

***Triva – ALS (v1)***  
***Detailed view by Bill Weis***

Requirements:

1. Be able to voice control her adjustable bed
2. Be prepared for controlling the bed using Tobii synthetic voice

Solution – High Level:

1. They opted to replace the current CVB adjustable bed with a Ergomotion Quest 2.5 bed.
2. We provided a template for a custom page set along with video guidance on customizing the page set to their liking.

**Details of the Solution**

**1 – Voice Control her adjustable bed** – Triva has an adjustable bed make by CVB Inc in Logan, Ut. The model she has is a LUL6L which has an OKIN control box (CB1322). The Multi-Function Port on that controller was lacking a connector, so the thought of trying an Ergomotion wifi dongle was not a possibility. I called CVB support (1-800-517-7179) and inquired if they had a voice option for that bed. Her response was that for some of their models, they have a voice solution that works with SIRI, but this bed was not one of those models. At this point we exhausted all logical approaches with the exception of hacking into the wireless 2.4ghz remote which I had done years ago, but that was a time when a voice option for an adjustable bed was non-existent. There are much better options today, and a decision was made to purchase a Ergomotion Quest 2.5 which has a great offline voice option (no wifi required). Furthermore, Ergomotion extends a 35% off discount code which helped ease the cost of replacing one adjustable bed with another.

**2 – Be Prepared for Controlling the Bed using Tobii’s synthetic voice** – Triva has a strong voice today, but due to progression with ALS that will change over time. We provided a template custom page set along with a video that will help them customize the template page set for the specific bed commands Triva would want to issue. One challenge with using the Tobii communicator device to control the position of the bed relates to maintaining the proper calibrated distance between the eyes and the screen on the Tobii. I received the following feedback from a pALS. “My experience has been the tobii i-13 is MUCH better at keeping eye control than my previous tobii i-12 when reclining and otherwise. I believe the i16 uses same camera, so should be the same (but I found the screen too big that you had to move head to go from one side to other with eyes and fatiguing)”. Your mileage may vary.