

# SGreports NPR Reporting

This tutorial goes over NPR reporting with SGreports. If you have any questions, please contact [support@streamguys.com](mailto:support@streamguys.com).

## Section 1. NPR Export Format (Tab Delimited)

### Section 2. Setting-up Stream Filters

#### Section 2a. Filter Setup for Icecast Mount-points

#### Section 2b. Filter setup for Wowza Stream Names

#### Section 2c. Filter Setup for WMS Publishing-points

#### Section 2d. Filtering for ShoutCAST Stations

### Section 3. Creating a NPR Report

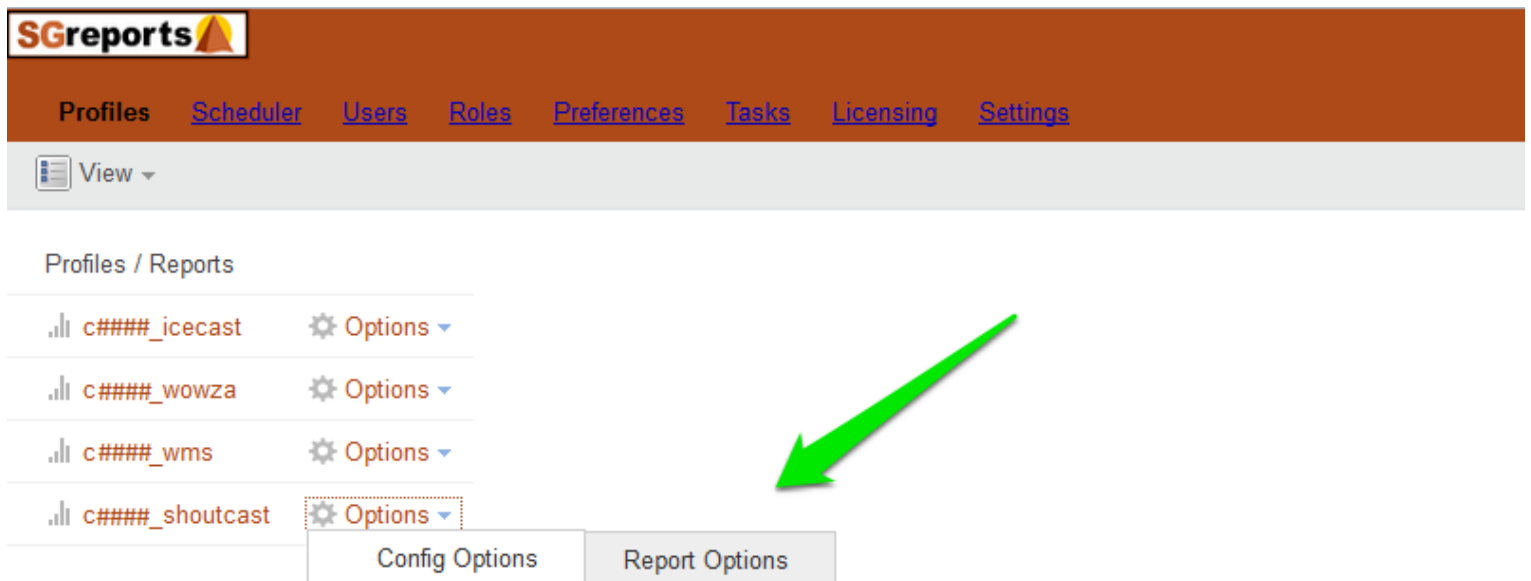
#### Section 3a. Selecting a Date-range for Your NPR Reporting Period

### Section 4. Exporting a Report for NPR

## Section 1. NPR Export Format (Tab Delimited)

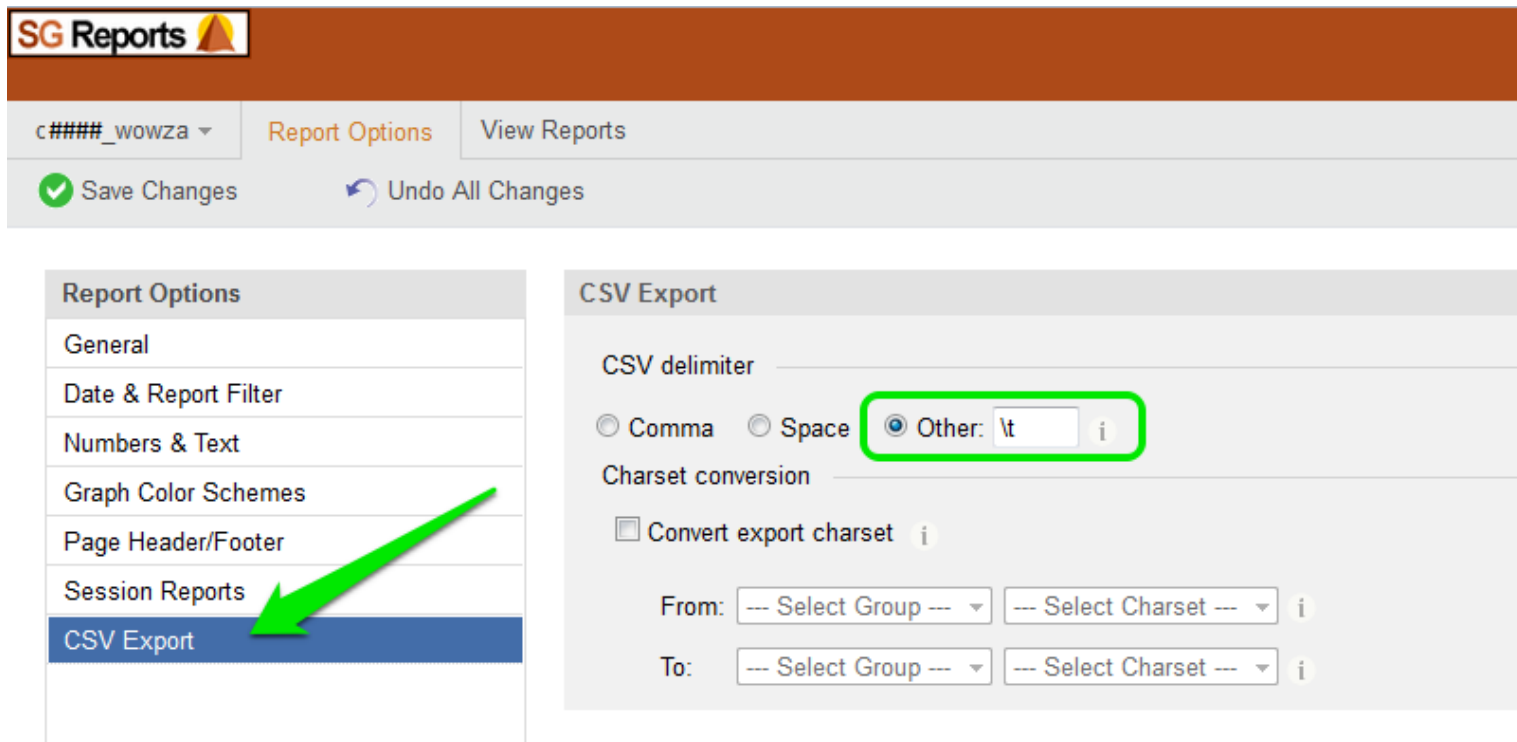
NPR requires reports to be exported in tab delimited format. This section goes over setting the CSV delimiter to tab delimited in SGreports. If you've done this previously, you can skip this step. If you have any questions, please contact [support@streamguys.com](mailto:support@streamguys.com).

Log into your SGreports manager, and select the Options drop down menu next to your respective profile, then select Report Options, or just select Report Options if you don't have an Options drop down menu.



The screenshot shows the SGreports web interface. At the top is the SGreports logo. Below it is a navigation bar with links for Profiles, Scheduler, Users, Roles, Preferences, Tasks, Licensing, and Settings. A 'View' dropdown menu is visible. The main content area is titled 'Profiles / Reports' and lists four profiles: c####\_icecast, c####\_wowza, c####\_wms, and c####\_shoutcast. Each profile has a gear icon and an 'Options' dropdown menu. A red dashed box highlights the 'Options' dropdown for the 'c####\_shoutcast' profile. A green arrow points to the 'Options' dropdown. Below the dropdown, two buttons are visible: 'Config Options' and 'Report Options'.

Select CSV Export, the last item in the left column of the Report Options window.



