



Live Streaming with Wirecast: Worship Edition
Beyond the Basics - Produce High
Quality Broadcasts of Your Services



10am PDT / 1PM EDT

The webinar will start shortly

Presenter



Stephen Heywood

Wirecast Support Services

- Stephen has been broadcasting for more than 8 years, using some of today's most widely used gear.
- He is also an Assistant Pastor and Media Director for his church
- Has been using Wirecast for nearly 7 years.

What You'll Learn in this Webinar

- In this webinar, you will learn more advanced techniques for producing high quality live-streamed services using Wirecast, as well as some troubleshooting techniques.

We will set up a Wirecast document that incorporates:

- PowerPoint or Pro Presenter slides
- Cropped shots
- Lower thirds graphics and a custom lower third graphic
- A logo or watermark
- A more complex composite shot (incorporating 2 or more sources)

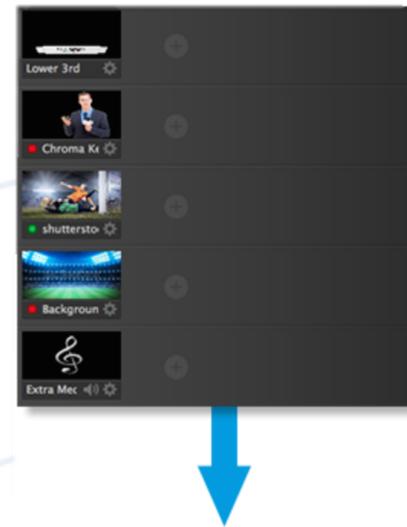
What is Wirecast?

- All-in-one live streaming production software
 - Lower thirds, Chroma Key, transitions...
 - Hymns, Psalms, worship slides...
- Works with existing worship software (EasyWorship, Pro Presenter, etc.)
- Mac and PC
- Extensive camera support
- Stream your computer desktop
- Stream to multiple destinations & record



Concept: How to use Master Layers

- Like a stack of papers, Layer 1 displays on top of Layer 2, etc.
- Shots on different layers can be seen at the same time or obscured by upper layers
- Red LED indicates shot is live
- Different ways of structuring your broadcast

