The Teradek Cube, a wireless solution for encoding live video, can deliver live streams to the Wowza Streaming Cloud™ service. When you choose Teradek as your video source, Wowza Streaming Cloud generates a connection code as well as a configuration URL, either of which you can use to easily connect the Cube encoder to Wowza Streaming Cloud.

**Note:** Teradek Cube firmware 7.3.4 or later is required. After updating your Cube firmware, perform a hard reboot of the device to ensure compatibility with Wowza Streaming Cloud.

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## Create a live stream that uses Teradek as the video source

If you haven’t already done so, create a live stream in Wowza Streaming Cloud that uses the Teradek Cube encoder 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 **Teradek** 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 Teradek Cube to Wowza Streaming Cloud**

After you’ve added a live stream in Wowza Streaming Cloud, configure the Cube to connect to it. You can connect by using the connection code or the configuration URL that Wowza Streaming Cloud generated for the live stream.

**Connect using the Configuration URL**

1. On the **Live Streams** page of Wowza Streaming Cloud, select the live stream that uses Teradek as its video source.
2. Click the **Video Source and Transcoder** tab of the live stream detail page.
3. Select the **Configuration URL** and copy it to the Clipboard.

**Note:** Alternatively, you can enter an email address and click **Send Email** to send the shortened configuration to a Cube user at a different location.

4. Log in to the Cube web interface, and click **Video Stream Output**.
5. On the **Primary** tab, click the **Mode** menu and choose **Internet Streaming**.
6. In the Provider menu, choose **Wowza**.
7. Under Mode, choose **Server**.
8. Click **Load Configuration**.
9. Paste the shortened configuration URL that you copied to the Clipboard into the **Config URL** field, and then click **Load**.
10. Click **Apply** at the top of the **Video Stream Output** page.
11. Configure any other required settings for your broadcast in the Cube web interface.

**Connect using the Connection Code**

1. On the **Live Streams** page of Wowza Streaming Cloud, select the live stream that uses
Teradek as its video source.

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

3. Log in to the Cube web interface, and click Video Stream Output.

4. On the Primary tab, click the Mode menu and choose Internet Streaming.

5. In the Provider menu, choose Wowza.

6. Under Mode choose Cloud.

7. Enter the six-digit Connection Code from Wowza Streaming Cloud and then click Connect.

8. Click Apply at the top of the Video Stream Output page.

9. Configure any other required settings for your broadcast in the Cube web interface.

Test the connection

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

2. Click Start Live Stream at the top of the live stream detail page.

3. Click Start to confirm that you want to start the stream.

Wowza Streaming Cloud opens the stream and connects with the Cube encoder.

4. In the Cube web interface, start your video source.

5. 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.

6. 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 Cube.

More resources

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