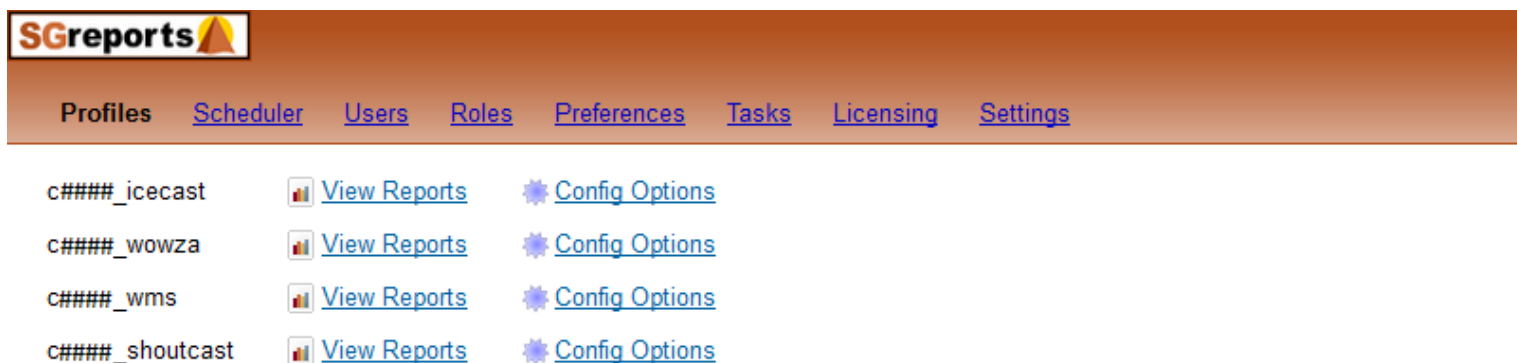
The screenshot shows the SG Reports interface. At the top, there is a navigation bar with the SG Reports logo and a dropdown menu showing 'c####\_wowza'. Below this are two tabs: 'Report Options' (active) and 'View Reports'. A 'Save Changes' button with a green checkmark and an 'Undo All Changes' button with a circular arrow are visible. The main content area is split into two panels. The left panel, titled 'Report Options', has a sidebar menu with items: General, Date & Report Filter, Numbers & Text, Graph Color Schemes, Page Header/Footer, Session Reports, and CSV Export. A green arrow points to the 'CSV Export' item. The right panel, titled 'CSV Export', has a 'CSV delimiter' section with three radio buttons: 'Comma', 'Space', and 'Other:'. The 'Other:' radio button is selected, and a text box next to it contains the backslash character '\t'. Below this is a 'Charset conversion' section with a checkbox 'Convert export charset' which is unchecked. At the bottom of this section are two rows of dropdown menus labeled 'From:' and 'To:', each with a 'Select Group' and 'Select Charset' dropdown and an information icon 'i'.

Under CSV delimiter, select the Other: radio button, and enter \t into the text box as shown above.\*

Click the Save Changes button on the top left.

\* Please note: This is a back-slash, not the more commonly used forward-slash.

Select the View Reports link next to the respective profile you're reporting on.



The screenshot shows the SGreports interface. At the top, there is a navigation bar with the SGreports logo and a menu with items: Profiles, Scheduler, Users, Roles, Preferences, Tasks, Licensing, and Settings. Below this is a table of profiles. Each profile has a 'View Reports' link with a bar chart icon and a 'Config Options' link with a gear icon.

Profile	View Reports	Config Options
c####_icecast	<a href="#">View Reports</a>	<a href="#">Config Options</a>
c####_wowza	<a href="#">View Reports</a>	<a href="#">Config Options</a>
c####_wms	<a href="#">View Reports</a>	<a href="#">Config Options</a>
c####_shoutcast	<a href="#">View Reports</a>	<a href="#">Config Options</a>

## Section 2. Setting-up Stream Filters

The accuracy of your reports depends on how well you filter for them. Please go to the respective section below for instruction on setting up a station filter for your specific your media-type.

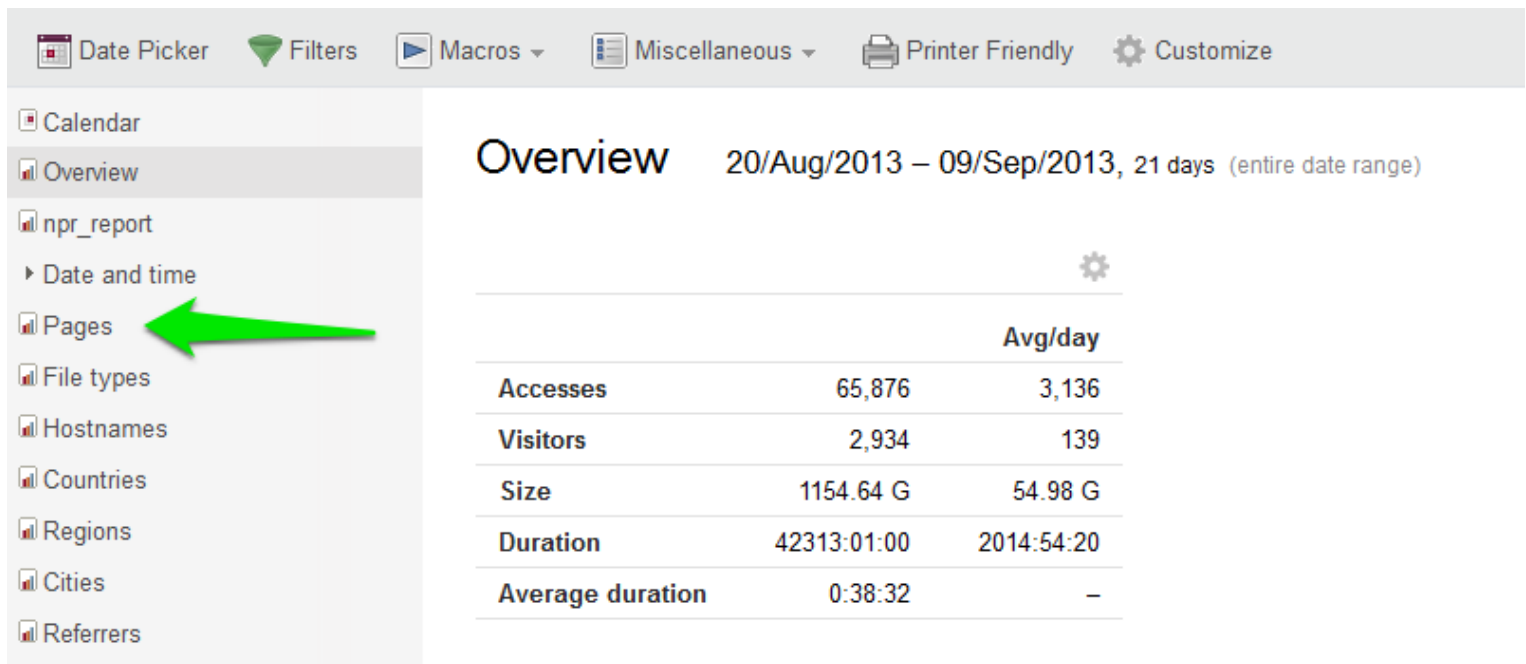
*If you would like to setup a duration filter for short accesses (e.g. < 90 secs), please see [SGreports Filter Setup for Play Duration.pdf](#).*

*To have all announcements, prerolls, and Adswizz insertions filtered out as well, please contact [support@streamguys.com](mailto:support@streamguys.com) about setting up a SGreports playlist profile.*

## Section 2a. SReports Filter Setup for Iccast Mount-points

This section goes over filtering for the generic Iccast mount-point, /live. This process is the same for multiple mount-points. If you have any questions, please contact support@streamguys.com.