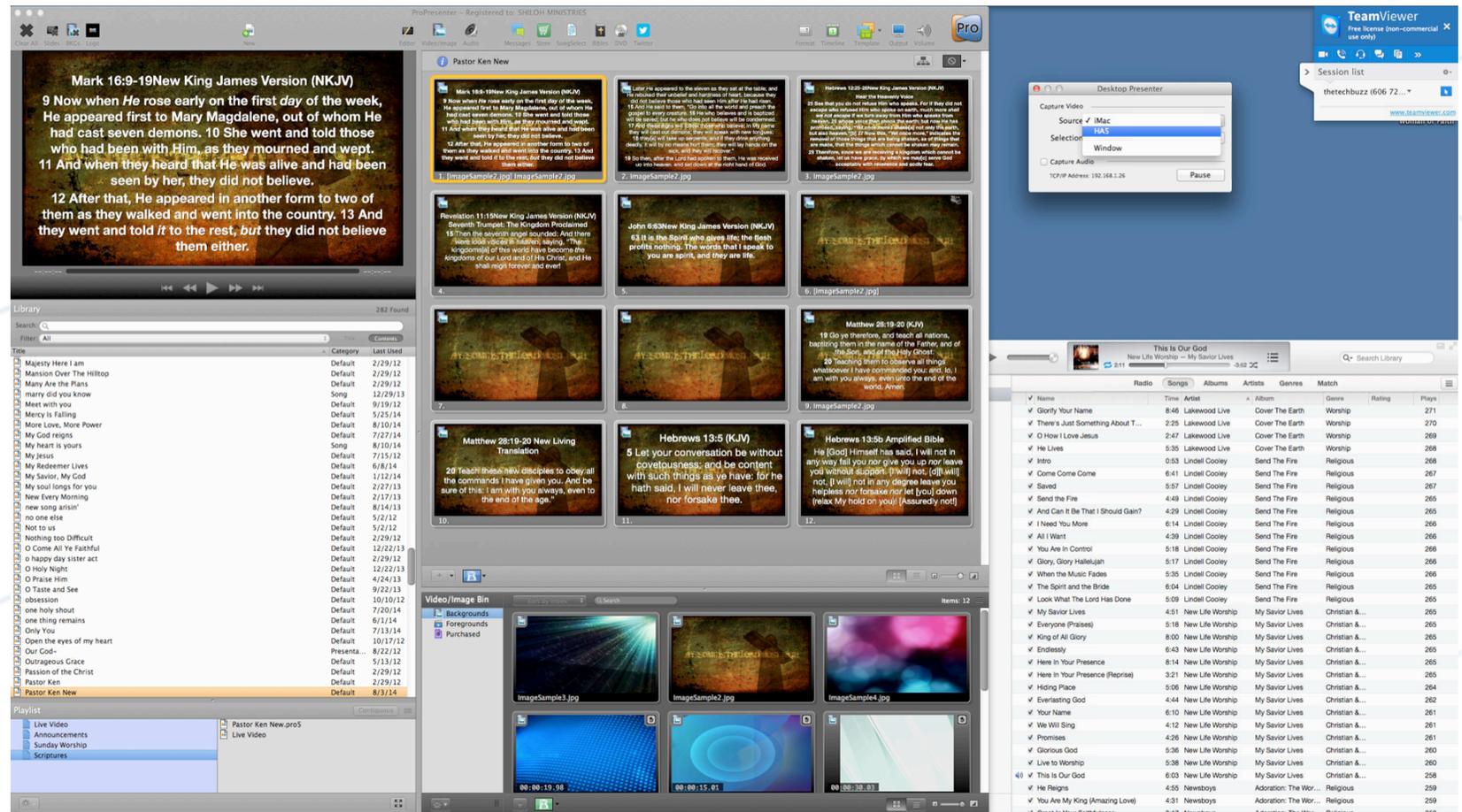


- ① Lower 3rds
- ② Chroma key
- ③ Main shot
- ④ Backgrounds
