Connect a LiveU Solo encoder to Wowza Streaming Cloud

LiveU offers a variety of H.264 video encoders for broadcasters and other professionals who need to stream from the field. Its LiveU Solo device connects to the Wowza Streaming Cloud™ service. Just choose LiveU as your video source, and Wowza Streaming Cloud generates a connection code that you can use to send streams from a LiveU Solo encoder to Wowza Streaming Cloud.

Note: Watch a video about how to connect Wowza Streaming Cloud with LiveU on the Wowza Media Systems YouTube page.

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Create a live stream that uses LiveU as the video source

If you haven’t already done so, create a live stream in Wowza Streaming Cloud that uses LiveU as the video source.

1. Sign in to Wowza Streaming Cloud.
2. Click the Live Streams menu, and then click Add Live Stream.
3. On the Live Stream Setup page, enter a Live Stream Name, choose a Broadcast Location, and then click Next.
4. On the Video Source and Transcoder Settings page, select LiveU as the encoder you want to use to connect to Wowza Streaming Cloud.
5. Specify other video source settings, click Next, and complete the steps to finish creating the live stream.

**Note:** For more information about live stream settings, see the Help panel on the right side of each page.

Wowza Streaming Cloud creates the live stream and displays the Overview tab of the live stream detail page.

**Connect the LiveU Solo to Wowza Streaming Cloud**

After you’ve added a live stream in Wowza Streaming Cloud, configure the LiveU Solo to connect to Wowza Streaming Cloud.

1. In Wowza Streaming Cloud, select the live stream that uses the LiveU as its video source.

2. On the Overview tab of the live stream detail page, make note of the six-digit Connection Code.

**Note:** Connection codes can be used once and expire after 24 hours. If you need a new code, click Regenerate Connection Code.

3. In the LiveU Solo portal, select the solo unit you want to use and click Edit Solo Unit.
4. For Output Type, select Wowza, and then click Next.
5. In the Wowza Endpoint dialog box, click Add new Token.
6. Enter the six-digit Connection Code from Wowza Streaming Cloud.
7. Configure any other settings for your stream in the LiveU portal or encoder.

**Test the connection**

1. In Wowza Streaming Cloud, select the live stream that uses the LiveU as its video source.

2. Click Start Live Stream at the top of the live stream detail page, and then click Start to confirm that you want to start the stream.
3. In the LiveU portal, start the connection.
4. In Wowza Streaming Cloud, confirm that the stream is working by looking at the **Video Thumbnail** on the **Overview** tab of the live stream detail page.

The **Video Thumbnail** displays a frame from the live stream every five seconds. The started date and time appear at the bottom of the thumbnail. Connection, transcoding, and delivery metrics begin to update in the **Statistics** panel.

Confirm that the stream is running in the LiveU portal, as well.

5. Click **Stop Live Stream** at the top of the live stream detail page to end your test stream, and then stop the stream in the LiveU as well.

**More resources**

- Get started with Wowza Streaming Cloud
- Wowza Streaming Cloud user guide
- Encoding best practices for Wowza Streaming Cloud