How to stream using Wirecast Software

REVISED 7/21/2021

Download Wirecast

Wirecast Software is paid software that will allow you to stream.

As of 7/21/2021 the latest version is 14.2.1

Download the latest version.

Get your credentials

Get your credentials

Click on stream credentials   Copy & Paste Stream credentials into Wirecast

Setup Wirecast
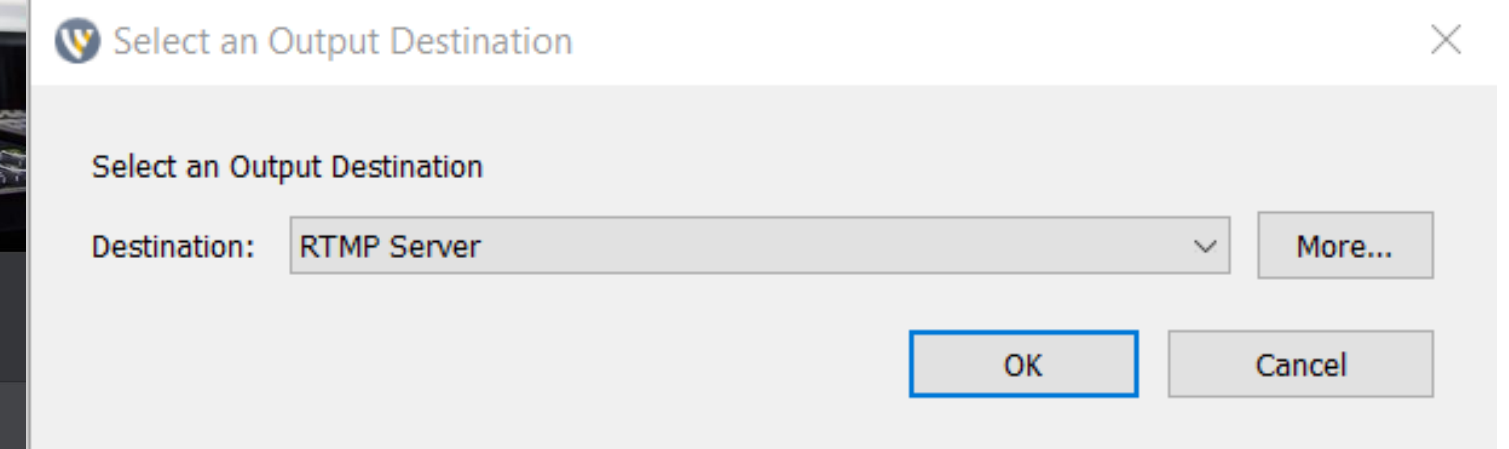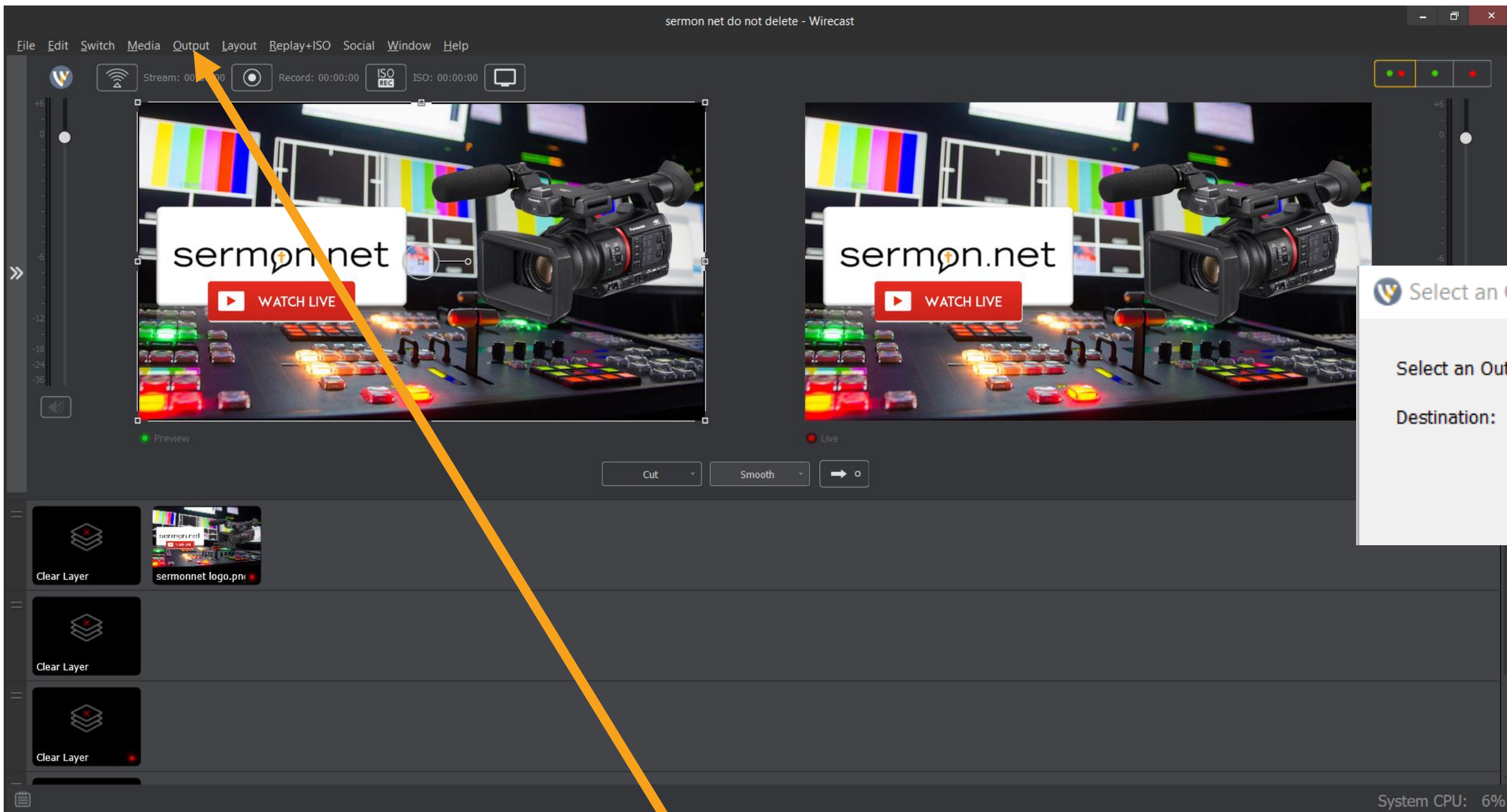
Click on Output > Destination is RTMP

