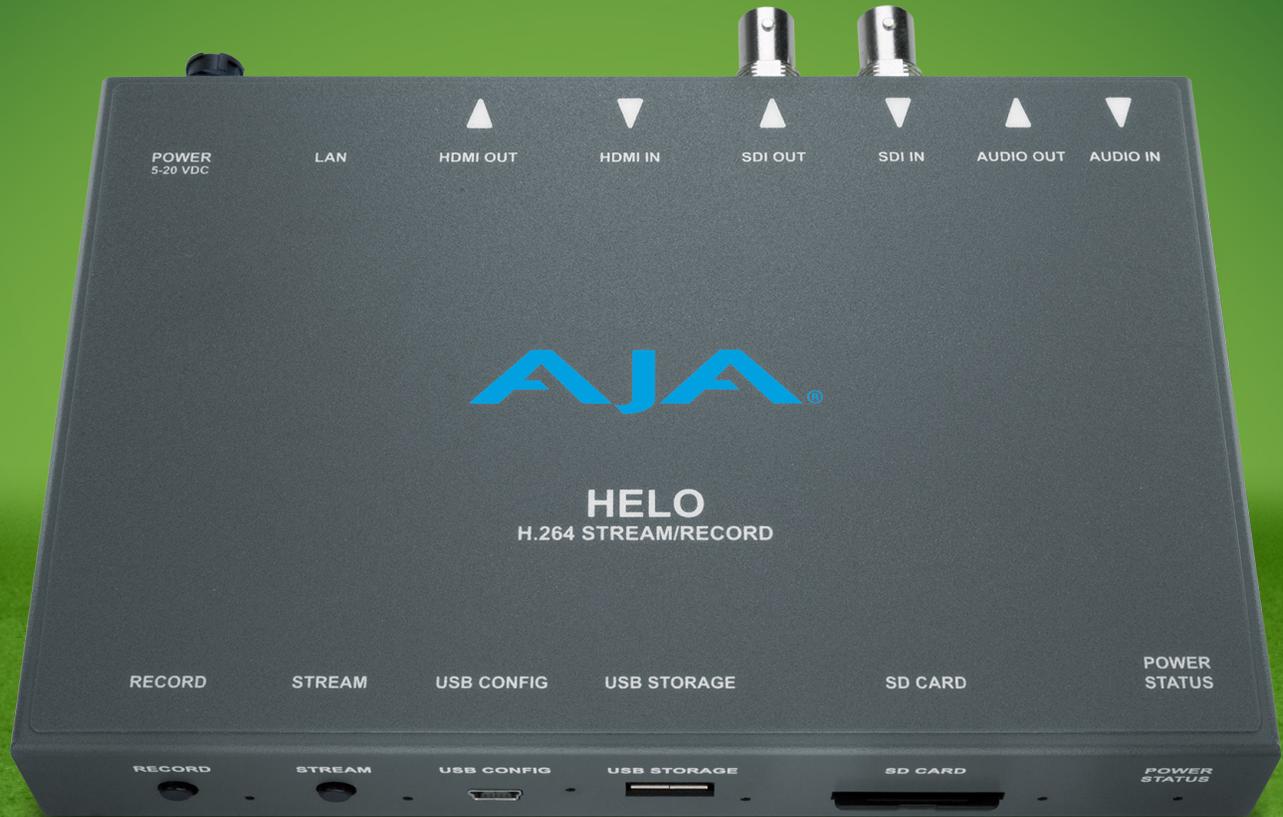


HELO



Stream to Multiple Destinations
Simultaneously with a Single HELO
via Restream.io

HELO



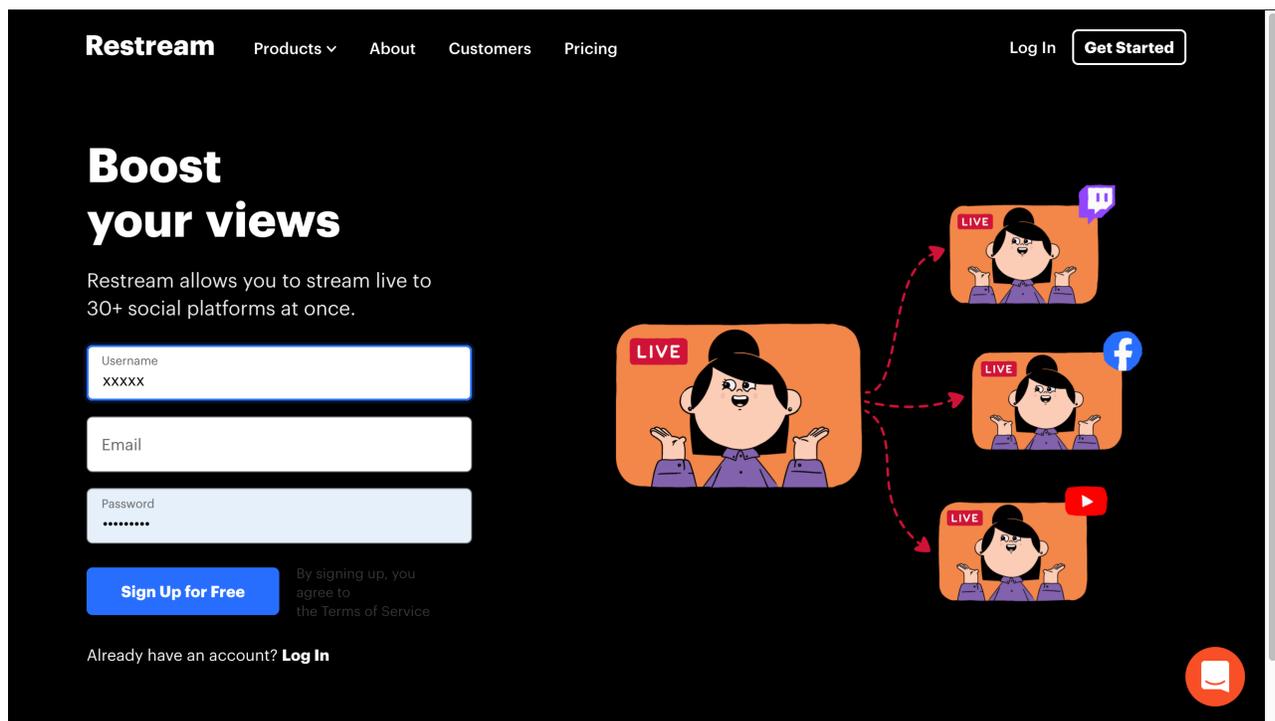
Introduction

HELO provides a range of presets and controls for providing your encoded stream to the platform of your choice. When you have a need to feed a stream from HELO to multiple locations simultaneously, it can be advantageous to utilize a service like Restream.io. Restream.io will take the single stream coming from your HELO and easily re-stream your content to multiple social media platforms of your choice, simultaneously.

