

ASSISTIVE TECHNOLOGY



Assistive Technology (AT) is an umbrella term that includes assistive, adaptive, and rehabilitative devices for individuals with disabilities or elderly population while also including the process used in selecting, locating, and using them.



About AT

What is AT: Assistive Technology can ameliorate the effects of disabilities that limit the ability to perform Activities of Daily Living (ADL). Assistive technology promotes greater independence by enabling people to perform tasks they were formerly unable to accomplish, or had great difficulty accomplishing, by providing enhancements to, or changing methods of interacting with, the technology needed to accomplish such tasks. Due to assistive technology, individuals with disabilities have an opportunity of a more positive lifestyle, with an increase in social and workforce participation.

Assistive Technology Equipment & Software

UbiDuo 2



SARA CE



Logitech USB Headset



Big Track Ball Mouse Dragon V 15.0



CCTV Da Vinci - OCR



Pocket Talker PRO



Keys-U-See
Keyboard



Sorenson Video
Relay



Fusion Pro
Jaws/Zoom Text

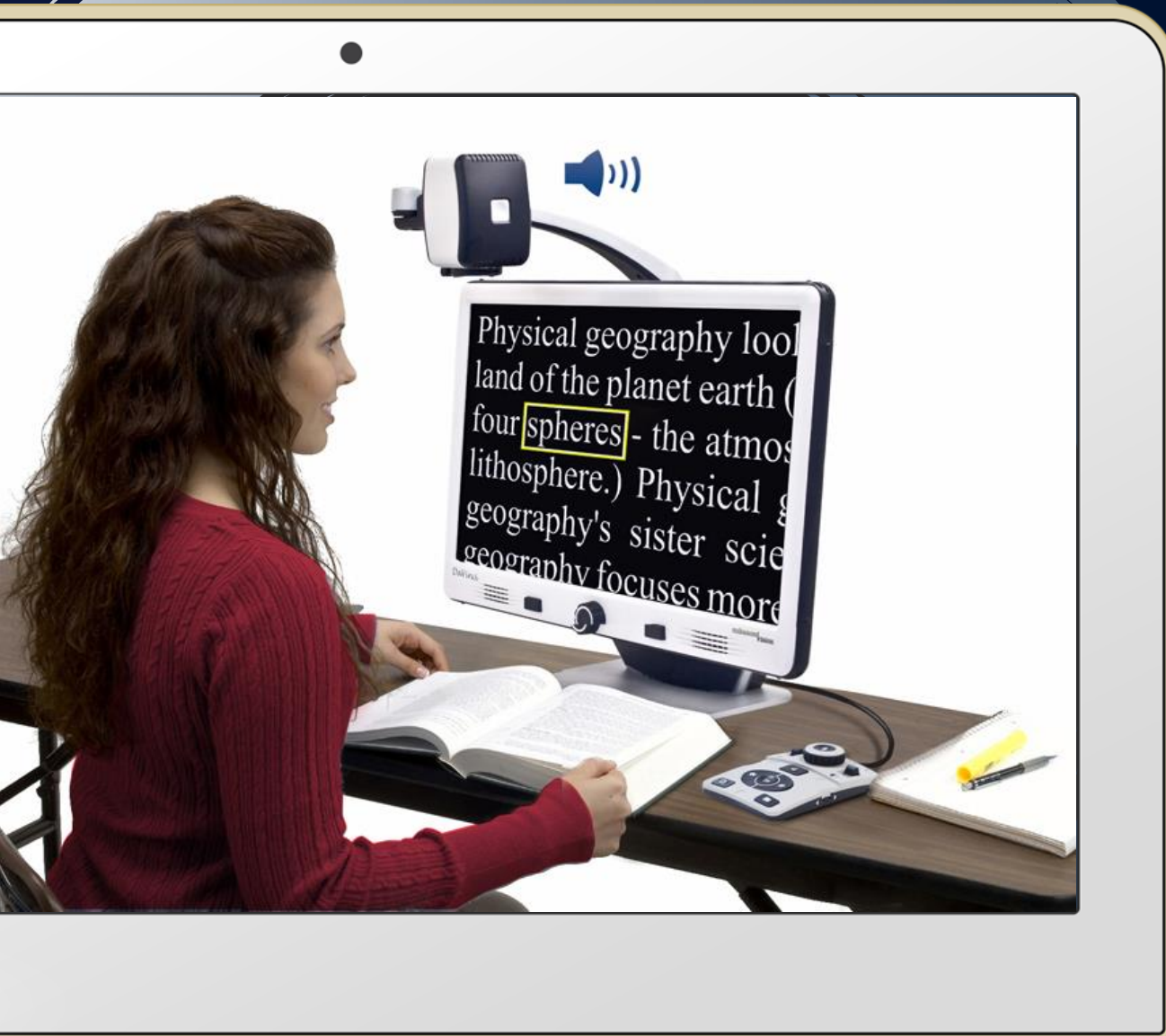


UbiDuo 2

The **UbiDuo 2** is the very first Speech Generating Device (SGD) that comes with a 2-way communication system. This lightweight and portable Speech Generating Device allows the person with a severe speech impairment the ability to communicate with anyone using typed text to speech.

https://www.youtube.com/watch?v=0fempDQX_7E

CCTV Da Vinci



DaVinci is a high performance desktop video magnifier (CCTV), featuring Full HD, selective text-to-speech (OCR) and a 3-in-1 camera. With Full HD you will experience high definition color and contrast giving you a beautiful, crystal clear picture and vibrant colors. DaVinci will read any printed text aloud with the push of a button.

<https://www.youtube.com/watch?v=CQXTA70XP6A>

SARA CE



