Jim W. – Injured from Explosion Detailed view by Bill Weis

Requirements:

- 1. Be able to voice control his TV
- 2. Be able to use voice to call his nurse.
- 3. Be able to voice control his Pride Mobility PLR-4955 lift chair

Solution - High Level:

- 1. Provided an Amazon Fire TV Cube to control his TV (Requires new TV)
- 2. Designed a solution that allows Jim to use voice commands to call his nurse by providing an Amazon Smart switch and a small relay box with the Nurse Call light cable attached.
- 3. Designed a voice activated recliner controller that allows Jim to use voice to control all functions of the Pride Mobility PLR-4955 lift chair

Details of the Solution

1 – Be Able to Voice Control his TV – The Amazon Fire TV Cube will allow Jim to voice control his TV when a replacement TV is available.

2 – Call Nurse Button via voice –We designed a solution using a small box that holds a relay and wired to the normally open contacts on that relay are the wires for Call Nurse. Power to the relay box is controlled by an Amazon Smart plug which he can turn on by voice. An Amazon routine was created which turns the relay on for 5 seconds then automatically turns it off. This simulates the way the call button works which closes the contacts as long as you hold the button.



3 - Voice Control his Pride Mobility PLR-4955 Lift Chair – We designed a voice solution that gives Jim the ability to fully control his new PLR-4955 lift chair.