- ⑤ Extra media, etc.



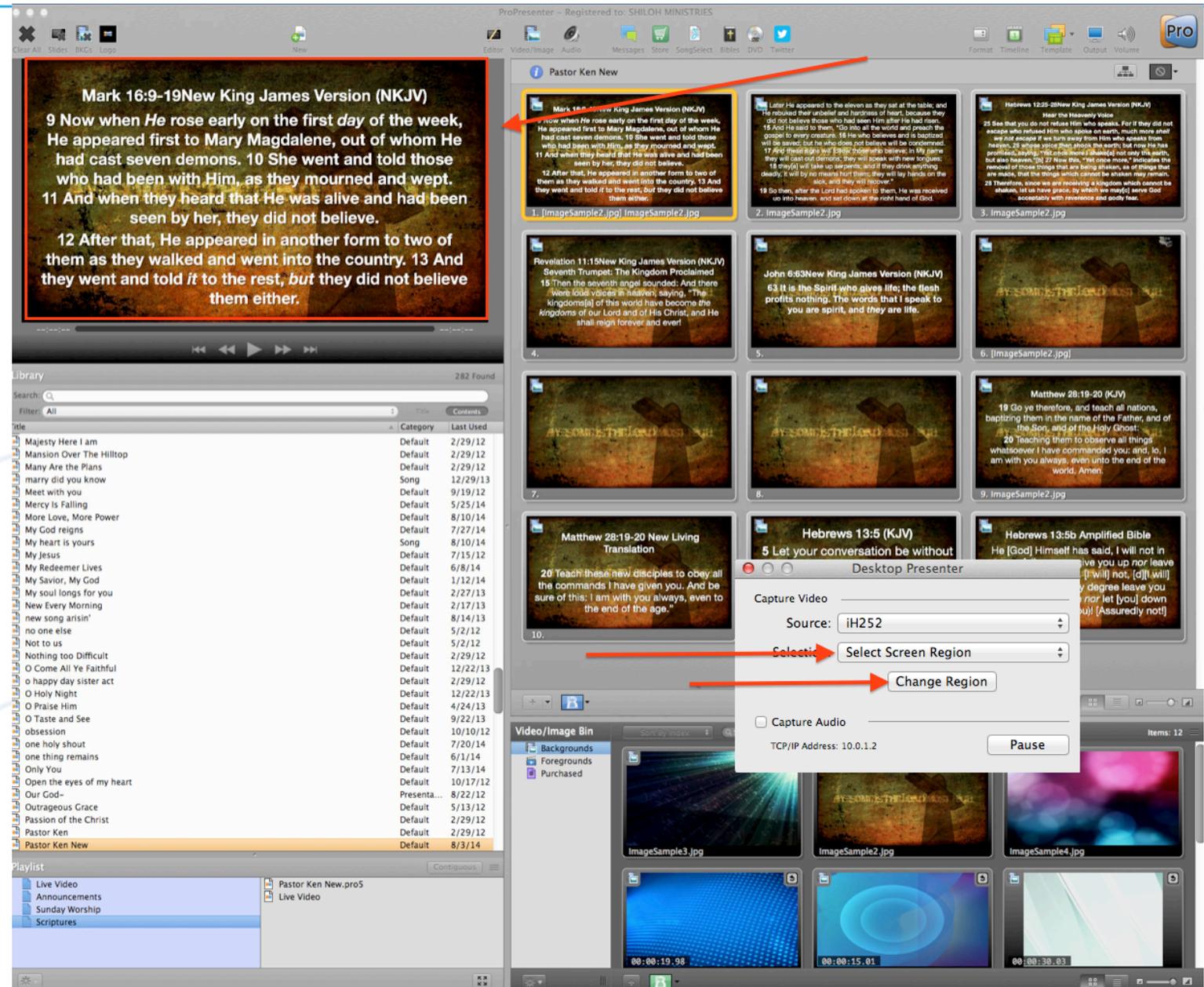
Step 1: Add a PowerPoint or ProPresenter shot