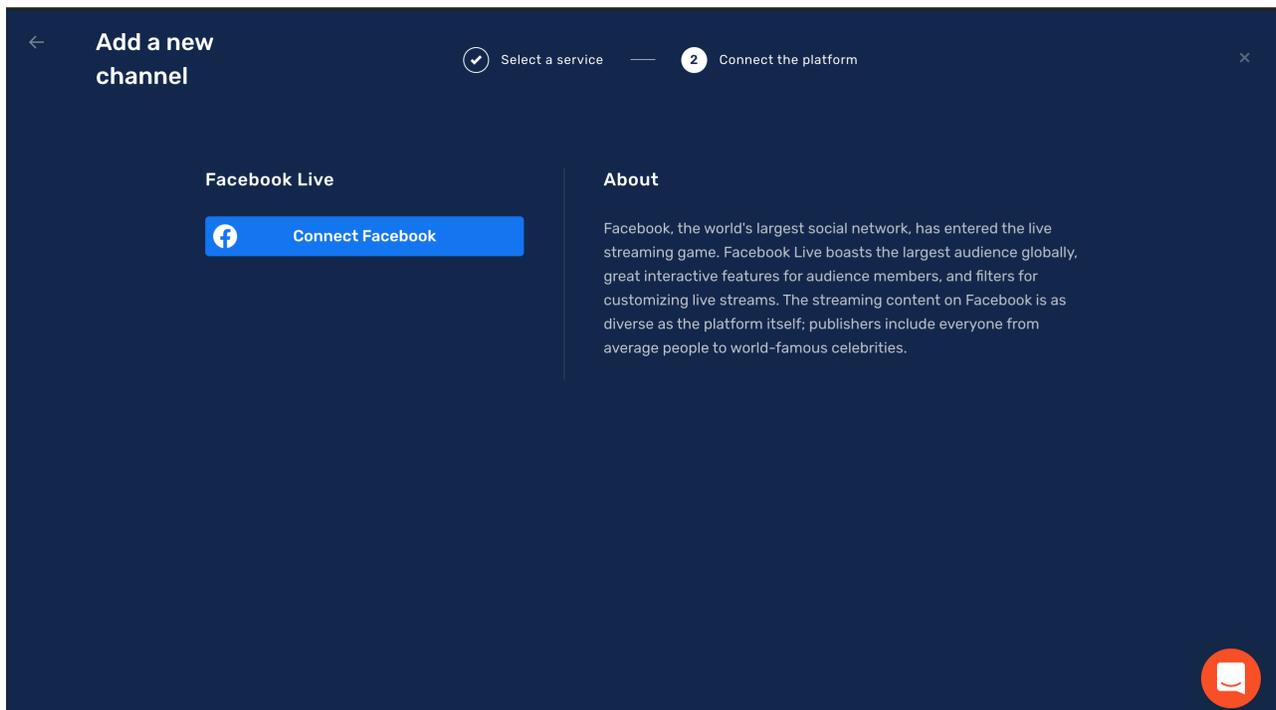
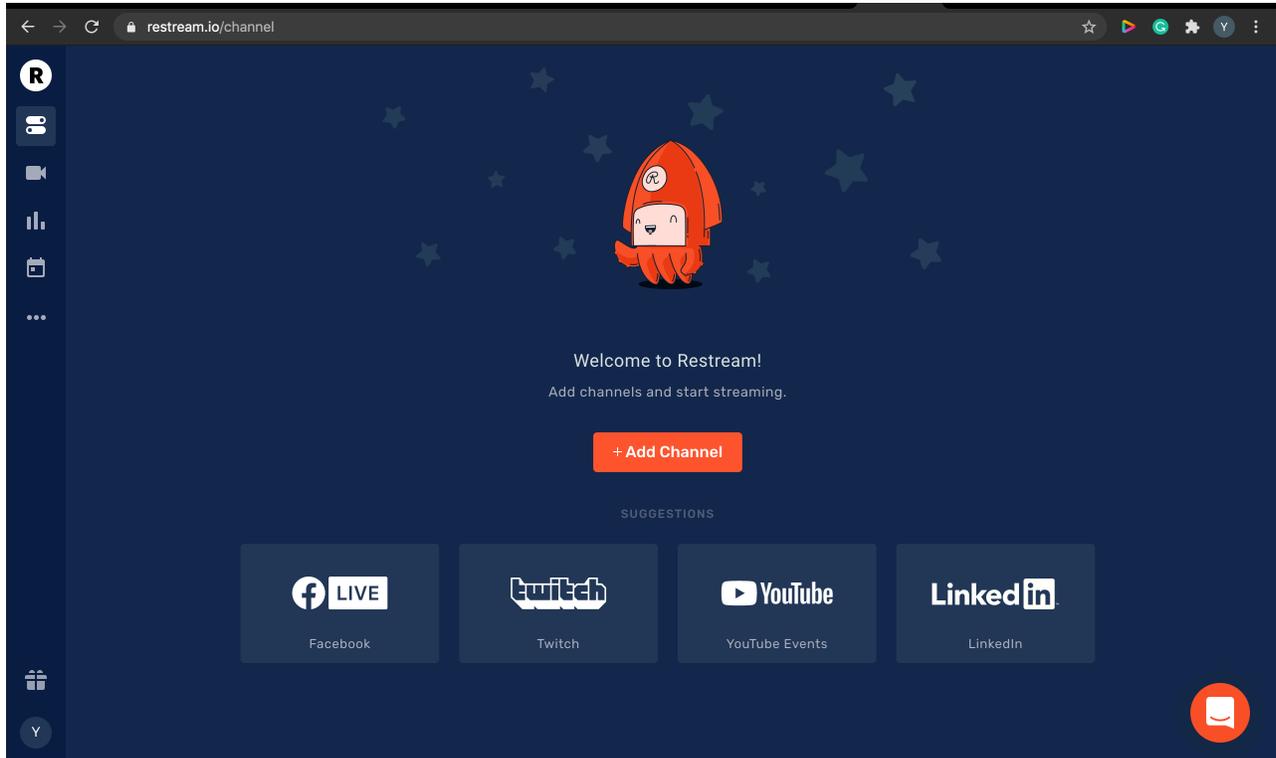
This document provides step by step examples using FaceBook and YouTube. The process is similar for a range of other platforms like LinkedIN, Twitch and more.

