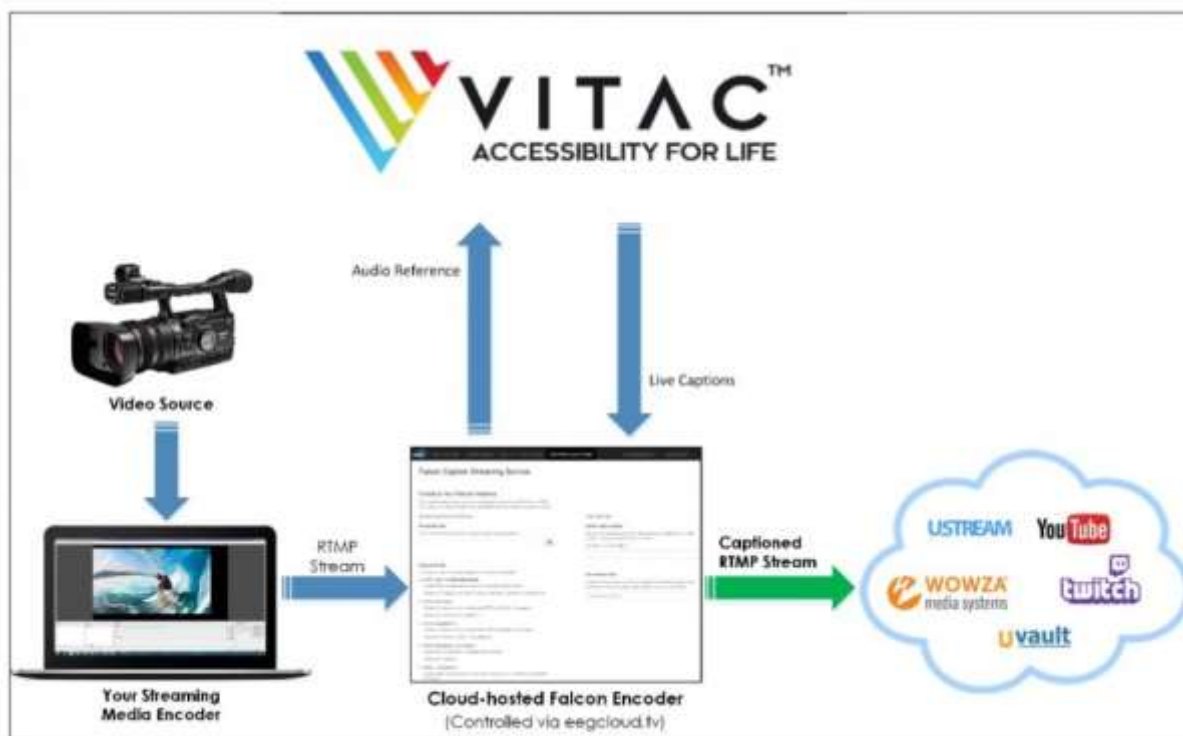


FACEBOOK LIVE CAPTIONING

VITAC recommends our clients purchase a license for Falcon, a cloud-hosted caption encoder from EEG Enterprises. The service offers two different options for streaming to Facebook. We recommend utilizing an RTMP stream over the HTTP stream; instructions for both are below.

*RTMP STREAM:

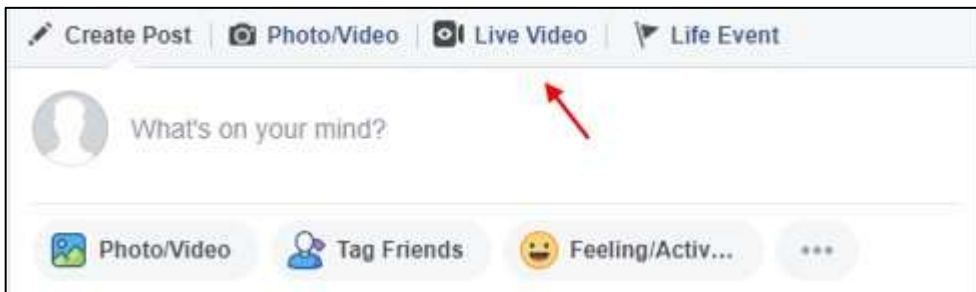
This method receives your live video stream, provides an audio reference to the captioner via iCap, encodes incoming live caption data in the stream, and delivers the fully captioned video to Facebook Live.