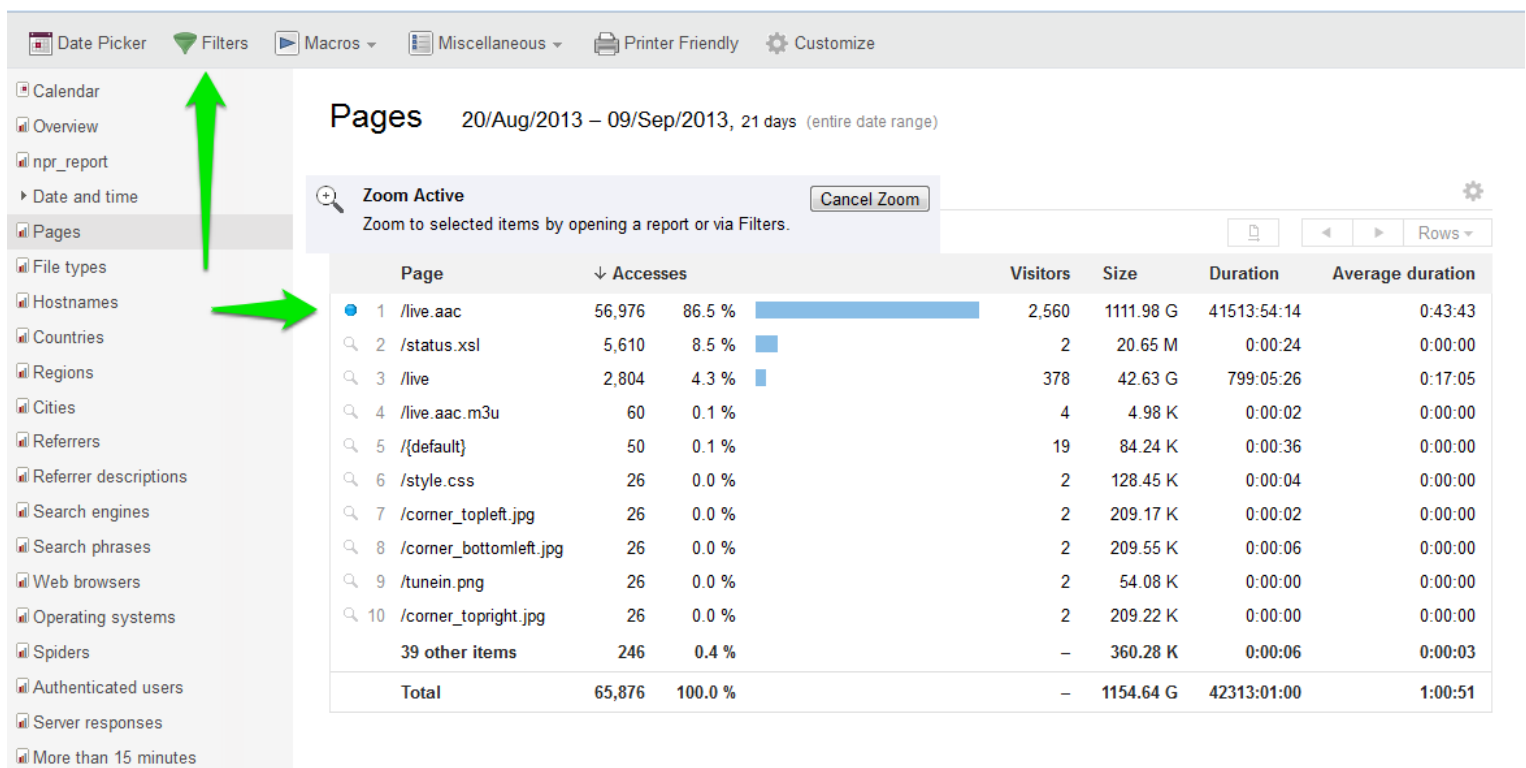
Select the Pages item in the left column to view each “page” access point; which, includes mount-points.



Overview 20/Aug/2013 – 09/Sep/2013, 21 days (entire date range)

		Avg/day
Accesses	65,876	3,136
Visitors	2,934	139
Size	1154.64 G	54.98 G
Duration	42313:01:00	2014:54:20
Average duration	0:38:32	–

In the Pages window, click the zoom icon just to the left of your mount-point(s).<sup>\*</sup> This will light up a blue dot next to your selected mount-point. Click the Filters button in the top menu bar.



Pages 20/Aug/2013 – 09/Sep/2013, 21 days (entire date range)

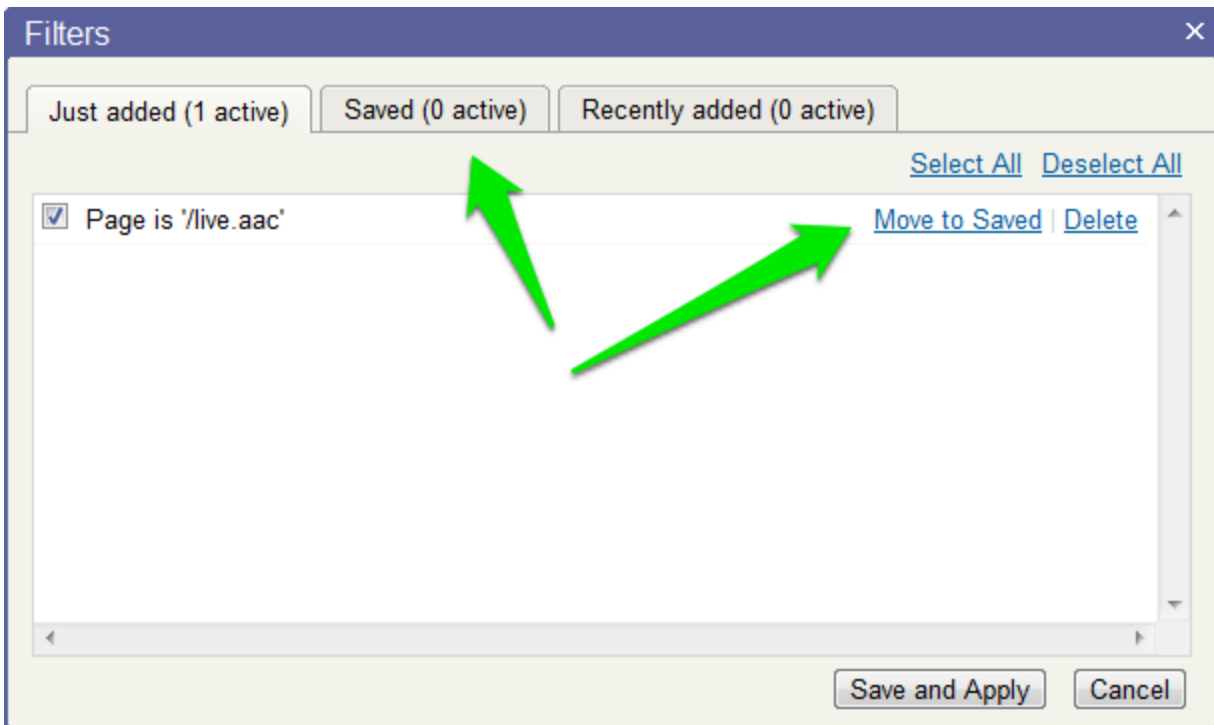
Zoom Active  
Zoom to selected items by opening a report or via Filters. [Cancel Zoom]

Page	↓ Accesses	Visitors	Size	Duration	Average duration
1 /live.aac	56,976 86.5 %	2,560	1111.98 G	41513:54:14	0:43:43
2 /status.xsl	5,610 8.5 %	2	20.65 M	0:00:24	0:00:00
3 /live	2,804 4.3 %	378	42.63 G	799:05:26	0:17:05
4 /live.aac.m3u	60 0.1 %	4	4.98 K	0:00:02	0:00:00
5 /{default}	50 0.1 %	19	84.24 K	0:00:36	0:00:00
6 /style.css	26 0.0 %	2	128.45 K	0:00:04	0:00:00
7 /corner_topleft.jpg	26 0.0 %	2	209.17 K	0:00:02	0:00:00
8 /corner_bottomleft.jpg	26 0.0 %	2	209.55 K	0:00:06	0:00:00
9 /tunein.png	26 0.0 %	2	54.08 K	0:00:00	0:00:00
10 /corner_topright.jpg	26 0.0 %	2	209.22 K	0:00:00	0:00:00
39 other items	246 0.4 %	–	360.28 K	0:00:06	0:00:03
Total	65,876 100.0 %	–	1154.64 G	42313:01:00	1:00:51

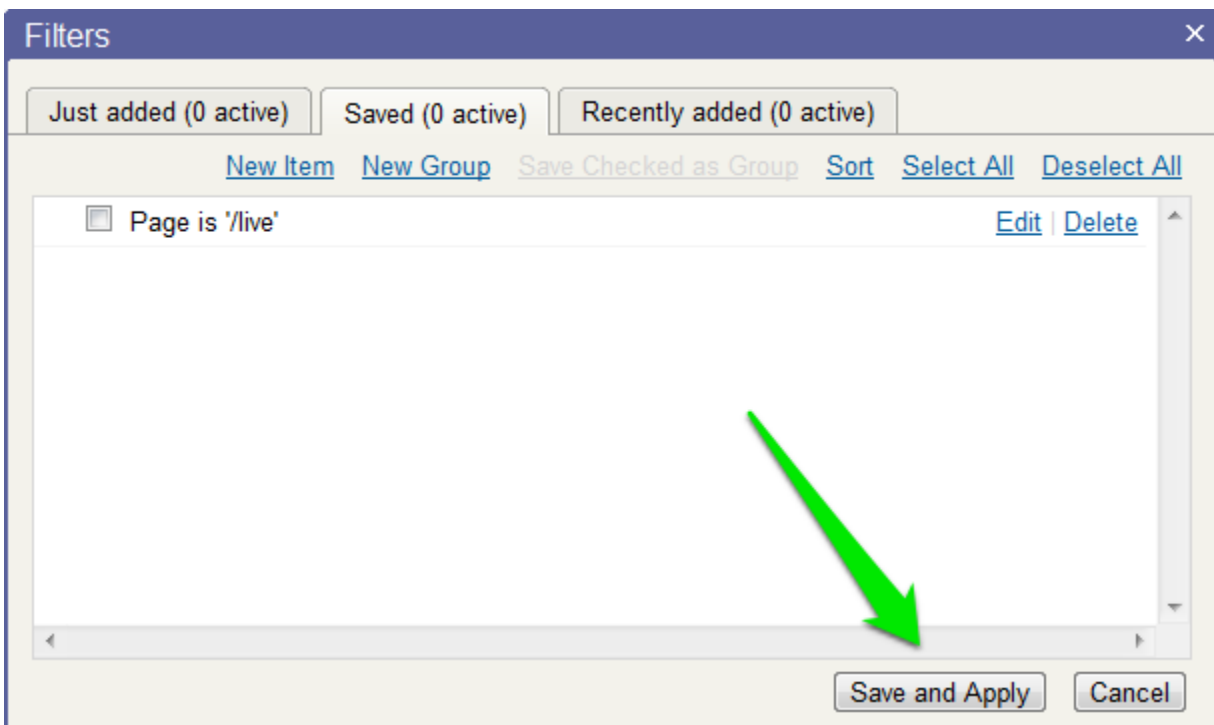
*\* The correct selection for your mount-point(s) may vary per each individual Iccast setup. For instance; if there is an alias setup for Iccast, then going to the server address and port will automatically play one of your per-determined mount-points. Therefore, /{default} may be a prevalent mount-point to create a filter for. In this example, it is not. This is obvious because the accesses are pretty much nil.*