Setup Wirecast

Output Settings

RTMP Server
- ☑ sermon.net

Name:	sermon.net
Destination:	RTMP Server
Encoding:	Default: 720p30 (2Mbps) x264 H.264
Audio Track Selection:	Track 1

Address: rtmp://stream.sermon.net:80/live/103667

Stream: livefor20712780_tb1628_in1_vb1500_ab128_fps

User Agent: Wirecast/FM 1.0

Bitrate: 2378 k

Location: rtmp://stream.sermon.net:80/live/103667/livefor20712780_tb1628_in1_vb1500_ab128_fps1920x1080?key=c1f8dfc6&rec=disk

Stream Delay: 0 seconds

Set Credentials...

Open FMLE XML File

More...

Map

Add...   Remove

OK   Cancel

Set your Name, Address is Server Key, & Stream Name is Stream Name/Stream Key

Bitrate & Resolution

Encoder Presets

Encoder Preset: Default: 720p30 (2Mbps) x264 H.264

☑ Video Encoding

Encoder:	x264
Width:	1280
Height:	720
Frames per second:	30
Average bit rate:	2250 kbits/sec
Quality:	3 - (Very Fast encoding) Default
x264 command line options	
Profile	Baseline
Key frame every	5 frames
☐ Timecode every	30 frames
	☑ Strict Constant Bitrate
	☑ Keyframe Aligned

☑ Audio Encoding (AAC)