RTMP Falcon Workflow

*Using this method, we have seen delays and strange onscreen spacing issues (there is a box between words in Chrome, for example), but it is widely used by networks and live video producers.

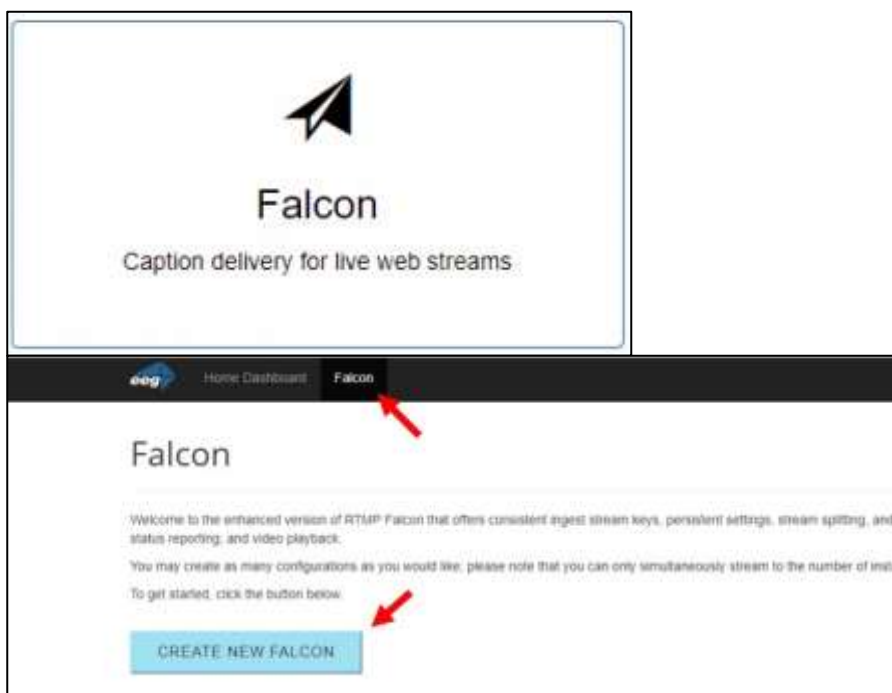
1. On your Facebook profile page, under “Create Post” located near the center, select “Live Video”.



2. Under the “Connect” Tab, you will find both your Server URL and Stream Key to add in Falcon.

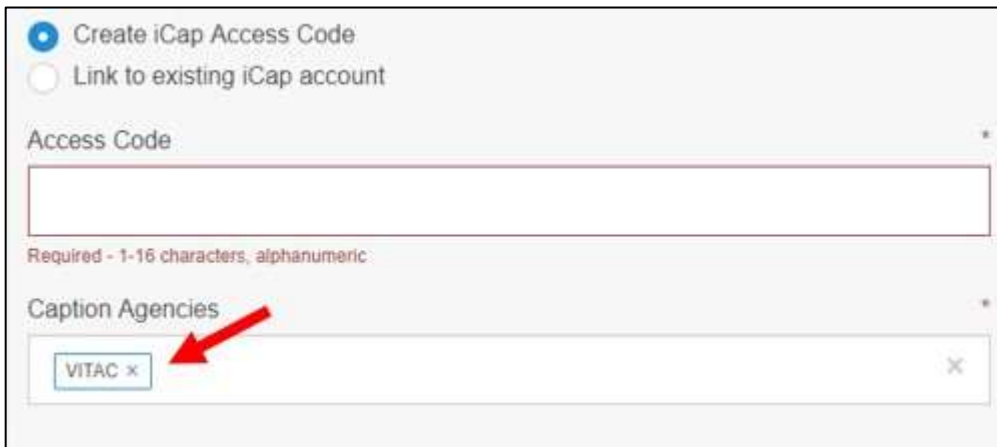
Note: When possible, we recommended using a backup or persistent stream key.

3. Log into Falcon and select “Falcon,” then “Create New Falcon”.



4. Enter a unique name to identify this Falcon instance.

5. In order for VITAC to caption your event, we will need an iCap access code created. The access code is a unique key that identifies an encoder or group of encoders and allows your captioner to caption to your stream (1-16 characters, alphanumeric.) 6. Select “VITAC” as the caption agency.



