

Sam Gold – Cerebral Palsy

By Bill Weis

Requirements:

1. Be able to use voice for placing and answering phone calls and have his phone number on receiving caller ID
2. Be able to voice control the lamp near his bed
3. Be able to voice control his Netflix and Youtube over internet
4. Would like to control his sound machine

Solution – High Level:

1. Installed an Amazon Echo Connect so Sam can make and answer incoming phone calls
2. Installed WeMo switch to control the lamp near his bed
3. Installed an Amazon Fire TV Cube, Google Mini, and Chromecast so Sam can voice control his TV/entertainment.
4. The Amazon Echo uses a Skill to replace the need for the sound machine

Details of the Solution

1 – Use Voice for placing and answering phone calls – Sam wants to be able to answer incoming phone calls as well as place outgoing phone calls. Sam has a better experience placing phone calls via the Google Home Mini vs the Amazon Echo, however with regards to answering incoming phone calls on his land line, Google does not currently have a solution. For this requirement, an Amazon Echo Connect was installed.

2. Be able to use voice to control the lamp near his bed – A simple solution to this is installing a WeMo Smart Mini plug which can be controlled by either Alexa or Google.

3. Sam wants to be able to use voice to select his entertainment – Sam watches programs on Netflix as well as content on Youtube. We installed an Amazon Fire TV cube to enable Sam to watch all the content he likes, except for Youtube videos. The Amazon Fire TV cube is not optimized to be able to search Youtube videos, so we added a Chromecast device and a Google Mini.

4. Sam has a sound machine he likes to listen to as he falls asleep – Initially Sam was looking for a way to turn-on his sound machine and then set it to the oceans sound. Trying to come up with a way to control that box was not going to be easy. Fortunately, Sam found an Amazon skill for sounds which made his old sound machine obsolete.

Resources

[Amazon Echo](#)

[Alexa Support](#) (Contact Support via the Amazon Alexa app - can have them call your number)

[Google Home getting started](#)

[Google Home Help Forum](#)

[Google Home Support](#) Phone number for Google Home hardware support = 855-971-9121 (24/7 days a week)

[Wemo Support](#) Phone number for Support = 1-844-745-wemo (9366)

inside the bed controller box. The drawing on the following page shows the voice activated bed controller, solid state relays and the remote.