FaceBook and YouTube Examples

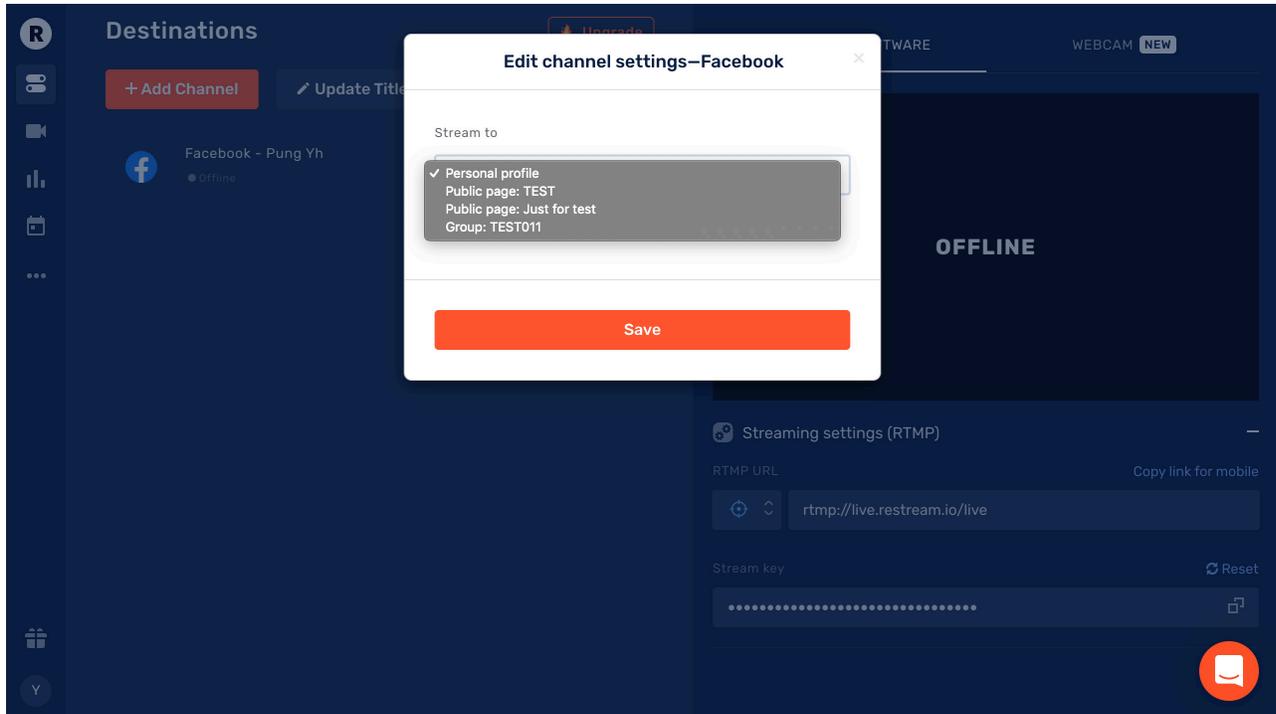
1. First, sign in to your Facebook and Youtube accounts.
2. Then, access Restream's website as below: <https://restream.io/>, [sign up](#) for free, and log in.



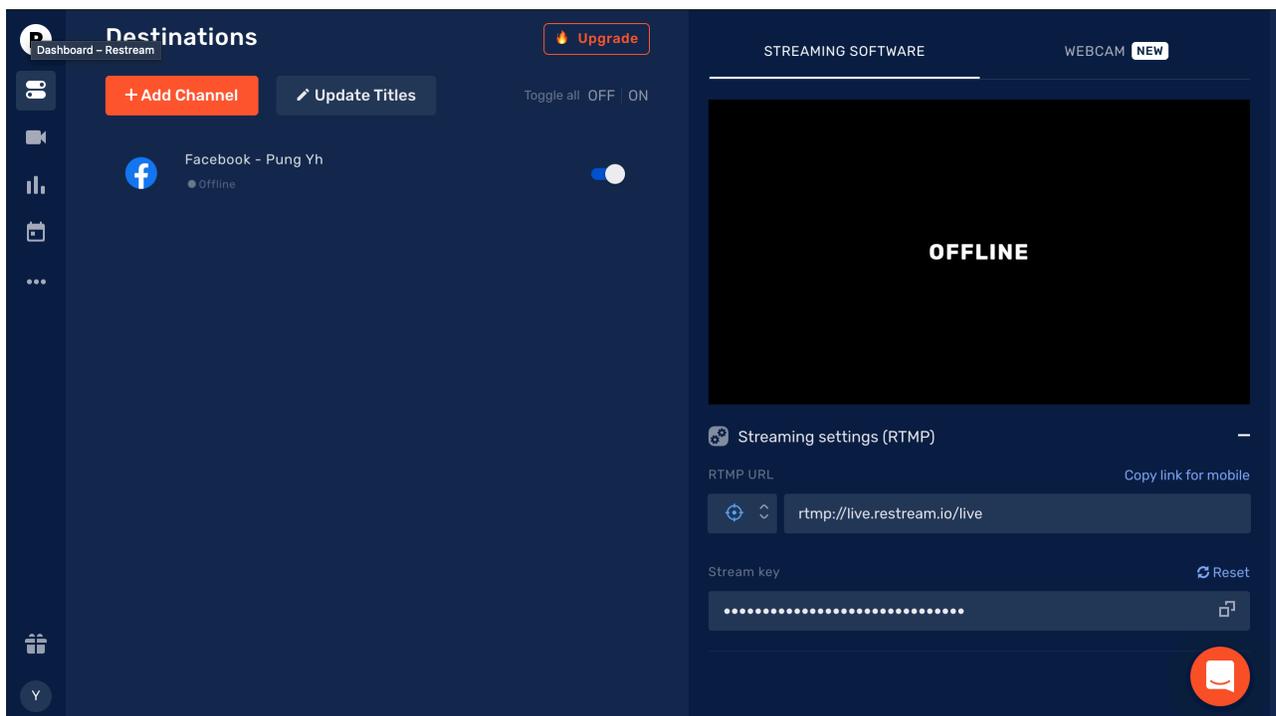
3. Once successfully logged in, you will be directed to the Restream Dashboard page, select “Facebook Live”, then choose “Connect Facebook”.



