolo.streamguys.net:80

Showing 1 to 2 of 2 entries

← Previous

1

Next →

Mount Point

Mount Point Name (ex: tam971/tam971)

Formats

10

Search...

NAME	DESCRIPTION	FORMAT	BITRATE
<input type="text" value="name"/>	<input type="text" value="description"/>	<input type="text" value="format"/>	<input type="text" value="bitrate"/>
<input type="checkbox"/> AAC 64k	AAC audio at 64k bitrate and 22500 sample rate.	aac	64
<input type="checkbox"/> MP3 64k	Stereo MP3 audio at 64k bitrate and 22500 sample rate.	mp3	64

4. On this next page you will enter the details for your recording source. Select the server which you would like to record a live stream from. The 'Mount Point' is the mount name of your live stream on the selected server.
 - ★ For example, if your live stream is mounted on the server `example.streamguys.net:8000` as 'news', you would select the server with the address 'example.streamguys.net:8000' and enter 'news' as the mount point name.
5. Next, you will select the format(s) to record your live stream in. If you are unsure which format to select for recording, refer to the 'Formats' section of this guide. You may select more than one format. If you choose more than one format, an archive of the recording will be created for each format.
 - ★ For example, if you select both AAC 64k and MP3 64k as formats, two archives will be created for this recording (one in AAC and one in MP3). You can distinguish the two archives by their file extensions which will be .aac for AAC and .mp3 for MP3.

6.4 Creating a Schedule

Once you have selected the format(s) to record your live stream, you will enter in the schedule for your live stream to be recorded. There are two types of schedules: repeat and specific. If your recording happens on a regular weekly basis, you will want to select 'Add Weekly Repeat' in the 'Schedules' section.



Schedules

Add Weekly Repeat

Add Specific Date

Weekly Repeat

Start Day 1

Monday

Start Time (all times PDT)

10:40

End Day

Monday

End Time

10:40

- ★ For example, if you have a live stream that occurs every Tuesday/Thursday from 8:00 AM to 10:00 AM you will select the 'Add Weekly Repeat' icon twice and fill the schedules out for those times.

Schedules

Add Weekly Repeat

Add Specific Date

Weekly Repeat

Start Day 1

Tuesday

Start Time (all times PDT)

08:00

End Day

Tuesday

End Time

10:00

Weekly Repeat

Start Day 1

Thursday

Start Time (all times PDT)

08:00

End Day

Thursday

End Time

10:00



If your recording occurs once on a specific date, you will schedule a specific date recording. This type of schedule is used primarily for special events and one time recordings. You will want to select 'Add Specific Date' in the 'Schedules' section.

The screenshot shows a web interface titled 'Schedules'. At the top, there are two buttons: 'Add Weekly Repeat' and 'Add Specific Date'. Below these buttons is a section titled 'Specific Date' with a red trash icon in the top right corner. Inside this section, there are four input fields arranged in a 2x2 grid. The top-left field is 'Start Date' with the value '2016/07/26' and a calendar icon. The top-right field is 'Start Time (all times PDT)' with the value '10:40' and a clock icon. The bottom-left field is 'End Date' with the value '2016/07/26' and a calendar icon. The bottom-right field is 'End Time' with the value '10:40' and a clock icon.

- ★ For example, if you have a live stream occurring for a special segment on August 1st, 2016 from 5:00 PM to 10:00 PM, you will click the 'Add Specific Date' icon and fill out the schedule for that date.

This screenshot shows the same 'Schedules' interface as the previous one, but with different values. The 'Start Date' is '2016/08/01', the 'Start Time (all times PDT)' is '17:00', the 'End Date' is '2016/08/01', and the 'End Time' is '22:00'. All icons and layout elements are identical to the first screenshot.



Note: All times in the SGrecast system are in military times, so please set your schedules accordingly (i.e. 5:00 PM is equal to 17:00 in military time).

You may set as many recording schedules as you need, there is no limit. If you have a program or broadcast that occurs Monday through Friday at 8:00 PM, you can set up five different repeat schedules. This will set the sidechannel to record every Monday through Friday at 8:00 PM going forward until the sidechannel is altered or removed. Once you have configured the recording times, click the **Record** button to submit since this is a record only type sidechannel.

Schedules

Add Weekly Repeat Add Specific Date

Specific Date

Start Date 2016/08/01 Start Time (all times PDT) 17:00

End Date 2016/08/01 End Time 22:00

Cancel Previous Record Next

6.5 Recording a Live Stream & Retransmitting

To create a sidechannel for **recording a live stream & retransmitting**:

1. Follow the same steps above for **recording a live stream**. The only difference is that after configuring your recording times, you will click the **Next** button to setup your broadcast schedules since this is a record and retransmit sidechannel.



Schedules

Add Weekly Repeat Add Specific Date

Specific Date

Start Date 2016/08/01 Start Time (all times PDT) 17:00

End Date 2016/08/01 End Time 22:00

Cancel Previous Record Next

2. This next page will be where you enter the details for your rebroadcast of your live stream after it is recorded. The 'Add Broadcasts' page is very similar to the 'Select Recording Source' page except you are now setting up servers, formats, and schedules to broadcast the previously recorded file.
3. The 'Servers' on this page are specifically setup to be broadcast enabled. You may select as many servers as you wish to broadcast your previously recorded live stream to. This enables you to make one recording and then send it to multiple servers. The 'Mount Point' is the mount name that will show on your server you are broadcasting to.



