

## Varsity Sports - Streaming Migration

10/27/2025

### Objective:

Find out what the old server used to stream and see if it can be moved over to the new server. Create an implementation plan for integrating new service into the website, and apps for ios and android.

### Prior Implementation:

Livestreams were handled by a dockerized RTMP server deployed on the Azure VM, which was used to ingest video streams. Use an [Node.js](#) microservice to verify RTMP stream keys against user data in the database.

Implementation will be done using Dacast as the primary service as the old streaming service was using Azure, which is being moved away from. Dacast will be used by starting with a free trial to make sure it can work properly.

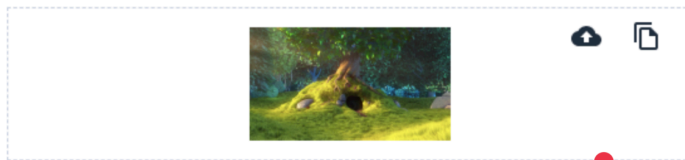
### Video Implementation:

If Dacast is also going to be used for any videos or vods, then implementation would be through taking embed codes that are generated on the website, then implementing them into the code through html level

### Images

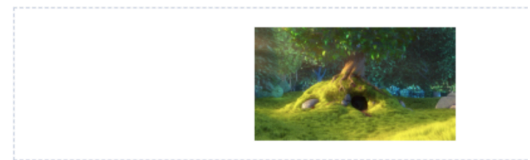
Upload image assets for your content.

#### Splashscreen ⓘ



Minimum 480px x 480px, formats: JPG, PNG, SVG, GIF

#### Thumbnail ⓘ



Always 160px x 90px, formats: JPG, PNG, SVG, GIF

### Sharing

The Embed Code can add content to your website and the Share Link can be shared on social media.

Copy JavaScript Embed Code



Copy iFrame Embed Code



Copy Share Link



Copy Content ID



Copy Download Link



Copy M3U8 Link

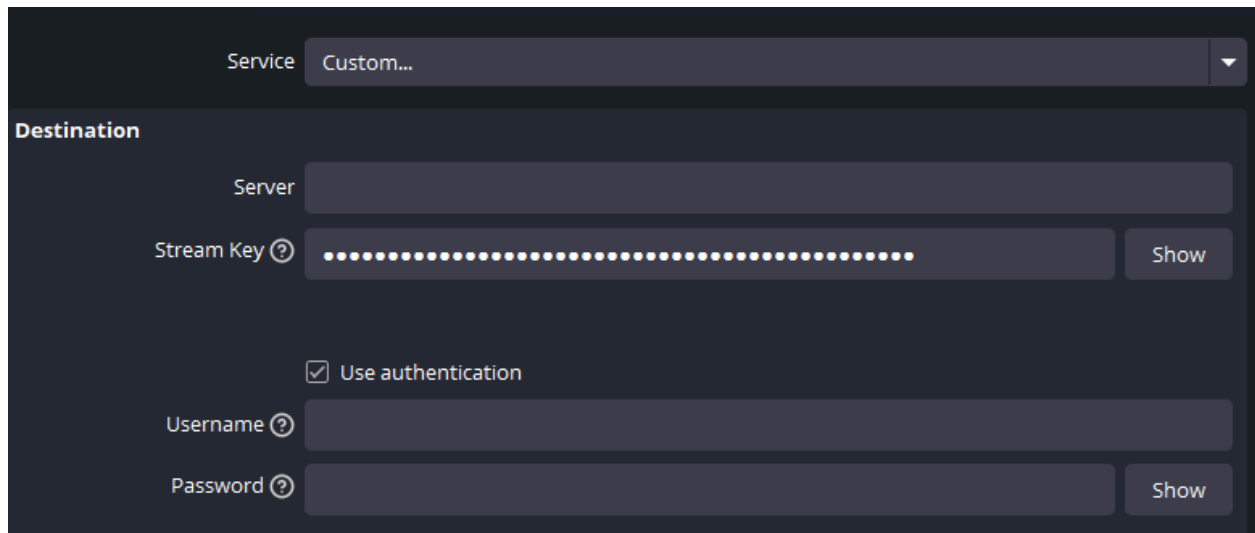


## Live Stream Implementation:

OBS [RMTP] -> Dacast Ingest Server [HLS] -> Dacast CDN delivery [iframe embed] -> Website

For livestreams, Dacast has built in live stream features and when accessing the tab, you can click create live stream where you will be given information for url, stream name, username and password.

If using OBS as broadcasting software, then click on settings and then enter custom service where you will paste your server and stream key (username and password too if needed)



The screenshot shows the 'Destination' settings in OBS. At the top, the 'Service' dropdown is set to 'Custom...'. Below this, the 'Destination' section contains the following fields:

- Server:** A text input field.
- Stream Key:** A text input field with a question mark icon and a 'Show' button to its right.
- Use authentication:** A checkbox that is checked.
- Username:** A text input field with a question mark icon.
- Password:** A text input field with a question mark icon and a 'Show' button to its right.

Then use generated embed code to implement into website

## Paywall/Authentication (optional)

Dacast also contains options for a paywall and authentication which has the option to be utilized if other services are not used for it



## Monetize your content with a paywall

A video paywall for monetization gives your business complete control of your prices. You can keep your paywall low and accessible or charge a high-ticket fee for your content. It's entirely up to you. [Learn more](#)

To get started, you'll need to upgrade your plan or request this feature.

[Request Feature](#)

[Upgrade and unlock it](#)