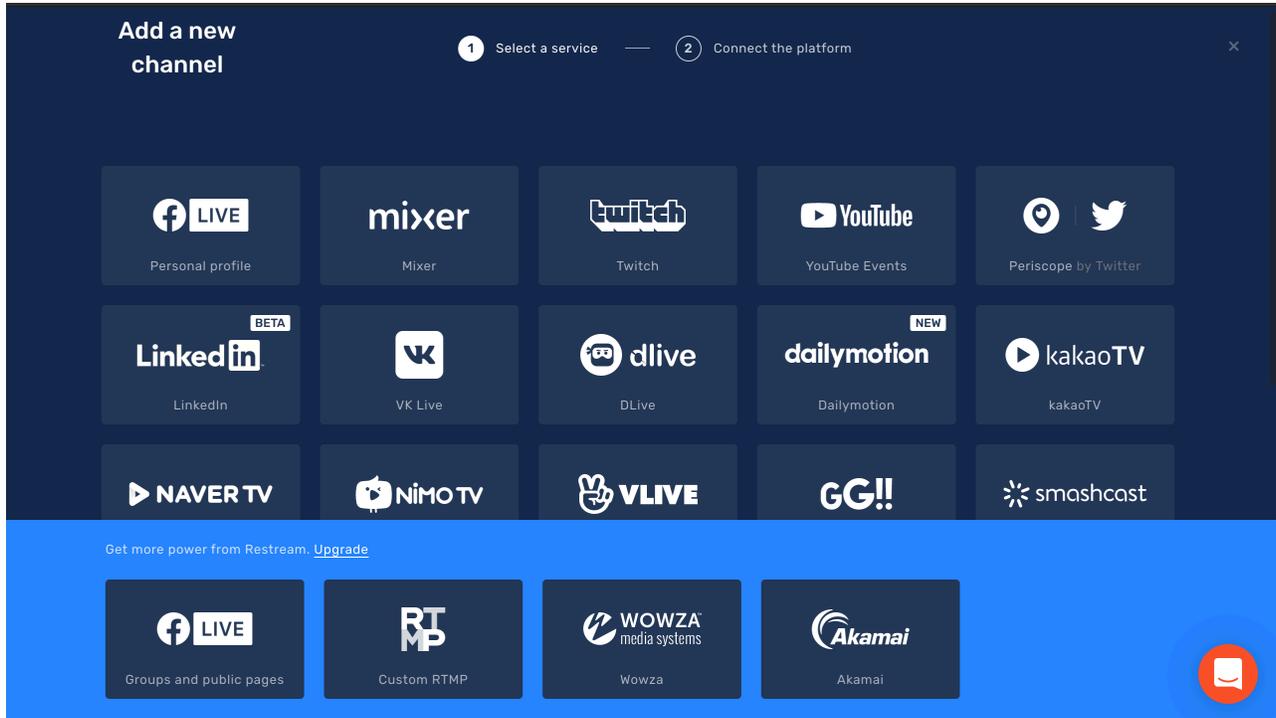
4. Once Facebook is connected to Restream.io, you are given a choice to choose to stream the video to your own Facebook profile, public page, or group. Once chosen, click “Save”.



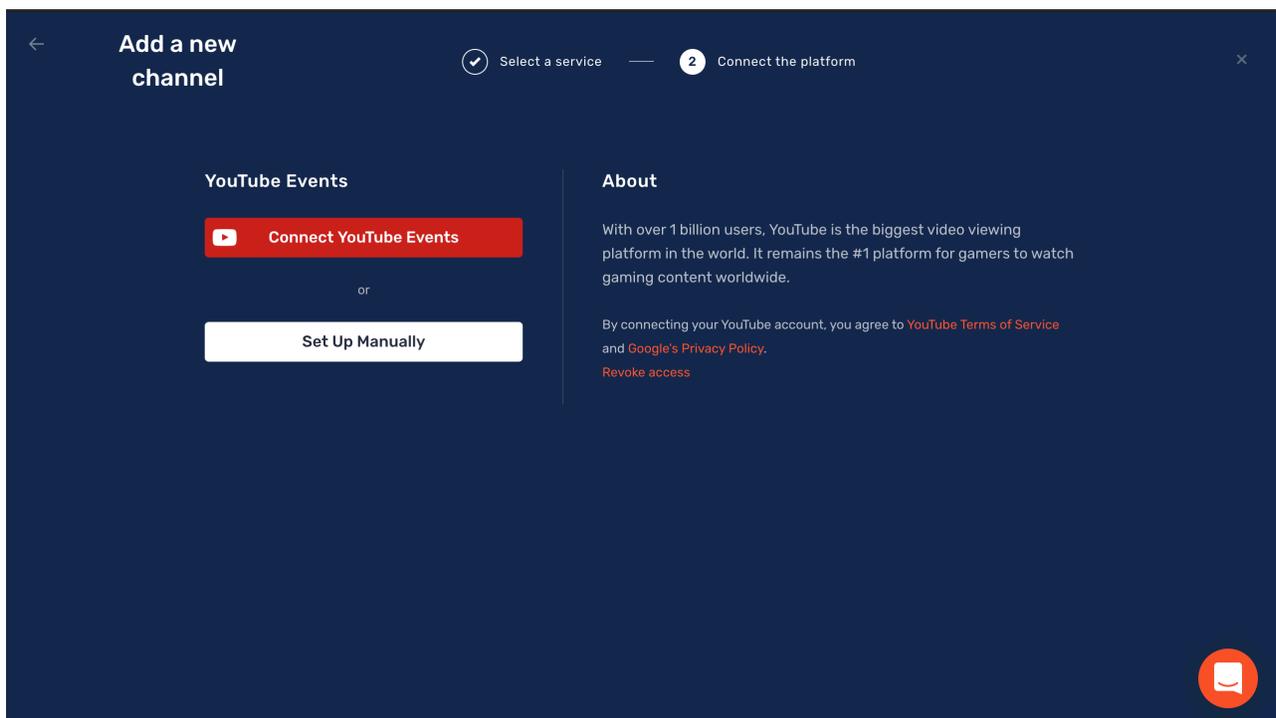
5. At this stage, Restream will show the status of the connected Facebook account as “offline”.



