

## Video and Audio Sanctuary Upgrade Proposal October, 2020

1. **Computer.** Computer in the sanctuary to run all the equipment and software. This should be a high-end laptop with processing speed. Similar to a Dell XPS 15 Laptop for roughly \$1,700.

Specs:

9th Generation Intel® Core™ i7-9750H (12MB Cache, up to 4.5 GHz, 6 cores)

Windows 10 Home, 64-bit, English

NVIDIA® GeForce® GTX 1650 4GB GDDR5

16GB DDR4-2666MHz, 2x8G

512GB M.2 PCIe NVMe Solid State Drive

2. **WiFi Connection.** A reliable internet connection - install a WiFi extender in the sanctuary. Price: \$125

Specs:

TP-Link AC2600 WiFi Extender, up to 2600Mbps, Dual Band WiFi Range Extender, Gigabit port, Repeater, Access Point, 4x4 MU-MIMO

3. **Ethernet Connection.** An ethernet connection back to the router. Price: <\$300

4. **Audio Interface.** Enables recording live music to computer. Behringer U-Phoria UM2 USB Audio Interface. Price: \$100

5. **Video Source.** PTZ Optics USB camera 20X Zoom. Price: \$1,800

6. **Software.** Software is required to manage the presentation and support live streaming to the various platforms.

a. Pro Presenter. For managing the presentation. Price: \$400

b. VMIX. For live streaming. Price: \$60

7. **Audio Mixer.** 16-Channel mixer to support audio in and out (supports hybrid worship solution). Yamaha EMX5016CF. Price: \$1,000

8. **Miscellaneous.** Price: Unknown (assume <\$500)

a. Shelf for mounting the camera

b. Shelf or table for the laptop & mixer

c. Connector cables

Total equipment cost roughly \$6,000, plus a realistic management reserve of 20% (\$1,200). **Total cost of the project would be under \$7,200.**

Intent is to use a whole life insurance policy, received as a gift, with a cash value of \$6,245, to cover most of the cost for the project.