Create iCap Access Code
 Link to existing iCap account

Access Code *

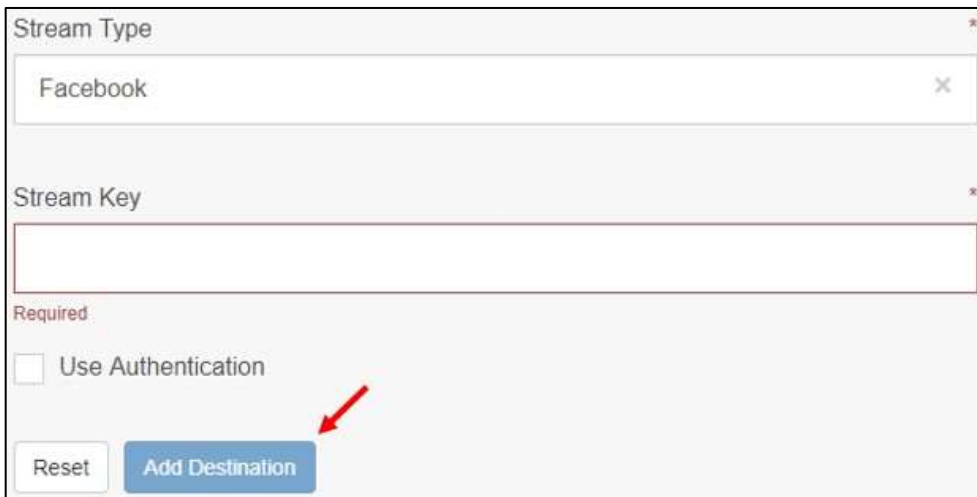
Required - 1-16 characters, alphanumeric

Caption Agencies *

VITAC x

7. Enter “Facebook” as the Stream Type.

8. Enter your Stream Key from Facebook and select “Add Destination.”



Stream Type *

Facebook x

Stream Key *

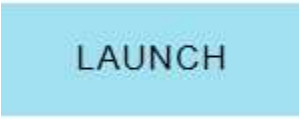
Required

Use Authentication

Reset Add Destination

9. Tags – These additional labels categorize the Falcon instance using simple keywords (Optional.)

10. Once the above steps are completed, select “Launch”. This will bring you to the Falcon Stream Dashboard.



LAUNCH

11. This dashboard presents the Falcon RTMP Ingest URL, as well as Stream Key.

- a. RTMP Ingest URL – This is the destination to direct your RTMP stream for use with EEG Falcon and iCap.
- b. Stream Key – This Stream Key is needed to push your source stream to EEG Falcon, as well as pull the output stream from EEG Falcon.

HTTPS STREAM:

This method delivers caption text data to your streaming endpoint, at which point the streaming service provider merges it with the video. This works best with Wowza, in conjunction with the free [EEG Wowza Server plugin](#), downloaded and installed on your Wowza server:

RTMP Ingest URL

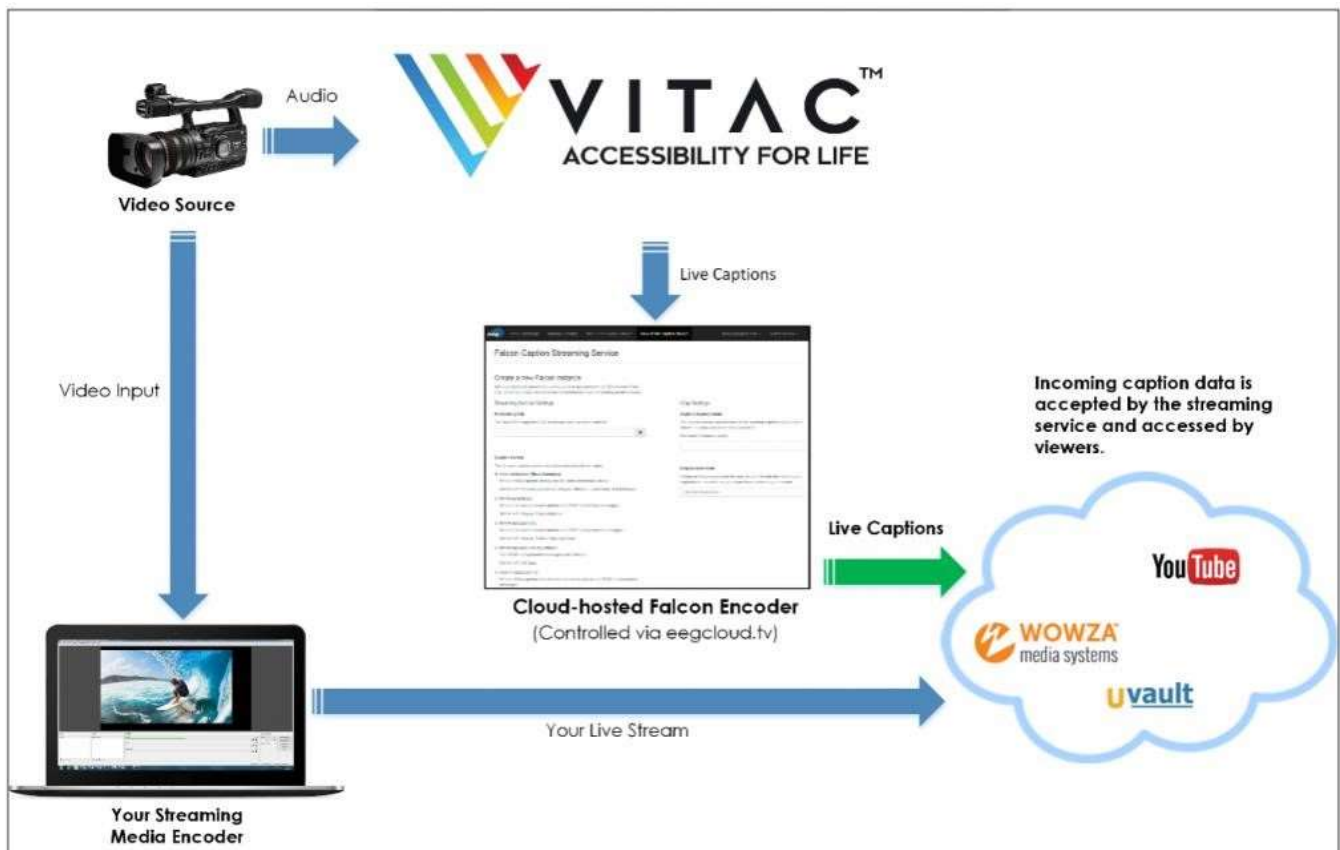
Enter this URL into your streaming media software. This is the destination to direct your RTMP stream for use with

RTMP ▾
rtmp://us-east-1f.stream.falcon.eegcloud.tv/ingest
Copy

Stream Key

Enter this into both your streaming media software and your streaming media server. This is the Stream Key that is the output stream from EEG Falcon.

H757kN25Gp
Copy



HTTP Falcon Workflow

1. On the Falcon home page, select “Falcon Classic.”



2. On the Falcon Classic page, select “New HTTP Falcon.”



3. Select the Streaming Service Provider that we will be using, which is Wowza.
4. Enter your “Caption Ingestion (POST) URL” that Wowza uses to associate your captions with your video stream.

Example: http://127.0.0.1:1935/captionuplink?stream-name=example_stream

5. Wowza allows the added security of associating a username and password with their stream. Select “no” if you are not using this feature.
6. Choose VITAC as your caption service provider.
7. In order for VITAC to caption your event, we will need an iCap access code created. The access code is a unique key that identifies an encoder or group of encoders and allows your captioner to caption to your stream (1-16 characters, alphanumeric.)

New HTTP Falcon

Falcon Settings

Streaming Service Provider
The video streaming service that your captions will be directed to.

YouTube
 Wowza
 UVault
 Custom Word-by-Word

POST URL
Also known as *Caption Ingestion URL*. The URL that your streaming service uses to associate your captions with your video stream.

Does your caption collection endpoint require HTTP Authentication or otherwise require stream credentials in the body of HTTP requests?

No
 Yes

[Optional Display Settings](#)

iCap Settings

Caption Agency Name
The caption service provider that will be sending captions to your video stream. If using Lexi select "EEG Lexi ASR".

Not listed? [Contact support](#).

Access Code
Create an iCap Access Code for your stream. Provide this code to your captioner or Lexi after setup to grant them access to your stream.

How are you sending audio to your captioner?

iCap Webcast Audio
 Other

The iCap Webcast Audio software download and credentials are provided by EEG Support. Enter the username to send audio reference to your captioner.

Auto-generate test captions before captioner starts?

Yes No

[Optional iCap Settings](#)

HTTP Falcon setup page

Note: Captions work best when displayed one line at a time, an option in the “Optional iCap Settings” found at the bottom right of the setup page.

At the time of the event, our captions stream to your Falcon instance and then to Facebook Live.