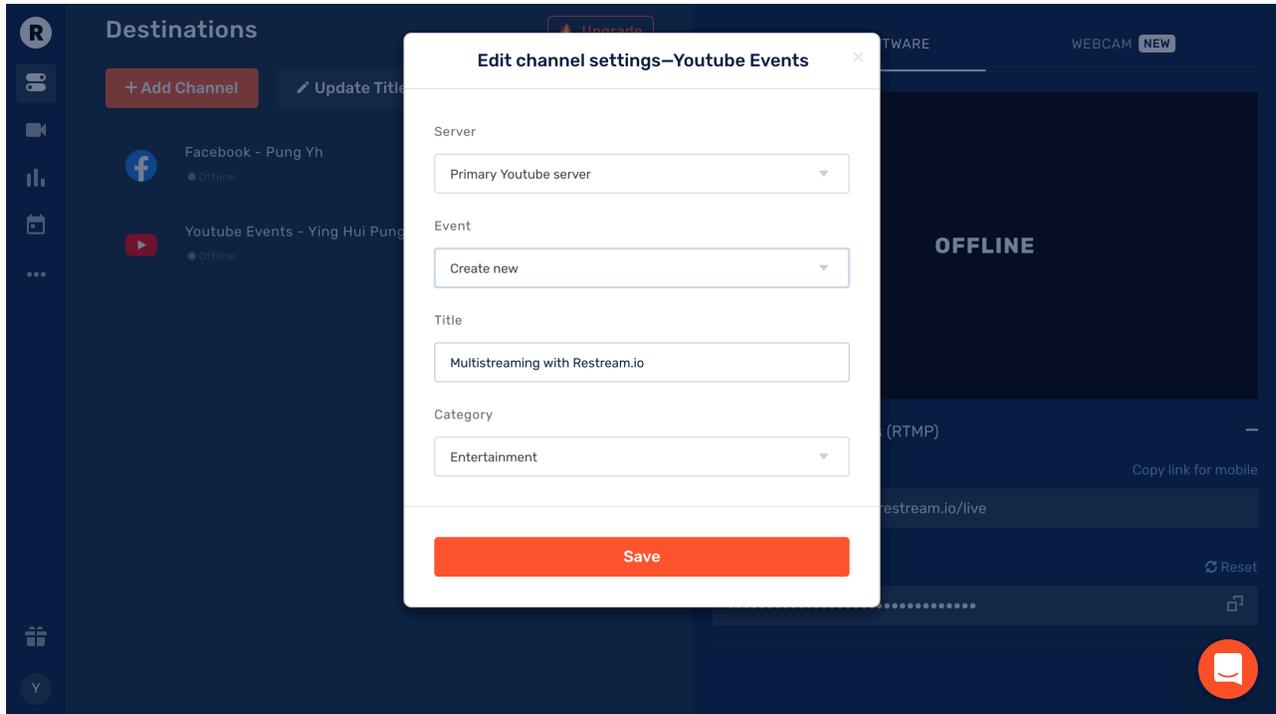
6. Next, to add another destination like YouTube, select “ Add Channel” and choose “YouTube”. Please make sure that you have successfully signed in to their Youtube account prior.



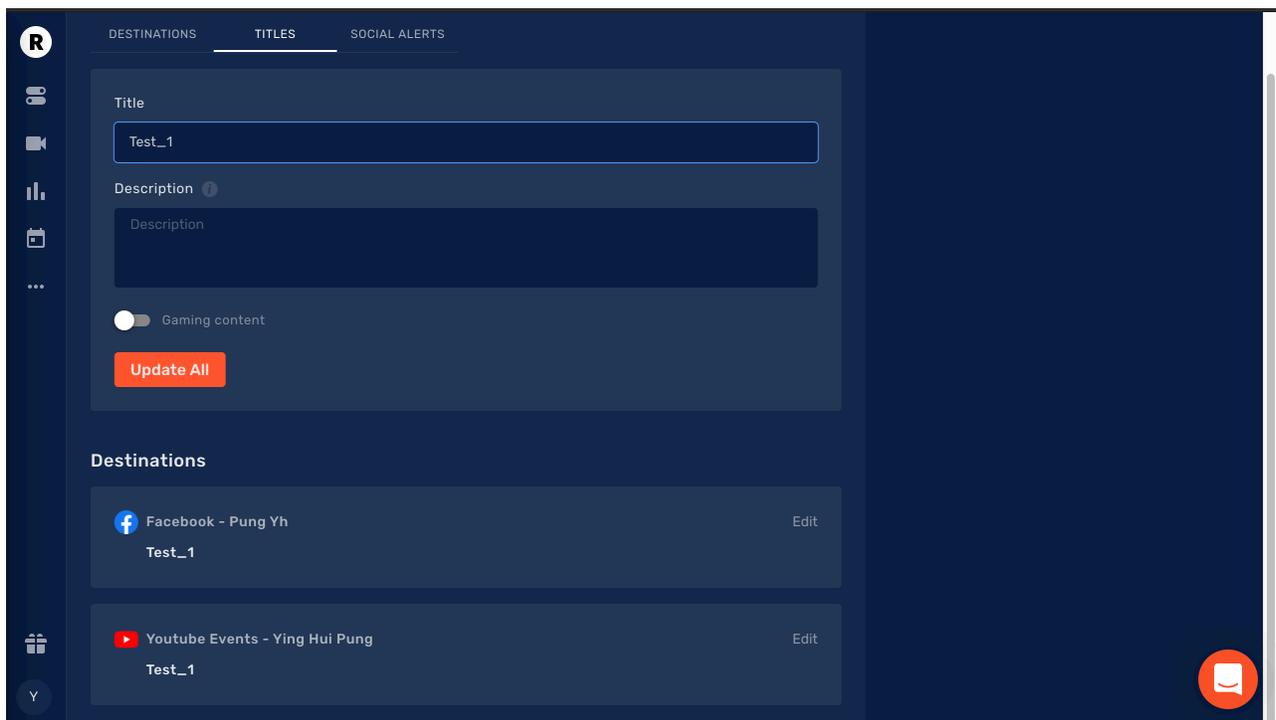
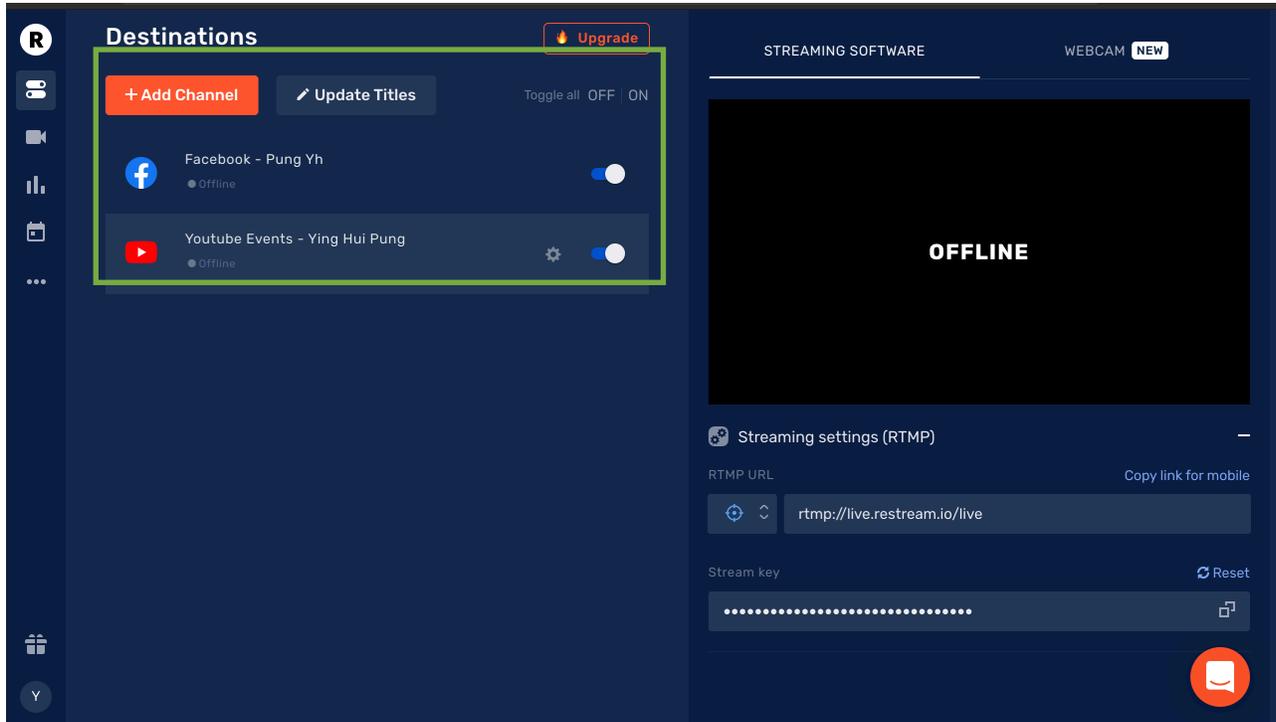
7. Restream.io will then also show the status of the connected YouTube account as “offline”.