Add Broadcasts

Servers

NAME	DESCRIPTION	TYPE
name	description	type
labs	Icecast on Labs.	labs.streamguys.net:8000

Showing 1 to 1 of 1 entries

Mount Point

Mount Point Name (ex: tam971/tam971)

/

Formats

10

NAME	DESCRIPTION	FORMAT	BITRATE
name	description	format	bitrate
<input type="checkbox"/> AAC 64k	AAC audio at 64k bitrate and 22500 sample rate.	aac	64
<input type="checkbox"/> MP3 64k	Stereo MP3 audio at 64k bitrate and 22500 sample rate.	mp3	64

- Next, you will select the format(s) to broadcast your recording in. If you are unsure which format to select for broadcasting, refer to the 'Formats' section of this guide. You may select more than one format.
- Lastly, you will set the schedules for your broadcasting channel. Similar to how you set your recording schedules, there are two types of schedules: repeat and specific. If your broadcast happens on a regular weekly basis, you will want to select 'Add Weekly Repeat' in the 'Schedules' section.

Schedules

Add Weekly Repeat
Add Specific Date

Weekly Repeat

Start Day 1
Monday

Start Time (all times PDT)
10:40

End Day
Monday

End Time
10:40

- ★ For example, if you want to rebroadcast your recorded live stream every Wednesday from 10:00 AM to 12:00 PM you will select the 'Add Weekly Repeat' icon and fill the schedule out for that time. If your show happens daily from 10am to 12pm noon and you wish to rebroadcast that show during the empty time between shows, you might use a rebroadcast schedule like Monday 12:00 to Tuesday 10:00, modifying accordingly for the subsequent days.

Schedules

Add Weekly Repeat
Add Specific Date

Weekly Repeat

Start Day 1
Wednesday

Start Time (all times PDT)
10:00

End Day
Wednesday

End Time
12:00

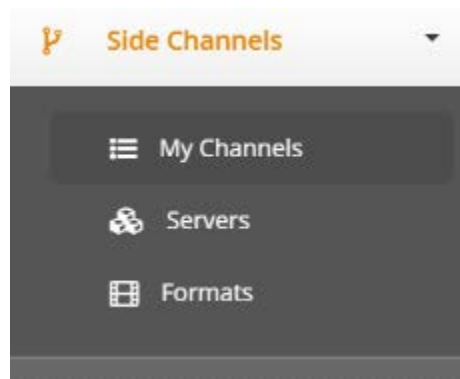


If want to rebroadcast on a specific date, you will schedule a specific date recording. This type of schedule is used primarily for special events and one time broadcasts. You will want to select 'Add Specific Date' in the 'Schedules' section.

6.6 Streaming Live from an Uploaded File

To create a sidechannel for **streaming live from an uploaded file**:

1. Select **Side Channels > My Channels** from the menu on the left.



If you are an admin level user, this page will display a table of all sidechannels on your system. If you are a regular user, this page will display a table of all sidechannels associated with your group(s). Click **Add Channel** in the right hand corner of the table.

2. This is the first page for creating a sidechannel. Here you will enter the name and description of your sidechannel and select its source type. In 'Select Source Type' you will select **Stream live from Uploaded file**. Next, you will select the group(s) this sidechannel will belong to. Once you are finished entering the details for this page, click **Next**.

NAME	DESCRIPTION	TYPE	ACTIONS
name	description	type	
Mind of a Beast	Track 1 of Love Death Immortality by Gliich Mob	mp3	Listen
Becoming Harmonious (feat. Metal Mother)	Track 4 of Love Death Immortality by Gliich Mob	mp3	Listen
Carry the Sun	Track 9 of Love Death Immortality by Gliich Mob	mp3	Listen
Forever Loving Jah	Bob Marley	mp3	Listen
Jah No Partial	Major Lazer feat. Flux Pavilion (Nornsens Remix)	mp3	Listen
Formation	Beyonce - New Album Lemonade	mp3	Listen
CMG test	test	mp3	Listen
test	test	mp3	Listen
MLB Test	testing waveform	mp3	Listen
Flight of the Living Dead	Entomologists at San Francisco State University are researching why some local honeybees exhibit bizarre nocturnal behaviors before suffering a gruesome death.	mp4	Listen

Showing 1 to 10 of 10 entries



- This page is where you will select the uploaded file you want to broadcast. Once you have chosen your upload source click **Next**.

Add Broadcasts

Servers

NAME	DESCRIPTION	TYPE
labs	Icecast on Labs.	labs.streamguys.net:8000

Showing 1 to 1 of 1 entries

Mount Point

Mount Point Name (ex: tam971/tam971)

/

Formats

NAME	DESCRIPTION	FORMAT	BITRATE
AAC 64k	AAC audio at 64k bitrate and 22500 sample rate.	aac	64
MP3 64k	Stereo MP3 audio at 64k bitrate and 22500 sample rate.	mp3	64

- This next page will be where you enter the details for the broadcast of your uploaded file. The 'Servers' on this page are specifically setup to be broadcast enabled. You may select as many servers as you wish to broadcast your uploaded file to. The 'Mount Point' is the mount name that will show on your server you are broadcasting to.
- Next, you will select the format(s) to broadcast your uploaded file in. If you are unsure which format to select for broadcasting, refer to the 'Formats' section of this guide. You may select more than one format.

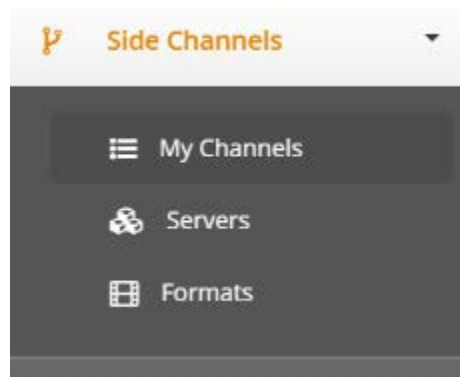


6. Lastly, you will set the schedules for your broadcasting channel. There are two types of schedules: repeat and specific. If your broadcast happens on a regular weekly basis, you will want to select 'Add Weekly Repeat' in the 'Schedules' section. If want to broadcast on a specific date, you will want to select 'Add Specific Date' in the 'Schedules' section. You may setup as many broadcasting schedules as you need, there is no limit. If you are unsure how to setup a schedule, refer to the section above **Creating a Schedule**.
7. Once you are finished configuring your broadcast schedules, click **Create** to submit your sidechannel.

