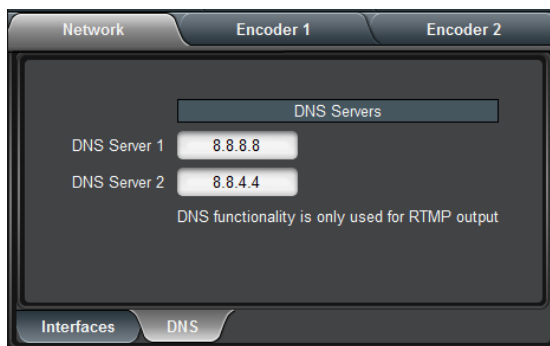


How to Stream to Facebook with the Cobalt Encoders

This article applies to all Cobalt encoders (9223, 9223-SA, 9990-ENC-IP, BBG-1123-ENC, and BBG-1099-ENC-IP). The pre-requisites are:

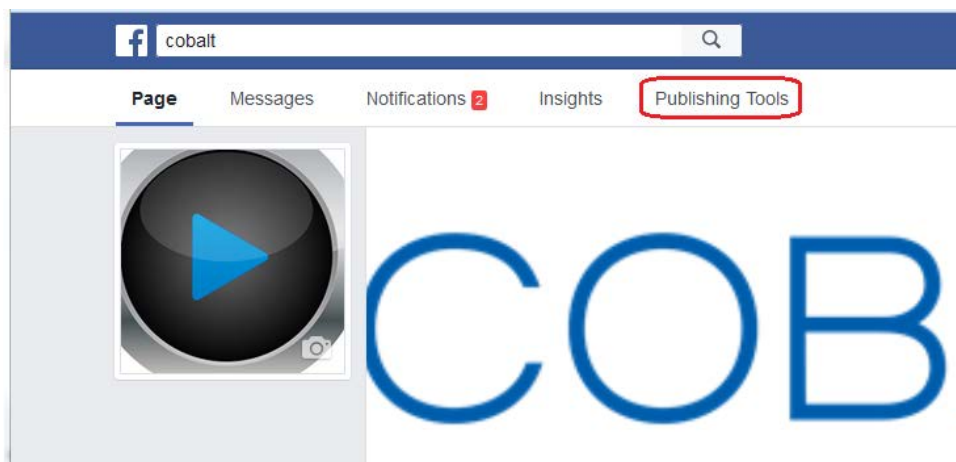
- The encoder must have Internet access. This means that a default gateway must be configured for at least one of the streaming ports. The standalone versions (non-openGear) can stream to Facebook on their control interfaces as well; in this case, a default gateway in the control interface is also suitable.
- The encoder must have at least one DNS server configured. In all encoders, DNS can be configured in the **DNS** lower tab of the **Network** tab:



Additionally, for the standalone versions, DNS can also be configured in the **Control** tab.

The steps are:

1. Select the **Publishing Tools** link at the top of the Facebook page:



2. Select the **Video Library** link on the left:

The screenshot shows the Facebook Publishing Tools interface. At the top, there are navigation tabs: Page, Messages, Notifications (with a red badge '2'), Insights, and Publishing Tools (which is the active tab). On the left, there is a sidebar menu with sections: Posts (containing Published Posts, Scheduled Posts, Drafts, and Expiring Posts), Videos (containing Video Library, Videos You Can Crosspost, and Videos You Can Crosspost), Lead Ads Forms (containing Forms Library and Draft Forms Library), and Canvas. The 'Video Library' link is highlighted with a red rectangle. The main content area shows 'Published Posts' with a search bar and an 'Actions' dropdown. Below that, there are three post entries, each with a checkbox and a thumbnail: a 'COBALT' post, a video thumbnail, and a post titled 'Bob McAlpine and Ciro Noronha shake hands!'.

