



Shiloh Ministries Broadcasts the Word with Wirecast



“With Wirecast Pro, we’re able to produce a very high-quality video presentation that beautifully represents our Church and the message we want to share.

While Wirecast Pro gives us a sophisticated, full-featured video production set-up, the workflow is still practical, affordable, and easy to use.”

- Pastor Stephen Heywood,
Media Director, Shiloh Ministries

- ✓ Sermons streamed live and on demand
- ✓ Multi-camera HD productions made easy using Wirecast

Shiloh Ministries needed a cost-effective way to broadcast their sermons to people around the world and produce high-quality presentations for two large-screen video displays in the sanctuary of their Mercer, Pennsylvania church.

The Background

Shiloh Ministries is a non-denominational church in Mercer, PA whose congregation attends worship services, prayer nights, weddings, baptisms, holiday services, and other events.

Through their streaming media outreach, the congregation also includes members from around the world that watch the sermons live and on demand using browsers and connected mobile devices. Live services and archived sermons, which can be accessed at www.shiloh-ministries.com/live, are streamed via the Church’s Ustream.tv channel.

The Challenge

Shiloh Ministries needed to produce captivating HD video presentations during worship services for display on two-large video monitors at the front of the sanctuary as well as in media players on computer and mobile screens. The video needed to enhance and support worship services by showing the pastor speaking, close-ups of ceremonies, and musical performances, as well as text of biblical scriptures, music lyrics, and announcements.



Visit <http://bit.ly/16ahZ88> to view an in-depth tour of the Shiloh Ministries live streaming setup.

The solution needed to be:

- Cost-effective
- Easy to set-up
- Simple to operate, even for volunteers with no video experience
- Capable of switching between multiple HD cameras
- Able to control text, graphics, and audio from a single user interface
- Capable of bringing media elements from Internet-based sources into the live show

The Solution:

Shiloh Ministries chose Wirecast Pro live streaming production software from Telestream to deliver HD video presentations to monitors in the sanctuary and their Internet channel simultaneously.

Their unique set up included:

- Wirecast Pro software from Telestream
- Desktop Presenter software from Telestream
- Apple Mac Pro tower (12-core with 8 gigs of RAM) for the Wirecast production, and an Apple iMac running Desktop Presenter
- Four Canon Vixia HV40 HDV HD video cameras on tripods
- Blackmagic Design DeckLink Quad SDI video capture and playback card

- Four Blackmagic Design HDMI to SDI converters
- Yamaha audio mixer
- Two 60-inch video monitors mounted atop pillars on either side of the stage
- LED lighting

The productions:

A single technical director (TD) can produce the entire multi-camera live show using Wirecast Pro to switch between the four cameras. Three cameras are situated in the sanctuary, on the left side, right side, and rear of the room. A fourth camera is positioned in the sound booth overlooking the sanctuary. Four-foot HDMI cables run from each camera into small, wall-mounted HDMI to SDI converter boxes, and the SDI output cable runs along the ceiling to the sound booth overlooking the sanctuary.

This loft, which doubles as a video production control room, houses the DeckLink capture board that feeds the four SDI camera signals into the two Mac-based Wirecast Pro/Desktop Presenter systems. The Macs are on either side of a large Yamaha audio mixing board used to mix sound for the live Wirecast presentations without disrupting house audio.

The Results:

The TD can grab video or stills from Internet sources using Desktop Presenter software on the one Mac, and bring it into the live show being switched using Wirecast Pro on the other Mac. These video elements along with CG text and graphics are usually presented full-screen, split screen, or as picture in picture displays. Wirecast Pro automatically streams video via Ustream, a content delivery network (CDN) that delivers the video in media player windows on its Ustream.tv channel, accessed from Shiloh's website.

About Shiloh Ministries:

Pastors Ken and Linda Woods founded Shiloh Ministries and their team includes Assistant/Youth Pastors Stephen and Erin Heywood. Pastor Steve also serves as the media director. Shiloh Ministries is located at 868 Route 58 Mercer/Grove City Road in Mercer PA 16137.

For more information call (724) 977-8133 or visit www.shiloh-ministries.com.