6.7 Streaming Live from an Archived File

To create a sidechannel for **streaming live from an archived file**:

1. Select **Side Channels > My Channels** from the menu on the left.



If you are an admin level user, this page will display a table of all sidechannels on your system. If you are a regular user, this page will display a table of all sidechannels associated with your group(s). Click 'Add Channel' in the right hand corner of the table.

- This is the first page for creating a sidechannel. Here you will enter the name and description of your sidechannel and select its source type. In 'Select Source Type' you will select **Stream live from Archived file**. Next, you will select the group(s) this sidechannel will belong to. Once you are finished entering the details for this page, click **Next**.

NAME	FILENAME	DESCRIPTION	CREATED AT	TYPE
My Awesome Channel	a2016072512000527.mp3	meow	2016-07-25 12:00:05	mp3
test	a2016072311544426.mp3	tsirewids	2016-07-25 11:54:44	mp3
My Awesome Channel	a2016072112000525.mp3	meow	2016-07-21 12:00:05	mp3
User Channel	a2016072109133624.mp3	Testing user sidechannel editing functionality.	2016-07-21 09:13:36	mp3
test	a2016072016020723.mp3	tsirewids	2016-07-20 16:02:07	mp3

- This page is where you will select the archived file you want to broadcast. Once you have chosen your archive source click **Next**.



Add Broadcasts

Servers

	NAME	DESCRIPTION	TYPE
	name	description	type
<input type="checkbox"/>	labs	Icecast on Labs.	labs.streamguys.net:8000

Showing 1 to 1 of 1 entries

Mount Point

Mount Point Name (ex: tam971/tam971)

/

Formats

10

	NAME	DESCRIPTION	FORMAT	BITRATE
	name	description	format	bitrate
<input type="checkbox"/>	AAC 64k	AAC audio at 64k bitrate and 22500 sample rate.	aac	64
<input type="checkbox"/>	MP3 64k	Stereo MP3 audio at 64k bitrate and 22500 sample rate.	mp3	64

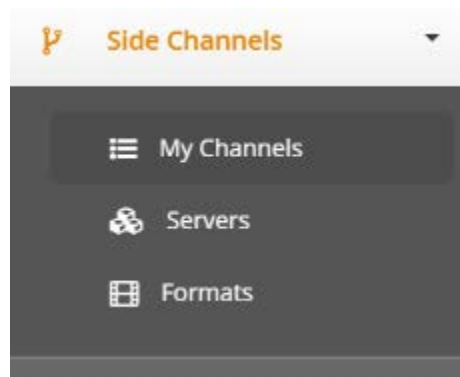
- This next page will be where you enter the details for the broadcast of your archived file. The 'Servers' on this page are specifically setup to be broadcast enabled. You may select as many servers as you wish to broadcast your archived file to. The 'Mount Point' is the mount name that will show on your server you are broadcasting to.
- Next, you will select the format(s) to broadcast your archived file in. If you are unsure which format to select for broadcasting, refer to the 'Formats' section of this guide. You may select more than one format.

6. Lastly, you will set the schedules for your broadcasting channel. There are two types of schedules: repeat and specific. If your broadcast happens on a regular weekly basis, you will want to select 'Add Weekly Repeat' in the 'Schedules' section. If want to broadcast on a specific date, you will want to select 'Add Specific Date' in the 'Schedules' section. You may setup as many broadcasting schedules as you need, there is no limit. If you are unsure how to setup a schedule, refer to the section above **Creating a Schedule**.
7. Once you are finished configuring your broadcast schedules, click **Create** to submit your sidechannel.

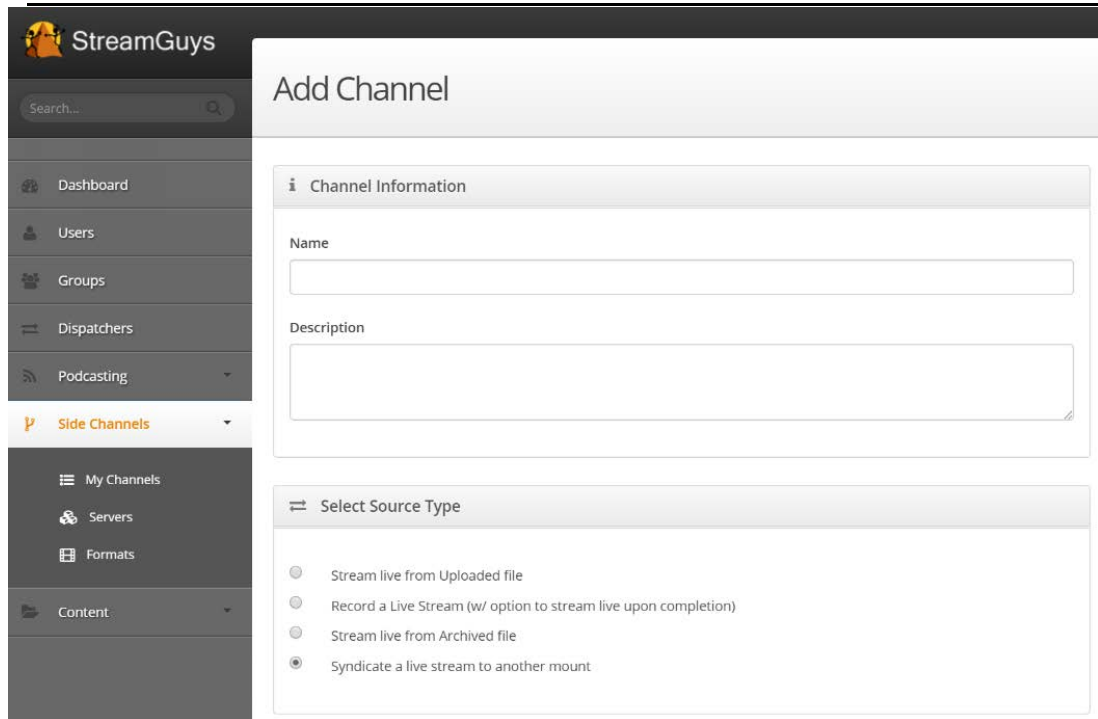
6.8 Syndicate a Live Stream to Another Mount

To create a sidechannel for **syndicating a life stream to another mount**:

1. Select **Side Channels > My Channels** from the menu on the left.



If you are an admin level user, this page will display a table of all sidechannels on your system. If you are a regular user, this page will display a table of all sidechannels associated with your group(s). Click **Add Channel** in the right hand corner of the table.