The Filters dialog box will automatically load your selected mount-point(s).

1. Click the “Move to Saved” link next to each mount-point.
2. Click the Saved tab.



In the Saved tab, click the Save and Apply button.



The top of all your reports will now indicate that a filter is in effect for “Page.”

The screenshot shows the SReports interface with a filter applied to the 'Page' dimension. The report title is 'Pages' for the date range '20/Aug/2013 – 09/Sep/2013, 21 days'. A message indicates 'Report is filtered and shows data for Page is /live.aac'. Below this is a table with the following data:

Page	↓ Accesses	Visitors	Size	Duration	Average duration
1 /live.aac	56,976 100.0 %	2,560	1111.98 G	41513:54:14	0:43:43
Total	56,976 100.0 %	-	1111.98 G	41513:54:14	0:43:43

## Section 2b. SReports Filter setup for Wowza Stream Names

This section goes over setting up a filter for a Wowza stream name with SReports. If you've created filters for your stream(s) already, you can skip this step. If you have any questions, please contact support@streamguys.com.

In the left column, expand the Content menu item, and select Stream names. If you don't see the Dashboard page, please just select Stream names in the left column.

The screenshot shows the SReports interface with the 'Content' menu expanded and 'Stream names' selected. The report title is 'Dashboard' for the date range '29/Oct/2011 – 25/Feb/2014, 851 days'. The 'Overview' section displays the following data:

Play duration	Total server-to-client stream bytes	Total client-to-server stream bytes	Streams
241195:20:10 Avg/day 283:25:32	30256.11 G Avg/day 35.55 G	3120.32 G Avg/day 3.67 G	1,631,203 Avg/day 1,916

Additional metrics shown:

Unique client IPs	Concurrent Streams
85,898 Avg/day 100	5,191 Avg/day 6

Two pie charts are displayed: 'Streams' and 'Users', both showing 'Play duration (descending)'. The 'Streams' chart shows: video (60.9%), audio (39.1%), streamName (0.0%), and trackID=1 (0.0%). The 'Users' chart shows a distribution of play durations with the following data:

Percentage	Play duration
2.2 %	173.76.4.82
1.7 %	98.217.6.209
1.1 %	71.233.66.85
0.9 %	98.216.221.210
0.9 %	24.218.232.164
0.8 %	71.192.50.53
0.7 %	68.112.249.210
0.5 %	173.9.121.65

In the Stream names window, select the zoom icon next to the stream name(s) you are filtering for. This will light up a blue dot next to your selected Stream names.

Select Filters from the top menu bar.

**Stream names** 29/Oct/2011 – 25/Feb/2014, 851 days (entire date range)

**Zoom Active**  
Zoom to selected items by opening a report or via Filters. [Cancel Zoom](#)

Stream name	Play duration	Total server-to-client stream bytes	Total client-to-server stream bytes	Streams	Unique client IPs
1 video	146810:36:16 60.9 %	24671.80 G	2709.18 G	475,517	43,360
2 audio	94379:02:45 39.1 %	3733.01 G	407.36 G	1,051,660	60,398
3 streamName	3:07:51 0.0 %	343.06 M	3.13 G	718	303
4 trackID=1	2:33:18 0.0 %	0 B	0 B	249	123
5 -	0:00:00 0.0 %	2.54 G	86.84 K	1,083,680	62,699
6 trackID=2	0:00:00 0.0 %	0 B	0 B	3	3
7 streamaudio	0:00:00 0.0 %	0 B	626.42 M	5	1
8 wsro	0:00:00 0.0 %	0 B	0 B	11	1
9 videono	0:00:00 0.0 %	0 B	0 B	4	1
10 WIN 11,8,800,97	0:00:00 0.0 %	62.15 G	960.81 K	1,526	203
698 other items	0:00:00 0.0 %	1786.27 G	31.68 M	-	-
<b>Total</b>	<b>241195:20:10 100.0 %</b>	<b>30256.11 G</b>	<b>3120.32 G</b>	<b>-</b>	<b>-</b>

The Filters dialog box will automatically load your selected stream name(s).

Click Move to Saved next to your Stream name(s), then click the Saved tab.

**Filters**

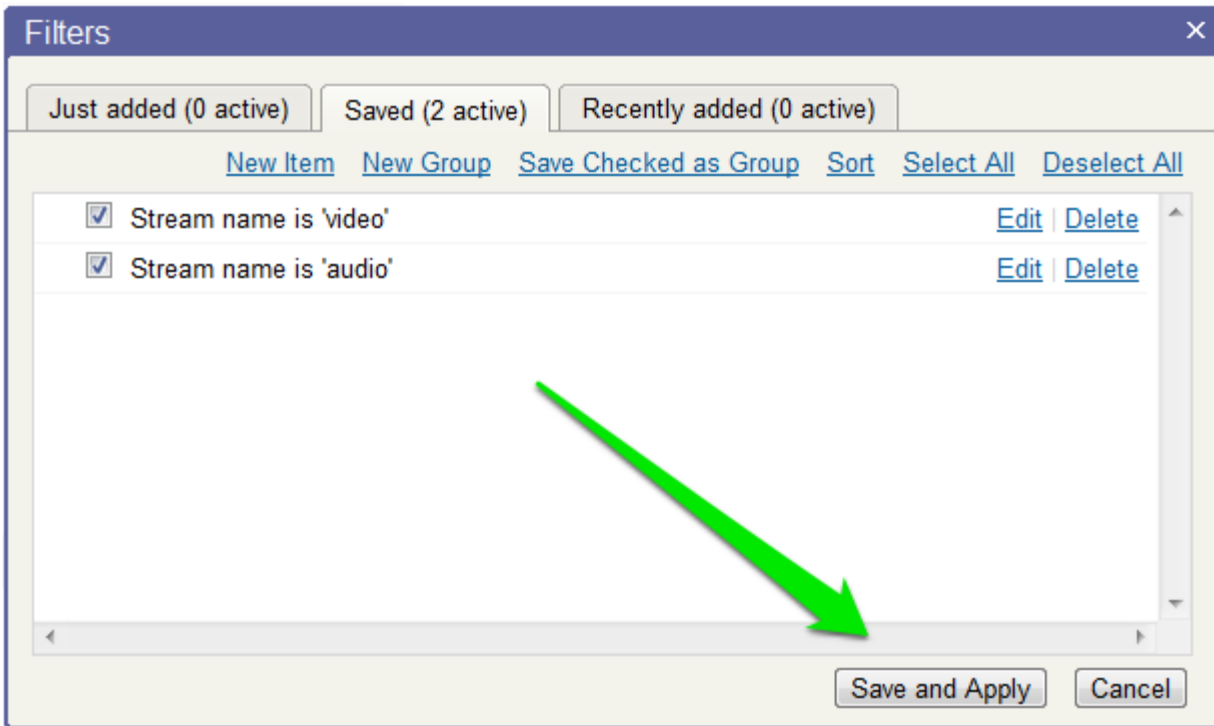
Just added (1 active) | Saved (0 active) | Recently added (0 active)

[Select All](#) [Deselect All](#)

Stream name is 'streamName' [Move to Saved](#) | [Delete](#)

[Save and Apply](#) [Cancel](#)

In the Saved tab, click the Save and Apply button.



Now all of your reports will indicate that a filter is in effect for your selected stream name(s).

