

Facts About Technology and Disabilities

Most people can read e-mails, type messages on computers, and speak to others. They don't think twice about being able to communicate in these ways. Yet people with disabilities may have trouble doing these things. Fortunately, there are technologies that can help.

People who are blind can not see a screen. But they can still get e-mail. How? Special programs have been created that change the text on a computer screen into speech so that a blind person can hear the information on a computer screen instead of having to see it.

In order to send a message, the person can use a speech recognition program. With this technology, as a person speaks into a microphone, his or her words appear on the computer screen. This technology is also extremely helpful for people who have disabilities that make it impossible for them to use their hands to type.

But what if a person doesn't have use of their hands or their voice? Technologies have been developed that allow people with severe disabilities to control a computer with only a slight movement of a part of the body like the head, a thumb, or even just by blinking or sniffing. A video camera above the person's monitor replaces a mouse and a keyboard. It picks up these slight movements, allowing the person to communicate through his or her computer!

