

Using Falcon with OBS

As one of the most popular streaming encoders, the free and open source OBS Studio is being used by more content producers for its easy and affordable streaming media workflow. OBS can stream easily to YouTube, Twitch, Facebook Live, and more. EEG Video's Falcon Live Streaming RTMP Encoder makes it equally easy to add closed captioning for OBS.

OBS links Falcon and the streaming platform destination through the use of an RTMP Ingest URL and Stream Key. In this workflow, OBS sends the video source to Falcon where the video gets captions embedded. Next, the video with the embedded captions are returned to Falcon and sent to the stream's destination. Read this quick tutorial to learn how to get started with OBS and Falcon.

Setting up OBS and Falcon

- 1) Connect your video source to OBS.
- 2) Log in to your account at eegcloud.tv.
- 3) Select **Falcon** at eegcloud.tv/dashboard.
- 4) Click **Create New Falcon**.

After creating your Falcon instance, you are supplied with an **RTMP Ingest URL and Stream Key**. **Copy and paste** them into the Streaming Media Encoder—in this case, OBS. Take the following steps to complete that process:

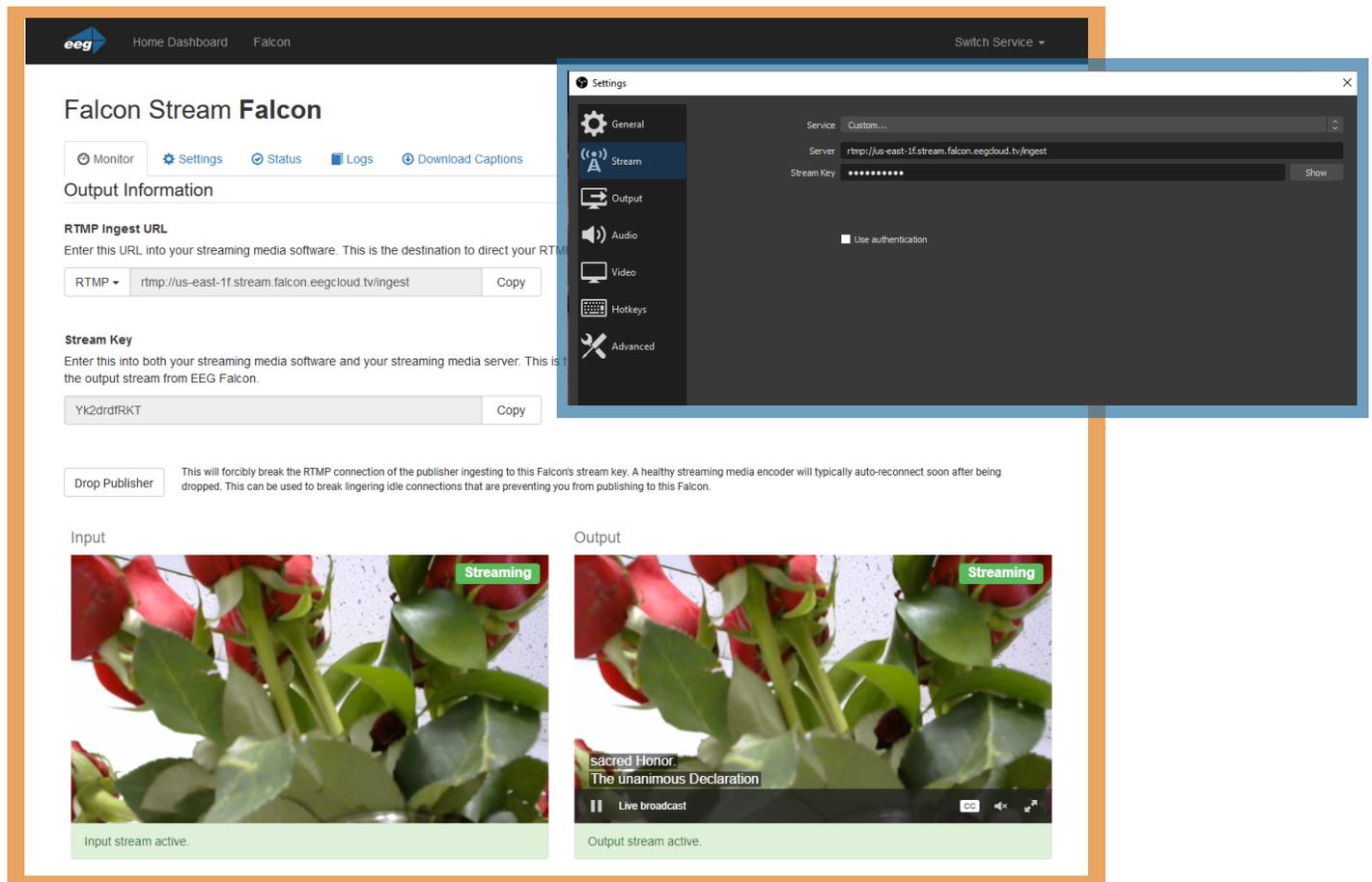
Connecting OBS to Falcon

- 1) In OBS, navigate to **Settings**.
- 2) Click **Stream**.
- 3) Paste the copied RTMP Ingest URL into the **Server** field.
- 4) Paste the copied Stream Key into the Stream **Key** field.
- 5) Click **Apply** and then **OK**.
- 6) Click **Start Streaming** to complete this process.

This will now send your video source to Falcon to be captioned by your choice of EEG's **Lexi Automatic Captioning** service or by human captioners. The caption data is embedded by Falcon, then returns to the stream displaying captions.



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The screenshot displays the EEG Falcon web interface. At the top, there are navigation links for "Home Dashboard" and "Falcon", and a "Switch Service" dropdown. The main heading is "Falcon Stream Falcon". Below this, there are tabs for "Monitor", "Settings", "Status", "Logs", and "Download Captions".

The "Settings" window is open, showing the "Stream" tab. The "Service" is set to "Custom...", the "Server" is "rtmp://us-east-1f.stream.falcon.eegcloud.tv/ingest", and the "Stream Key" is "Yk2drdFRKT". There is a "Show" button next to the stream key. The "Use authentication" checkbox is unchecked.

Below the settings, there is a "Drop Publisher" button and a warning message: "This will forcibly break the RTMP connection of the publisher ingesting to this Falcon's stream key. A healthy streaming media encoder will typically auto-reconnect soon after being dropped. This can be used to break lingering idle connections that are preventing you from publishing to this Falcon."

At the bottom, there are two video preview windows. The "Input" window shows a live video feed of red flowers with a "Streaming" indicator and the text "Input stream active." below it. The "Output" window shows the same video feed with a "Streaming" indicator and the text "Output stream active." below it. The output window also displays a video player interface with a "sacred Honor. The unanimous Declaration" caption and a "Live broadcast" indicator.

The video and captions will then be displayed in the **Input and Output** windows in Falcon, and should appear on your destination. *You must click the “CC” icon in Falcon in the Output window to see captions in Falcon.*

Captions can be viewed on most web players, mobile device and VOD recordings that support 608/708 embedded closed captions.

Captioning streaming content created with OBS is easy with Falcon from EEG.
Vist [EEG Cloud](#) to get started!

