VPAT™ for Numbers 3.6 for Mac

The following Voluntary Product Accessibility information refers to **Numbers 3.6 for Mac**. For more information on this product's features and the accessibility features it takes advantage of, visit http://www.apple.com/iwork/numbers/ and http://www.apple.com/accessibility/osx/

VPAT™
Voluntary Product Accessibility Template
Summary Table

Criteria	Supporting Features
Section 1194.21 Software Applications and Operating Systems	**Please refer to the attached VPAT**
Section 1194.22 Web-based Internet Information and Applications	**Not Applicable**
Section 1194.23 Telecommunications Products	**Not Applicable**
Section 1194.24 Video and Multi-media Products	**Not Applicable**
Section 1194.25 Self-Contained, Closed Products	**Not Applicable**
Section 1194.26 Desktop and Portable Computers	**Not Applicable**
Section 1194.31 Functional Performance Criteria	**Please refer to the attached VPAT**
Section 1194.41 Information, Documentation and Support	**Please refer to the attached VPAT**

Section 1194.21 Software Applications and Operating Systems – Detail

Criteria	Supporting Features	Remarks and Explanations
(a) When software is designed to run on a system that has a keyboard, product functions shall be executable from a keyboard where the function itself or the result of performing a function can be discerned textually.	Partially supported	Has keyboard access to functionalities listed in the menus. Can tab to some sections of the window and use arrow keys to select. Lacking full keyboard access support. But users can use assistive technology provided in OS X (VoiceOver) to navigate to various interface elements instead. Users cannot navigate using only the keyboard in certain content types such as charts.
(b) Applications shall not disrupt or disable activated features of other products that are identified as accessibility features, where those features are developed and documented according to industry standards. Applications also shall not disrupt or disable activated features of any operating system that are identified as accessibility features where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer.	Supported	Various accessibility features and assistive applications can continue to function on top of this application.
(c) A well-defined on-screen indication of the current focus shall be provided that moves among interactive interface elements as the input focus changes. The focus shall be programmatically exposed so that Assistive Technology can track focus and focus changes.	Supported with exceptions	The keyboard focus and highlight selection in most dialog boxes and large part of the main window can be detected and tracked by VoiceOver.

(d) Sufficient information about a user interface element including the identity, operation and state of the element shall be available to Assistive Technology. When an image represents a program element, the information conveyed by the image must also be available in text.	Supported with exceptions	Most interfaces are accessible to assistive clients via the OS X Accessibility API and most user interface elements convey description, role and state information. Additionally some elements have help tags describing in much more detail their effect, which can be very useful for the screen reader user. For images in a Numbers document, users can attach a textual description of the information conveyed by the image, and this text is exposed via the OS X Accessibility API.
(e) When bitmap images are used to identify controls, status indicators, or other programmatic elements, the meaning assigned to those images shall be consistent throughout an application's performance.	Supported	
(f) Textual information shall be provided through operating system functions for displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes.	Supported	
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supported	
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Not Applicable	
(i) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Supported	
(j) When a product permits a user to adjust color and contrast settings, a variety of color selections capable of producing a range of contrast levels shall be provided.	Supported	Numbers works with a number of OS X accessibility features that can be helpful for users requiring certain color or contrast adjustments, such as an inverted color mode, a grayscale mode, and an adjustable enhanced contrast mode.

(k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2 Hz and lower than 55 Hz.	Supported	
(l) When electronic forms are used, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.	Supported with exceptions	Most forms and text fields, including the table formula text field, can be used with VoiceOver.

Section 1194.31 Functional Performance Criteria – Detail

Criteria	Supporting Features	Remarks and Explanations
(a) At least one mode of operation and information retrieval that does not require user vision shall be provided, or support for Assistive Technology used by people who are blind or visually impaired shall be provided.	Supported	Numbers works with the built-in screen reader called VoiceOver that enables OS X to be used by those who are blind or visually impaired. VoiceOver in OS X includes built-in voices that speak 22 languages. For more information about VoiceOver, visit http://www.apple.com/accessibility/osx/voiceover/
(b) At least one mode of operation and information retrieval that does not require visual acuity greater than 20/70 shall be provided in audio and enlarged print output working together or independently, or support for Assistive Technology used by people who are visually impaired shall be provided.	Supported	Numbers works with the built-in feature called Zoom with full-screen magnification up to 2000%. Also, Zoom can follow keyboard focus while typing text or navigating tables. For more information about OS X accessibility features related to vision impairments, visit http://www.apple.com/accessibility/osx/#vision
(c) At least one mode of operation and information retrieval that does not require user hearing shall be provided, or support for Assistive Technology used by people who are deaf or hard of hearing shall be provided.	Partially supported	Numbers does not require hearing for use. However, audio or video content can be inserted into Numbers documents, and Numbers takes advantage of OS X's built-in support for closed captions. It also takes advantage of OS X's built-in mono audio mode. For more information about OS X accessibility features related to hearing impairments, visit http://www.apple.com/accessibility/osx/#hearing
(d) Where audio information is important for the use of a product, at least one mode of operation and information retrieval shall be provided in an enhanced auditory fashion, or support for assistive hearing devices shall be provided.	Supported	Users can choose to have visual alerts in place of audible alerts via the accessibility system preferences.
(e) At least one mode of operation and information retrieval that does not require user speech shall be provided, or support for Assistive Technology used by people with disabilities shall be provided.	Supported	Even though Numbers can take advantage of OS X's built-in dictation feature, its default mode of operation simply requires interacting with user interface elements using a keyboard and a mouse or a trackpad.

| (f) At least one mode of operation and information retrieval that does not require fine motor control or simultaneous actions and that is operable with limited reach and strength shall be provided. | Supported with exceptions | Numbers can be used with Sticky Keys to avoid simultaneous actions. In addition, Mouse Keys can be used to execute certain fine-motor functions instead of the mouse.

Alternatively, Numbers also works with the built-in switch software solution called Switch Control, which allows users with varying ranges of motor impairments to use all aspects of OS X. |

Section 1194.41 Information, Documentation and Support – Detail

Criteria	Supporting Features	Remarks and Explanations
(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge.	Supported	Online documentation can be found at http://www.apple.com/support/mac-apps/numbers/
(b) End-users shall have access to a description of the accessibility and compatibility features of products in alternate formats or alternate methods upon request, at no additional charge.	Supported	Information about Numbers and OS X's built-in access technologies is available at http://www.apple.com/accessibility/resources/
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supported	E-mail support and discussion groups are available at http://www.apple.com/support/mac-apps/numbers/