## Stream names 29/Oct/2011 – 25/Feb/2014, 851 days (entire date range)

[Clear Filters](#)

Report is filtered and shows data for  
Stream name is **audio**, **video**

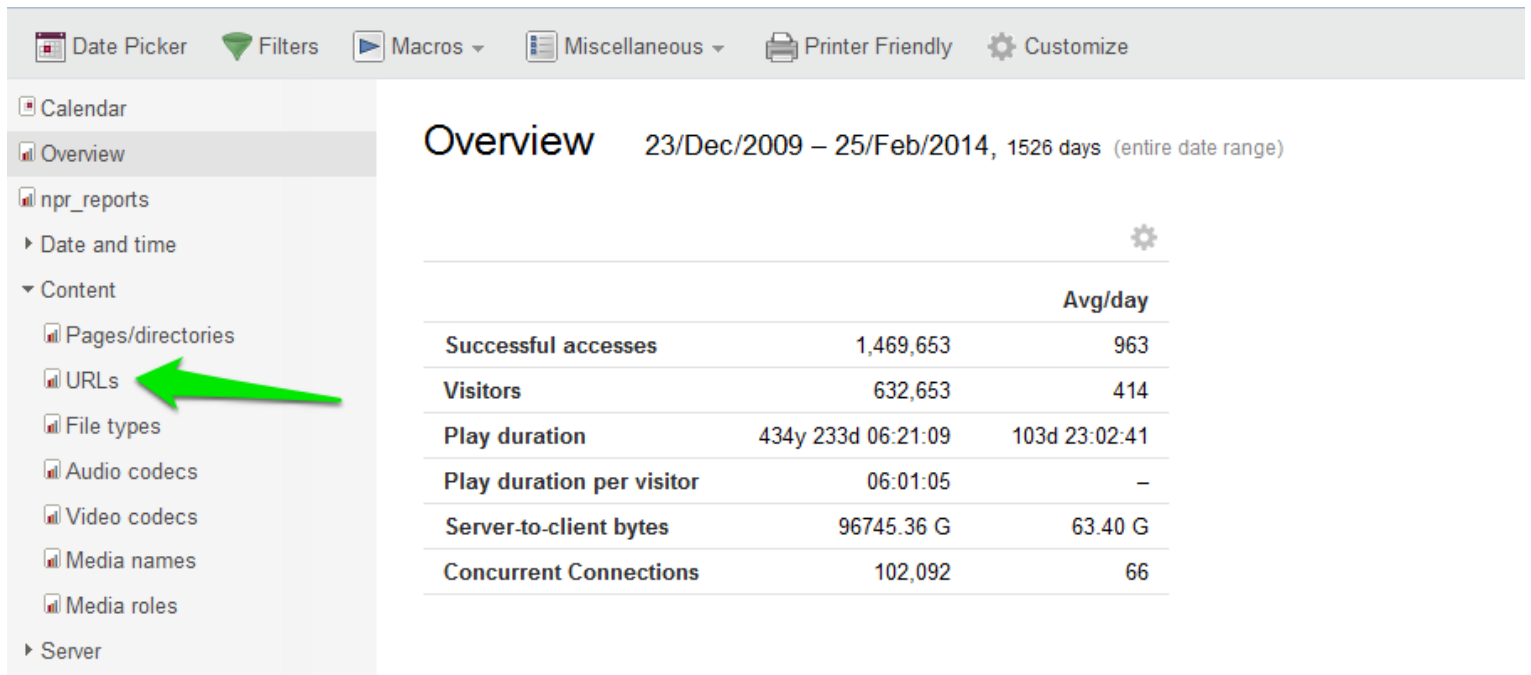
1 - 2 of 2

Stream name	↓ Play duration	Total server-to-client stream bytes	Total client-to-server stream bytes	Streams	Unique client IPs
1 video	146810:36:16 60.9 %	24671.80 G	2709.18 G	475,517	43,360
2 audio	94379:02:45 39.1 %	3733.01 G	407.36 G	1,051,660	60,398
Total	241189:39:01 100.0 %	28404.81 G	3116.54 G	-	-

## Section 2c. SGreports Filter Setup for WMS Publishing-points

This section goes over setting up a filter for a WMS publishing-point with SGreports. If you have any questions, please contact [support@streamguys.com](mailto:support@streamguys.com).

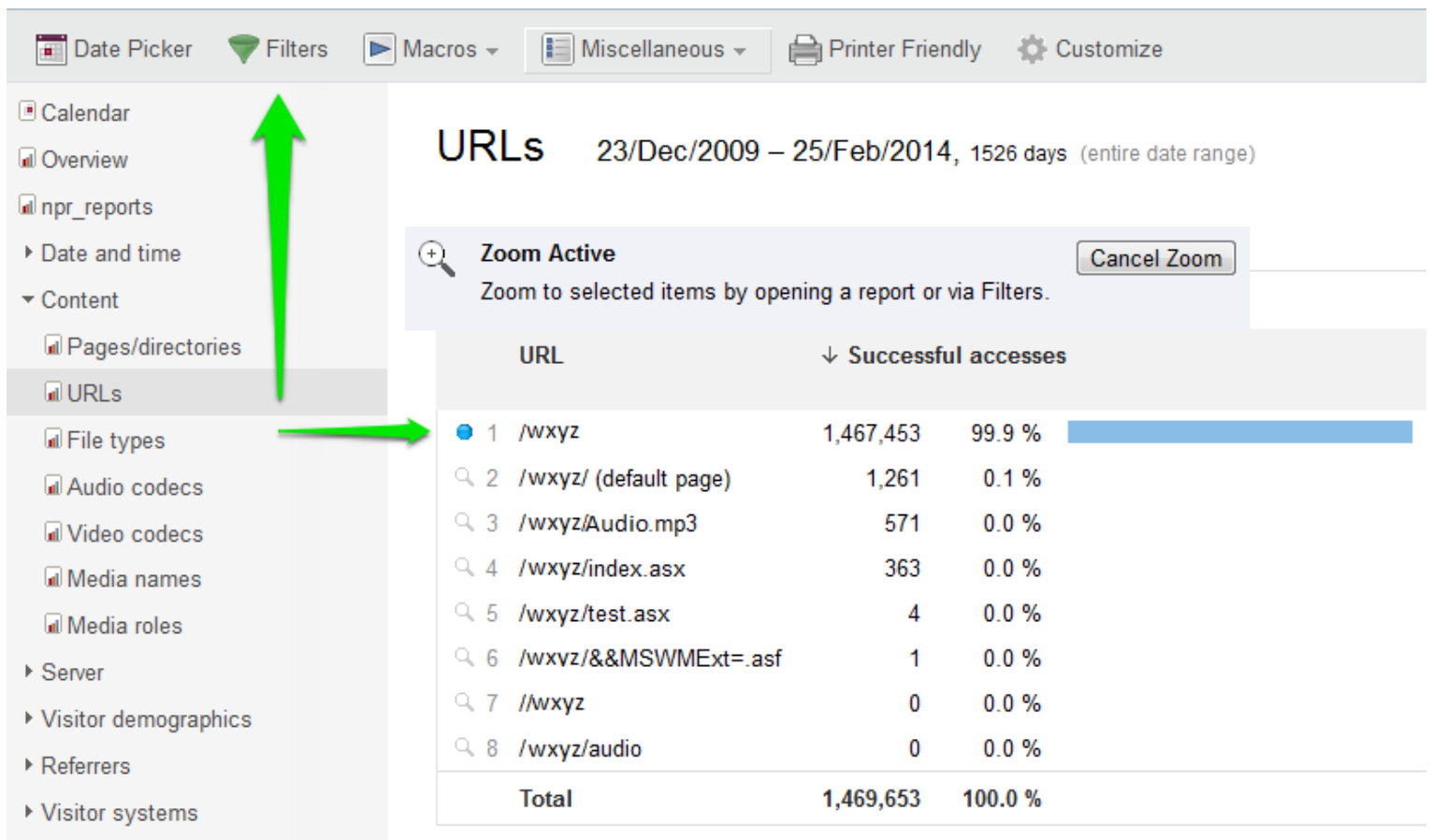
Log into your SReports manager, and select your respective WMS profile.  
Expand the Content menu item in the left column and select URLs.



The screenshot shows the SReports manager interface. The top navigation bar includes Date Picker, Filters, Macros, Miscellaneous, Printer Friendly, and Customize. The left sidebar shows a menu with 'Content' expanded, and 'URLs' selected, indicated by a green arrow. The main content area displays an 'Overview' for the date range 23/Dec/2009 – 25/Feb/2014, 1526 days. A table below shows various metrics with an 'Avg/day' column.

		Avg/day
Successful accesses	1,469,653	963
Visitors	632,653	414
Play duration	434y 233d 06:21:09	103d 23:02:41
Play duration per visitor	06:01:05	–
Server-to-client bytes	96745.36 G	63.40 G
Concurrent Connections	102,092	66

In the URLs window, select the zoom icon next to your WMS publishing-point, then click Filters in the top menu bar.

