ADA Station Overview

- This file is meant to serve as a reminder of the capabilities of the programs located on our ADA machines.

- When assisting clients with ADA specific programs it is important to keep in mind
  - Consultants are expected to strive for the highest level of customer satisfaction. If a consultant is asked “How do I invert the monitor’s colors” we expect that the consultant will utilize their trouble shooting skills to investigate the problem and work towards providing the client with a solution.
  - After a consultant makes an effort at solving an ADA station specific issue, these unsolved programs can be directed toward the Disabled Students Program.

- We expect all consultants to know what programs are available on the ADA machines, and what those programs do. We also encourage consultants to familiarize themselves with the layout and interface of each program.
Many Low-vision users will use a series of key stroke shortcuts to start their programs. If they are unfamiliar with our desktop setup, you may want to pass on these commands.

- JAWS – Windows button+M → J → Enter
- MAGic – Windows button+M → M → Enter
- WYNN – Windows button+M → W → Enter
- Kurzweil – Windows button+M → K → Enter
- Dragon – Windows button+M → D → Enter
- OpenBook – Windows button+M → O → Enter
- MS Word – Windows button+M → ! → Enter
The following slides are separated into sections based on their core functionality.

- Magnification Software
  - MAGic
- Speech-to-Text Software
  - Dragon Naturally Speaking
- Text-to-Speech Software
  - JAWS
  - WYNN
  - Kurzweil
  - OpenBook
MAGic

SCREEN MAGNIFICATION SOFTWARE
MAGic is designed to help clients with low visibility. It offers several type of screen magnification and cursor/mouse enhancements.

Something to keep in mind while troubleshooting this software, in order for the different enhancements to appear, you must turn on Magnification. However, you can set Magnification to zero if you only want the featured enhancements.

Main Interface Panel
Use the **Magnification** button to enable or disable MAGic’s features

MAGic allows for several types of magnification
- **Full** – Whole screen is magnified
- **Overlay** – Small box in right corner displays magnification
- **Split** – Half of screen is Magnified
- **Dynamic Lens** – Magnification Box on Cursor

The current Magnification level can be adjusted with the two **Magnification Level** buttons.
Mouse enhancements –
Right click this button to open **Mouse enhancement** options

This lets the user:
• Make mouse pointer larger
• Displays mouse pointer tracking bars
• Change color of mouse pointer

Cursor enhancements –
Right click this button to open **Cursor enhancement** options

This lets the user:
• Change color of text cursor
• Place markers around idle cursors (arrows, circles, or triangles)
**Color Enhancements** –
Right click this button to open **Color enhancement** options

This feature lets the user:
- Replace colors
- Apply tinting
- Invert the colors of the display
- Adjust the brightness
- Adjust the contrast

**Focus Enhancement**—
The colors of windows’ user interface can appear muted and difficult to distinguish. The **Focus Enhancement** function lets you define a visible border that tracks the currently selected window.
Dragon

SPEECH-TO-TEXT PROGRAM
Dragon Naturally Speaking lets users dictate to the computer instead of typing.

We now offer a private Dragon station for clients in the supe office. This station is available by request

Most Dragon users have received training from the DSP office.

As it uses voice commands, there are many options available to users. This makes for a very difficult program to cover in a short document, so when troubleshooting this program we suggest consultants use the link located to the right. This is the Dragon manual, and is organized very well for troubleshooting needs.

http://www.nuance.com/naturallyspeaking/resources/usrguide.asp
**Profiles in Dragon**
- Most users will have their Dragon profile on a USB drive. Users should place their Dragon profile in the desktop link named “Place Dragon Files Here”
- If the users profile doesn’t work, they should temporarily create a new one

**Creating a new profile in Dragon**
- Launch Dragon and from NaturallySpeaking pull-down menu, choose either OpenUser or Manage Users and select New.
- In the new user dialog, type a user name and then go down to the Initial Training radio buttons and select None. Then select next and the new user wizard will walk you through the process.
- The user will have to perform several voice checks, but should skip the email/documents check and the new user training steps (these steps take awhile to complete).
Text-to-Speech Software

WYNN – KURZWEIL – JAWS - OPENBOOK
JAWS

TEXT-TO-SPEECH SOFTWARE
JAWS users will most likely be well-versed in how to use the program as it is basically an audio user interface for windows.

JAWS users rely on the audio readout of what is on screen, and make use of a long list of shortcuts to navigate windows.

When assisting a user that is using JAWS, be sure to use phrasing like “The link is called..” instead of saying where links are visually located on the screen.

JAWS for Windows

To start Jaws: “windows button + M, J”
Open Book

TEXT-TO-SPEECH SOFTWARE
OpenBook converts printed documents or graphics-based text (.pdf, .jpg) into an electronic format using optical character recognition (OCR).

OpenBook offers many features for low-vision clients (font size, color, split screen view of original scan/OCR created text).
OpenBook operates much like Kurzweil and WYNN, but it doesn’t not feature web browser support.

When working with all three of the reader programs, play around with the sample text provided with each program to familiarize yourself with the user interface.
WYNN

TEXT-TO-SPEECH SOFTWARE
WYNN is a commonly used reader software.

Our facilities use WYNN Reader which does not have OCR capability. Students will have to bring editable text if they would like to import to WYNN.

WYNN features a browser that allows for web browsing with full WYNN compatibility.

Further assistance can be found at the link to the right.

WYNN

WYNN has four, color-coded tool bars. Clicking on the Next button at the left of each tool bar will rotate through the tool bars.

There is a Read button on each tool bar. Click the Read button to hear each word being spoken at the same time as you see it being spotlighted.

The BLUE toolbar allows users to manage files
- Start new file, open a file, read from the web
The **GREEN** Toolbar allows users to change the text looks and sounds
- Change text size, spacing, color. Change the speed of the speech

The **PINK** Toolbar features study aides
- Talking dictionary, highlight text, create lists, record notes

The **YELLOW** Toolbar features writing aides
- Create outlines, word prediction, spell check
Kurzweil 3000

TEXT-TO-SPEECH SOFTWARE
Kurzweil is another text-to-speech software package.

Kurzweil can provide speech functionality for Firefox

Much of Kurzweil’s functionality is summed up in the quick reference guide linked to the right

http://www.kurzweiledu.com/files/Kurzweil%203000%20Quick%20Reference.pdf
This is the opening layout for Kurzweil. The 4 colored bars, when clicked, hide and unhide their specific toolbars. The default settings are:

**RED** – Main Menu Bar
**YELLOW** – Main Toolbar (commonly used functions)
**GREEN** – Study Skills Toolbar
**BLUE** – Writing Tool bar

These toolbars are completely customizable, but our clients will be unable to save their profiles to our systems for security reasons.
Kurzweil 3000

- The User Interface should be easy enough to navigate. The one feature we would like to highlight is Kurzweil’s compatibility with Mozilla Firefox.

- To use Kurzweil within Firefox:
  - From the **Read** menu within Kurzweil, select **Read the Web**
  - This will begin a series of prompts that ask to install a Kurzweil plugin in Firefox. Continue through this process approving and restarting Firefox when asked.
  - After the Firefox reset there will be a new Kurzweil bar in Firefox with the basic Kurzweil reader commands (play, pause, next, etc)