The **SARA CE** (Scanning And Reading Appliance, Camera Edition) is the next-generation self-contained scanning and reading appliance for the blind and those with low vision. Just place a printed page under the camera, and the SARA CE instantly starts reading it to you with “Real Speak” human-sounding speech. No computer experience is needed.

<https://www.youtube.com/watch?v=g1PVricmzPg>

Pocket Talker PRO



Pocket Talker PRO system amplifies sounds closest to the listener while reducing background noise. Ideal for the hearing impaired for one-on-one conversation, and small-groups. Can be used without hearing aids.

<https://www.youtube.com/watch?v=tgBovUyYYJc>

Keys-U-See Keyboard

Keys-U-See Keyboard is a large print keyboard that has been designed specifically for those with conditions that cause visual impairment or low vision, such as: Macular Degeneration, Glaucoma, Diabetic Retinopathy, Cataracts, Age related vision loss. With a bigger and bolder typeface, the keys are easier to see.

<https://www.youtube.com/watch?v=hlxGP-CU9Jc>

Sorenson Video Relay

Sorenson Video Relay Service® (SVRS®) is a free, 24-hour service that enables users to place and receive calls through a professional American Sign Language (ASL) interpreter via a videophone and a high-speed internet connection.

<https://youtu.be/ZMqJ5eJqUZA>



Logitech USB Headset



The **Logitech USB Headset** is a combination of a microphone and headphone, which is connected via a USB connector to a computer or other device. Common areas of application are online gaming or phoning and video telephony via a computer. Often, headsets are equipped with their own controls for volume and microphone sensitivity.

https://www.youtube.com/watch?v=0ifzxQ1OW_c

Big Track Ball Mouse



A **Track Ball Mouse** is a pointing device consisting of a ball held by a socket containing sensors to detect a rotation of the ball about two axes—like an upside-down **mouse** with an exposed protruding ball. The track ball is better situated for individuals with low motion dexterity.

