

# HELO

## Streaming to Microsoft Stream

### Introduction

---

HELO must be configured to operate with a Content Delivery Network (CDN) when streaming via RTMP, using information provided for that specific network. This document provides the general procedure to configure your HELO unit to stream to your Microsoft Stream account.

### Website

---

<https://web.microsoftstream.com/>

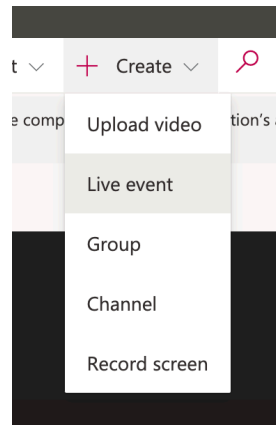
### Microsoft Stream Configuration

---

Follow these steps to configure your Microsoft Stream account to receive a streaming signal from HELO:

1. From the Microsoft Stream website, log in to your account.
2. From the **+ Create** drop-down menu, select **Live event**. A setup panel displays.

*Figure 1. Selecting Live event from the + Create drop-down menu*



**NOTE:** If you cannot see the Live event item, please contact your IT administrator for help.

Figure 2. The Live Event Video Setup Panel

The screenshot shows a web interface for setting up a live event video. The 'Details' section is expanded, showing fields for Name, Description, Thumbnail, Video Language, and Start event. The Name field contains 'HELO Live Stream Test 1'. The Description field has placeholder text: 'Describe your video. Include timecodes (hh:mm:ss) to create chapters for easier navigation. For example: 00:24 Introduction'. The Thumbnail field shows a black image placeholder and an 'Upload image' link. Below the thumbnail is a notification box stating: 'Setting a video language enables automatic closed captioning for supported languages. [Learn more](#)'. The Video Language dropdown is set to 'English'. The Start event dropdown is set to 'As soon as encoder is connected (now)'. At the bottom are 'Cancel', 'Save', and 'Publish' buttons. A status bar at the very bottom indicates 'Updates saved'.

## Details Panel

In the Details panel, enter details in the following fields as applicable:

3. Name
4. Description

Describe your video. Include timecodes (hh:mm:ss) to create chapters for easier navigation. For example: 00:24 Introduction.
5. Thumbnail

Click **Upload image** to upload a thumbnail image. A navigation window opens. Navigate to the image you want to use, and select **Open**. Your image uploads.
6. Video Language

If this is the first time you are creating content or a live event in Stream, you will be prompted to set a default video language. Choose a language, for example, English.
7. Start event

At a specific date and time

  - Use the Start Date and Start time controls to specify the specific date and time

As soon as encoder is connected (now)

## Permissions

---

Set the permissions for your live stream.

8. Checkbox: Allow everyone in your company to view this video

When checked, everyone in your company can view this video and add it to their groups and channels.

9. People drop-down control

- People
- Channels
- My groups

10. Search for People

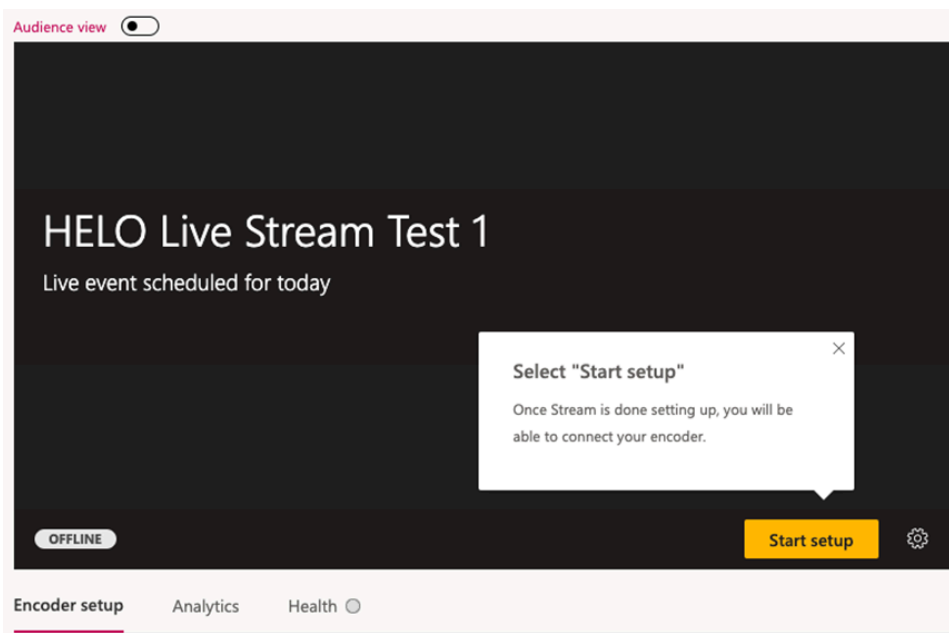
- Enter a name, then select the magnifying glass icon.
- Any matches will display. Make selections from the list.

