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ASK Webinar Series

• We are developing the Assistive Software Knowledgebase (ASK) a centralized, online resource on assistive software and mobile apps used as workplace accommodations. It will provide general product information as well as other information to help an employee maximize his or her use of the software.

• Today’s presentation is part of an every-other-week series on the use of different types of software and mobile apps in the workplace.

• This development project is funded by grant #90IF0125 from the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR), within the Admin. for Community Living, U.S. Dept. of Health and Human Services.
Agenda

Welcome and introductions- 5 minutes
Identifying barriers- 5 minutes
Visual Solutions- 15 minutes
Q&A- 5 minutes
Non-Visual Solutions- 15 minutes
Q&A- 5 minutes
Funding Resources/Wrap-up- 10 minutes
Learning Objectives

1- Participants will be able to identify three different screen reading options for non-visual access to operating systems and files.

2- Participants will be able to identify four options for screen magnification.

3- Participants will be able to identify which operating system – mobile or desktop – may benefit them better through built in and third party supports.

4- Participants will have three resources for finding funding solutions for acquiring assistive technology.
Where are the Barriers?

- They’re everywhere! (some are sneakier than others)
- Inaccessible print
- Poorly designed print and electronic materials
- Visual/non-visual access
- In the home, community, work and school environments
- Vary and change dramatically
- Cost
Visual Access
What’s in the Box?

• More and varied options than there used to be

• Newer computers come with a (decent) screen reader and screen magnification options

• Voice control is becoming more prominent thanks to ubiquity in mobile platforms

• These items do no add to the cost

• JAWS, MAGic, Dragon and ZoomText
Mac

Accessibility settings:
- Use keyboard shortcuts to zoom
- Use scroll gesture with modifier keys to zoom:
  - Control
- Smooth images

Voice Control:
- macOS

Color Filters:
- Enable Color Filters
- Filter type: Grayscale
Third Party Visual Access

• ZoomText - low vision access
  • $500 for just magnification, $700 with speech or $80/year

• Fusion - Visual and Non-visual access
  • $1,400 or $140/year

• Dolphin Supernova - Visual support with speech
  • $595
Freeware for Magnification

- Virtual Magnifying Glass
  - Windows, Linux and Mac options, up to 32x
- Zoom +
  - http://gipsysoft.com/zoomplus/
  - Windows, up to 32x
- Dragnifier
  - http://www.halley.cc/stuff/dragnifier.html
  - Windows, up to 8x
Text Manipulation/Annotation

How to input?

Organizing/Annotating

1. GoodNotes - 7.99
2. Liquid Text - Free
3. Evernote - Free
4. OneNote - Free
Questions?
Non-visual Access
Welcome to VoiceOver

VoiceOver speaks descriptions of items on the screen and can be used to control the computer using only your keyboard.

☐ Do not show this message again

Learn More  Use VoiceOver  Turn Off VoiceOver
Windows
Third Party Screen Readers

• JAWS
  • https://www.freedomscientific.com/products/software/jaws/
  • $1,000 or $90/year

• NVDA
  • https://www.nvaccess.org
  • Free/donation

• Dolphin ScreenReader
  • https://yourdolphin.com/products/individuals/screen-reader
  • $795
Optical Character Recognition

• Several Options and Various Price Points
• Handwriting can be tricky

1. Seeing AI - Free (multi-function)
2. KNFB Reader - $99
3. Office Lens - Free (great for students)
Apps for Identification

Using your camera to get descriptions

1. TapTapSee - Free
2. Google Goggles - Free
3. CamFind - Free
4. Seeing AI - Free
TFL App Finder Database

Search by:

• Price
• Category
• Operating system
• Free!

www.gatfl.gatech.edu
Questions?
Accessibility On the Go
iOS
Features for Users with Low Vision

- Zoom
- Magnifier
- Display Accommodations
- Dynamic Text
Screen Accommodations

- Invert colors
- Color filters
- Reduce white point
Android
Visual Access

- Text manipulation (large font, font style, high contrast)
- Color manipulation (features for color blindness, inverted colors, color filters)
- Navigation of the screen (color IDs, button shapes, keyboard options, large pointer)
Funding Resources

The Association of Blind Citizens
Can cover up to 50% of the cost of a vision device
www.blindcitizen.org

Credit-Able, Georgia’s Alternative Financing Program
Low interest loans for Georgians with disabilities
www.cfiiga.org

Georgia Vocational Rehabilitation Agency
Supports and services centered around employment
https://gvs.georgia.gov
Magnifier

- Two options
  - Magnifier box
  - Full screen
- Full screen is easy to activate once selected in the accessibility (1 finger triple tap, maneuver with two fingers)
- Magnifier box can be moved around with two fingers
Don’t Forget Alternate Formats
Tools for Life AppFinder

- Recently updated!
- Search By:
  - Categories
  - App Name
  - Device Type
  - Price

https://gatfl.gatech.edu/favorite-search.php
Assistive Software Knowledgebase

ClaroCom Pro for iOS

Log in to post comments

Manufacturer
Claro Software Limited

Description
ClaroCom Pro replaces speech for adults or children who have difficulty speaking but who have some or full literacy. The Pro version adds high quality voices, and it can load custom phrases, send text to other applications, and share the message display.

Augmentative and Alternative Communication (AAC) Features
Add custom phrases
Share screen with others
Text entry for other programs
Text-based

- Prototype version: assistivesoftware.gatech.edu
- Narrow searches by different product features (e.g., add custom phrases).
- View Reviews, User Tips
- Check back in October for more functionality.
Questions?
Comments?
Contact Us

Tools for Life, Georgia’s Assistive Technology Act Program
Center for Inclusive Design and Innovation (formerly AMAC Accessibility)
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