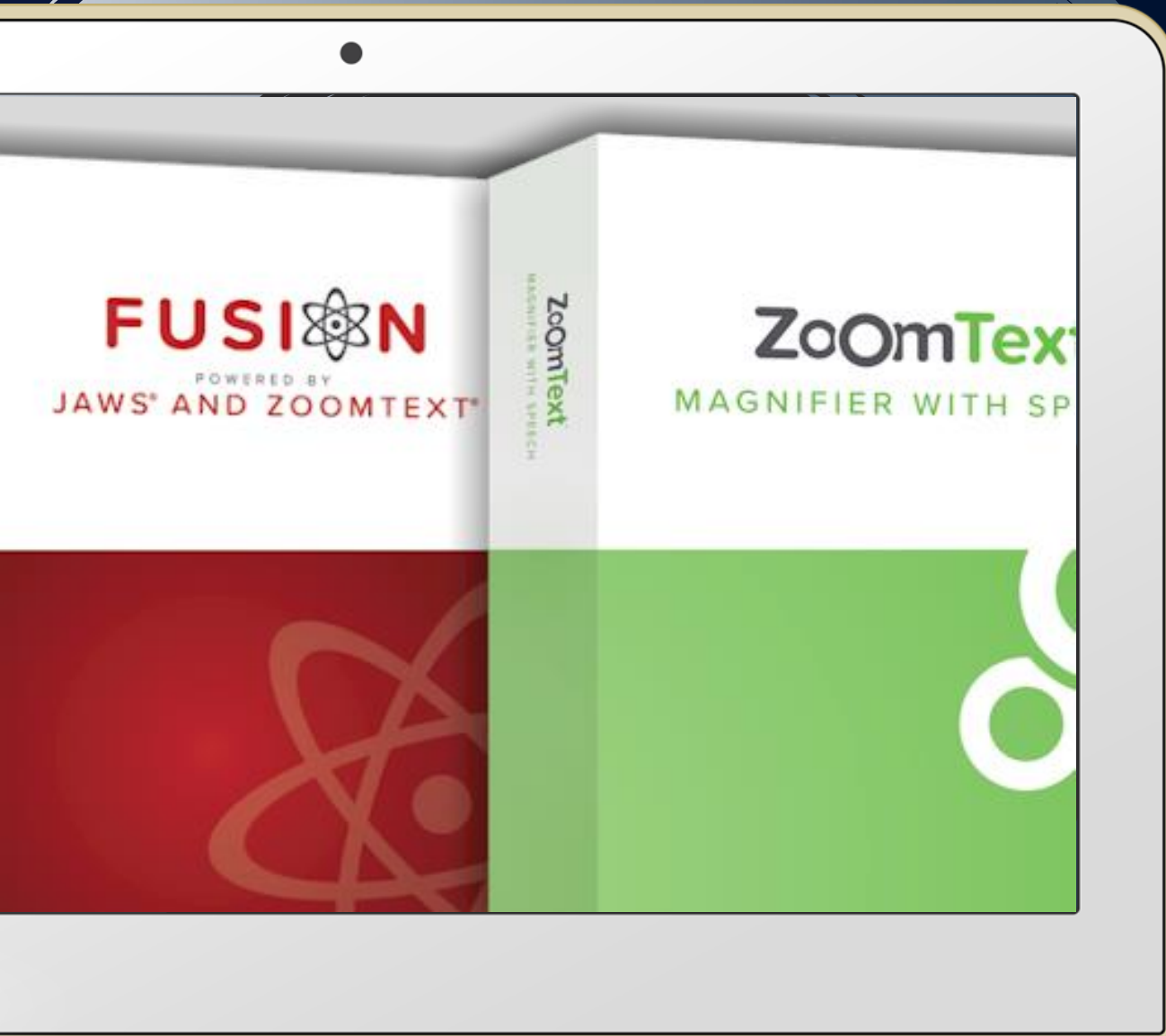
<https://www.youtube.com/watch?v=Qrff9lAGq4w>

Dragon



Dragon (also known as Dragon Naturally speaking, or DNS) is a speech recognition software. This voice recognition software allows you to speak into a microphone or headset attached to your computer to type what you are saying. You can download any recording to your computer and Dragon will transcribe your recording into text.

<https://www.youtube.com/watch?v=D42JeSAjkUA>



Fusion Pro Jaws/ZoomText

Fusion is the ultimate accessibility tool for individuals with any level of vision impairment. Fusion provides the best of both worlds – ZoomText, with its screen magnification and visual enhancements for screen viewing ease, coupled with the power and speed of JAWS for screen reading functionality.

By blending ZoomText and JAWS together, Fusion has flexible, high-quality speech using Eloquence and Vocalizer Expressive, powerful keyboard access including navigation on the web, and a wide range of customization options.

<https://www.youtube.com/watch?v=Yt9LPUZNNa8>

Resources - Links



Keys-U-See keyboard

<https://www.youtube.com/watch?v=hlxGP-CU9Jc>

CCTV Da Vinci

<https://www.youtube.com/watch?v=CQXTA70XP6A>

SARA Reading Machine

<https://www.youtube.com/watch?v=g1PVricmzPg>

UbiDuo 2

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THANKYOU

