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Voluntary Product Accessibility Template (VPAT)

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Name of Product: Kurzweil 3000

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Section 1194.21 Software Applications and Operating Systems – Detail

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<i>Criteria</i>	Supporting Features	Remarks and explanations
<p>(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.</p>	<ul style="list-style-type: none"> • Keyboard shortcuts • Menu Structure • AAC Devices & Switches • Speech recognition (optional) • IntelliKeys overlays 	<p>Kurzweil 3000 provides access to all features either through use of keyboard shortcuts, or via the menu structure of the program. Standard Windows conventions are followed such that CTRL+C, which is the global keyboard shortcut to copy a selection of text, does the exact same thing in Kurzweil 3000. Additionally, some of the leading augmentative and alternative communication (AAC) devices and switch interface products work with Kurzweil 3000 for individuals with physical disabilities. Finally, it is also possible to use off-the-shelf speech recognition technology to command and control Kurzweil 3000.</p>
<p>(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</p>		<p>To the best of our knowledge, Kurzweil 3000 works well with other assistive technology products and with all supported operating systems and related accessibility features.</p>

available to the product developer.		
(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.	Adjustable cursor	It is possible to adjust the color and thickness of the cursor in Kurzweil 3000, making it more visible in the process. To the best of our knowledge, Kurzweil 3000's interface works well with other assistive technology products including screen reading software for the blind, etc.
(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.	<ul style="list-style-type: none"> • Speak buttons • Speak messages • Button labels/tool tips 	It is possible to activate speaking of buttons and messages in Kurzweil 3000. When activated, Kurzweil 3000 announces everything inside menus, message boxes, etc.
(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.		The user interface in Kurzweil 3000 is consistent throughout all processes. This means that the read button, for example, is in the same place whether the user is reading a document or reading a dictionary definition.
(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.		This requirement is not entirely clear to us. That said, when working in a text file, information is clearly visible on screen confirming text attributes. To hear any text, simply activate reading by keyboard or mouse, or via any other means such as speech recognition or other assistive technology interface.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.		To the best of our knowledge, Kurzweil 3000 does not override any settings established by the user.
(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	Animation is not a feature found in Kurzweil 3000.

<p>(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.</p>		<p>Color coding is not used as the only means of conveying information.</p>
<p>(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.</p>	<ul style="list-style-type: none"> • Change font color • Change background color • Change highlight color • Change cursor color 	<p>Kurzweil 3000 allows the user to change the color for a wide range of things including those items listed to the left.</p>
<p>(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.</p>		<p>Flashing or blinking is not present. We are not certain about the frequency rate when words are highlighted on the screen. That said, highlighting can be disabled if preferred and/or required.</p>
<p>(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.</p>	<p>Fill in the blanks</p>	<p>Kurzweil 3000 can automatically locate form fill opportunities and populate them with a text box. The user navigates to the box using keyboard, mouse, or other navigation technology Kurzweil 3000 is unique in that it can read the entire document, complete with user entered text, in context for proof-reading purposes.</p>

**Section 1194.22 Web-based Internet information and applications –
Detail
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Criteria	Supporting Features	Remarks and explanations
(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Alt attribute of images	Available when Kurzweil 3000 accessed via web browser.
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Not applicable	Kurzweil 3000 does not contain any multimedia presentation components and is therefore n/a in this case.
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Not applicable	There are no known instances where we convey things in color without some additional means of identification. We are therefore in compliance with this requirement.
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Not applicable	Customization of our products with regards to text height and color is possible. Our ability to read web pages is limited to Kurzweil 3000 at this time. Size and style of information on those pages is determined via the tools present in web browsers.
(e) Redundant text links shall be provided for each active region of a server-side image map.	Not applicable	Not applicable
(f) Client-side image maps shall be provided instead of server-side image maps except where the regions cannot be defined with an available geometric shape.	Not applicable	Not applicable
(g) Row and column headers shall be identified	Not applicable	Not applicable

for data tables.		
(h) Markup shall be used to associate data cells and header cells for data tables that have two or more logical levels of row or column headers.	Not applicable	Not applicable
(i) Frames shall be titled with text that facilitates frame identification and navigation	Not applicable	Not applicable
(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Not applicable	Not applicable
(k) A text-only page, with equivalent information or functionality, shall be provided to make a web site comply with the provisions of this part, when compliance cannot be accomplished in any other way. The content of the text-only page shall be updated whenever the primary page changes.	Not applicable	This is not necessary because all text presented on screen by Kurzweil 3000 can be spoken out loud by the system.
(l) When pages utilize scripting languages to display content, or to create interface elements, the information provided by the script shall be identified with functional text that can be read by Assistive Technology.	Not applicable	We are in compliance. Our products are self-voicing, but feature keyboard shortcuts so that they may be controlled by other devices such as the IntelliKeys keyboard.
(m) When a web page requires that an applet, plug-in or other application be present on the client system to interpret page content, the page must provide a link to a plug-in or applet that complies with §1194.21(a) through (l).	Not applicable	Not applicable
(n) When electronic forms are designed to be completed on-line, 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.	Available	Available when Kurzweil 3000 accessed via web browser.
(o) A method shall be provided that permits users to skip repetitive navigation links.	Not applicable	Not applicable
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not applicable	Not applicable