- Adding a PowerPoint or ProPresenter shot will let you bring in scriptures or songs.
- Open Remote Desktop Presenter
- Choose your projector or TVs
- Wirecast will see and stream the output of ProPresenter!



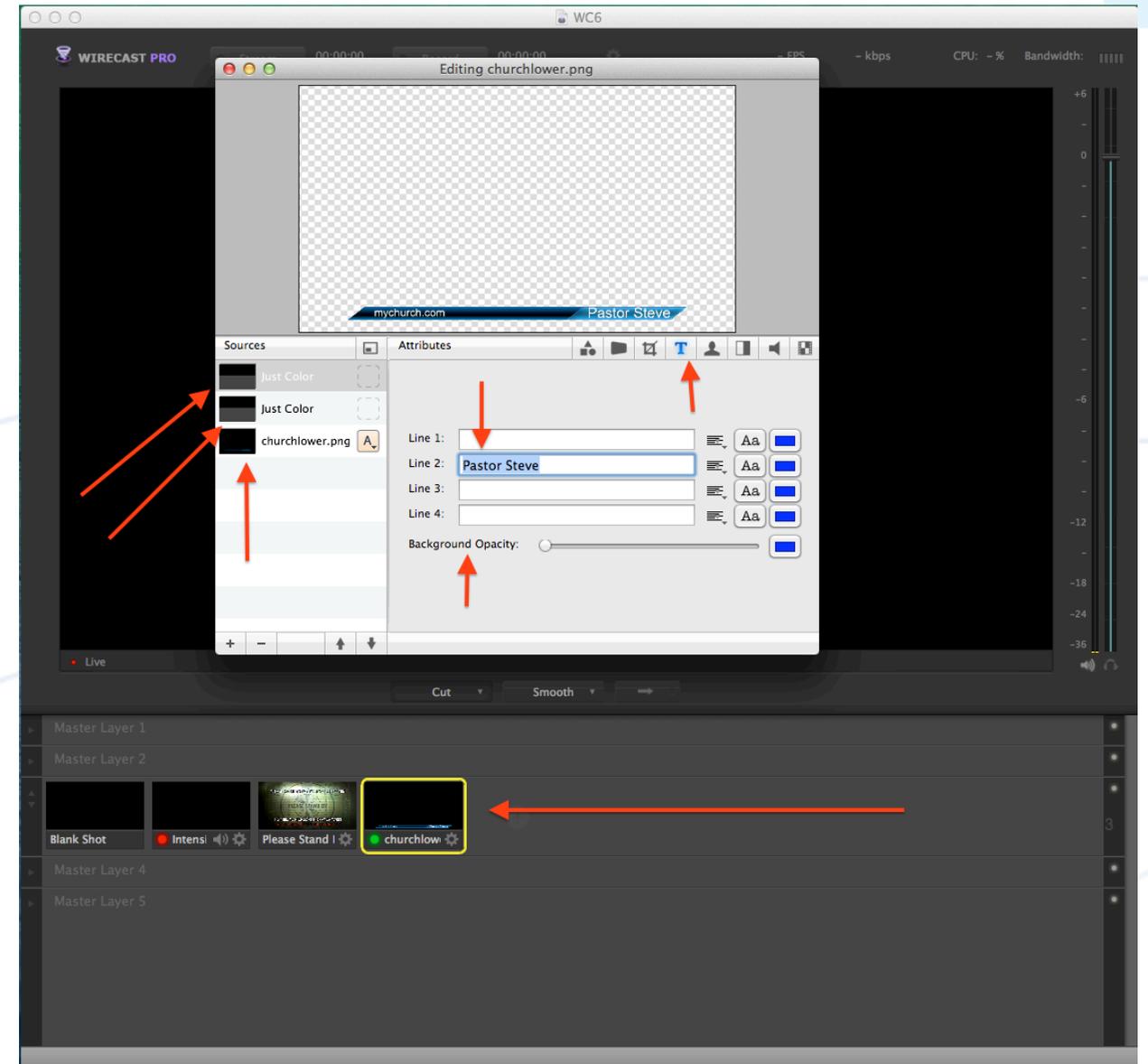
Step 2: Crop a shot

- Sometimes there is a possibility that your TV or Projector may not be recognized. This is where cropping your shot can come in handy
- Open Remote Desktop Presenter, choose “Select Region” and drag the cross hairs around the ProPresenter preview window on the left.



Add custom lower thirds graphics

- Maybe you are fluent with Photoshop and have created custom lower thirds.
- First drag your lower third graphic into Wirecast
- Double click it, and add a new source on the left x2
- Choose the lower third “Just Color” and turn off the Opacity
- Use Line 2 to type your text for each just color line, choose font, color
- Drag and position accordingly
- Then right click and duplicate the shot, so you can keep everything uniform and just edit the text.



