



Live Streaming

Regular ClickMeeting accounts are perfect for meetings and webinars, whether they are academic or company presentations, online lessons, or training sessions. Streaming is an additional feature available on-demand for customers who prepare big events and want to stream them online in HD quality. This advanced feature allows organizers to broadcast the live event using multiple cameras and camera angles.

Here are the differences between the regular ClickMeeting audio-video settings and those for live streaming:

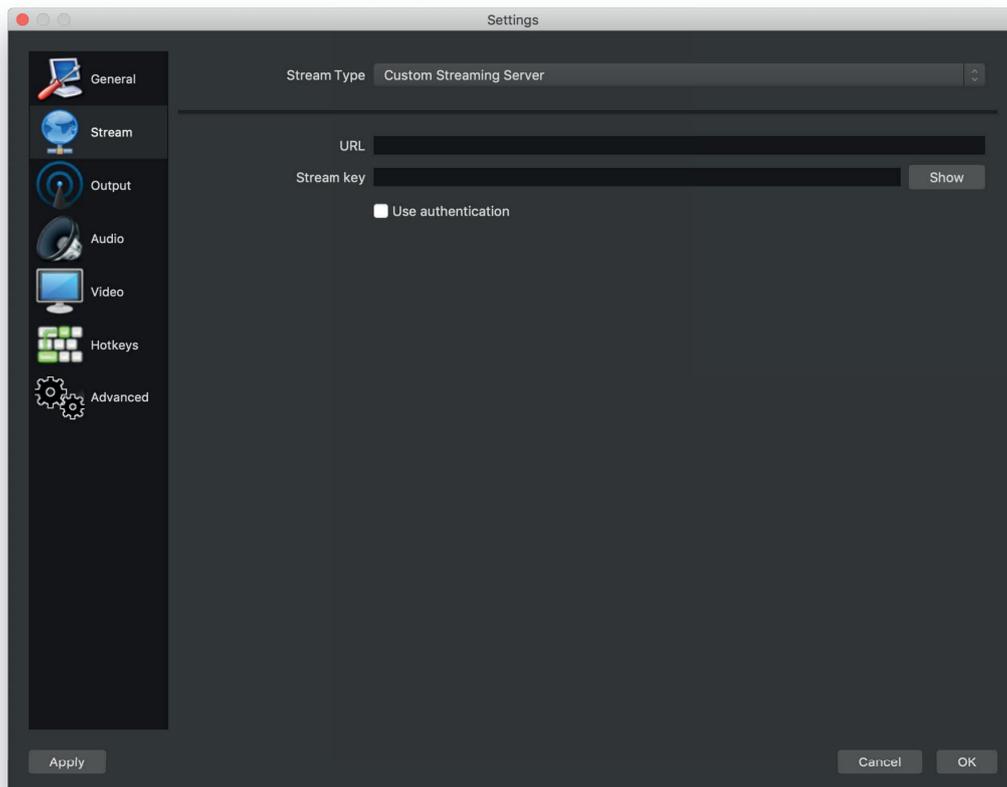
	Regular audio & video pod	Live streaming
Resolution	The resolution depends on the following parameters: connection quality, amount of available RAM, and processor capacity. It is adjusted dynamically during the event.	Up to HD (if needed, depending on the screen in use; generally, we recommend lower resolution and higher video bitrate). For live streaming, each user needs higher bandwidth for a download speed of at least 3 Mbps.
Camera	Only a web camera (you can use a regular video camera with a webcam emulator).	You can use professional cameras and mixers.
Frames per second (frame rate)	20 fps	Up to 30 fps (can be adjusted)
Wide screen (16:9) ratio	Not available	Available (if needed)

The recommended parameters for stream resolution are 720 p, while the bitrate should be between 1 and 2 Mbps.

To use the live streaming feature, you must have a streaming encoder installed, [such as OBS](#). It's free and works well for most of the cameras which our customers use. Alternatively, you can use Wirecast that offers some additional features. You may use other encoders but be aware that ClickMeeting has only tested OBS and Wirecast encoders and cannot advise you on other solutions.

