

St. Timothy's Episcopal Church  
June 10, 2020

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# Proposal for

## Video Streaming System for Sanctuary

# I. Summary

## The Need

Over the next 12-18 months we will have a significant portion of our congregation that will not be able to attend church due to the COVID-19 concerns. We need to allow those unable to be present at St. Timothy's to worship with us and still be an active part of our congregation.

Even after the pandemic timeframe, there is still a need to minister to those that are house-bound, traveling, etc. We can offer these streaming and recording services for baptisms, weddings, memorial services, concerts, and other special events as well.

## The Vision

Develop a video streaming system that:

- Could provide quality video and sound with a real-time stream to the Internet for viewing and long-term storage
- Includes professional-level production-quality hardware and software
- Integration of church service bulletin, additional graphics, etc. displayed in video stream
- Can be set-up and pre-programmed for simple operation with 1-2 hours of training

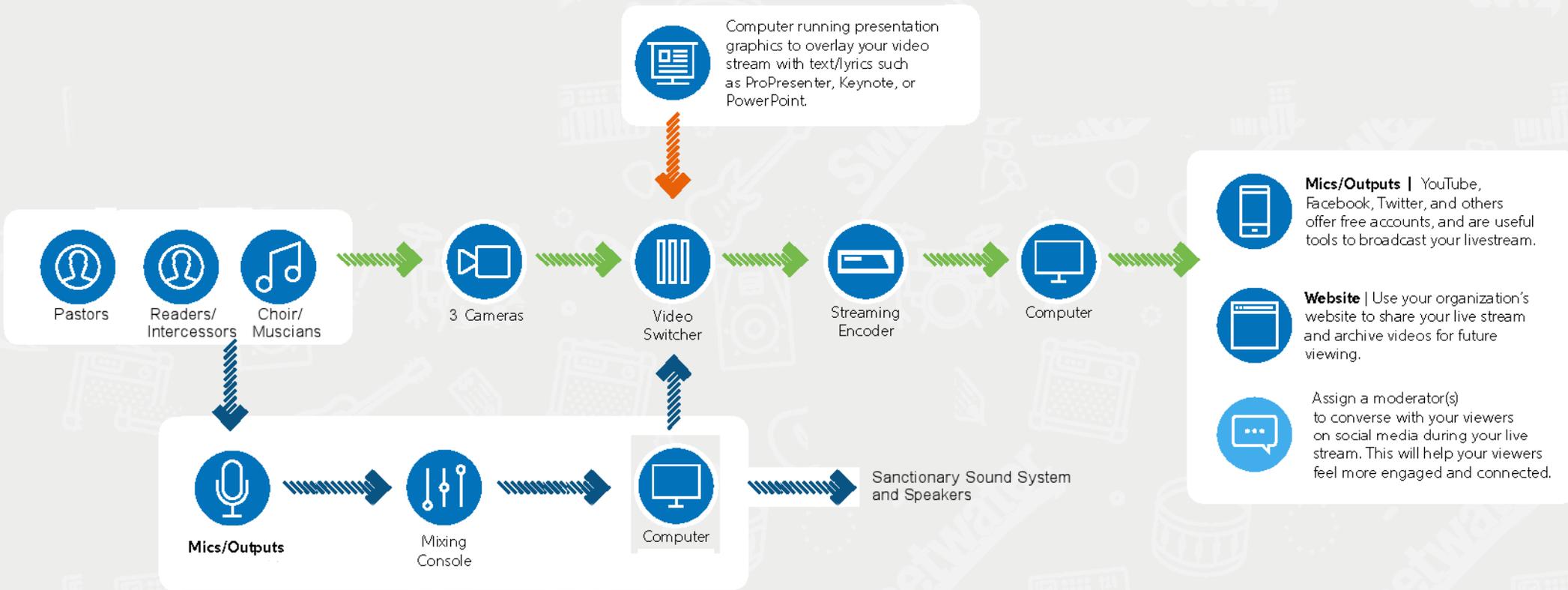
Additional capabilities (with the optional equipment with \$40K budget) could include:

- A pre-service meet and greet by our greeters, vestry members, and/or pastors
- Incorporation of remote readers, intercessors, etc. (from home or other locations) into live service and stream
- A virtual visit from the bishop, or others into the live service and stream
- After the service, an interactive Zoom coffee hour from Grace House Conference Room between church attendees and the home-bound or traveling members
- Bible studies (formation classes), meetings, etc. from Grace House Conference Room with remote viewers

## The Project

- A basic system price range of \$25-30K. Additional feature options ranging from \$3K to \$15K.
- Acquisition, installation, integration, set-up and testing, and training to be done by Ryan and Rand Mahoney, and Don Perry (pro-bono). Approx.: 4-8 weeks.
- Purchase and deliver of equipment: estimated 2-6 weeks.
- Total time (acquisition to operational): 6-10 weeks.