Channels:	Stereo
Target bit rate:	128 kbits/sec
Sample rate:	48.000 kHz

Close   Delete   Save As...   Save   Help

Encode size(resolution)
SD 640x480 4x3 square
SD 640x360 16x9 widescreen
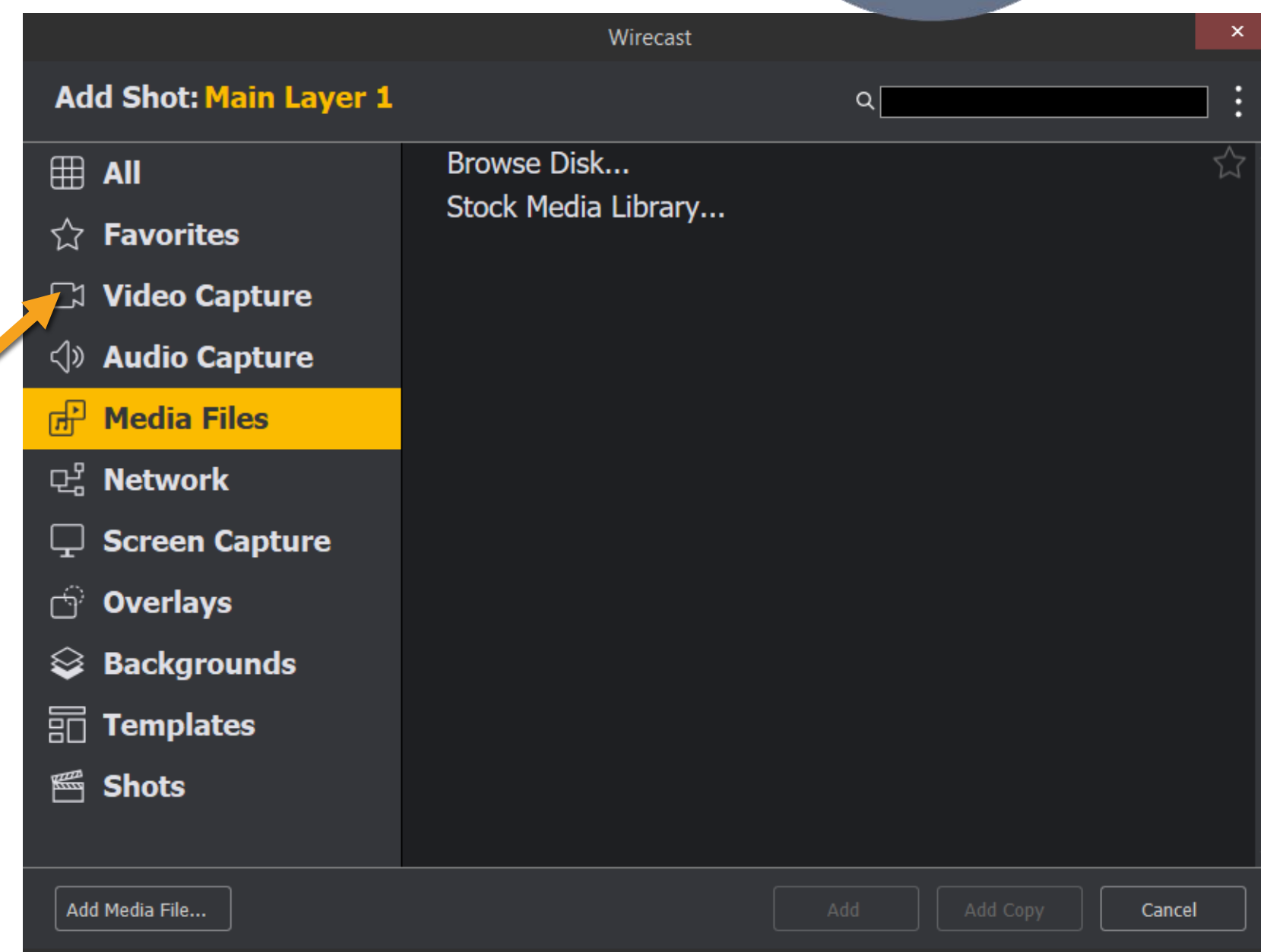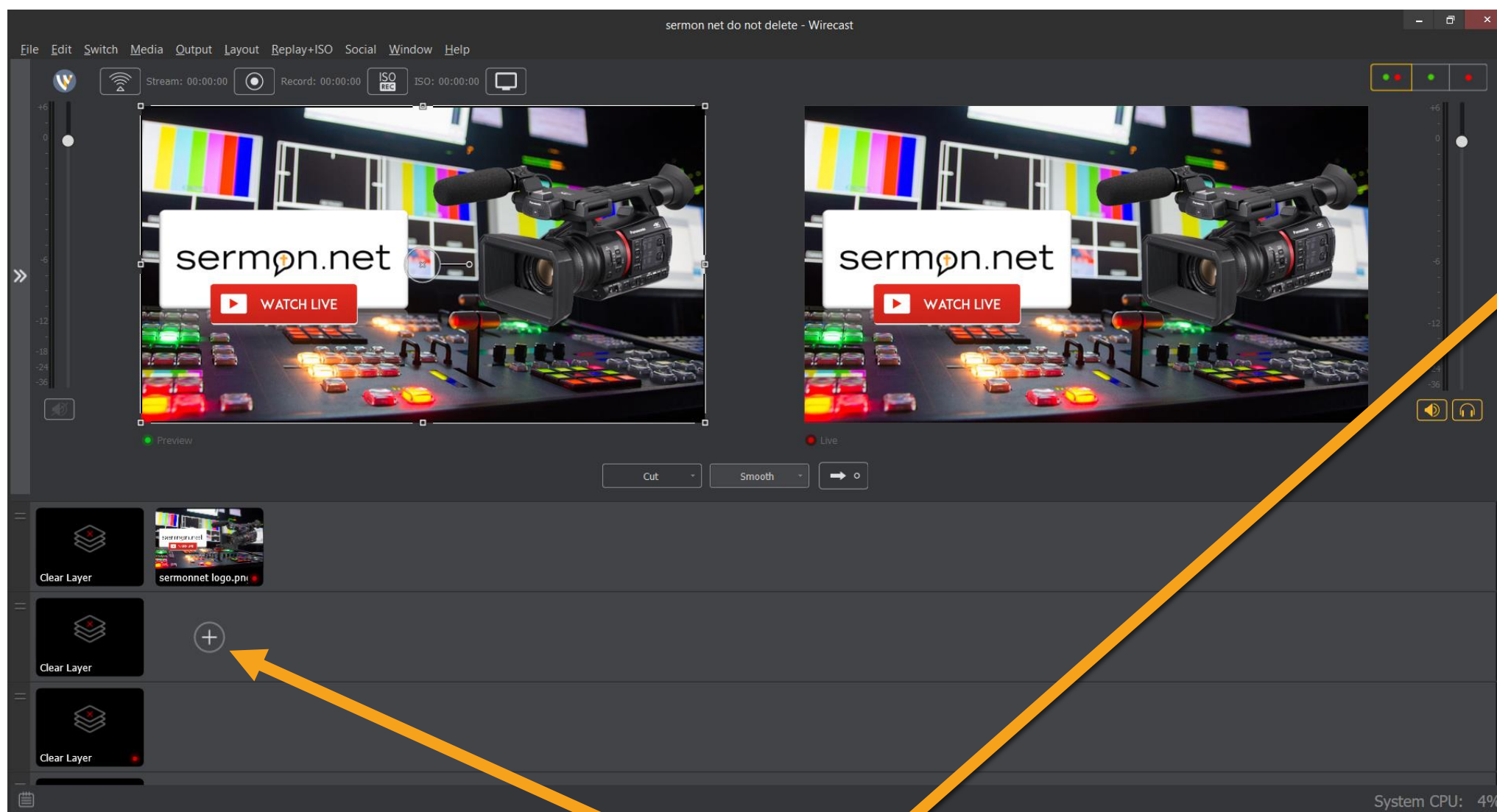---
HD 1280x720 16x9 widescreen
HD 1920x1080 16x9 widescreen