StreamGuys

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Add Channel

Channel Information

Name

Description

Select Source Type

- ☐ Stream live from Uploaded file
- ☐ Record a Live Stream (w/ option to stream live upon completion)
- ☐ Stream live from Archived file
- ☒ Syndicate a live stream to another mount

2. This is the first page for creating a sidechannel. Here you will enter the name and description of your sidechannel and select its source type. In 'Select Source Type' you will select **Syndicate a live stream to another mount**. Next, you will select the group(s) this sidechannel will belong to. Once you are finished entering the details for this page, click **Next**.

Select Transcode Source

Servers

NAME	DESCRIPTION	TYPE
name	description	type
labs	Icecast on Labs.	labs.streamguys.net:8000
Whisperings	Solo piano radio Icecast.	pianosolo.streamguys.net:80

Showing 1 to 2 of 2 entries

← Previous 1 Next →

Mount Point

Mount Point Name (ex: tam971/tam971)

/

Cancel Previous Next

- This page is where you declare which stream is recorded for live syndication. Select the server which you would like to record a live stream from. The 'Mount Point' is the mount name of your live stream on the selected server. Once you have selected your stream, click **Next**.

Add Broadcasts

Servers

NAME	DESCRIPTION	TYPE
name	description	type
labs	Icecast on Labs.	labs.streamguys.net:8000

Showing 1 to 1 of 1 entries

Mount Point

Mount Point Name (ex: tam971/tam971)

/

Formats

10

NAME	DESCRIPTION	FORMAT	BITRATE
name	description	format	bitrate
<input type="checkbox"/> AAC 64k	AAC audio at 64k bitrate and 22500 sample rate.	aac	64
<input type="checkbox"/> MP3 64k	Stereo MP3 audio at 64k bitrate and 22500 sample rate.	mp3	64

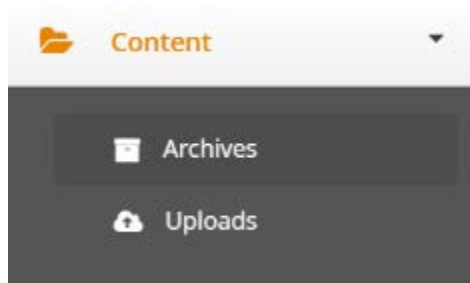
- This next page will be where you enter the select which servers/mounts the syndicated broadcast will go and during what time. The 'Servers' on this page are specifically setup to be broadcast enabled.
- Next, you will select the format(s) for the syndicated broadcast. If you are unsure which format to select for broadcasting, refer to the 'Formats' section of this guide. You may select more than one format.

6. Lastly, you will set the schedules for your syndicated broadcast. There are two types of schedules: repeat and specific. If your broadcast happens on a regular weekly basis, you will want to select 'Add Weekly Repeat' in the 'Schedules' section. If want to broadcast on a specific date, you will want to select 'Add Specific Date' in the 'Schedules' section. You may setup as many broadcasting schedules as you need, there is no limit. If you are unsure how to setup a schedule, refer to the section above **Creating a Schedule**.
7. Once you are finished configuring your broadcast schedules, click **Create** to submit your sidechannel.

7. Archives

There are two types of content in the SGrecast system: archives and uploads. An archive is anything created by a sidechannel. When a sidechannel records from a live stream, an archive is automatically created in the system. This archive will only be available to the users associated with the group(s) that the sidechannel belongs to.

To access archives on your SGrecast system select **Content > Archives** from the menu on the left.



Archive Overview



NAME	DESCRIPTION	CHANNEL	URL	CREATION DATE	ACTIONS	SOCIAL
Friday Recording	Friday Recording	Friday Recording	http://192.168.254.122/content/marvel/a201611040939051.mp3	2016-11-04 09:39:05	Actions Listen	f t v

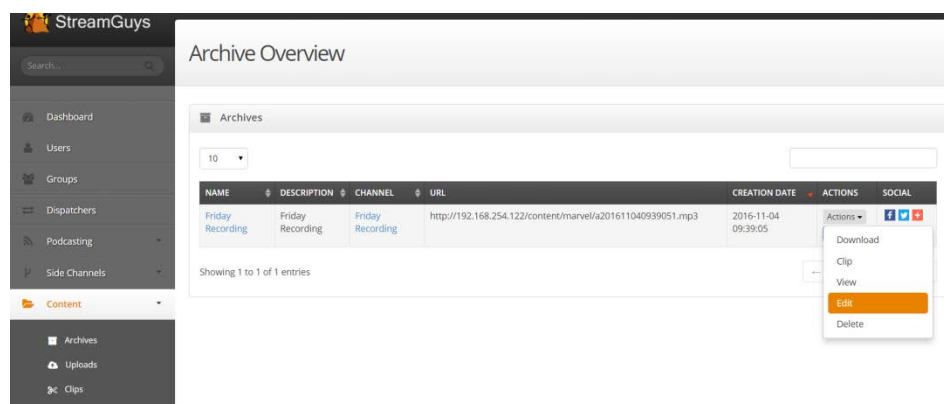
Showing 1 to 1 of 1 entries

If you are an admin level user, this page will display a table of all archived files on your system. If you are a regular user, this page will display a table of all archived files associated with your group(s). The third column from the left 'Channel' is the name of the sidechannel that recorded the archive from a live stream. The fourth column from the left 'URL' is the location of the archived file on your SGrecast system. In the sixth column from the left 'Actions', users have the option to download, clip, view, edit or delete a specific archive.