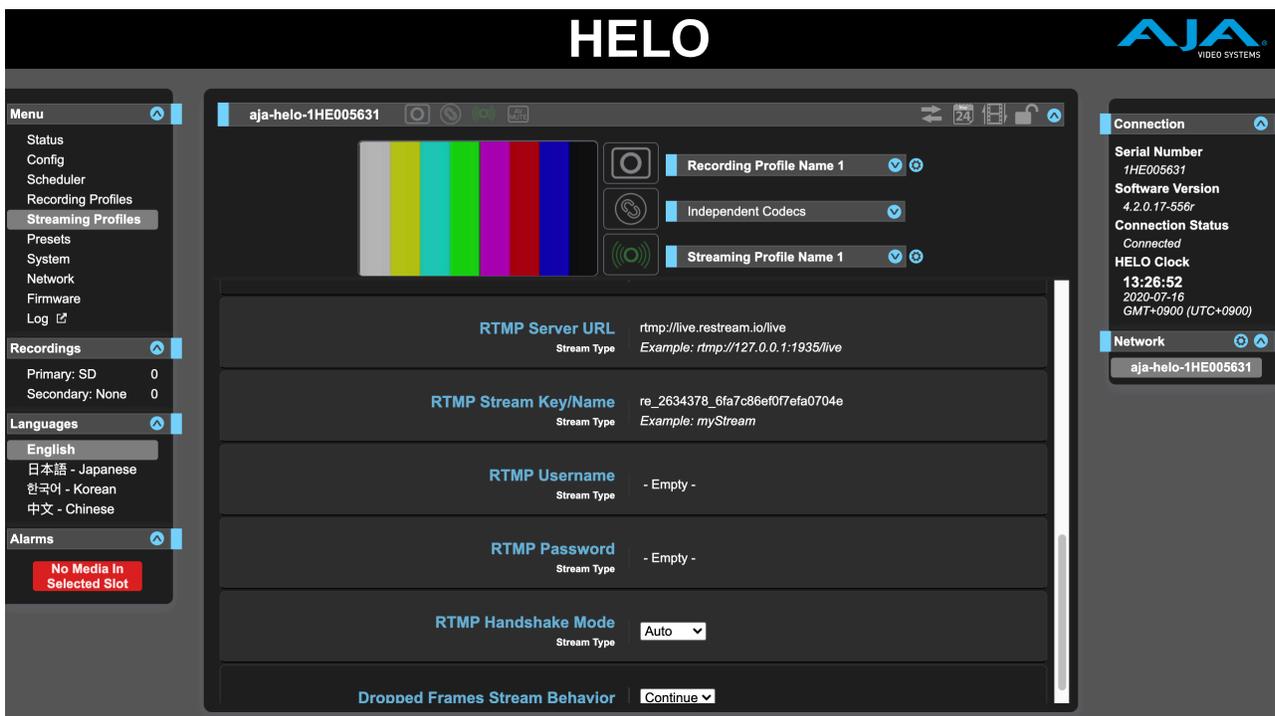
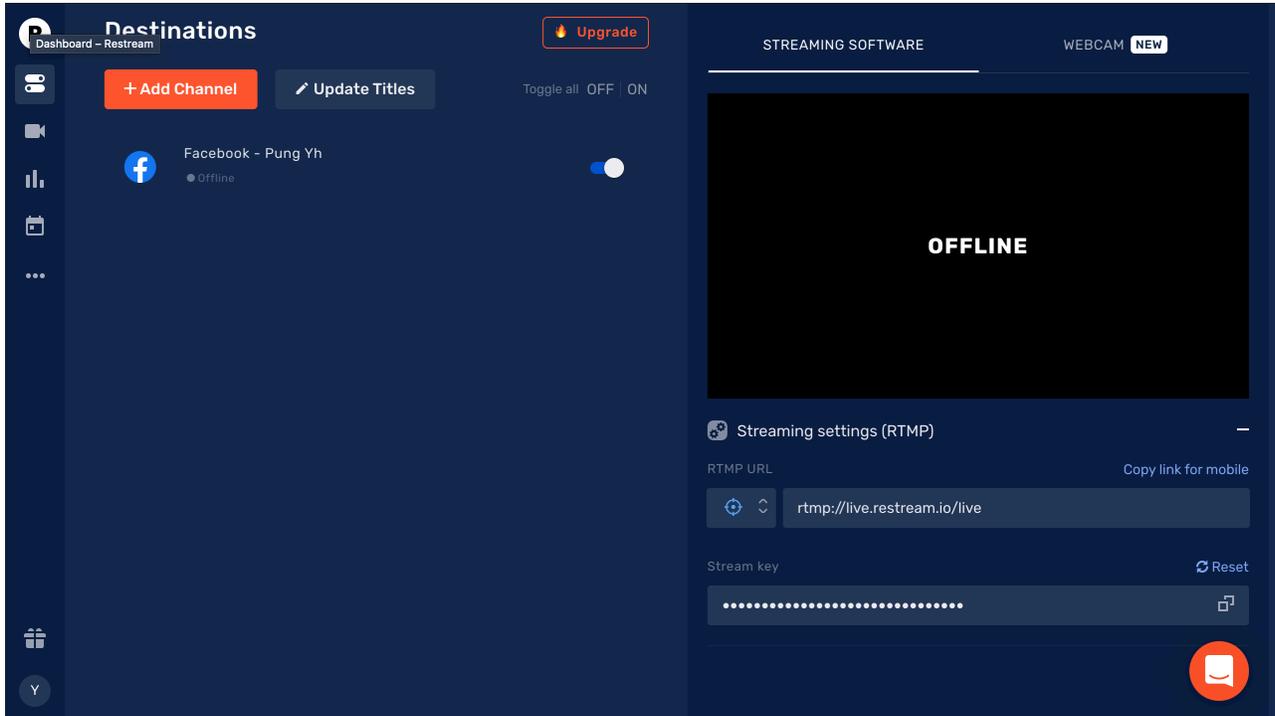
8. When a new window pops up, you are required to create a New Event (Only for the first time).