Video bit rate will need to be set from anything ranging from 800kbs to 2500kbs
.
This is just a suggestion. Set to what you need.
Audio will need to be set from 64kbs to 128kbs

On the encoding line click on the drop down > view profile > Set Resolution, Bit rate, Strict Bit Rate, Keyframe & Audio Bitrate
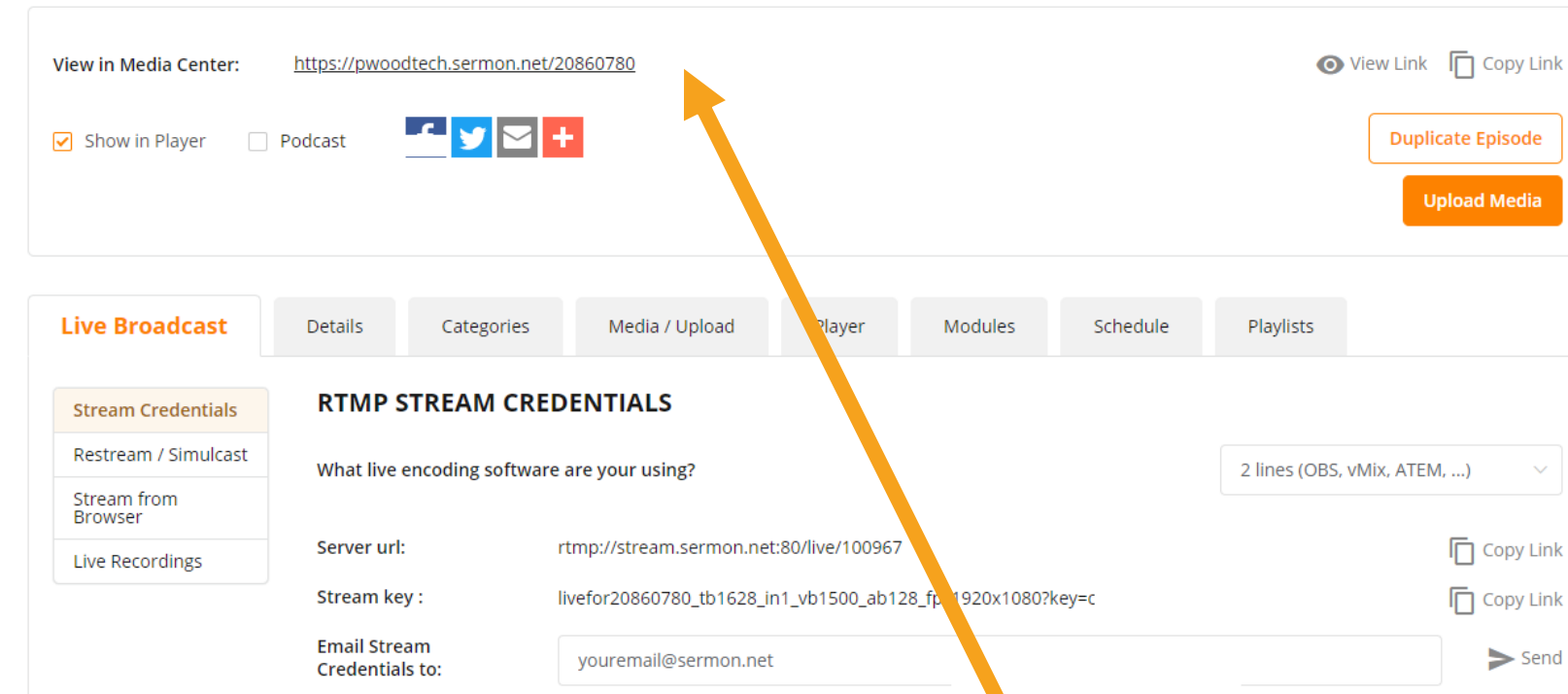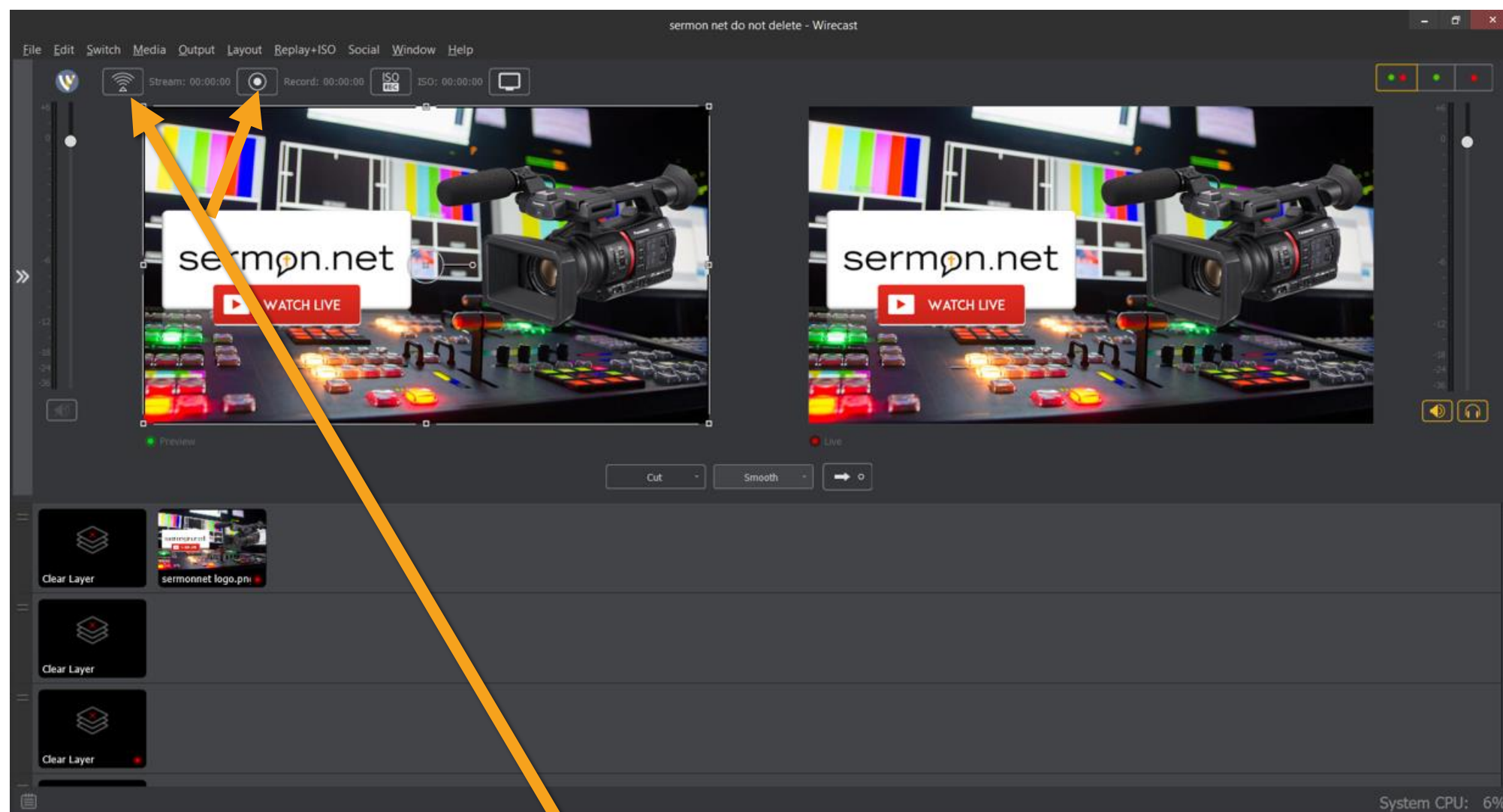
Add Your Input

