



PTZ OPTICS CASE STUDY

HOUSE OF WORSHIP

PARTNERSHIP SUCCESS STORY

Learn how this house of worship uses live streaming

The Holy Transfiguration American Coptic Orthodox Church's system includes a Wirecast Gear, which features 4-ports of SDI video inputs and a premium license to Wirecast Professional. The system also includes the xKeys Wirecast Control Surface which really makes life easy for church volunteers. The 124 button control surface features customized buttons for almost every action inside Wirecast. Church volunteers enjoy the colored buttons allowing anyone to quickly learn how to use the system. The church has 2 PTZ Optics Cameras mounted to the walls and connected with Ethernet for power, video, and control using the NewTek® NDI®. All of the video sources in this system are connected via NDI® including an Apple TV connected to a NewTek® Connect Spark to provide wireless PowerPoint slides for presentations included in the video production. Finally, the Holy Transfiguration American Coptic Orthodox Church plans to use the LiveU Solo wireless streaming pack for an upcoming community outreach program. The LiveU Solo will allow the church to live stream on the go and share with their congregation worldwide, what their local Chino Hills branch is up to.

SETUP DETAILS



PTZ Optics NDI® Cameras
PTZ Optics pan, tilt, zoom NDI® cameras are perfect for live streaming. Set over 200 presets and capture video over NDI®.



Wirecast Gear
Wirecast offers live streaming production software and hardware. It allows you to live stream, record, and output video.



NewTek Spark, LiveU, XKeys
The LiveU Solo cellular bonding technology allows you to stream from Anywhere. Use the NewTek® Connect Spark to take advantage of IP conversion. Control your stream with The XKeys buttons.



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Broadcasting in HOW

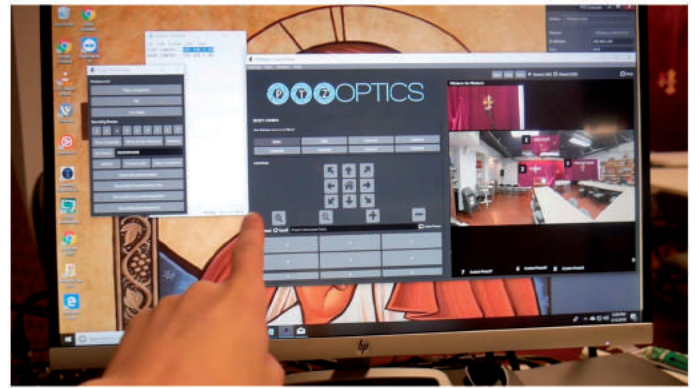


- **Community Outreach:** The LiveU Solo gives this church the ability to take their stream mobile with cellular bonding. Share community events beyond your church walls.
- **Video Over IP:** The NewTek Connect Spark is excellent for wirelessly sharing presentation slides, video content, and more, all wirelessly over WiFi.
- **Volunteers:** This system includes the XKeys Wirecast Control Surface, the perfect pairing with the gear. The pre-programmed keys reflect the features in Wirecast. This allows the church to seamlessly call graphics, video, camera shots, and more. This is a great feature for volunteers.

STREAMING HARDWARE



The church uses the Wirecast Gear as their streaming production system to provide high quality streams and recorded videos to their audience. This unit includes four ports of SDI inputs, eliminating the need for external capture devices.



The above photo highlights PTZOptics Camera Control Application, available for MAC & PC. Adjust camera settings, set and call presets, control the camera, all from your computer. A great tool for volunteers with a user friendly interface.

PTZOPTICS CAMERA TEST FOOTAGE

[Download our test footage for camera quality](#)

Access more info on the cameras, raw test footage, and more case studies for education on our website. Access the test footage here:

<https://ptzoptics.com/landing/test-footage.html>



Check out our book by Paul Richards titled, "Helping Your Church Live Stream". Share with your congregation as an introduction to live streaming and growing a community LIVE. Find it on Amazon and Kindle.



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