3. Click on the **+Live** button at the right top:

The screenshot shows the Facebook Publishing Tools interface with the 'Video Library' section selected. At the top, there are navigation tabs: Page, Messages, Notifications (with a red badge '2'), Insights, Publishing Tools (active), Settings, and Help. A blue banner at the top reads 'Video Library is a place to manage all your videos on Facebook. Take the tour to learn more.' with a 'Start Tour' button. Below the banner, the 'Video Library' section is displayed. It features a '+ Live' button and a '+ Upload' button, both highlighted with red rectangles. The main content area below the buttons says 'You don't have any videos.' The left sidebar menu is visible, with 'Video Library' selected under the 'Videos' section.

- The following window opens. The “stream key” is the “password” to access your Facebook live publishing point – it has been obscured below.

Create Live Video ✕

This will create a live video, streamed directly from your professional video equipment or encoding software. This is not for creating live videos from your computer's webcam.

Secure connection (SSL)
A secure connection is better, but it may not work with all encoders.

Depending on your streaming software, you will use either the Single Field or Separate Fields option below. Copy the contents of these text fields into your video streaming software's set-up fields. [Learn more about live video](#)

Single Field

Server or Stream URL ⓘ

OR

Separate Fields

Server URL ⓘ

Stream Key ⓘ

i Keep the Stream Key secret. Anyone can use them to stream video to your post. This stream key is valid for 7 days. Once you preview the video, you have up to 5 hours to go live. If you need more time, create a new stream key closer to the time.

Next

5. Fill up the configuration of the encoder as follows:

Output Protocol: RTMP

RTMP Protocol: rtmp

Primary Server: rtmp-api.facebook.com

Primary Network Interface: Any Ethernet 1 Ethernet 2

Primary App: rtmp

Primary Server URL: rtmp://rtmp-api.facebook.com:80/rtmp

Primary Stream: copy_stream_key_here

Backup Server: (empty)

Backup Network Interface: Any Ethernet 1 Ethernet 2

Backup App: (empty)

Backup Server URL: Not configured

Backup Stream: (empty)

Common Parameters

Port Selection: Use Default Specific Port


Port: 80

Authentication: Yes No

Connect: Yes No

- The fields that need to be filled in are highlighted in red.
- Facebook does not offer a backup publishing point – leave the **Backup Server** section empty.
- Copy the stream key from the previous page into the **Primary Stream** field.
- Click **Apply**.

6. Go back to the Facebook screen and click on **Next**:


Stream Key 

Keep the Stream Key secret. Anyone can use them to stream video to your post. This stream key is valid for 7 days. Once you preview the video, you have up to 5 hours to go live. If you need more time, create a new stream key closer to the time.

Next

7. You should now see your video, if the encoder is running:

Create Live Video ×

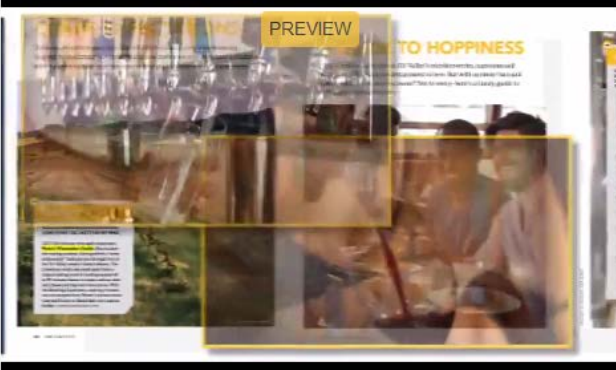
 What's on your mind?

Basic Advanced Stream Key ⚙️




Video Title
Add a title

Video Tags ⓘ
Add tags (ex: baseball, cats, etc.)

PREVIEW



i Don't put third-party video ads in your live video. For example, don't include bumpers, pre-roll, mid-roll or post-roll. Ensure any pre-recorded content is clearly distinguishable from live content.

   Go Live ▾

8. Click the **Go Live** button above.

IMPORTANT NOTE: The stream key changes every time you access this interface, and expires in 5 hours. If the stream key is no longer valid, the encoder will fail to connect. Always make sure that you are using the current stream key.