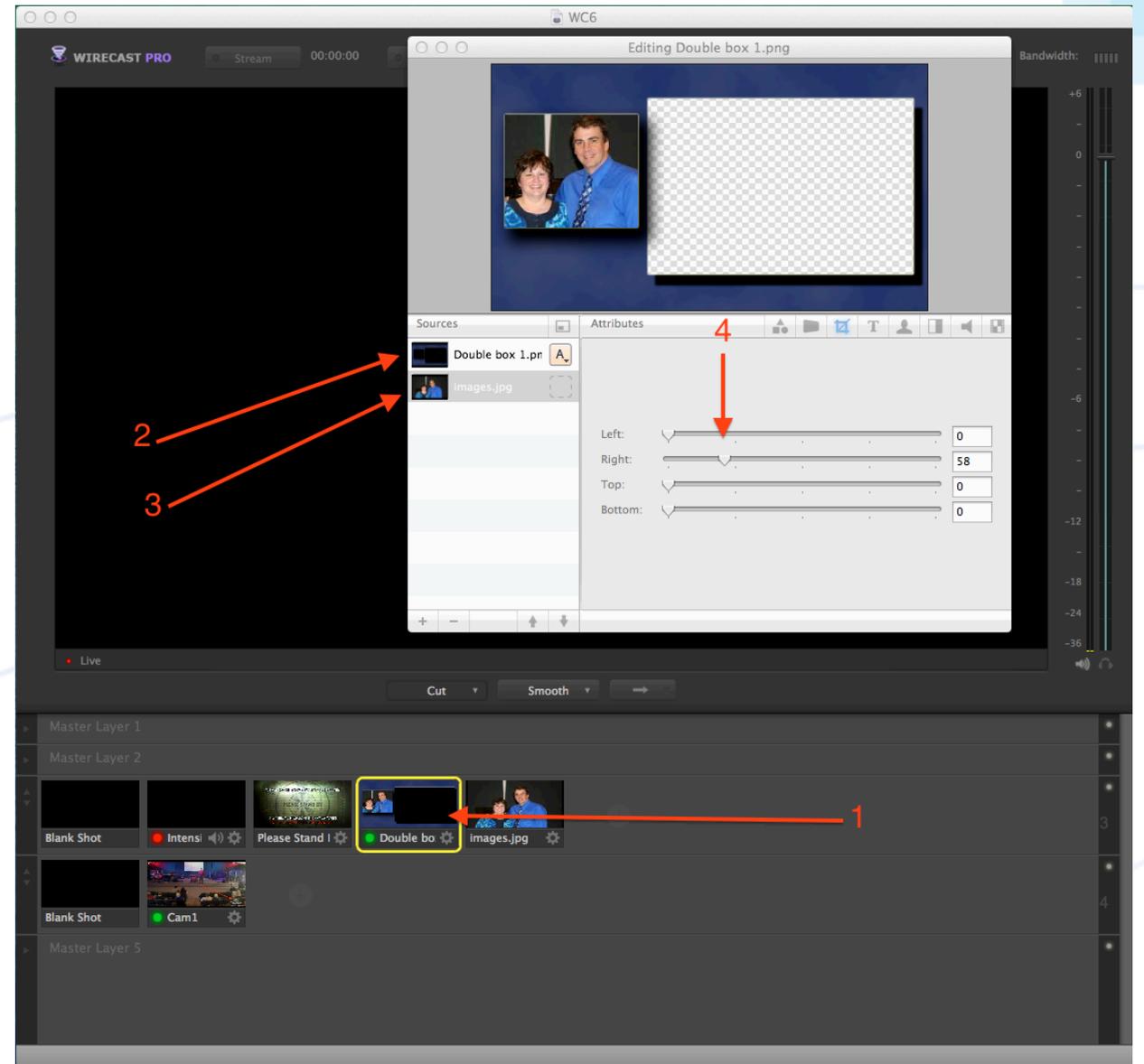
Add a logo or watermark

- By adding a logo 'bug', you can further brand your broadcast
- Simply select Master Layer 1
- Locate the image you created
- Position and size the logo within Wirecast
- It's best to create the image in Photoshop or a photo editing program with an alpha transparency and save as a .png file



