# Lecture Capture live broadcasting specifications and limits

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## About

Use this article to review lecture capture live broadcasting specifications and limits.

## Does Lecture Capture use RTMP or RTMPs for broadcasting?

Kaltura Lecture Capture uses RTMP for broadcasting.

## How many inputs are supported in the Kaltura Lecture Capture live event?

Live broadcasting with Kaltura Lecture Capture supports live streaming of the primary input only.

If a PowerPoint presentation is opened in a slide display, the slides will be converted to images and broadcast alongside the primary input, such that viewers get a dual-stream experience.

## Is the Kaltura Lecture Capture live broadcasting in real-time?

No, as with all live events, there is some latency (an average of 30-40 seconds) depending on the device, network quality, etc. This is in line with all live products and on-par with industry averages.

Because live events are one-directional, this does not impact viewer experience as the viewer is not aware that there is any kind of delay.

## Is the live broadcast experience with Lecture Capture the same as the VOD?

The first phase of live broadcasting with Kaltura Lecture Capture supports live streaming of the primary input only. If slides are available, they will be converted to images and broadcast along side the primary input, so that viewers get a dual-stream experience*.

The VoD experience records up to four inputs, will display all recorded streams, and gives viewers the ability to toggle between them. Slides are automatically detected (if

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configured) and set as chapters at their designated time stamps in the recording once complete for easy in-video navigation and search.

In both cases, can choose their own viewing experience: picture-in-picture, side-by-side, or focus on one stream over the other.

The PPT needs to be in presentation mode to be detected. Animations or videos embedded in slides will not be broadcast with the slide.

## Is there a limit to the number of concurrent live events?

Yes, the default limit of concurrent live events is 3. If you would like to change the limit, please contact your Kaltura Customer Care representative.

## Is there a limit to the number of viewers for each Kaltura Lecture Capture live event?

No, there’s no limit to the number of concurrent viewers.

## What is the quality of the Lecture Capture live stream dependent on?

The Lecture Capture live stream quality depends on the quality of the input and recording. Kaltura does not perform live cloud transcoding. The live broadcasting offered with Lecture Capture is passthrough only.

## What’s the maximum length of a live stream with Lecture Capture?

There is no limitation on the length of the recording or the size of the recorded file.

Please make sure there is enough disk space available for extra long recordings and enough bandwidth to upload the recording.

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