## Options

---

11. You can decide what features you want to apply after the event is completed. For now, keep the default values. Click **Save**. The **Start setup** button becomes active.

*Figure 3. An activated Start setup button*

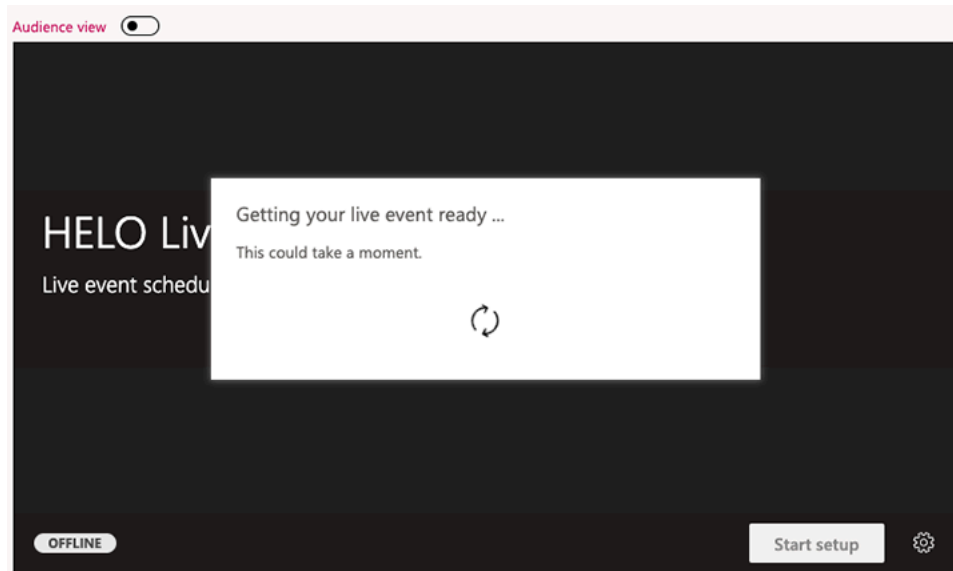


## Encoder Setup

---

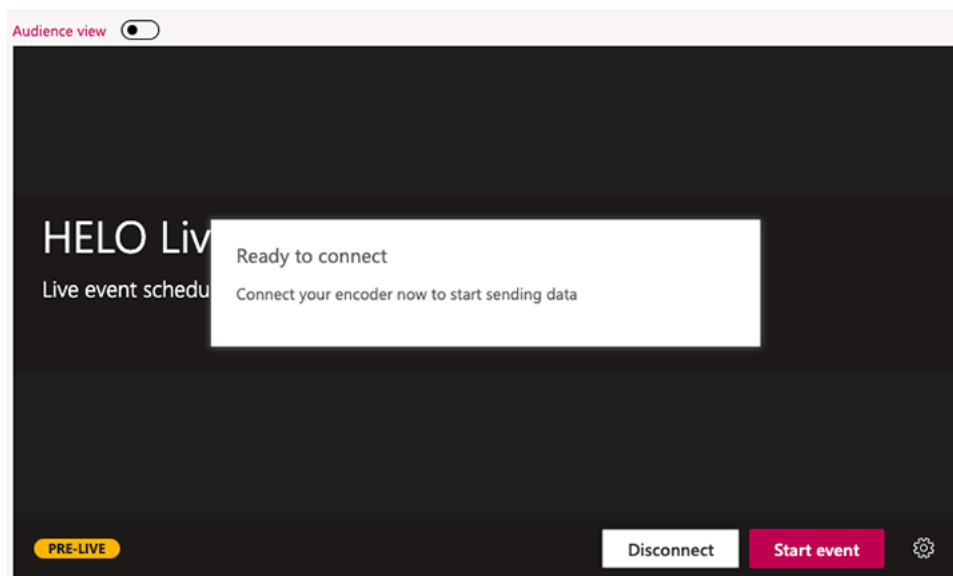
1. Click **Start setup**. The message "Getting your live event ready" displays.