In the case that an archive records silence or includes audio that you do not wish to publish in your podcast, you can hide an archive from the podcasts that it belongs to.

To hide an archive from a podcast feed:

1. Find the archive you want to hide, and select the **Edit** option under the 'Actions' dropdown on the far right of the specific archive.



Edit Archive

Archive Details

Name

Friday Recording

Description

Friday Recording

☒ Visible in Podcast

Submit

Cancel

2. On the 'Edit Archive' page, you can edit the name and description fields as well as hide the archive from being visible in podcasts if it belongs to any.
3. Once you are finished editing your archive, click **Submit**

8. Uploads

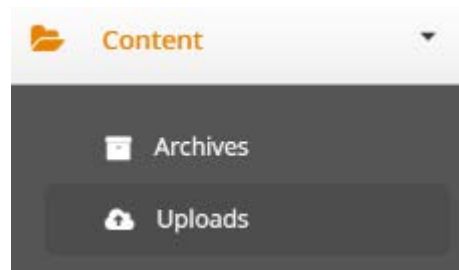
As mentioned before, there are two types of content in the SGrecast system: archives and uploads. To learn about archives, please refer to the **Archive** section above. Uploads are files you can add to the SGrecast system and then use as sources for broadcasts and/or podcasts. If you ever want to add a program recorded outside of your SGrecast system, you can use the upload feature. In addition, uploads work well if you want to edit an archived file before rebroadcasting it. You can do this by downloading the archived file, making your desired edits, and uploading the newly edited archive.



8.1 Uploading a File

To upload a file to your SGreecast system:

1. Select **Content > Uploads** from the menu on the left.



 A screenshot of the 'Uploads Overview' page in the StreamGuys interface. The left sidebar shows the navigation menu with 'Content' selected and 'Uploads' highlighted. The main area displays a table of uploaded files.

NAME	DESCRIPTION	FILE EXTENSION	MIMETYPE	CREATED BY	CREATED AT	UPDATED AT	ACTIONS
Rakuten Silence	648bps AAC	mp3	audio/mpeg	admin	2016-07-11 23:59:41	2016-07-11 23:59:41	Listen Download View Edit Delete
Sharks Test	testing	mp3	audio/mpeg	admin	2016-07-01 17:05:35	2016-07-01 17:05:35	Listen Download View Edit Delete
Sharks	Sea full of Sharks	mp3	audio/mpeg	demo	2015-11-17 10:51:49	2015-11-17 10:51:49	Listen Download View Edit Delete

Showing 1 to 3 of 3 entries

Previous 1 Next

If you are an admin level user, this page will display a table of all uploaded files on your system. If you are a regular user, this page will display a table of all uploaded files associated with your group(s). Click 'Upload Content' in the right hand corner of the table.



StreamGuys

Search...

- Dashboard
- Users
- Groups
- Dispatchers
- Podcasting
- Side Channels
- Content**
 - Archives
 - Uploads

Upload Content

☐ Content Description

Name

Description

Upload Content

+ Upload File

Group Information

10 Search...

<input type="checkbox"/>	AVAILABLE GROUPS	DESCRIPTION
<input type="checkbox"/>	available groups	description
<input type="checkbox"/>	allclassical	All Classical demo account.

- This next page will be where you enter in the details of your new upload. The 'Name' and 'Description' will be how your upload appears throughout your SGrecast system. In the 'Upload Content' section, select a file from your local file system to upload to the system.
Note: The SGrecast system has a predefined maximum file size. Please consult with us if you need this size to be increased.
- Next, you will select the group(s) this upload will belong to. All users associated with the selected group(s) will have access to this upload. After you are finished entering the details for this page, click **Submit**.
- Once you have uploaded a file to your SGrecast system, you will see it on the main 'Uploads Overview' page. Uploads can be used as broadcast sources for sidechannels as well as episodes in podcasts.

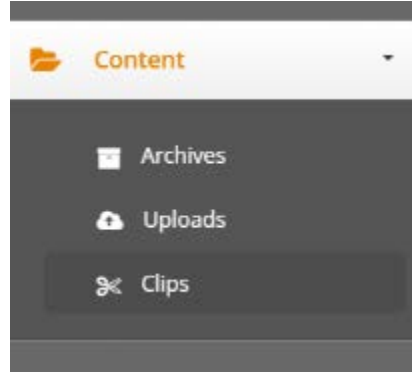
9. Waveform Editor

You can create clips from your archived and uploaded content through the waveform editor of the SGrecast system. This can be useful if your recorded content has unwanted beginning and/or trailing segments of silence that you wish to remove or if you wish to highlight a particular segment of your content for distribution.

9.1 Create a Clip

To create a clip from content:

1. Select **Content > Clips** from the menu on the left.



If you are an admin level user, this page will display a table of all clips created on your system. If you are a regular user, this page will display a table of all clips that you have created. Click 'Create Clip' in the right hand corner of the table. Clips are available for playback and download in the far right column of the table labeled 'Actions'.

2. This next page will be where you select the source file to create a clip from. Select 'Archive' if you would like to make a clip from a recorded file or select 'Upload' to clip a file that was previously uploaded to the system. Select the specific file to clip and click 'Next'.

Note: The SGrecast waveform editor currently only supports MP3 audio files.



- The next page will produce a loading image while the audio waveform is generated. Depending on the size of your chosen audio file, this can take a few moments. Larger files will take longer to produce audio waveform images.



- Once the audio waveform is generated, you will see a page similar to this with the waveform image of your chosen audio file. To play your audio file, click the **Play** button to the right of the menu or press the space bar.



