Wowza GoCoder™, an encoding app for Apple iOS and Android mobile devices, can be used as a video source for live streaming with the Wowza Streaming Cloud™ service. After you’ve set up a live stream in Wowza Streaming Cloud that uses Wowza GoCoder as its video source, follow these instructions to configure the GoCoder app to send an encoded stream to Wowza Streaming Cloud.

To configure the GoCoder app to send a stream to Wowza Streaming Cloud with Ultra Low Latency, see Connect Wowza GoCoder to Wowza Streaming Cloud with Ultra Low Latency.

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Configure Wowza GoCoder

You can configure the GoCoder app in a number of ways.

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

Configure GoCoder using the Connection Code
The easiest way to configure GoCoder to connect to Wowza Streaming Cloud is to use the **Connection Code** that appears on the **Overview** tab of the live stream detail page.

**Note:** Using the **Connection Code** requires Wowza GoCoder 1.5 or later for iOS or Wowza GoCoder 2.0 or later for Android.

1. On the **Live Streams** page of Wowza Streaming Cloud, select the stream that uses Wowza GoCoder as its video source.
2. On the **Overview** tab of the live stream detail page, make note of the six-digit **Connection Code**.
3. Start the GoCoder app on your mobile device.
4. Tap the **Connect** button (the Wowza gear icon) in the upper-right corner of the app.
5. In the **Connect To** menu, tap **Wowza Streaming Cloud**.
6. Enter the **Connection Code** from the **Overview** tab of your live stream detail page.

**Configure GoCoder automatically using Wowza Streaming Cloud in a browser on a computer**

1. On the **Live Streams** page of Wowza Streaming Cloud, select the stream that uses Wowza GoCoder as its video source.
2. Click the **Video Source and Transcoder** tab of the live stream detail page.
3. Enter a valid email address, and then click **Send Configuration URL by Email**.
4. Open the email on the device where the GoCoder app is installed.
5. Tap the link in the email to configure the GoCoder app.
6. Enter your Wowza Streaming Cloud password.
7. Tap **Yes** when asked if you’re sure you want to overwrite existing GoCoder settings.

**Configure GoCoder automatically using Wowza Streaming Cloud in a browser on a mobile device**

1. On the **Live Streams** page of Wowza Streaming Cloud, select the stream that uses Wowza GoCoder as its video source.
2. Tap the **Video Source and Transcoder** tab of the live stream detail page.
3. Tap **Auto-configure Wowza GoCoder**.
4. Tap Yes when asked if you’re sure you want to overwrite existing GoCoder settings.

Configure GoCoder manually on a mobile device

Enter the Source Connection Information from the Overview or Video Source and Transcoder tab of the live stream detail page directly into Wowza GoCoder on your iOS or Android device.

1. Start the GoCoder app on your mobile device.
2. Tap the Connect button (the Wowza gear icon) in the upper-right corner of the app.
3. In the Connect To menu, tap Wowza Streaming Engine.
4. Tap Host. For Server enter the Wowza Streaming Cloud Host Server address (without rtsp:// at the start of the URL) and for Port enter the Wowza Streaming Cloud Host Port address. Then, tap Back.
5. Tap Application, enter the Application and Stream Name, and then tap Back.
6. Tap Source Authentication and enter the Source Username and Source Password.
7. Tap Done.

Test the connection

1. On the Live Streams page of Wowza Streaming Cloud, select the live stream that uses GoCoder 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 your video source.
4. Start your video source in the GoCoder app.
5. Confirm that the connection 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
6. Click **Stop Live Stream** at the top of the live stream detail page to end your test stream.

**Manage authentication**

By default, Wowza Streaming Cloud secures GoCoder connections by requiring a username and password to authenticate. You can, however, manage or remove incoming security in Wowza Streaming Cloud.

1. On the **Live Streams** page in Wowza Streaming Cloud, select the live stream that uses GoCoder as its video source.
2. Click the **Video Source and Transcoder** tab and then click **Edit**.
3. Under **Incoming Security**, do any of the following:
   - If you don’t want to use authentication with GoCoder, select **Disable authentication**.
   - If you want to change the username or password, select **Change source username and password** and enter new values in the **Source Username** and/or **Source Password** fields.
4. Click **Save**.

**More resources**

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