

NCast Gallery Server Installation and Setup Guide

The NCast Gallery Server is a video content management system which enables on-demand viewing of recorded presentations and live viewing of streams from NCast's Presentation Recorders.

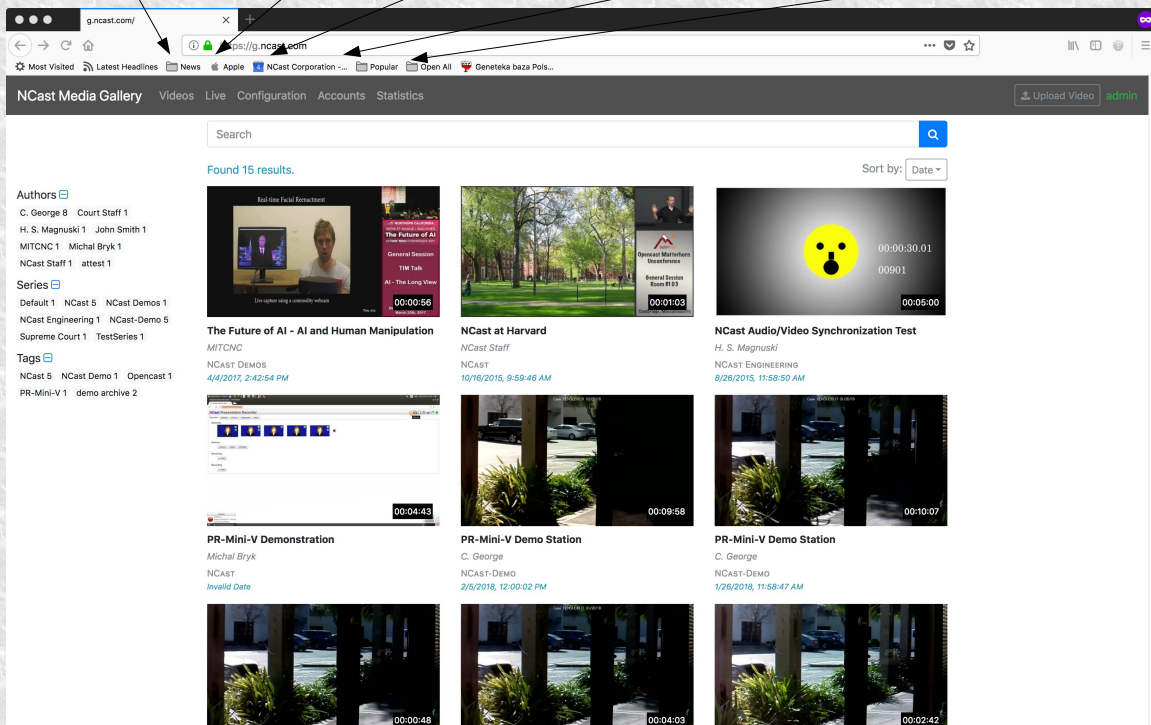
View uploaded presentations

Modify logo and branding

Check usage statistics

Watch live streams

Add creator or viewer accounts



NCast Gallery Server Recorded Video Page

Recorded video content which the viewer is entitled to see is selected by choosing the content author, video series and customizable tags. Metadata searches can further refine the selection. Three sort options are available.

Select a specific author

Choose a series

Filter by tags

Search the metadata

Sort by date, title or author

The screenshot displays the NCast Media Gallery interface. At the top, there is a navigation bar with links for 'Videos', 'Live', 'Configuration', 'Accounts', and 'Statistics', along with an 'Upload Video' button and an 'admin' link. Below the navigation bar is a search bar with the text 'Search' and a magnifying glass icon. To the right of the search bar is a 'Sort by:' dropdown menu set to 'Date'. The main content area shows 'Found 15 results.' and a grid of video thumbnails. Each thumbnail includes a title, author, series, tags, and a timestamp. The thumbnails are arranged in a grid, with some showing video player controls. The interface is clean and modern, with a dark header and a light main content area.