5. To pause your audio file, click the **Pause** button to the right of the menu or press the space bar.
 6. To restart your audio file to its beginning, click the **Restart** button to the right of the **Play/Pause** button.
 7. To view a longer audio waveform image with shorter time intervals, click the **Zoom In** button.
 8. To view a shorter audio waveform image with longer time intervals, click the **Zoom Out** button.
 9. To reload the audio waveform image, click the **Refresh** button.
 10. Click around the audio waveform image to move the blue marker and seek throughout the file.
 11. The highlighted square over the waveform marks your clip segment. Drag and resize this square to mark your desired clip. The 'Start' and 'End' times refer to the beginning and end of the current clip. As you drag/resize the square, you will notice how the 'Start' and 'End' times update.
- ★ For example, to create a 30 second clip starting at 10 seconds and ending at 40 seconds drag the highlighted square until the 'Start' shows '0:10' and resize the right edge until the 'End' shows '0:40'.
12. Click **Preview** to preview the current clip segment.



If the preview isn't quite right, you can modify your clip by dragging/resizing the highlighted square over the waveform and clicking **Preview** again. You can do this as many times as necessary until your clip is exactly how you want it.

Clip Details

Clip Title*

Clip Description*

☒ Make this clip the active content for Hurricanes

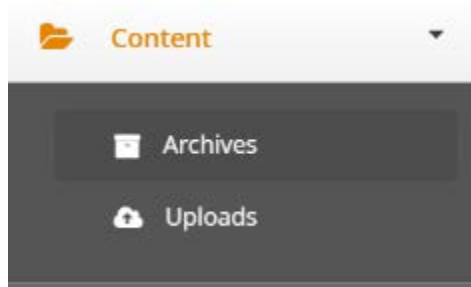
13. Once you are satisfied with your audio clip, enter in a title and description for your new clip.
14. Check 'Make this clip the active content' if you would like your new clip to be the active content source of the original file. Once you are finished entering in your clip details, click **Create Clip** to finish.

Note: Checking 'Make this clip the active content' will not remove the original file. If checked, your new clip will be the source of content for the original file in podcasts and sidechannels. You can reset the active content source back to the original file at any time.

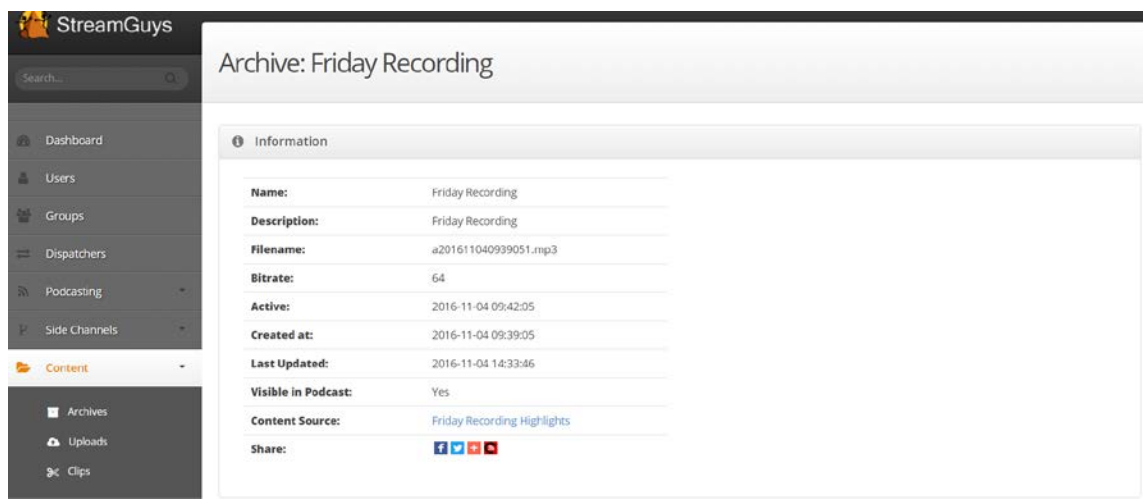
9.2 Active Content Source

Clips can be set as the active content source of their original parent files. Archives/Uploads can have multiple associated clips. To view associated clips of specific content, go to 'View' that particular file. For archives, select **Content > Archives** from the menu on the left.

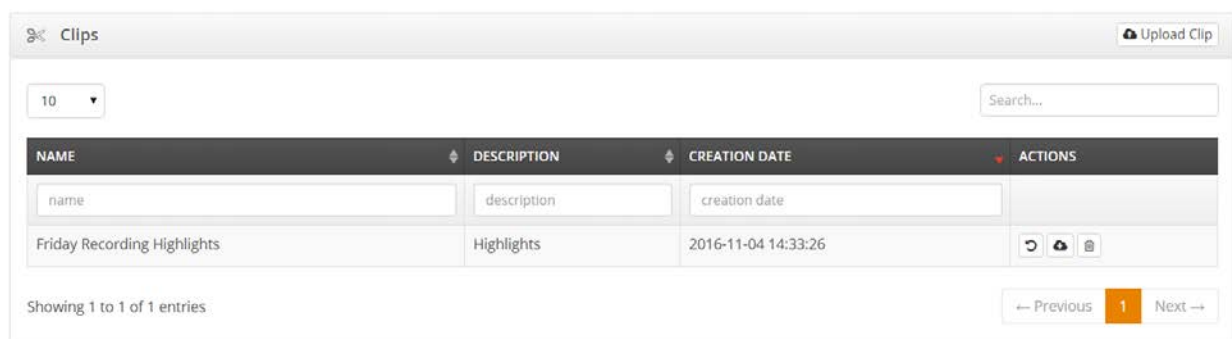




Next, select **View** under the 'Actions' column on the far right of the specific archive.