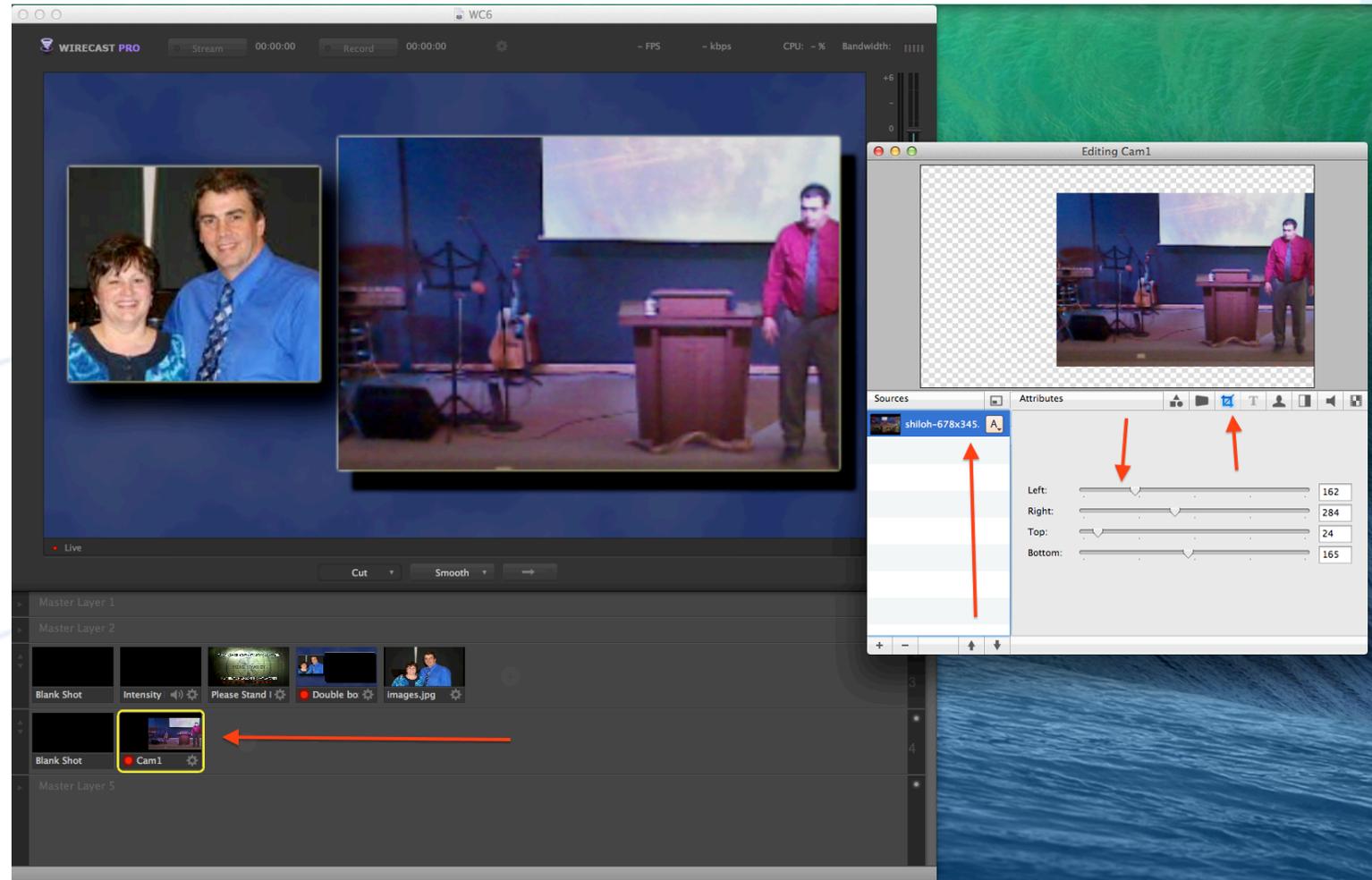
Create a composite shot Step 1

- Start by adding your double box shot
- Double click that shot and add your main camera (number 3)
- Leave the other area blank
- Crop the main camera as needed so you don't have any over hang



Create a composite shot Step 2

- Use Master Layer 4 (or whichever master layer, as long as it's a lower one)
- Add a second camera
- Double click it
- Crop as needed to get it to fit within the second box
- I add the double box template to size perfect, then remove it, so it's just the camera. (see Step 1)



Troubleshooting

- **If camera stops working or a ? mark appears**
 - Check the connection, converter, or power to the cameras/converters. They are usually the culprits.
- **Connection to CDN interrupted?**
 - Check your internet connection, make sure you're connected to the internet, it could be possible they are having an outage.
- **No sound, or audio stops working?**
 - Make sure to check the obvious - cables, and the MUTE button on the mixer. You don't know how many times I've seen this in churches!