# Live Video Streaming System



# Appendix C – Resume for Rand Mahoney



Rand Mahoney has had many, many years of experience in photography, video, and audio production. Rand is a retired analytical chemist having worked in the pharmaceutical and scientific instrument industries. Currently he works full-time professionally for the Boy Scouts of America. He is also part of the Communication Reserves for the San Ramon Valley Fire Prevention District where he does radio and data commutations, including RF work (wireless data & radio equipment) and network systems.

Rand started over 45 years ago as a part-time professional photographer for Pacific Lutheran University while attending there. He also had his own photography business doing proms, weddings, and free-lancing.

30 years ago he got involved in doing video as a hobby and started with linear video editing (a real challenge compared to nowadays techniques and hardware).

20 years ago as an analytical chemist Rand worked in Product Marketing, where he put his photography experience to use and developed a working knowledge of video production as he worked closely with a video production company to produce much product marketing materials for a number of years.

At about the same time he got involved in audio production by assisting with the sanctuary sound system at Peace Lutheran Church (Danville). In 2007 he and his family moved to St. Timothy's and shortly thereafter he became one of the main soundboard operators at the church. He also provided audio recordings of the sermons for posting on the church website, where he was the webmaster for many years.

Rand was the audio engineer for many of the St. Timothy Musical Productions. Both he and his son Ryan also filmed and produced a number of videos of the musicals as well.

Over the last 10-15 years Rand has acquired and uses a lot of high-end, professional-quality video and audio equipment. He started an audio production business recording and producing high quality music recordings for local schools. He also helped Ryan start his video production company.

## Appendix C (cont.) – Resume for Ryan Mahoney



Ryan Mahoney has a Bachelor of Arts in **Broadcasting and Electronic Communication Arts** (BECA) with an emphasis in **Television Production** from San Francisco State University. He currently works full time as a Media Communications and Public Edition Analyst at San Ramon Valley Fire Protection District. He is also part of the Communication Reserves for the San Ramon Valley Fire Prevention District where he does radio and data commutations, including RF work (wireless & radio equipment) and network systems.

In addition, Ryan operates an audio/video production company, **P38Productions**. He has done contract work producing highlight videos of Pac12 football games for an online news company, he has served as a technical director for live satellite media tours for multiple television news stations across the country, and has worked as a video director for online live stream broadcasts of multiple different sports for San Francisco State University and the California Collegiate Athletic Association Conference.

Ryan started at St. Timothy's at a young age assisting his father who operated the sound system during the Sunday service.

# Appendix C (cont.) – Resume for Donald S. Perry

Don has been a parishioner at Saint Timothy's since 2007. He has been an active participant in and developer of Formation programming at Saint Timothy's. He is a graduate of Education for Ministries and continues to attend as a graduate and participate in the program of dialogue and ministry building. Prior to his reception in the Episcopal Church in 2007 he was actively participating in Formation programming in the Catholic Church (Saint Augustine, Pleasanton and Saint Isidore's, Danville) since 1983. As a result, he has a strong commitment to formation programming and evangelization.

Don has been a real estate broker since 1978 and a real estate appraiser since 1987. He has been involved with the rental and renovation of Saint Timothy's properties (both Shadow Creek and Ackerman).

In 2019 Don purchased cameras, equipment and software for the specific purpose of recording and posting of Sermons at Saint Timothy's. These Sermons were posted to allow parishioners to view sermons that they may have missed for some reason. The more significant purpose was to allow anyone religion or church "shopping" to be able to experience what Saint Timothy's and the Episcopal Church are about. He sought to give a face and a voice to the love, justice and inclusion that is Saint Timothy's.

Don has a computer background as is proficient in Java Script, Python and C#. He uses Adobe Premier Pro Aftereffects and the full Creative Cloud Suite for editing.

Don has created software for the management of claims and litigation for title companies. He has created software for the management and processing of real estate appraisals. He has recorded, edited and posted sermons for Saint Timothy's. He has recorded, edited and broadcast full liturgical services at Saint Timothy's which included sound and graphics.

Don possesses professional quality installation tools and equipment for electric and cabling. He has the equipment and software for the conversion of recorded media to various formats.

Don's vision for the Live Stream broadcast is:

- To allow vulnerable parishioners full participation in the service
- To allow parishioners who are traveling or have moved full participation in the service
- To expand the Saint Timothy's liturgy to those who are seeking a new church
- To provide a liturgical experience to those in nursing homes, hospitals ...
- To assist Outreach to promote our partners in their missions
  - To allow for interactive Coffee Hours during the pandemic and beyond especially for homebound parishioners
- To support our ecumenical counterparts in their missions by offering
  - access to our technology (our Muslim and Jewish sisters and brothers ...)
- To expand our Formation programming both within our parish and beyond
  - To allow for interactive events such as visits from the Bishop, authors, and special guests