The 'Content Source' towards the bottom of the archive information displays the currently active source of content. This is the source that will be used if your archive belongs to a podcast and/or sidechannel. Below the archive information, all associated clips are displayed. These are clips that were created from this archive.



- ★ For example, the active content source for this archive is the clip titled 'Friday Recording Highlights'. To reset this archive back to its original content source, click the undo icon under 'Actions' for '30 Second Highlight'.

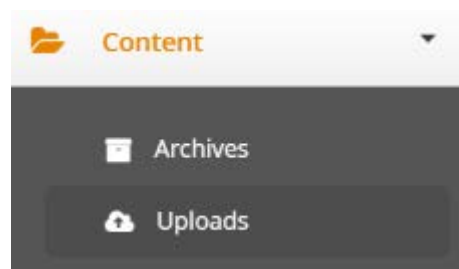
Success ✕

Successfully set Friday Recording as the active content source.

Information

Name:	Friday Recording
Description:	Friday Recording
Filename:	a201611040939051.mp3
Bitrate:	64
Active:	2016-11-04 09:42:05
Created at:	2016-11-04 09:39:05
Last Updated:	2016-11-04 14:36:02
Visible in Podcast:	Yes
Content Source:	Friday Recording
Share:	f t + v

To view associated clips of a specific upload, the process is very similar. Select **Content > Uploads** from the menu on the left.



Next, select **View** under the 'Actions' column on the far right of the specific upload.

StreamGuys

Upload: Sharks

Information

Name: [Sharks](#)

Description: Sea Full of Sharks

File URL: <http://192.168.254.122/content/marvel/u20161104142404.mp3>

Mimetype: audio/mpeg

Created by: admin

Created at: 2016-11-04 14:24:04

Last Updated: 2016-11-04 14:31:56

Content Source: [Sharks](#)

Share: [f](#) [t](#) [y](#) [s](#)

Clips

This upload does not have any associated clips.

The 'Content Source' towards the bottom of the upload information displays the currently active source of content. This is the source that will be used if your upload belongs to a podcast and/or sidechannel. Below the upload information, all associated clips are displayed. This specific upload has not had any clips created yet.

To create a clip of this upload, go back to the 'Uploads Overview' page. Select **Content > Uploads** from the menu on the left.

StreamGuys

Uploads Overview

Uploads

10

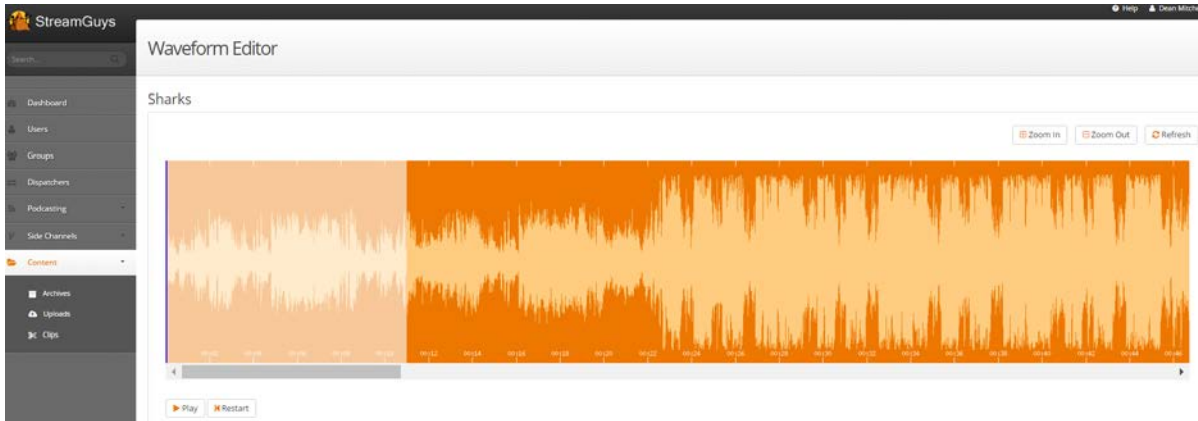
NAME	DESCRIPTION	FILE EXTENSION	MIMETYPE	CREATED BY	CREATED AT	ACTIONS	SOCIAL
Sharks	Sea Full of Sharks	mp3	audio/mpeg	admin	2016-11-04 14:24:04	Actions	f t
Mind of a Beast (edited)	Track 1 of Love Death Immortality by Glitch Mob	mp3	audio/mpeg	admin	2016-11-04 09:33:15	Download	
Becoming Harmonious (feat. Metal Mother)	Track 4 of Love Death Immortality by Glitch Mob	mp3	audio/mpeg	batman	2016-11-04 09:33:15	Clip	
Carry the Sun	Track 9 of Love Death Immortality by Glitch Mob	mp3	audio/mpeg	spiderman	2016-11-04 09:33:15	View	
						Edit	
						Delete	
						Actions	f t
						Listen	+ y

Showing 1 to 4 of 4 entries

Previous 1 Next



Select the **Clip** option under the 'Actions' dropdown on the far right of the specific upload. This will load this upload into the waveform editor for clipping.



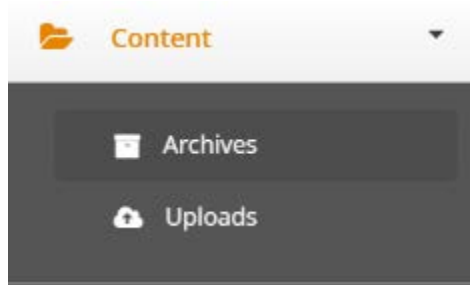
Refer back to the previous section 'Create a Clip' for instructions on using the waveform editor to create new clips.



