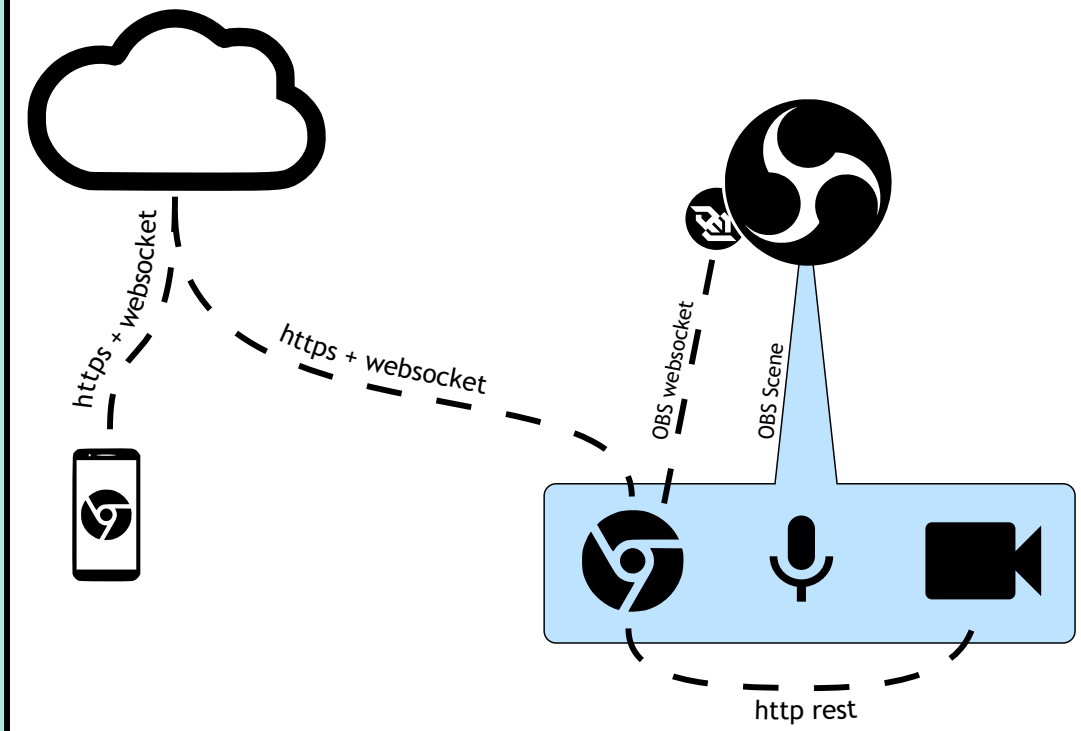
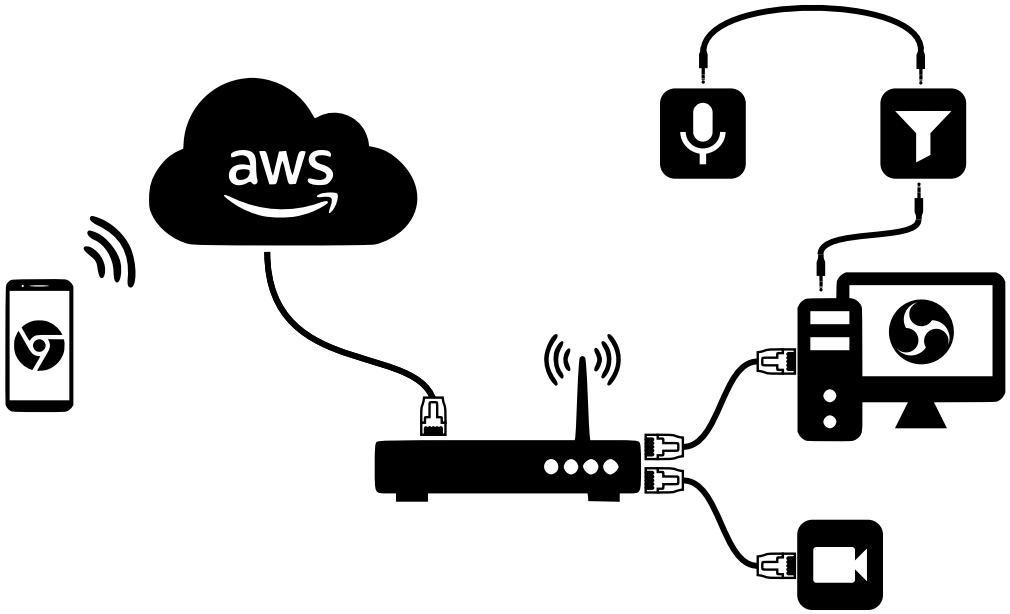
Software Connections



Hardware Connections



OBS - Mixing/Streaming software
https://obsproject.com/

obs-websocket
An OBS plugin that lets the display webpage control OBS
https://github.com/Palakis/obs-websocket

OBS Browser Source
Points to the overlay display website
http://wardtools.org/stream/adhoc/xxx-xxx-xxx-xxx

OBS Media Source
Points to the camera's RTSP source
rtsp://192.168.9.100/live/av0

OBS Audio Input Capture Source
Configured to use the mic port coming from the Audio Filter below

This is the device (Android/IOS/Desktop) that will be used to control the overlays. Open a browser to http://wardtools.org/stream/adhoc

This is the webserver hosting the ward website or wardtools.org.

wardtools.org is hosted on an Amazon EC2 instance but you could run a webserver locally on the same computer running OBS.

The router inside your church.

The church audio system.

Audio Filter
We used the hardware filter from under the sacrament table, and relocated it next to the computer.

Computer
This needs to run OBS, ours is running Windows, but Mac or Linux should work too.

AViPAS 1080
Other cameras would work too, but the PZT rest requests are specific to this camera