# HELO Plus Streaming to Microsoft Stream

## Introduction

HELO Plus 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 Plus unit to stream to your Microsoft Stream account.

The Microsoft Stream website is <a href="https://web.microsoftstream.com/">https://web.microsoftstream.com/</a>

## Microsoft Stream Configuration

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

- 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.



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Details	
Name	
HELO Plus Live Stream1	
Description	
Describe your video. Include t create chapters for easier nav 00:24 Introduction	timecodes (hh:mm:ss) to rigation. For example:
Thumbnail	
	Upload image
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### Figure 2. The Live Event Video Setup Panel

### **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.



Audience view		
HELO PI Live event sched	Getting your live event ready This could take a moment.	
OFFLINE		Start setup
Encoder setup An.	alytics Health 🛦	

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

Figure 5. "Ready to connect" message

Audience view			
	Ready to connect		
Live event schedu	Connect your encoder now to start sending data		
PRE-LIVE		Disconnect	Start event
Encodor cotup	tion Upplat A		
Analy			

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 car	n go live you'll ne	eed to connect your external encoder. Learn more	
Select encoder			
Configure man	ually	~	
Step 1. Select S Step 2. Copy th Step 3. Once yo	tart setup and e below ingest	wait for setup to finish. URL into any encoder of your choice. ew from the encoder, select <b>Start event</b> to go live	
Secure Connection	on (SSL)		
Server ingest URL	0		
rtmp://zfk36grym	4asuhoroenfgxvev	wg-streamuswe1su011-uswe.channel.media.azure.net:1935/live/4877bbf3fd	04 Сору

## **HELO Plus Configuration**

- 1. From the HELO Plus'es web UI, navigate to the Stream 1/2 Output page.
- 2. Paste the Server Ingest URL to the HELO Plus RTMP Server URL field.
- 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 1 Output Page		
Stream 1 Enable Enable 3		
Stream 1 Encoder Encoder 1 C		
Stream Type		
RTMP Server URL       rtmp://abcd-user-media.azure.net:123/live         Stream Type       Example: rtmp://127.0.0.1:1935/live		
RTMP Stream Key/Name Stream Type 1a2b3c4defg1234ikl54321 Example: myStream		

- 4. Turn on streaming in HELO Plus by selecting the Streaming button.
- 5. Go back to Microsoft Stream and wait until you can see the preview of your HELO Plus 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.

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

> Permissions		
> Options		
Cancel	Save	V Published

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

LO Live Stream Test 1			
<ul> <li>Details</li> </ul>	Ŕ	Share	
Name HELO Live Stream Test 1	Ŵ	Delete	
Description		Send Outlook invite	
Describe your video. Include timecodes (hh:mm:ss) to create chapters for easier navigation. For example: 00:24 Introduction			

#### Figure 9. Selecting Share from the drop-down menu

#### 3. The Share window displays.

#### *Figure 10. The Share window*

Share	Embed	
This video	will only be viewable by authorized users	
Start at:	00:00	
Direct link to	video	
https://web.r	nicrosoftstream.com/video/4deda8b9-8cc4-4903-8f8b-8eb4626e25d6	Сору
Share with		

- 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.