

What makes MindView an Assistive Technology?

MindView has been designed as a productivity tool to enhance executive function capabilities. MindView is simple, yet sophisticated enough to assist individuals of all ages, whether they are working through their academic career or are an employee in the workplace. MindView caters to all people with neurodiversity conditions such as:

- ✔ Dyslexia
- ✔ Autism
- ✔ Attention Deficit Hyperactivity Disorder (ADHD)
- ✔ Blindness and Visual Impairment
- ✔ Executive Function Disorders



Dyslexia

Dyslexia users benefit from mind mapping due to it being used as a visual approach to processing information. Mind maps help simplify complicated data by breaking it down into smaller pieces and segmenting it into branches. Mind mapping is also used to outline papers and reports while making use of the native assistive features listed below to populate important and relevant information.



How MindView helps dyslexics:

- ✔ Capture ideas quickly in a visually friendly way
- ✔ Organize ideas and structure plans in a non-linear way
- ✔ Brain dump ideas without branch connections, then drag and drop them to create structured outlines and connected maps
- ✔ Produce Multiple Document Styles without having to reproduce the same information again and again, using the MS Office
- ✔ Integration and built-in MindView Styles (Mind Map, Top Down, Left Right, Timeline, Outline and Gantt Chart)
- ✔ The MindView Dragon Professional integration makes MindView more accessible to users with poor writing skills

Key features for Dyslexia:

- ✔ Built-in Speech-to-Text and Text-to-Speech
- ✔ Background display customization via RGB numbers
- ✔ Predictive text
- ✔ Dragon Professional integration

“Dyslexics struggle with their spoken and/or written language, following instructions, poor concentration, and carrying out analytical or logical tasks. Strategies such as mind mapping are recognized as valuable learning tools.”

British Dyslexia Association

Autism Spectrum Disorders (ASD) including Asperger’s Syndrome

Mind mapping is an effective learning strategy for people with autism. It can help them understand, remember and communicate information more efficiently.



Although autism covers a wide spectrum of conditions, mind mapping is a highly effective learning and management strategy for students or working professionals affected with this disorder. Mind mapping helps users remember any information by turning it into visually appealing diagrams. This technique works with the way the brain naturally processes information.

How MindView helps autistic individuals:

- ✔ Create detailed action plans using in both linear and non-linear formats using the Mind Map and Outline View
- ✔ Apply Date and Time information to individual branches
- ✔ Built-in Gantt Chart to create detailed plans
- ✔ Consolidate action plans into a manageable Timeline View

Key features for autistic individuals:

- ✔ Branch Focus Mode and Sub-Maps
- ✔ Categorization of information using color
- ✔ Customizable templates
- ✔ Keyboard-only shortcut accessibility
- ✔ Task management with Timeline overview
- ✔ Gantt Chart for precise and detailed planning
- ✔ Customization of brightness and saturation number

“People with autism often have difficulty communicating. Using mind maps to explain concepts and ideas can help with that. People with autism often need to break tasks down into smaller steps. Mind mapping can be a successful strategy to help with this.”

– Abi James from Assistive Learning

Blindness and Vision Impairment

To accommodate people who are blind or visually impaired, MindView is tested to work with Jaws, ZoomText, SuperNova and all other screen reader software on the market. MatchWare has gone through a multiple-year review to be accredited accessible by the DAC (Digital Accessibility Center). To accomplish this, everything including the clip art is ALT-tagged accurately.



Therefore, there is no need for a keyboard and mouse to access and efficiently use MindView.

- ✔ Integration with all screen readers (Jaws, ZoomText, etc.)
- ✔ Accurate ALT-tagging throughout
- ✔ Branch Focus and Smart Navigation
- ✔ High / Low Contrast Mode

Attention Deficit Hyperactivity Disorder (ADHD)

Individuals with ADHD often struggle with their working memory, and often find themselves getting distracted. This results in difficulty retaining information, understanding sequences or remembering instructions.



Mind mapping can be used as a memory recall tool by using images and colors to reinforce important topics or ideas. Mind maps are a useful way of limiting distractions by chunking ideas into individual branches. Users with ADHD find that mind mapping helps them improve focus, stay on track and keep on top of deadlines.

How MindView helps with AD(H)D:

- ✔ Capture keywords quickly using keyboard shortcuts or double-click mouse functionality
- ✔ Break tasks down into smaller more manageable parts
- ✔ Focus Mode & Branch Focus helps to remove distraction and improves focus
- ✔ Create colorful branches to help engage with the information
- ✔ Compatible with all Text-to-Speech tools

Key features for AD(H)D:

- ✔ Keyboard shortcuts for Rapid Fire capture of ideas
- ✔ Branch Focus Mode
- ✔ Capture tool for Research
- ✔ Comprehensive Clip Art Catalog
- ✔ Create manageable timelines

Executive Function Disorders

Executive Function Disorder is used to describe a range of cognitive, behavioral, and emotional difficulties which often occur as a result of neurodiversity or a traumatic brain injury. Individuals with Executive Function Disorders struggle with planning, problem-solving, organization, and time management.



Mind mapping assists users overcome barriers created by Executive Function Disorders by making it easier to visualize and organize thoughts. The ability to document these thoughts into formatted Microsoft Office documents helps to improve communication and produce clearly structured and quality work.

How MindView helps with Executive Function Disorders:

- ✔ Capture ideas quickly in a visually friendly way
- ✔ Organize ideas and structure plans in a non-linear way
- ✔ Brain dump ideas without branch connections, then drag and drop them to create structured outlines and connected maps
- ✔ Produce Multiple Document Styles without having to reproduce the same information again and again, using the MS Office Integration and built-in MindView Styles (Mind Map, Top Down, Left Right, Timeline, Outline and Gantt Chart)
- ✔ The MindView Dragon Professional integration makes MindView more accessible to users with poor writing skills

Key features for Executive Function Disorders:

- ✔ Instantly capture ideas in a non-linear method
- ✔ Drag and Drop functionality to help re arrange information
- ✔ Predictive Text
- ✔ Integration with Dragon Professional

Over and Under-Sensitivity to Light

Visual stress is a perceptual, headaches and visual problems from exposure to patterns in text, such as lines of text. Visual stress is linked to dyslexia and similar visual learning difficulties. Sufferers experience print distortion and fatigue when reading.



How MindView addresses visual stress, noise, speech and language:

- ✔ Create colorful branches and backgrounds to help reduce visual stress and improve contrast between different ideas
- ✔ Input RGB number for desired background colors
- ✔ Low Contrast Mode
- ✔ High Contrast Mode
- ✔ Compatible with Screen Masking software
- ✔ Selecting background colors helps with contrast without adversely affecting the sharpness of the text

Key features for Visual Stress:

- ✔ Branch and text background display customization via RGB numbers
- ✔ Mouse right-click context menu with easier navigation
- ✔ High and Low Contrast Modes
- ✔ Built-in Text-to-Speech Read Aloud