Creating a back up plan

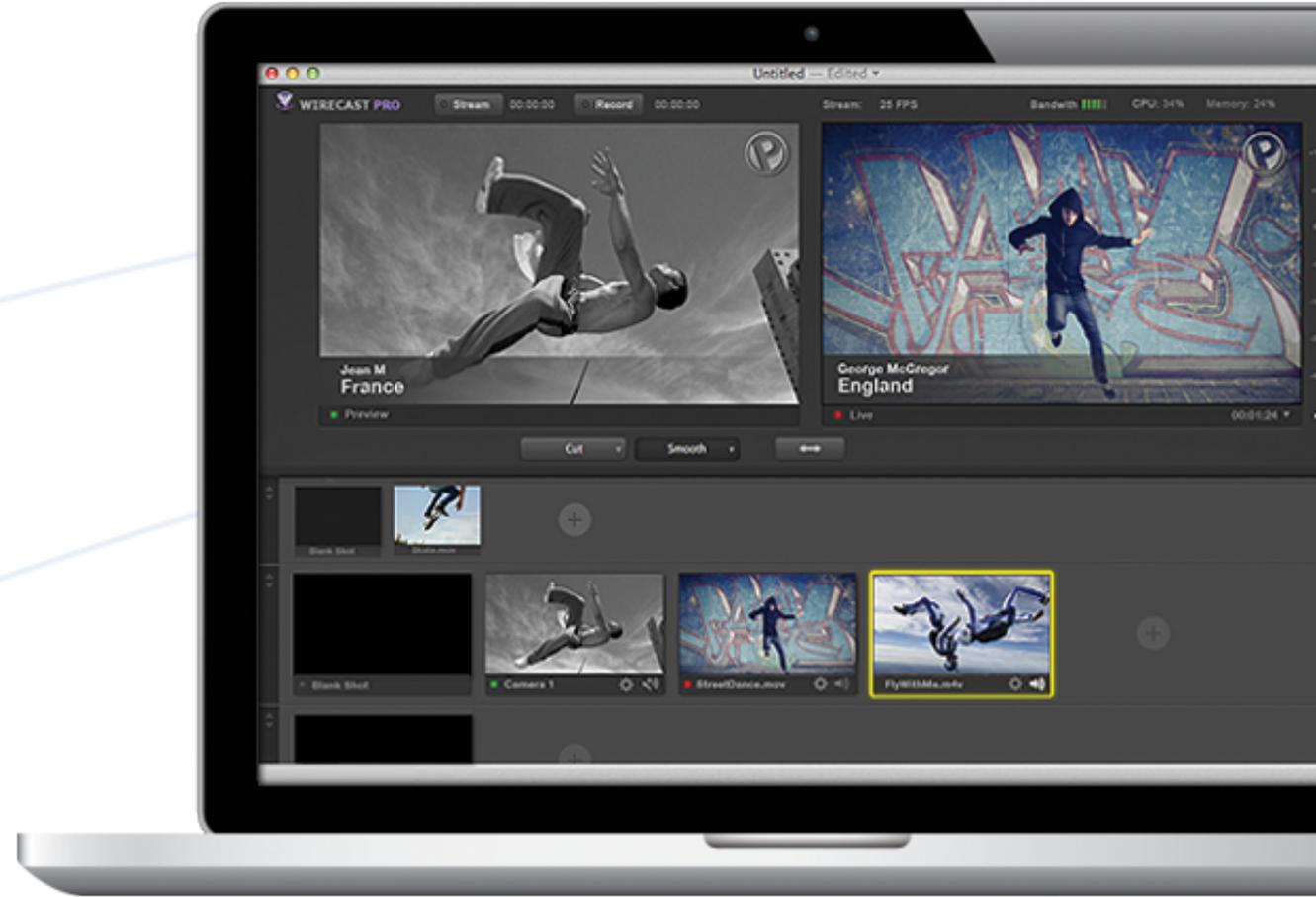
- Back up streams?
 - Back up equipment?
 - Back up clips for online viewers?
 - The show must go on!
-
- We always have a laptop ready, willing and able to go live in a pinch. You never know when a capture card will die, converter and or computer!



About Wirecast



- Launched in 2004
- **The market leading streaming software**
 - Product of choice for popular CDN's. World's largest CDN's rely on Wirecast for their live streaming production
- **Award Winning:** *Streaming Media* Readers' Choice award winner for 3 years running
- **Easy to use:** Church volunteers can be trained to operate in just a few minutes.
- **Flexible:** Doesn't restrict you to stream to one proprietary CDN.
 - Over 200+ presets for major streaming servers, CDN's and streaming services.
 - Stream and record at the same time



Resources to Support Houses of Worship



- **E-book:**
 - Church Broadcasting on a Budget



- **Case studies**
 - Shiloh Ministries
 - Phillips Street Church of Christ
 - Van Buren First Assembly of God



- **Webinars**
 - Church Broadcasting Setups for any Budget
 - Streaming Solutions to Reach your Online Congregation
 - Train Your Volunteers to Stream Your Services Live

Go to: <http://www.telestream.net/wirecast/resources.htm>



Summary

- What is Wirecast
- Master Layers
- Adding Powerpoints or Pro Presenter slides
- Cropping shots
- Adding lower thirds graphics and a custom lower third graphic
- Using a logo or watermark
- Incorporating more complex composite shots (2 or more sources)
- Selecting and using transitions between shots
- Troubleshooting tips
- About Wirecast

More Information

- Get started with Wirecast! Download a free trial: www.telestream.net/wirecast
 - 10% non-profit discount: www.telestream.net/non-profit.htm
- Register for more webinars in *the Live Streaming with Wirecast: Worship Edition Series*:
 - **Sept 10:** Beyond the Service – Broadcast Your Special Events



Questions?

Thank You for Attending

You will receive an email with links to the slides and recorded webinar in a few days

Please hold...

We are experiencing technical difficulties. Please stand by.

We'll be right back. 21