9. You can also choose to rename the titles for your streams on Facebook and YouTube by selecting “Update Titles”.



10. Next, copy the Restream.io RTMP URL and Stream Key to HELO's web UI and press the HELO's stream button.



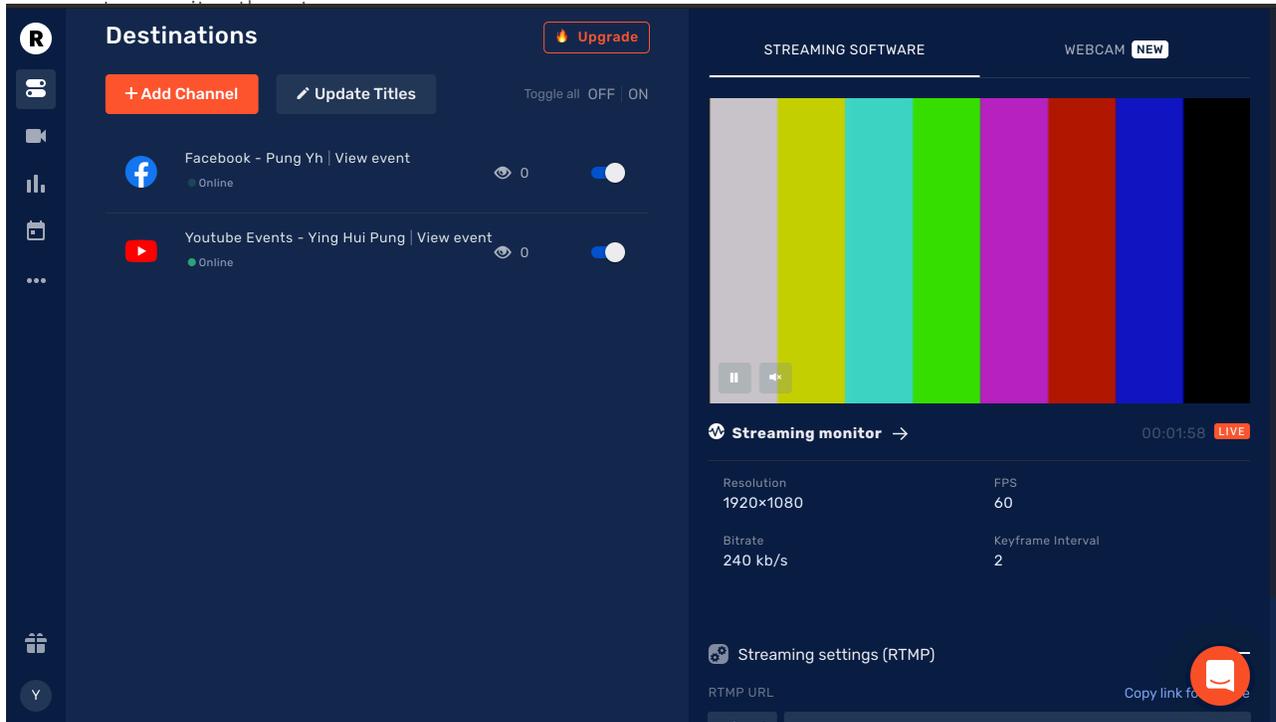
continued from pg.7

The screenshot displays the HELO control interface. At the top center, the word "HELO" is prominently displayed. To the right of the title is the AJA VIDEO SYSTEMS logo. The interface is divided into several sections:

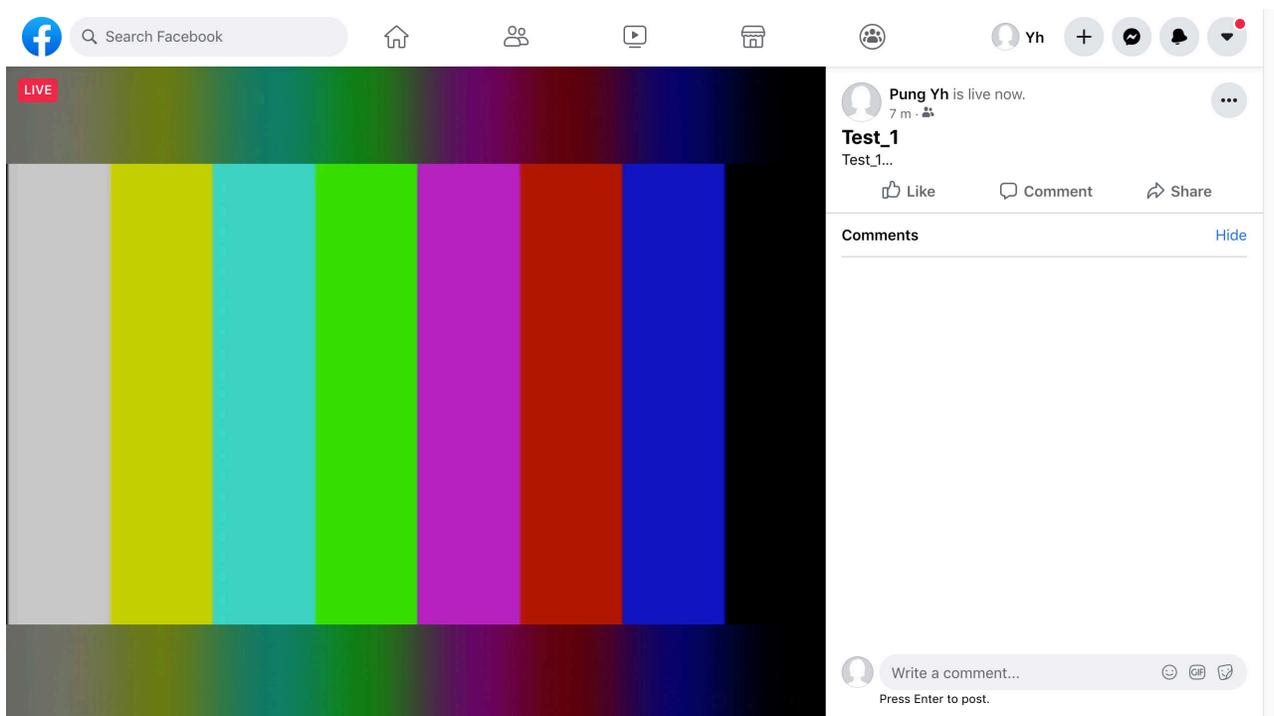
- Menu (Left):** A vertical navigation menu with categories: Status (Config, Scheduler, Recording Profiles, Streaming Profiles, Presets, System, Network, Firmware, Log), Recordings (Primary: SD 0, Secondary: None 0), Languages (English, Japanese, Korean, Chinese), and Alarms (No Media In Selected Slot).
- Central Panel:** The main control area for the device "aja-helo-1HE005631". It features a color calibration chart and three dropdown menus for "Recording Profile Name 1", "Independent Codecs", and "Streaming Profile Name 1". Below these are sections for:
 - Input Status:** Video Source (SDI), Input Format (1920x1080p 59.94), Closed Captioning (Disabled), Audio Source (SDI).
 - Scheduler Status:** (Currently collapsed).
 - Streaming Session:** Streaming Profile Name (Streaming Profile Name 1), Stream URL (rtmp://live.restream.io/live/re_2634378_6fa7c86ef07efa0704e (handshake mode 1)), Streaming Duration (00:00:00:01), Streaming Format (1920x1080p 59.94fps H.264 @ 20.00Mbps, 120 GOP, MP, CABAC, 128K audio).
 - Recording Session:** Recording Duration Extent (Unlimited).
- Right Panel:** A sidebar containing:
 - Connection:** Serial Number (1HE005631), Software Version (4.2.0.17-556r), Connection Status (Connected), HELO Clock (13:43:43, 2020-07-16, GMT+0900 (UTC+0900)).
 - Network:** A single entry for "aja-helo-1HE005631".

At the bottom left of the interface, there is a small text element: `javascript: void(0);`

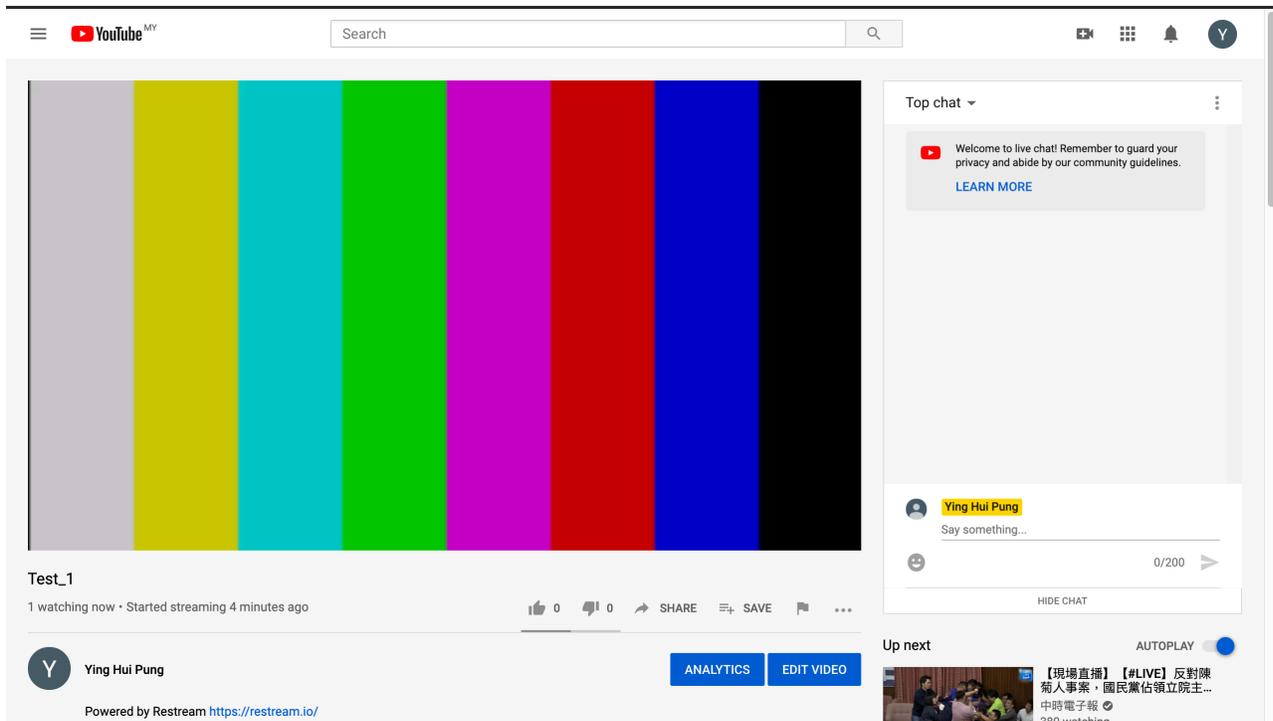
11. Restream.io will show the status of Facebook and YouTube as “online” once the video source successfully streams out from HELO to the service. Now, you can click on “View event” to the right of the platform name, this will lead you to the Facebook and YouTube Live pages, respectively,



12. Facebook Live page view



13. YouTube Live page view



14. When you want to stop the live stream, press the Stream button or click directly on the HELO or within it's GUI interface to end the event.

15. To start a new live stream, users can rename the stream in Restream.io, if desired, then press the Stream button again.

16. Facebook and YouTube will automatically create a new live video, but the previous live video will still be preserved. Repeat from step 10 again as required.

To conclude:

Restream.io allows a stream to go live directly without requiring users to press the “Go Live” button on Facebook and YouTube’s dashboard, while also allowing HELO users to send a single stream to multiple streaming platforms simultaneously.

Additionally, its not necessary to create a new event on these services for every single stream, but the choice is yours!

To learn more about AJA’s standalone, encoding, recording and streaming device HELO, please visit:

www.aja.com/products/helo