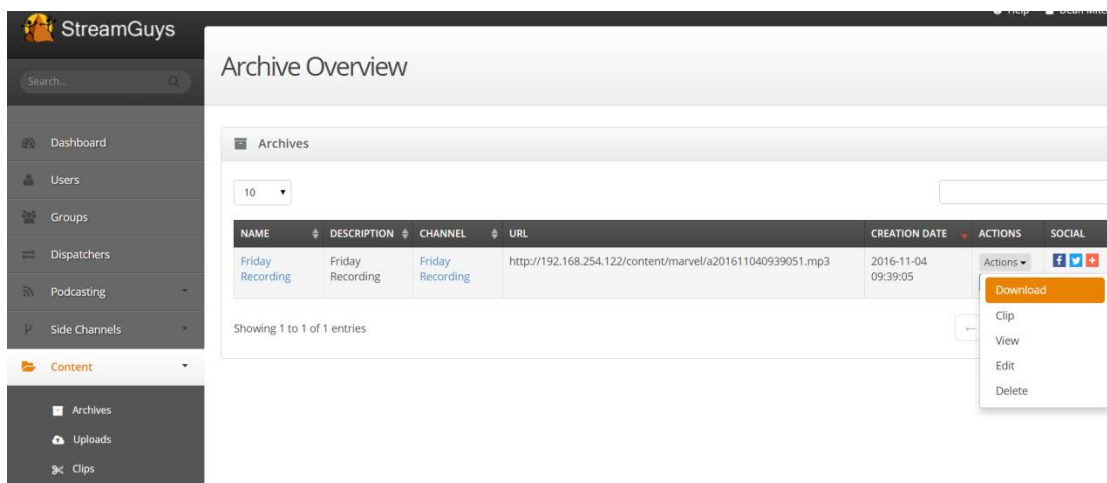
The SGrecast also supports editing content offline in a desktop application and re-uploading it to the system. This scenario is useful for making advanced post processing edits that are not available through the SGrecast waveform editor such as fading audio in/out, dynamic compression, etc.

To edit an archive offline:

1. Select **Content > Archives** from the menu on the left.



2. Find the archive you want to edit, and select the **Download** option under the 'Actions' dropdown on the far right of the specific archive.



3. After the archive downloads to your local system, you can edit it in your offline editor software.
4. When you are ready to re-upload your edited file to the SGrecast system, go back to the 'Archive Overview' page where you initially downloaded the content.
5. Select the **View** option under the 'Actions' dropdown on the far right of the archive you edited.

StreamGuys Archive Overview

Archives

10

NAME	DESCRIPTION	CHANNEL	URL	CREATION DATE	ACTIONS	SOCIAL
Friday Recording	Friday Recording	Friday Recording	http://192.168.254.122/content/marvel/a201611040939051.mp3	2016-11-04 09:39:05	Actions Download Clip View Edit Delete	f t +

Showing 1 to 1 of 1 entries

Content

- Archives
- Uploads
- Clips

6. Select **Upload Clip** in the right hand corner of the 'Clips' section.

Archive: Friday Recording

Information

Name: Friday Recording

Description: Friday Recording

Filename: a201611040939051.mp3

Bitrate: 64

Active: 2016-11-04 09:42:05

Created at: 2016-11-04 09:39:05

Last Updated: 2016-11-04 14:36:02

Visible in Podcast: Yes

Content Source: Friday Recording

Share: f t +

Clips

10

NAME	DESCRIPTION	CREATION DATE	ACTIONS
Friday Recording Highlights	Highlights	2016-11-04 14:33:26	Download Upload Clip

Showing 1 to 1 of 1 entries



The screenshot shows a web interface for an archive titled "Archive: Friday Recording". In the foreground, a modal window titled "Upload Clip" is open. The modal contains the following fields and controls:

- Name:** A text input field.
- Description:** A text area.
- Upload Content:** A section with a green button labeled "+ Upload File".
- ☒ **Make this clip the active content.**
- Submit** (orange button) and **Close** (grey button) buttons at the bottom right.

The background page shows the "Information" tab for the archive with the following details:

Name:	Friday Recording
Description:	Friday Recording
Filename:	a201611040939051.mp3
Bitrate:	64
Active:	2016-11-04 09:42:05
Created at:	2016-11-04 09:39:05
Last Updated:	2016-11-04 14:36:02
Visible in Podcast:	Yes
Content Source:	Friday Recording
Share:	[Social media icons]

- This will open a pop-up form to upload your edited file. Enter in a title and description for your new clip and upload the edited file from your local file system. Keep 'Make this clip the active content' checked if you want this edited file to be the active content of the archive.

Note: Checking 'Make this clip the active content' will not remove the original archive. If checked, your new clip will be the source of content for the archive in podcasts and sidechannels. You can reset the active content source back to the original archive at any time.

- Click **Submit** to upload your newly edited clip.

The screenshot shows the same "Archive: Friday Recording" page, but the "Upload Clip" modal is replaced by a "Success" modal. The "Success" modal contains the following text and controls:

- Success** (title)
- The clip "Edited Friday Recording" was successfully added to the archive.
- OK** (orange button) and **Close** (grey button) buttons at the bottom right.

The background page shows the "Information" tab for the archive with the following details:

Name:	Friday Recording
Description:	Friday Recording
Filename:	a201611040939051.mp3
Bitrate:	64
Active:	2016-11-04 09:42:05
Created at:	2016-11-04 09:39:05
Last Updated:	2016-11-04 14:36:02
Visible in Podcast:	Yes
Content Source:	Friday Recording
Share:	[Social media icons]

10. Summary

We understand this is a lot of information to digest. The SGrecast system has a lot of functionality designed to provide you with the power to automate the recording, broadcasting, and podcasting of your live content. We are available 24/7 to assist you, so feel free to reach out to us.

For Support and Help, please use either of the following procedures for best response:

Ticketing System

Start by submitting a ticket to our support system, [here](#)

You will need to register as a user the first time you use the support system. After you are registered, you can simply email support@streamguys.com

To check the status of a ticket, please [click here](#).

By Phone

Speak with our Support Team:

- Toll free: (877) 287-2983 x3
- International: (707) 667-9479 x3

