Sorting Through Scan and Read Systems for Students with Learning Disabilities

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What are Scan/Read Systems?
- Text to Speech Processors
- Built-in Scanning and Conversion Software

Features of Scan and Read Systems (Refer to chart)
- Properties:
- Platform (Mac/Win) & Memory Requirements
- Compatibility with Hardware Scanners
- Functionality Version (Read Only or Scan & Read)
- Transparent or Dedicated

Functionality Version
- Scan & Read. Read Only. Single User, Multiple User, Stand Alone, Network

Input Features
- Text Source input options (type in, scanner, internet, text files, PDF files)
- Navigation between pages/documents

Test Accessibility
- Disable certain functions/options/buttons
- Automatically place fields on blanks

Transparency of Use
- Non Dedicated   (to be used with a talking word processor)
- Dedicated

Processing Features
- Highlighting (color options, listing/extraction)
- Create new file with highlights
- Word Prediction
- Outlining
- Word Features (Dictionary, Syllabication, Spelling, Thesaurus)

Annotation
- Text Notes, Voice Notes, Footnotes, Sticky Notes

Output Features
- Visual Feedback (text highlighting while reading, color of text, size of text, formatting, background color, masking)
- Auditory Feedback (speed, voice options, language options, digitized sound)

Other Features:
- Ability for other languages
- Talking menus
- Voice recognition

Limitations of OCR Software
- If you can't read it the system can't
- Designed to recognize type not handwriting
- Carbon copies or copies of copies will not work well
- Faxes transmitted in standard resolution are hard to recognize

Format/Condition
- What format/condition is the information?
- Textbook, Handout , Text file, Mimeograph, PDF file, Extraneous markings or notes, Graphics

Assessment - Feature Match

Individual	Technology
• Needs • Abilities • Expectations	• Interface/Input • Processing • Output • Properties

Assessment / Evaluation for Scan and Read Systems
Assessment of the Individual
- Motor
- Cognition
- Language/ Processing
- Sensory

Assessment / Evaluation for Scan and Read Systems
Match to Product Features
- Visual Presentation Options
- Auditory Presentation Options
- Scanning Options
- Others: Study Skills, Writing