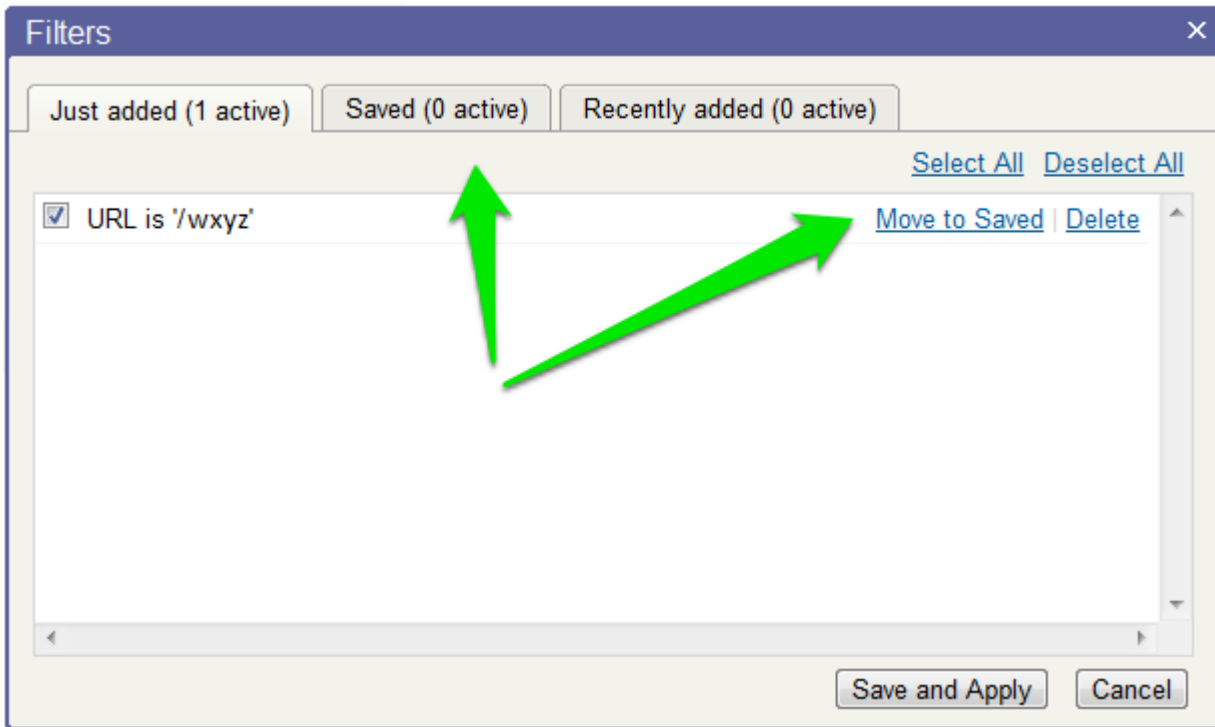


The screenshot shows the SReports manager interface with the 'URLs' window selected. A green arrow points to the 'Filters' icon in the top navigation bar. A 'Zoom Active' overlay is present, indicating that the user has zoomed into a specific item. The table below shows a list of URLs with their respective successful accesses and percentages.

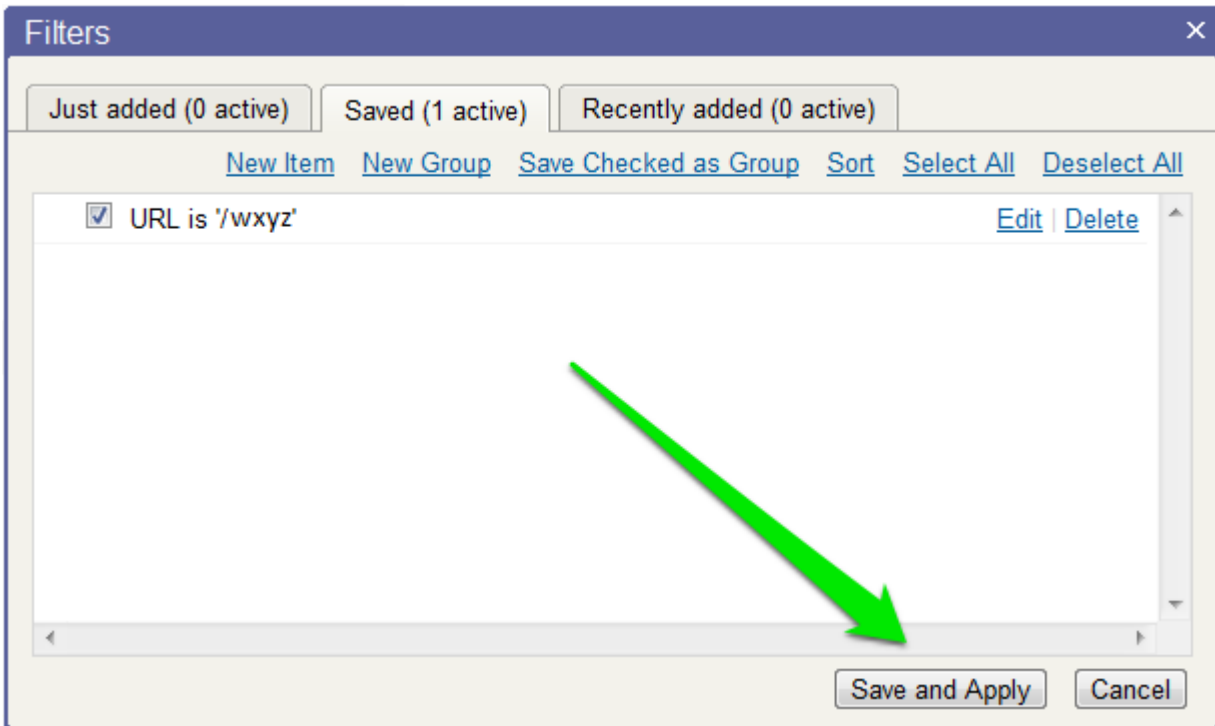
URL	Successful accesses	%
1 /wxyz	1,467,453	99.9 %
2 /wxyz/ (default page)	1,261	0.1 %
3 /wxyz/Audio.mp3	571	0.0 %
4 /wxyz/index.aspx	363	0.0 %
5 /wxyz/test.aspx	4	0.0 %
6 /wxvz/&&MSWMEExt=.asf	1	0.0 %
7 //wxyz	0	0.0 %
8 /wxyz/audio	0	0.0 %
<b>Total</b>	<b>1,469,653</b>	<b>100.0 %</b>



In the Filters dialog box, click Move to Saved, then click the Saved tab.



In the Saved tab, click the Save and Apply button.



Now the top of all your reports will indicate that a URL filter is in effect.

URLs 23/Dec/2009 – 25/Feb/2014, 1526 days (entire date range)

[Clear Filters](#)

Report is filtered and shows data for

URL is **/wxyz**

1 - 1 of 1

URL	↓ Successful accesses	Visitors	Play duration	Play duration per visitor	Server-to-client bytes
1 /wxyz	1,467,453 100.0 %	631,512	434y 158d 06:43:13	06:01:34	96696.77 G
Total	1,467,453 100.0 %	-	434y 158d 06:43:13	06:01:34	96696.77 G

## Section 2d. Filtering for ShoutCAST Stations

To verify whether a SGreports admin needs to setup a filter for your ShoutCAST station, please contact StreamGuys Support:

support@streamguys.com

<http://www.streamguys.com/support.php>

toll-free (877) 287-2938 x3

international (707) 667-9479 x3

## Section 3. Creating a NPR Report

In the left column, select npr\_report. If you do not see npr\_report, please contact support@streamguys.com.

