

**Adaptive
Technology
Center for
New Jersey
Colleges**

Assistive Technology Solutions for Students who are Blind/Visually Impaired

Computer Access



Screen Magnification: Screen magnification enlarges information on a computer screen in incremental factors (2x to 36x magnification). Screen magnification programs run simultaneously with the computer's operating system and

applications. Most screen magnification programs have the flexibility to magnify the full screen, parts of the screen, or a magnifying glass view of the area around the cursor or pointer. Some programs also allow for inverted colors, enhanced pointer viewing, and tracking options.

Product	Vendor	Website
MAGic	Freedom Scientific, Inc. Blind/Low Vision Group	www.freedomsscientific.com
ZoomText	Ai Squared	www.aisquared.com
BigShot 2x magnification only	Ai Squared	www.aisquared.com
Magnifier Standard in Windows operating systems	Microsoft	www.microsoft.com/enable/products/default.aspx
Zoom Standard in Mac OS X operating system	Apple	www.apple.com/accessibility/vision/

Screen Readers: Screen reading software reads aloud everything on computer screens, including text, pull-down menus, icons, dialog boxes, and web pages. Screen readers run simultaneously with the computer's operating system and applications.

Product	Vendor	Website
JAWS	Freedom Scientific, Inc. Blind/Low Vision Group	www.freedomsscientific.com
Window-Eyes	GW Micro	www.gwmicro.com
ZoomText	Ai Squared	www.aisquared.com
Hal	Dolphin	www.yourdolphin.com
Narrator Standard in Windows operating systems	Microsoft	www.microsoft.com/enable/products/default.aspx
Voiceover Standard in Mac OS X operating system	Apple	www.apple.com/accessibility/vision/

Reading Support

Video Magnifiers: Video magnifiers utilize closed circuit television technology to enlarge written materials and small objects for people with low vision. All printed material from textbook pages to mail can be magnified for easier viewing.

Product	Vendor	Website
Prisma	Freedom Vision	www.freedomvision.net
Aladdin	Telesensory	www.telesensory.com
Clarity	Clarity Solutions	www.clarityusa.com
Traveller	Optelec	www.optelec.com
PocketViewer	Humanware	www.humanware.com

Digital Book Readers: Digital book readers are portable CD and/or MP3 players that read DAISY-compatible audiobooks. They provide navigation functions and playback features.

Product	Vendor	Website
Telex Scholar	Telex Communications	www.telex.com/Talkingbook
BookPort	American Printing House for the Blind	www.aph.org
PlexTalk	RFBD	www.plextalk.com www.rfbd.org
Professor	RFBD	www.telex.com www.rfbd.org
Victor Wave	RFBD	www.humanware.com www.rfbd.org
Victor ClassicX+	RFBD	www.humanware.com www.rfbd.org
VictorReader Stream	Humanware	www.humanware.com

Scan/Read Systems: Scan/read software reads aloud printed text after it has been scanned into a computer. Textbook pages, class handouts, and tests can be made accessible to students with print disabilities.

Product	Vendor	Website
Kurzweil 1000	Kurzweil Educational Systems	www.kurzweiledu.com
OpenBook	Freedom Scientific, Inc., Blind/Low Vision Group	www.freedomscientific.com
SARA (Scanning and Reading Appliance)	Freedom Scientific, Inc., Blind/Low Vision Group	www.freedomscientific.com

Software Playback Systems: Software playback systems are full-featured software packages designed to play RFB&D's AudioPlus CD books on a desktop or laptop computer.

Product	Vendor	Website
eCclipseReader	Innovative Rehabilitation Technology, Inc.	www.eclipsereader.com www.rfd.org
Victor ReaderSoft available as a free download with membership to Bookshare.org	RFB&D	www.visuaide.com www.rfd.org www.bookshare.org
ghPlayer	gh	www.ghbraille.com
EasyReader	Dolphin	www.yourdolphin.com www.rfd.org
FSReader	Freedom Scientific, Inc., Blind/Low Vision Group	www.freedomscientific.com

Braille Translation Software: Braille translation software converts text documents into Braille and Braille files into text. The Braille file can then be sent to a Braille embosser or read on a refreshable Braille display.

Product	Vendor	Website
Duxbury Braille Translator	Duxbury Systems Inc.	www.duxburysystems.com
WinBraille free with Index embossers	Index Braille	www.indexbraille.com

Writing Support

Portable Notetakers: Lightweight, portable notetakers provide speech output and/or refreshable Braille without a visual display and can be connected to printers and computers for printing and uploading text. Braille keyboards and refreshable Braille displays are available for Braille users. A QWERTY keyboard version is available for people who prefer touch-typing.

Product	Vendor	Website
Braille Lite Series	Freedom Scientific, Inc. Blind/Low Vision Group	www.freedomscientific.com
Pac MATE Series	Freedom Scientific, Inc. Blind/Low Vision Group	www.freedomscientific.com
VoiceNote	Humanware	www.humanware.com
BrailleNote	Humanware	www.humanware.com