

# Screen-Reader Applications

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## Overview

There are three major screen-readers used on the MS Windows platform. These include JAWS, Supernova, and Window-Eyes. All three programs provide a similar user experience and have various strengths and weaknesses. Below are the three different screen-reader vendor logos along with their respective slogan.

### *JAWS Vendor Logo*



### *Dolphin Vendor Logo*



### *Window-Eyes Vendor Logo*



## Navigating with JAWS for Windows

JAWS for Windows has various commands for interacting with document content as well as the application itself. One of the challenges with screen-readers is the difference between what is visually displayed on the screen vs. the information the computer recognizes and communicates to the user. Authoring documents that include the appropriate accessibility information as well as the ability to easily transform into alternate formats improves document functionality for all participants.

The following are basic keystrokes that may be of use when navigating through various documents. This is not a complete list of all shortcut keys, but identifies useful keystrokes to aid in document navigation. For a complete list of the hotkey commands, it is recommended to view the Help menu options.

### ***Help Commands***

<b>Description</b>	<b>Keystroke</b>
Screen-Sensitive Help	Ins+F1
Application Specific Help	Ins+F1 twice
Keyboard Help On/Off (toggle)	Ins+I

### ***Basic Navigation Commands***

With JAWS 8.x, the HTML navigation quick keys are supported to enhance the ability to navigate through a Word document (editing or text entry is disabled while the quick keys have been turned on).

### ***MS Word Reading Commands***

<b>Description</b>	<b>Keystroke</b>
Move to top left corner of document	Ctrl+Home
Read by line	Up Arrow or Down Arrow
Read by paragraph	Ctrl+Up Arrow / Ctrl+Down Arrow
Read current paragraph	Ctrl+Numpad 5
Identify all headings	Ins+F6
Identify all hyperlinks	Ins+F7
Identify all tables	Ins+Ctrl+T
Stop JAWS from speaking	Ctrl

### ***HTML/PDF Reading Commands***

<b>Description</b>	<b>Keystroke</b>
Move to top left corner of Web page	Ctrl+Home
Read by line	Up Arrow or Down Arrow
Read by paragraph	Ctrl+Up Arrow / Ctrl+Down Arrow
Read current paragraph	Ctrl+Numpad 5
Identify all form fields	Ins+F5
Identify all headings	Ins+F6
Identify all hyperlinks	Ins+F7
Identify all frames	Ins+F9
Identify all tables	Ins+Ctrl+T

### Table Reading Commands (Word, PDF, HTML)

<b>Description</b>	<b>Keystroke</b>
Say Current Cell	Ctrl+Alt+Numpad 5
Cell to Right	Alt+Ctrl+Right Arrow
Cell to Left	Alt+Ctrl+Left Arrow
Cell Below	Alt+Ctrl+Down Arrow
Cell Above	Alt+Ctrl+Up Arrow
First Cell	Alt+Ctrl+Home
Last Cell	Alt+Ctrl+End
First Cell in Column	Alt+Ctrl+Shift+Up Arrow
Last Cell in Column	Alt+Ctrl+Shift+Down Arrow
First Cell in Row	Alt+Ctrl+Shift+Left Arrow
Last Cell in Row	Alt+Ctrl+Shift+Right Arrow

### Excel Reading Commands

<b>Description</b>	<b>Keystroke</b>
Announce column title	Alt+Shift+C
Announce row title	Alt+Shift+R
Set Column Titles to Row	Alt+Ctrl+Shift+C
Set Row Titles to Column	Alt+Ctrl+Shift+R