Calendar

Overview

**npr\_report**

► Date and time

Pages

File types

Hostnames

Countries

Regions

Cities

Referrers

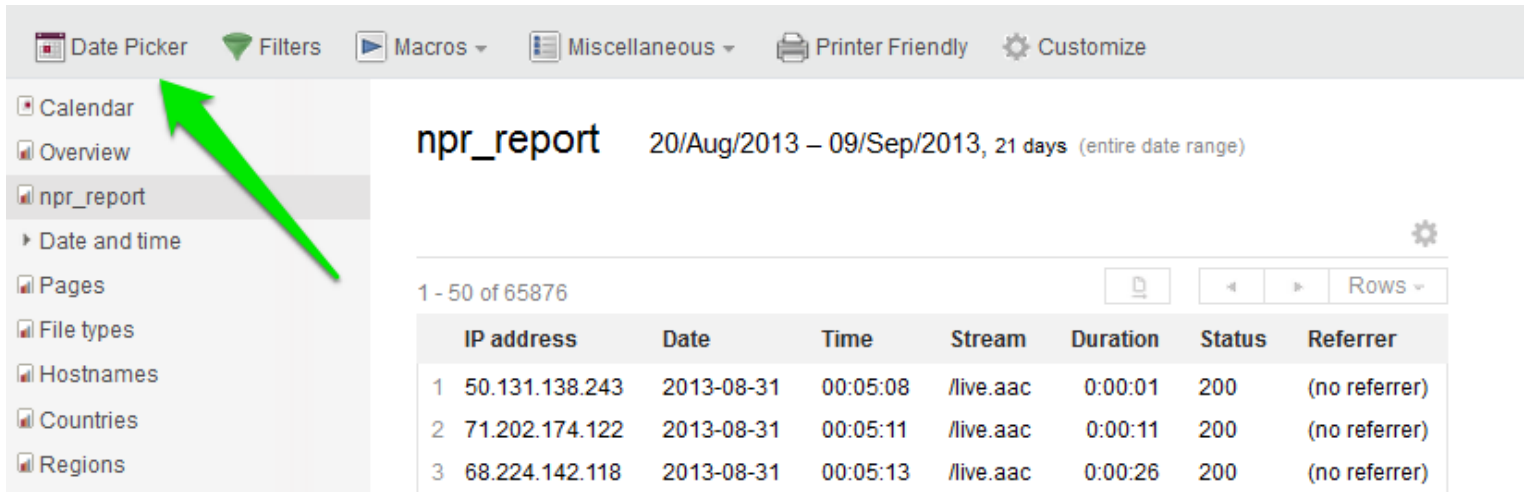
### Overview

20/Aug/2013 – 09/Sep/2013, 21 days (entire date range)

		Avg/day
Accesses	65,876	3,136
Visitors	2,934	139
Size	1154.64 G	54.98 G
Duration	42313:01:00	2014:54:20
Average duration	0:38:32	-

## Section 3a. Selecting a Date-range for Your NPR Reporting Period

NPR will assign either a specific date-range or time duration for your reporting period. To select a date-range for your report, select the Date Picker in the top menu bar.



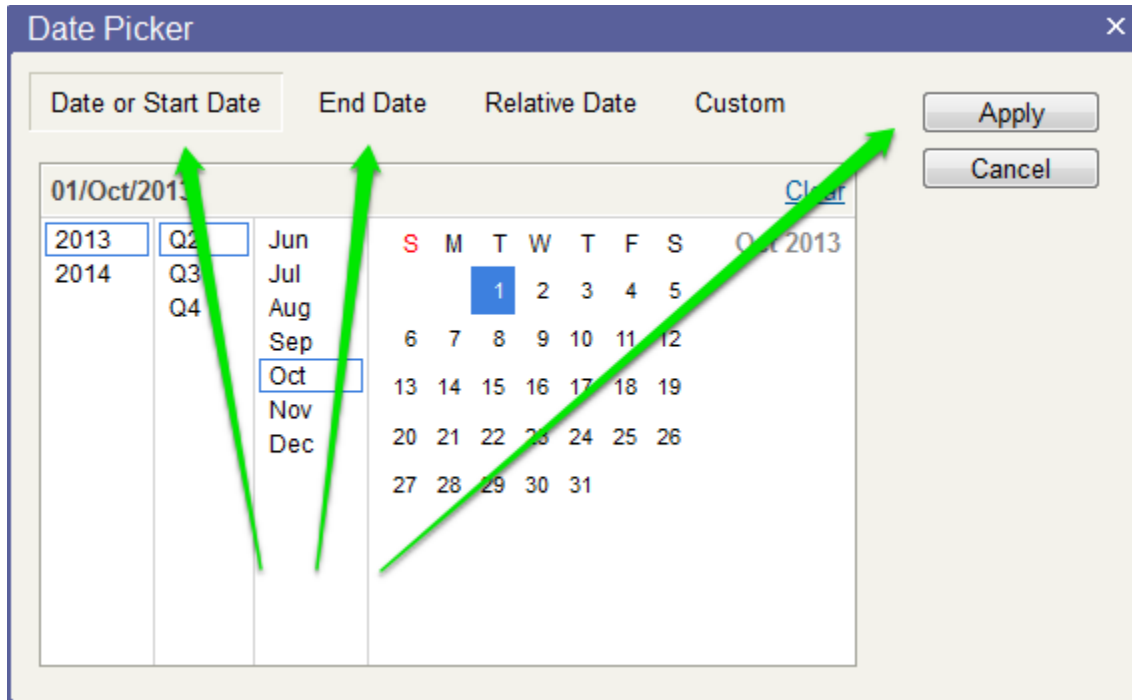
The screenshot shows the top navigation bar of the NPR reporting tool. The 'Date Picker' menu item is highlighted with a green arrow. Below the navigation bar, the main content area displays 'npr\_report' for the date range '20/Aug/2013 – 09/Sep/2013, 21 days (entire date range)'. A table below shows the first three rows of data:

	IP address	Date	Time	Stream	Duration	Status	Referrer
1	50.131.138.243	2013-08-31	00:05:08	/live.aac	0:00:01	200	(no referrer)
2	71.202.174.122	2013-08-31	00:05:11	/live.aac	0:00:11	200	(no referrer)
3	68.224.142.118	2013-08-31	00:05:13	/live.aac	0:00:26	200	(no referrer)

In the Date Picker dialog box, select the beginning and end date for your ATH report:

1. Click on “Date or Start Date” and select the beginning date for the date-range. \*
2. Click on “End Date” and select the last date for the date-range. \*
3. Click the Apply button.

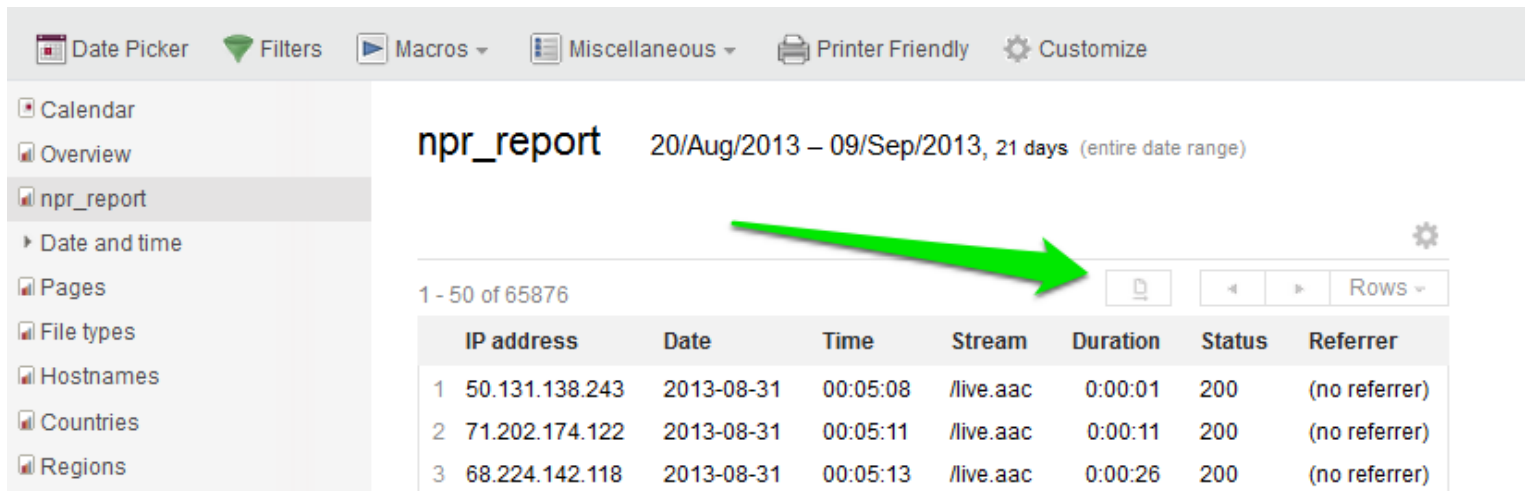
*\* Please note: Each field must have a value.*



The screenshot shows the 'Date Picker' dialog box. The 'Date or Start Date' tab is selected. The date '01/Oct/2013' is entered in the 'Date or Start Date' field. The 'End Date' field is empty. The 'Apply' button is highlighted with a green arrow. The calendar shows the month of October 2013, with the 1st highlighted in blue.