Figure 4. "Getting your live event ready" message



2. After a few moments, the message "Ready to connect" displays.

Figure 5. "Ready to connect" message



3. Next to the Server ingest URL field, select **Copy** to copy the Server Ingest URL to your clipboard.

Figure 6. The Server Ingest URL

Encoder setup

Analytics

Health

Before you can go live you'll need to connect your external encoder. [Learn more](#)

Select encoder

Configure manually

Step 1. Select **Start setup** and wait for setup to finish.

Step 2. Copy the below ingest URL into any encoder of your choice.

Step 3. Once you see the preview from the encoder, select **Start event** to go live.

Secure Connection (SSL)

Off

Server ingest URL

rtmp://zfk36grym4asuhoenfgxvewg-streamuswe1su011-uswe.channel.media.azure.net:1935/live/4877bbf3fd04

Copy

# HELO Configuration

1. From the HELO's web UI, navigate to the **Streaming Profiles** page.
2. Paste the Server Ingest URL to the HELO Streaming Profiles page **RTMP Server URL** field.
3. Cut off the portion of the URL string that follows "live/" and paste it into the **RTMP Stream Key/Name** field. Delete the back slash after "live" as well. See the example in Figure 7 below.

Figure 7. Example of correctly configured RTMP Server URL field and RTMP Stream Key/Name Field

Stream Type	RTMP
RTMP Server URL	rtmp://tyxp5w3kbvfnugo4y7og6imbka-streamuswe1su021-uswe.channel.media.azure.net:1935/live
Stream Type	Example: rtmp://127.0.0.1:1935/live
RTMP Stream Key/Name	f8a307ddcd1f47dc9d3f69383080c974
Stream Type	Example: myStream
RTMP Username	- Empty -
Stream Type	
RTMP Password	- Empty -
Stream Type	
RTMP Handshake Mode	Auto
Stream Type	

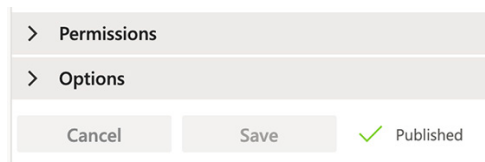
4. Turn on streaming in HELO by selecting the Streaming button.
5. Go back to Microsoft Stream and wait until you can see the preview of your HELO stream. When it is ready to go live, click **Start event**.

6. When your live stream event is over, click **End event**. Once ended, your video will be available for viewing on demand and will be accessible through Microsoft Stream.

## Sharing Link to Live Stream Video

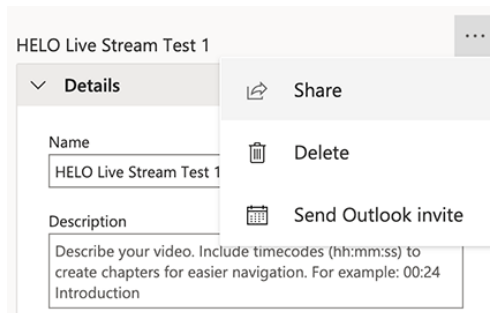
1. When you are ready to share upcoming details, click **Publish** at the bottom of Event setup panel. The **Publish** button updates to say **Published** next to a green check mark.

Figure 8. The Published button showing a green check mark



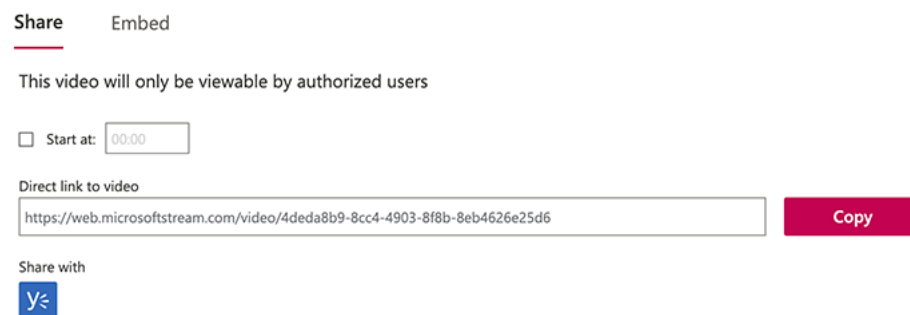
2. At the top-right of the Event setup panel, select the three dots. From the drop-down menu, select **Share**.

Figure 9. Selecting Share from the drop-down menu



3. The Share window displays.

Figure 10. The Share window



4. Next to the **Direct link to video** field, select **Copy**, then select **Close**.
5. Using your preferred method, paste the link into a Microsoft Teams channel, an email message, or any other method you like. Recipients can click on the link and view the live stream.