NCast Gallery Server

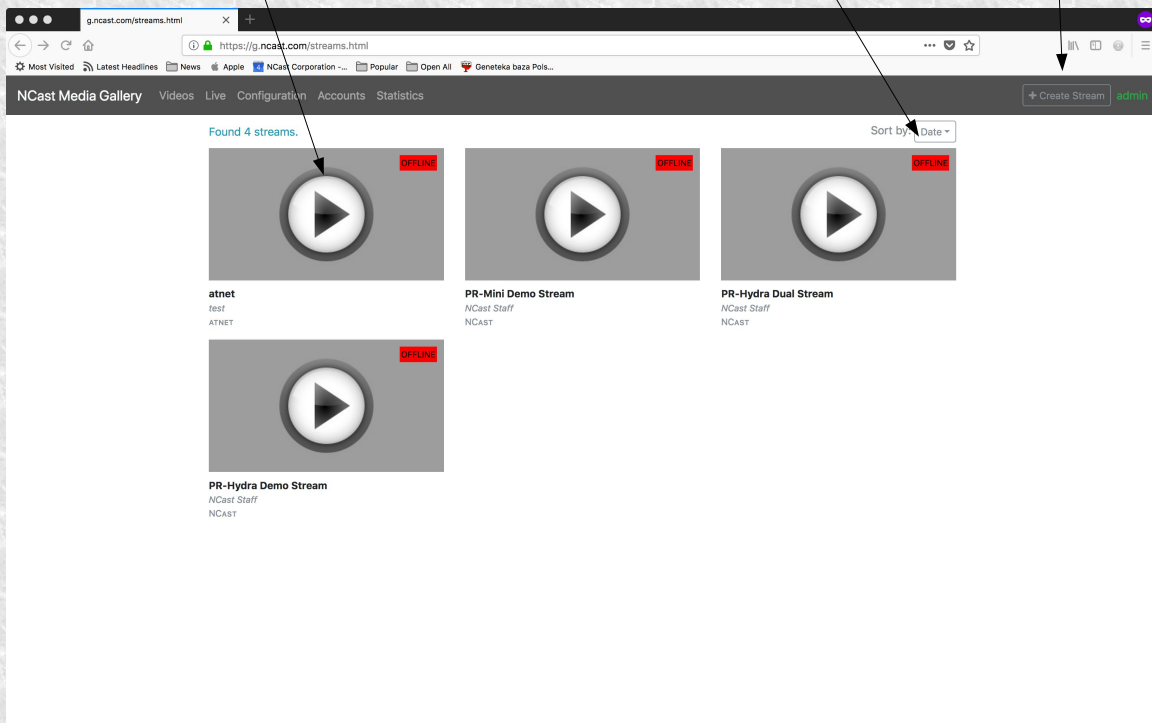
Live Streaming

The Live stream page presents the viewer with icons that represent currently ongoing live streams or streams that are scheduled for future events. If the user is an Admin, new streaming events may be created.

Click on a live stream icon to start viewing the stream (if available)

Sort by title, author or date

Create a new live-stream icon and enter configuration details



NCast Gallery Server

Dual On-demand or Live Streaming

An advanced feature of the PR-Hydra recorder and Gallery server is the ability to record and live-stream two hi-def 1920x1080 MP4 recordings. These may be synchronously played on the web page or the windows may be detached, resized and displayed on two external monitors or projection screens.

Detach buttons

Resize dual windows and arrange on primary and secondary screens

Download presenter and presentation files

The screenshot shows the NCast Media Gallery interface. The top navigation bar includes 'Videos', 'Live', 'Configuration', 'Accounts', and 'Statistics'. The main content area features a video player on the left showing a monkey and a clock, and a presentation overview on the right. The video player has a 'Detach' button below it. The presentation overview has a 'Detach' button below it. To the right of the presentation overview is a control panel with buttons for 'Download Presenter', 'Download Presentation', 'Edit', 'Unpublish', and 'Remove'. Arrows from the callouts point to these elements: 'Detach buttons' points to the 'Detach' buttons; 'Resize dual windows and arrange on the primary and secondary screens' points to the video player and presentation overview; 'Download presenter and presentation files' points to the 'Download Presenter' and 'Download Presentation' buttons.