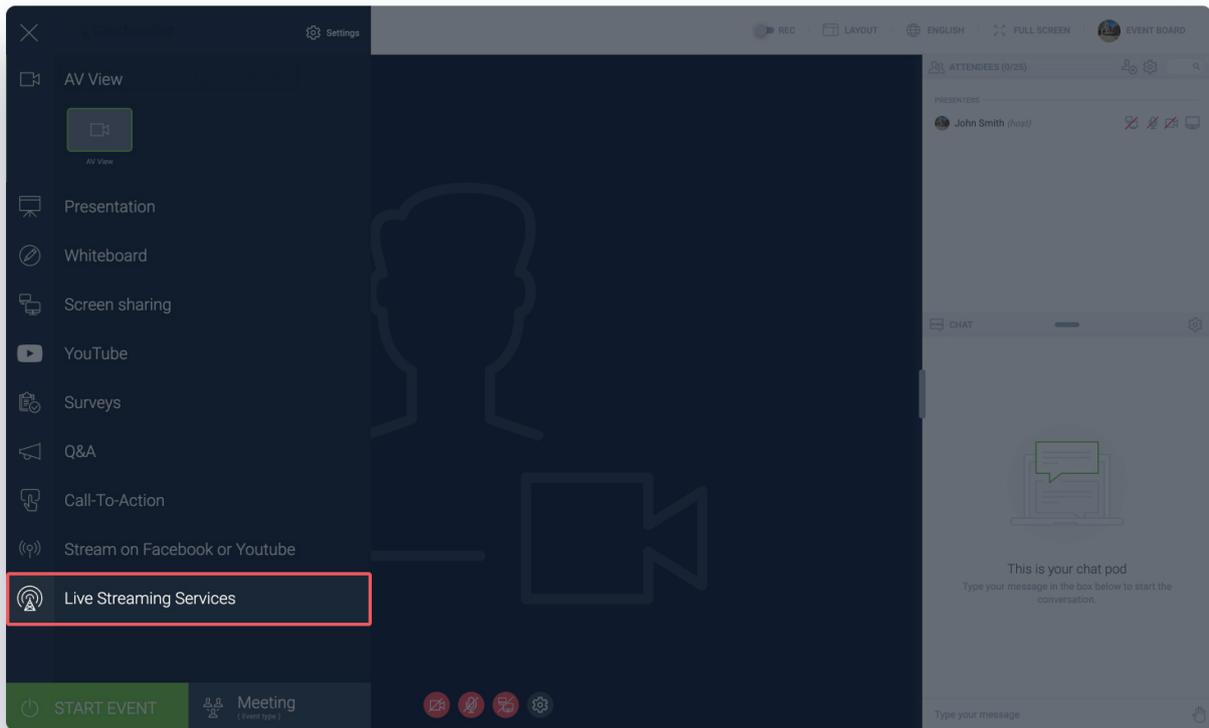
Here's how to set up your streaming account with OBS:

1. Open the OBS encoder and adjust your settings to match those on the screen below. You will receive the FMS URL from one of our sales representatives after purchasing the service, but it's up to you how you name your stream (for instance, streamtest). Please bear in mind that the entered stream name should be the same in the application as well as in the event room. Provide both elements to your OBS program when you're ready and start the stream within the software.



When you finish the setup, click OK.

2. Enter your event room and go to the Live streaming services icon available on the left-side menu.



3. Enter your FMS URL and the stream name.

A screenshot of the 'Live Streaming Services' configuration window. The title is 'Live Streaming Services' with a green icon. Below the title, there are instructions: 'Instructions for Live Streaming Services' followed by a numbered list: '1. Give the camera and microphone permission.' and '2. Copy and paste server URL and Streaming Key in this window.' There are two input fields: 'Server URL' with the placeholder text 'Enter server URL' and 'Stream name/key' with the placeholder text 'Enter stream name/key'. A blue link 'Read manual' is located below the second input field. At the bottom, there is a green button labeled 'GO LIVE'.

4. When you click **Show to all**, you begin streaming your event live.

Please note that the Live streaming feature does not replace the standard AV pod. Therefore, it is not possible to display the Live streaming image and other event room functions such as presentation, whiteboard, or screen sharing.

If you need additional help, please contact our Customer Success Team or your Account Manager (if you've got one).