

Part II: ---

Activities and Outcomes

ACCOMMODATION OPTIONS CONSIDERED/ACTIONS TAKEN

After an initial assessment of AT needs, the engineer contacted a vendor, Humanware, Inc. (www.humanware.com) and arrangements were made for her to bring in some products for demonstration and trial. This made it possible to immediately tryout several options to determine what might be most appropriate. The State Agency employs a Reasonable Accommodations Coordinator who, along with Joseph's supervisor, was actively involved in the entire accommodation process.

Hand-held magnifiers were discussed as possible aides but were quickly determined to be impractical for the large amount of reading Joseph would be required to do. A larger **19-inch monitor** was tried and Joseph reported he was able to see some of the text better and was also able to see more of the information on the screen. However, some of the text on the mainframe is in smaller font than some of the other text, which allowed Joseph to read some items but not others. Therefore, in addition to the 19-inch monitor the **screen-enlarging program called Zoom Text** was recommended to enable him to enlarge the text that he cannot easily see with the larger monitor. This larger monitor is recommended for Zoom Text, as well as other screen enlarging software, since a larger monitor makes it easier to see more of the information on the screen. The vendor later provided three hours of on-site training on the use of Zoom Text.

Joseph was also having difficulty seeing the text in printed manuals. Some of these manuals are on the computer system and he can access them using the Zoom Text software. However, not all the manuals are available on the system, especially some of the more current ones. In order for Joseph to be able to read printed material, a **closed circuit television device (CCTV)** was recommended. The CCTV enables him to place the printed material under the camera and use the same 19-inch monitor to display the printed material in a size easy for him to read.

Joseph still had difficulty reading the letters on the standard keyboard. **Large print key cap labels** were placed on the keys of a standard keyboard that enable him to more easily read the keys. It was also suggested that he have his eyeglass prescription reviewed by his ophthalmologist since he was having difficulty reading things that he used to be able to read. During the visit to his doctor he would also be able to evaluate the possibility of getting **computer glasses**. These are reading glasses that have the standard magnification lenses rather than bifocal or progressive magnification lenses.

COST ANALYSIS

Following is a summary of the items recommended for Joseph.

Clearview CCTV 700	\$3,295
Viewsonic 19" Monitor	\$ 449
Zoomtext Extra	\$ 395
Large Keycaps	\$ 10
Shipping and Handling	\$ 85
Training (3 hours on site)	<u>\$ 400</u>
Total	\$4,634

The employer purchased the equipment and vendor training, as well as the professional time of the rehab engineer. The engineer's time is not included in the total but involved 5 hours, including 2 hours of evaluation, 1 hour for travel, and 2 hours for report documentation.

FOLLOW UP/OUTCOMES

Joseph was able to accept the promotion and has been successfully employed in his new position for five months as of June 2001. The rehab engineer indicated to the employer that he will provide additional consultation if continued vision loss makes more extensive assistive technology necessary.



ACKNOWLEDGEMENTS

We would like to thank Jeff Symons, rehabilitation engineer, with Project Threshold for contributing this case study and his assistance with this presentation.