NCast Media Gallery Videos Live Configuration Accounts Statistics

NCast Lecture/Presentation Capture Overview

Schedule, Capture, Publish, Distribute and View the Meeting or Classroom

NCast has a solution for your presentation needs

DUAL

Tags: Dual PR-Hydra

Runs for 25 seconds

Created at 5/3/2018, 7:51:50 AM
Uploaded at 5/3/2018, 7:52:32 AM
Modified at 5/3/2018, 7:57:10 AM

Download Presenter

Download Presentation

Edit

Unpublish

Remove

PR-Hydra Dual Stream Recording

C. George

A dual stream capture from the PR-Hydra recorder. Demonstrates two-window playback.

NCast Media Gallery Videos Live Configuration Accounts Statistics admin

Mozilla Firefox

https://g.ncast.com/player-1.html?id=5aeb222ba27ad

Mozilla Firefox

https://g.ncast.com/player-2.html?id=5aeb222ba27ad

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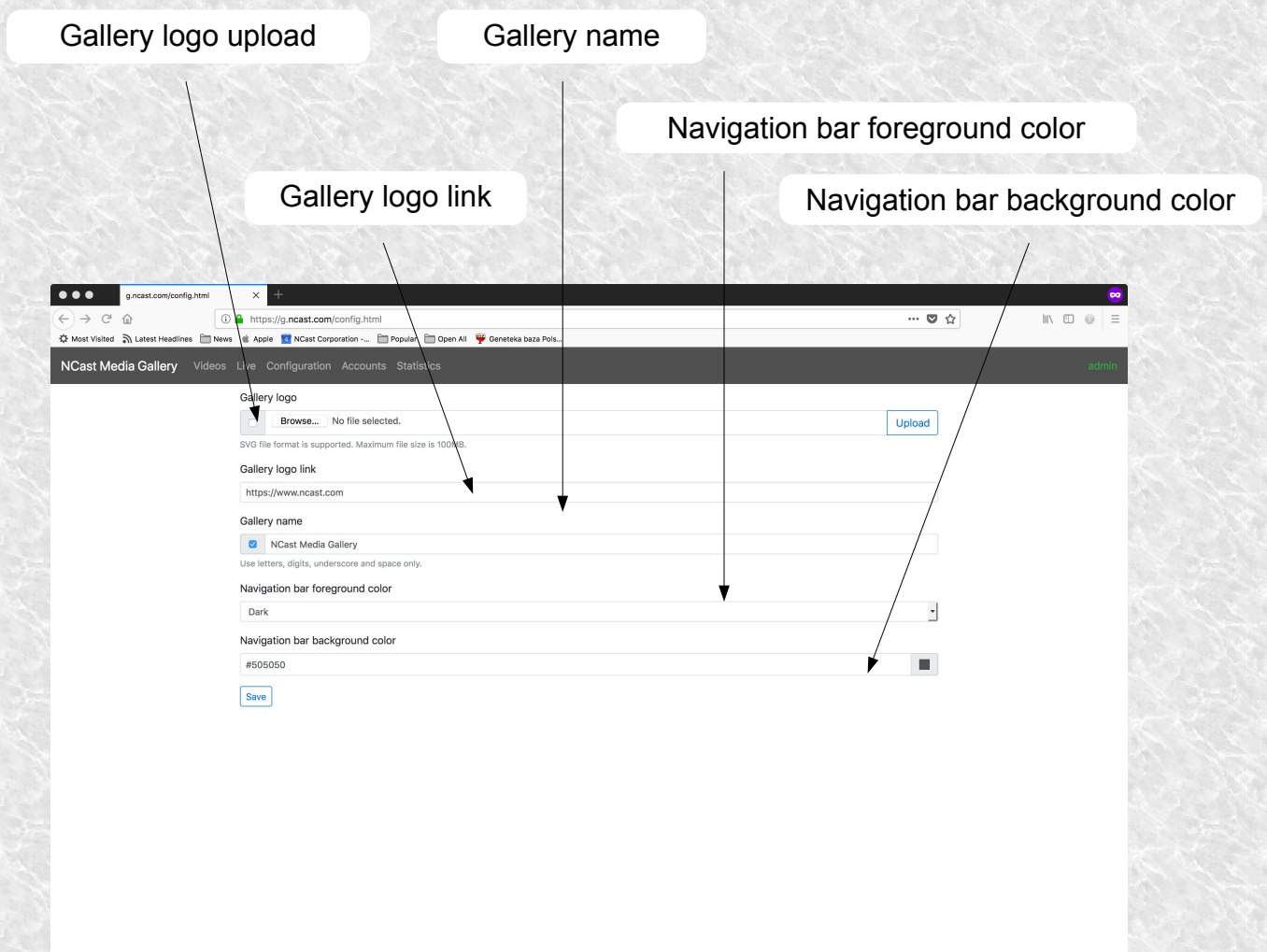
Runs for 25 seconds