Section 1194.25 Self-Contained, Closed Products – Detail

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Criteria	Supporting Features	Remarks and explanations
(a) Self contained products shall be usable by people with disabilities without requiring an end-user to attach Assistive Technology to the product. Personal headsets for private listening are not Assistive Technology.		Kurzweil 3000 provides all necessary access for those who use it.
(b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not applicable	
(c) Where a product utilizes touchscreens or contact-sensitive controls, an input method shall be provided that complies with §1194.23 (k) (1) through (4).		If the customer access Kurzweil 3000 via web browser allows for use with touchscreen devices. Kurzweil 3000 itself provides all necessary access for those who use it as denoted in 1194.21(a).
(d) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided.	Not applicable	
(e) When products provide auditory output, the audio signal shall be provided at a standard signal level through an industry standard connector that will allow for private listening. The product must provide the ability to interrupt, pause, and restart the audio at anytime.	Start/Pause reading	Kurzweil 3000 allows the user to interrupt reading at any time, to advance backwards or forward through the text, to navigate across pages, and to change the rate or speech and the voice (male/female).

<p>(f) When products deliver voice output in a public area, incremental volume control shall be provided with output amplification up to a level of at least 65 dB. Where the ambient noise level of the environment is above 45 dB, a volume gain of at least 20 dB above the ambient level shall be user selectable. A function shall be provided to automatically reset the volume to the default level after every use.</p>		<p>Volume control is a feature of the operating system on which Kurzweil 3000 is installed. As such, fine adjustments to volume are possible.</p>
<p>(g) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.</p>		<p>Color coding is not used as the only means of conveying information.</p>
<p>(h) When a product permits a user to adjust color and contrast settings, a range of color selections capable of producing a variety of contrast levels shall be provided.</p>	<ul style="list-style-type: none"> • Change font color • Change background color • Change highlight color • Change cursor color 	<p>Kurzweil 3000 allows the user to change the color for a wide range of things including those items listed to the left.</p>
<p>(i) Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.</p>	<p>Not applicable</p>	<p>A function of the computer hardware on which Kurzweil 3000 is installed.</p>
<p>(j) (1) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: The position of any operable control shall be determined with respect to a vertical plane, which is 48 inches in length, centered on the operable control, and at the maximum protrusion of the product within the 48 inch length on products which are freestanding, non-portable, and intended to be used in one location and which have operable controls.</p>	<p>Not applicable</p>	

<p>(j)(2) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Where any operable control is 10 inches or less behind the reference plane, the height shall be 54 inches maximum and 15 inches minimum above the floor.</p>	<p>Not applicable</p>	
<p>(j)(3) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Where any operable control is more than 10 inches and not more than 24 inches behind the reference plane, the height shall be 46 inches maximum and 15 inches minimum above the floor.</p>	<p>Not applicable</p>	
<p>(j)(4) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Operable controls shall not be more than 24 inches behind the reference plane.</p>	<p>Not applicable</p>	

Section 1194.26 Desktop and Portable Computers – Detail

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Criteria	Supporting Features	Remarks and explanations
(a) All mechanically operated controls and keys shall comply with §1194.23 (k) (1) through (4).	Not applicable	
(b) If a product utilizes touchscreens or touch-operated controls, an input method shall be provided that complies with §1194.23 (k) (1) through (4).	Not applicable	
(c) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided.	Not applicable	
(d) Where provided, at least one of each type of expansion slots, ports and connectors shall comply with publicly available industry standards	Not applicable	

Section 1194.31 Functional Performance Criteria – Detail

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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.	<ul style="list-style-type: none"> • Speak menus • Speak buttons • Text-to speech while you type 	Absolutely! Kurzweil 3000 provides audible output for users who are blind or visually impaired. Additionally, use of a screen-reading program is also permitted.
(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.	<ul style="list-style-type: none"> • Zoom • Magnify spoken word 	Kurzweil 3000 allows the user to enlarge fonts through use of operating system accessibility features or through the use of a magnification screen-reading program. Kurzweil 3000 also provides zoom capabilities and a spoken word magnification window to enlarge text on the screen.
(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		Kurzweil 3000 is first and foremost a product for individuals with a sight-based learning disability. That said, an individual with a hearing impairment can see words as they are highlighted and spoken.
(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.		Anything that is spoken by Kurzweil 3000 is also displayed in text on screen. Additionally, words are highlighted in context as reading takes place to help them follow along.

<p>(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.</p>	<p>Not applicable</p>	<p>It is not necessary to speak in order to use Kurzweil 3000.</p>
<p>(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.</p>		<p>Command and control of Kurzweil 3000 is possible using speech recognition technology, keyboard, mouse, or other access technology.</p>

Section 1194.41 Information, Documentation and Support – Detail

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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		All Kurzweil 3000 documentation is made available in electronic format only, so that it can be read out loud directly from within Kurzweil 3000.
(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.		All information is provided electronically so that the end user can listen to it being read by Kurzweil 3000, or by using another assistive technology product to access documentation.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.		Support is available by phone and via email during our posted business hours. We have (and do/will) worked via special operators to facilitate communication with individuals who cannot use a phone or computer because of special needs.