## Section 4. Exporting a Report for NPR

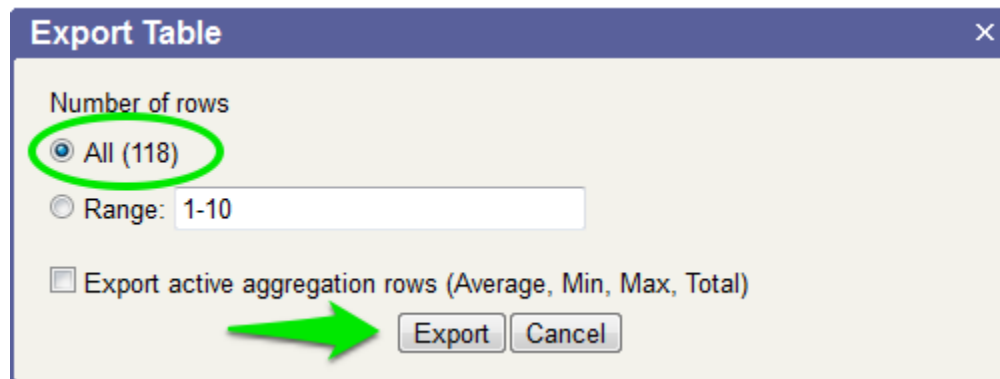
In the left column, go to your npr\_report reports section. This will open the Export Table dialog box. Make sure any filters you've created previously are checked under Filters.



The screenshot shows the npr\_report interface. The top navigation bar includes Date Picker, Filters, Macros, Miscellaneous, Printer Friendly, and Customize. The left sidebar lists various report sections: Calendar, Overview, npr\_report (selected), Date and time, Pages, File types, Hostnames, Countries, and Regions. The main content area displays the report title "npr\_report" for the date range "20/Aug/2013 – 09/Sep/2013, 21 days (entire date range)". Below the title, it shows "1 - 50 of 65876" rows. A table with 8 columns (IP address, Date, Time, Stream, Duration, Status, Referrer) displays the first three rows. A green arrow points to the "Export" button in the top right corner of the table area.

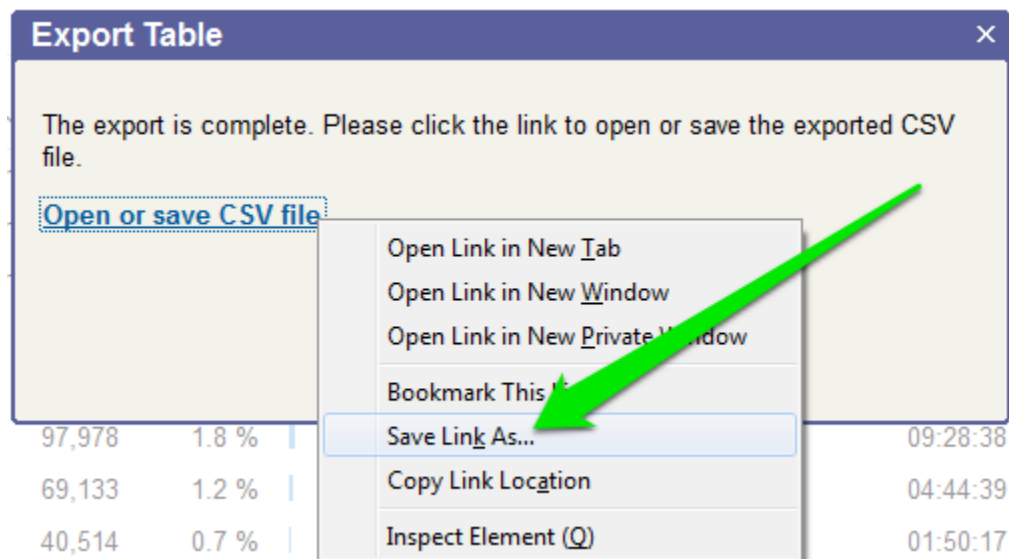
	IP address	Date	Time	Stream	Duration	Status	Referrer
1	50.131.138.243	2013-08-31	00:05:08	/live.aac	0:00:01	200	(no referrer)
2	71.202.174.122	2013-08-31	00:05:11	/live.aac	0:00:11	200	(no referrer)
3	68.224.142.118	2013-08-31	00:05:13	/live.aac	0:00:26	200	(no referrer)

In the Export Table dialog box, make sure All is selected, then click the Export button.



The screenshot shows the "Export Table" dialog box. Under "Number of rows", the "All (118)" radio button is selected and circled in green. Below it, the "Range: 1-10" option is visible. There is an unchecked checkbox for "Export active aggregation rows (Average, Min, Max, Total)". At the bottom, the "Export" button is highlighted with a green arrow.

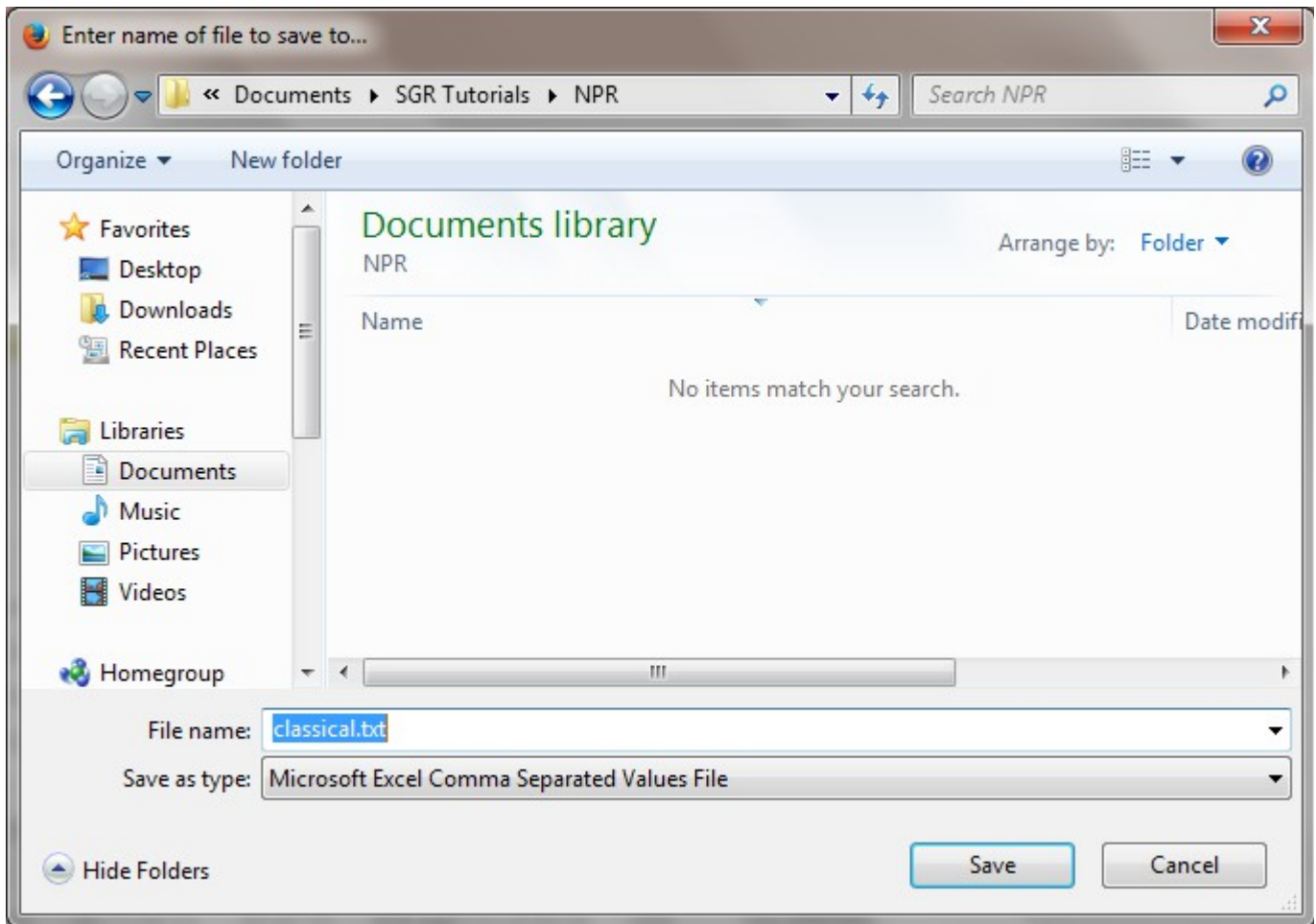
Right click the "Open or save CSV file" link, and select "Save Link As..." from the pop-up menu.



The screenshot shows the "Export Table" dialog box with a message: "The export is complete. Please click the link to open or save the exported CSV file." Below the message is a link labeled "Open or save CSV file". A context menu is open over this link, and the "Save Link As..." option is highlighted with a green arrow. The background shows a table with columns for IP address, Date, Time, Stream, Duration, Status, and Referrer.

97,978	1.8 %					09:28:38
69,133	1.2 %					04:44:39
40,514	0.7 %					01:50:17

When the save as box appears, you'll see the File type is set to "Microsoft Excel Comma Separated Values File", and the File name may have an extension of .csv. Rename this file as your station name with extension .txt as shown below, and click Save.



You're now ready to upload your report to NPR. For further instructions on uploading your reports, please contact SoundExchange NPR, <http://www.soundexchange.com/contact/>.