Mozilla Firefox

NCast Gallery Server

Configuration of Logos and Branding

For administrators, the Configuration page allows the modification of the logos, look and feel of the server pages. Five elements may be altered.



NCast Gallery Server

Managing Accounts

Every user requires an account for access to the server. There are three types of accounts: administrator, creator and viewer. The administrator has full access to all capabilities of the server. The creator is a person uploading and managing videos. The viewer can only view videos.

Change the password, edit or remove an account

Create a new account and enter account details

Sort accounts by type, username, full-name, email or date

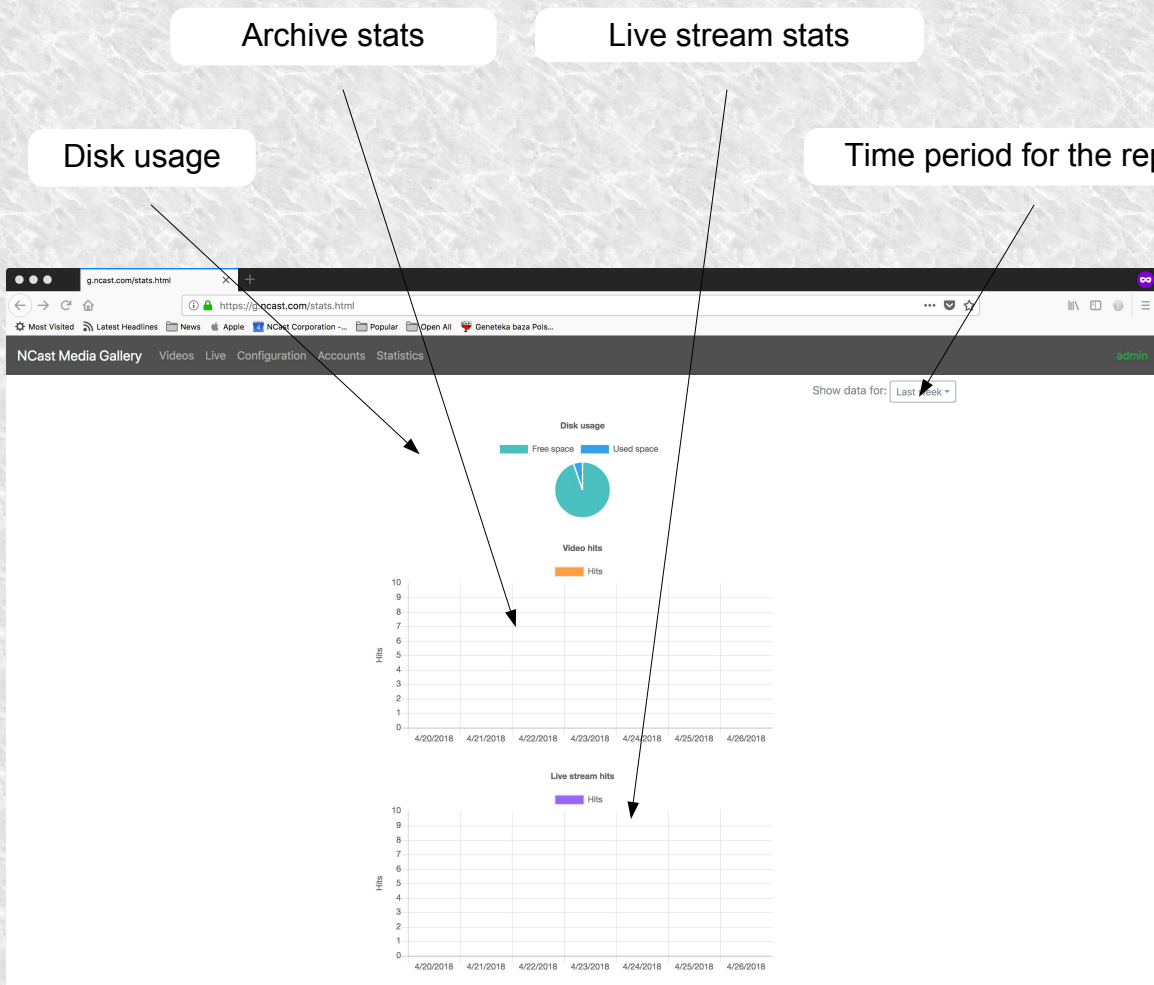
List of accounts for this server

The screenshot shows the 'Accounts' page of the NCast Media Gallery. The page has a navigation bar with 'Videos', 'Live', 'Configuration', 'Accounts', and 'Statistics'. A 'Create Account' button and the user 'admin' are visible in the top right. A table lists the accounts, and a 'Sort by' dropdown menu is set to 'Username'.

Username	Type	Full name	E-Mail	Created	Action
admin	ADMIN	Gallery Admin	admin@ncast.com	1/2/2016, 11:52:51 AM	Action
creator	CREATOR	Gallery Creator	creator@ncast.com	4/10/2016, 12:14:44 PM	Action
viewer	VIEWER	Gallery Viewer	viewer@ncast.com	4/10/2016, 12:12:44 PM	Action

NCast Gallery Server Statistics

The Statistics page provides some basic information on the activity of the server.



NCast Gallery Server Recorder Setup - Configuration

NCast's Presentation Recorders can be configured to automatically upload recorded events to the server. Two steps are required. The first is to configure the server's address and credentials in the recorder. The second is to configure a Channel to upload to the server after an archive is ready.

On the recorder's web page go to the Configuration tab and bring up the Content Server menu. Enter the address and password for the server.



The screenshot displays the NCast Presentation Recorder web interface. At the top, the title "NCast Presentation Recorder" is shown in a grey header. Below the title is a navigation bar with tabs for "Quick Start", "Channels", "Archives", "Configuration", and "Status". The "Configuration" tab is selected. The main content area is titled "Content Server" and contains two sub-tabs: "Media Gallery" and "Opencast". The "Opencast" tab is active, showing a form with three input fields: "Server:" with the value "g.ncast.com", "Username:" with the value "admin", and "Password:" with the value "Password123". Below the form is an "Apply" button. On the left side of the "Content Server" panel, there is a vertical sidebar with four icons: a person icon, a clock icon, a globe icon, and a blue sphere icon.

NCast Gallery Server

Recorder Setup - Channel

Next, editing a Channel will allow the user to setup default metadata for the recording. This metadata may be overridden by serial commands or via the Archive web page interface. The Series will control which viewers are allowed to see the recording.