Click + Plus Button – Everything is an input

Save Your Wirecast Profile
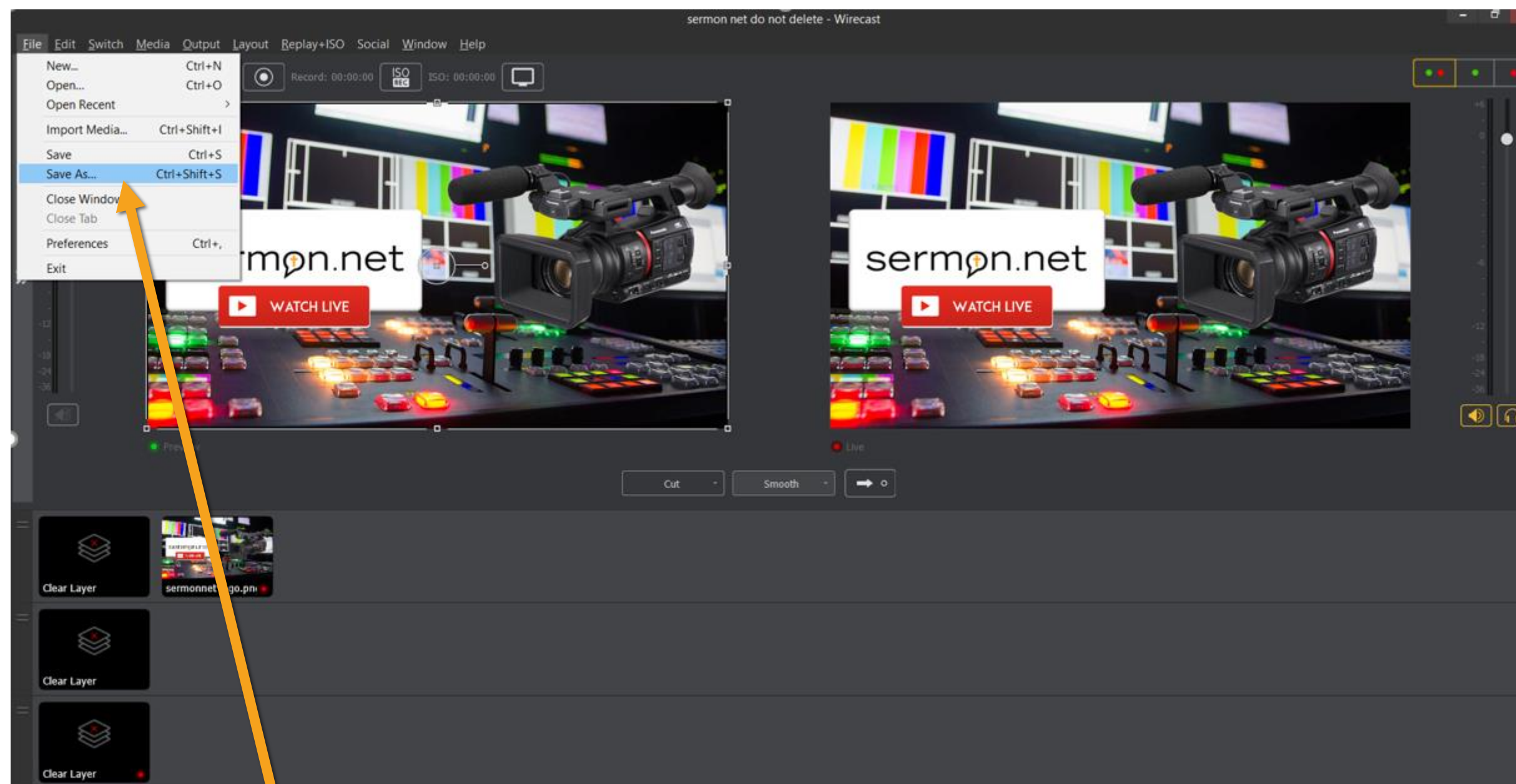
Save your work. Click the Save As Button to Save the profile. You can open your profile to have all of your settings.

Your Ready To Stream

View your stream with the View In Media Center Link within your live episode
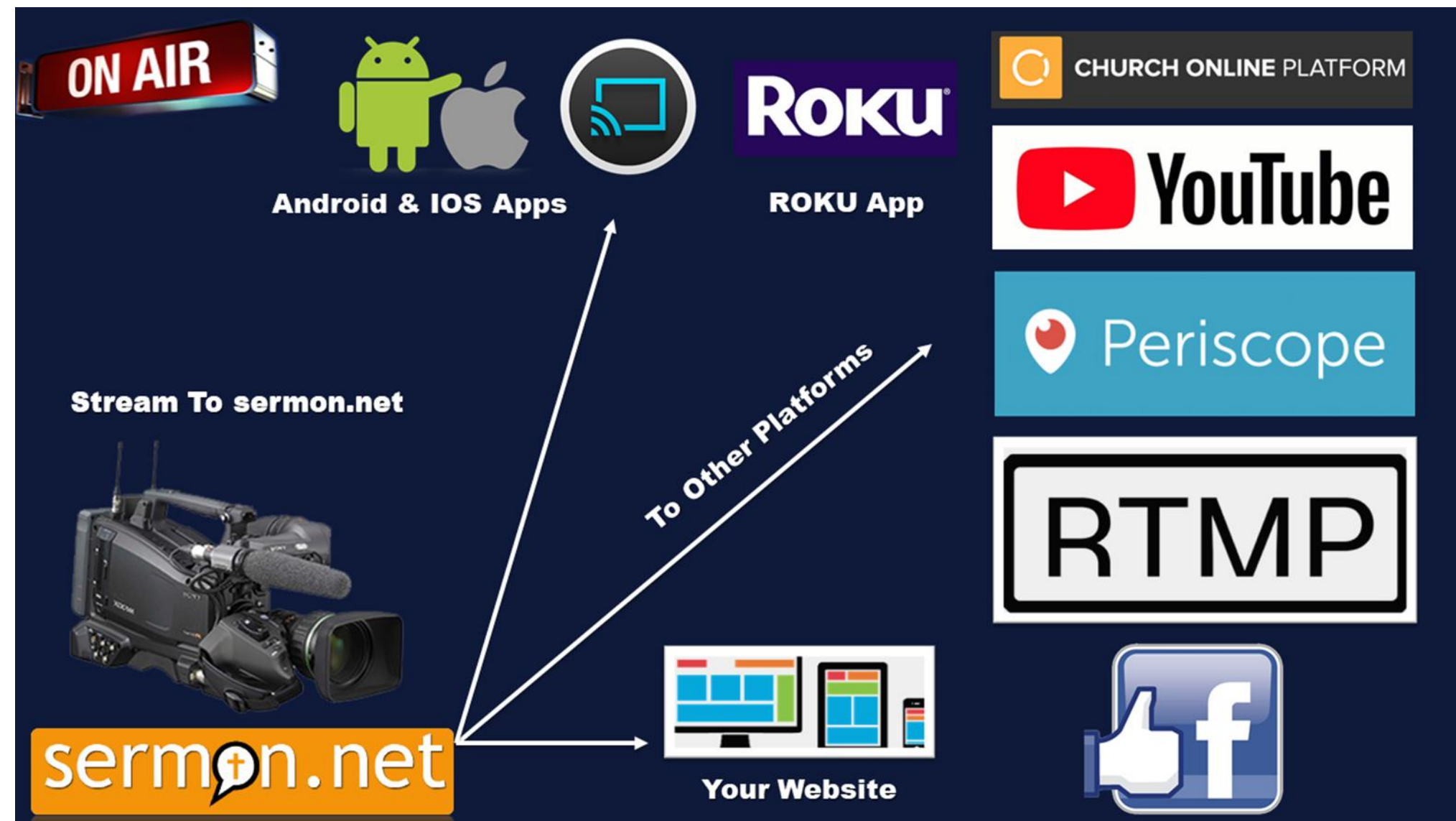
Best Practice

- If you are having trouble, please restart your computer
- To Start or Stop the recording – Press Record
- To Start or Stop the streaming – Press Stream
- If the stream breaks into several files. This means your stream will be dropping and you are overloading your computer.
- Wired Internet Connection Works the best

If you have any other questions, please let us know, we are happy to help. We do offer FREE remote assistance, if you could use some help let us know and we can set up a time to assist.

Weekly FAQ's Webinars
www.sermon.net/webinar

Restream To Other Platforms