Set recording filename
[%Y%m%d-%H%M%S-%n]
Set recording title
Channel 1
Set recording presenter
Presenter
Set recording series
Default
Set recording description
Set recording tags
Set max recording time (in minutes)
600
Auto start recording on this channel?

Add hint tracks to MP4 file?

Optimize MP4 file layout?

Enable Final Cut compatibility fix?

Enable blackout on pause & resume?

Previous Next

Information such as title and presenter will appear next to the viewing icon

Choose a series

Tags will refine the search and sort



Edit Channel - Upload
Automatically upload recordings?

When to start uploading?
Immediately
Remove recording after upload is finished?

Primary Secondary
Set upload method
NCast Gallery Connection Test
Publish recordings?

Previous Next

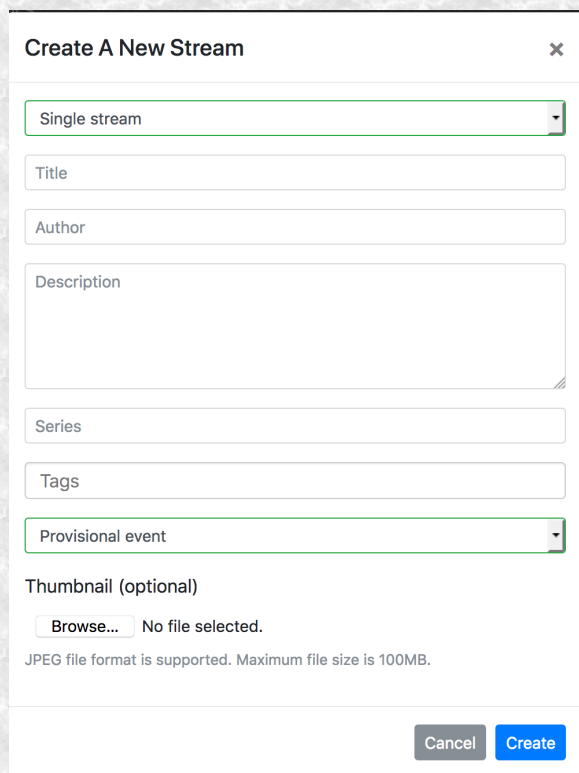
There is a choice for a primary and secondary upload of the archive file, e.g., a main server and backup

Choose NCast Gallery for upload

Published recordings appear immediately on the Videos page. If not published they will be held for review by the administrator

NCast Gallery Server Live Streaming Server Setup

Live streaming a presentation or event requires two setup activities. One at the recorder which will be broadcasting the event and one at the server to setup an icon for future viewers to access. For server setup, go to the Live tab and click “Create Stream”. Enter the information requested. The “Dual Stream” selection only applies to dual stream recorders such as the PR-Hydra. A “Provisional” event is a one-time activity and the icon disappears after use. A “Planned” event is for an activity at a specific time in the future. An “Ongoing” event is for continuing daily or weekly use.



The screenshot shows a web form titled "Create A New Stream" with a close button (x) in the top right corner. The form contains the following fields and options:

- A dropdown menu currently set to "Single stream".
- A text input field for "Title".
- A text input field for "Author".
- A larger text area for "Description".
- A text input field for "Series".
- A text input field for "Tags".
- A dropdown menu currently set to "Provisional event".
- A "Thumbnail (optional)" section with a "Browse..." button and the text "No file selected." Below this, it states "JPEG file format is supported. Maximum file size is 100MB."
- At the bottom, there are "Cancel" and "Create" buttons.

Single stream or dual stream
(presenter + presentation)

Title, author, series and tags
allow for searching and sorting

Filter by tags

Provisional, Planned or Ongoing
choice for the live stream

Upload a cover graphic for the
icon

NCast Gallery Server Live Streaming Recorder Setup

The recorder must be setup for “RTMP Streaming” to an external server. When further stepping through the Channel edit there will be a window asking for live-stream information. Click on the live-stream icon just created and on the right there will be a “Config” button. Click on this button to get the credential information required to live stream to the server.

