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VPAT™

Voluntary Product Accessibility Template®

Version 1.3

The purpose of the **Voluntary Product Accessibility Template**, or **VPAT™**, is to assist Federal contracting officials and other buyers in making preliminary assessments regarding the availability of commercial "Electronic and Information Technology" products and services with features that support accessibility. Autodesk provides this information to help our customers understand the accessibility features of this Autodesk product in the context of the Section 508 standards. This was done with the intent to enable agencies to be compliant with the Section 508 regulations. This document is not intended to be a certification of compliance.

The first table of the Template provides a summary view of the Section 508 Standards. The subsequent tables provide more detailed views of each subsection. There are three columns in each table. Column one of the Summary Table describes the subsections of subparts B and C of the Standards. The second column describes the supporting features of the product or refers you to the corresponding detailed table, e.g., "equivalent facilitation." The third column contains any additional remarks and explanations regarding the product. In the subsequent tables, the first column contains the lettered paragraphs of the subsections. The second column describes the supporting features of the product with regard to that paragraph. The third column contains any additional remarks and explanations regarding the product.

Date: April 11th, 2013

Name of Product: Autodesk® 3ds Max® Design 2014

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Summary Table

Working with 3ds Max Design 2014 and Section 508

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Criteria	Supporting Features	Remarks and explanations
Section 1194.21 Software Applications and Operating Systems	Supports with exceptions.	See Section 1194.21 for details.
Section 1194.22 Web-based Internet Information and Applications	Not Applicable.	
Section 1194.24 Video and Multi-media Products	Not Applicable.	
Section 1194.31 Functional Performance Criteria	Supports with exceptions.	See Section 1194.31 for details.
Section 1194.41 Information, Documentation and Support	Supports with exceptions.	See Section 1194.41 for details.

Section 1194.21 Software Applications and Operating Systems – Detail

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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	Supports with exceptions.	Keyboard navigation is provided for most Menu commands.

performing a function can be discerned textually.		Also, a Command Line allows the user to type in commands and other input.
(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.	Supports with exceptions.	3ds Max Design does not generally disrupt or disable the accessibility features of the Windows® operating system. The Narrator does not work for all controls in the 3ds Max Design interface, for example icon buttons. Users can use the equivalent menu items, via the Narrator. 3ds Max Design does not support the use of large fonts in most of the interface.
(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.	Supports with exceptions.	Focus is indicated by a yellow outline in the window pane, and most buttons and menu items highlight in blue, or with a dark border, when in focus.

		There is no programmatic means to change the focus.
(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.	Supports with exceptions.	3ds Max Design provides information to the user via the Microsoft® Active Accessibility Application. Not all UI controls are accessible via the Narrator tool. Text tooltips are also available for most (if not all) UI icons.
(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.	Supports.	Bitmap images and actions associated with them are consistent.
(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.	Supports.	A text window records the log of what is being done. Also, this log file can be saved.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports.	The 3ds Max Design application does not override contrast and color selections. The application performs

		acceptably under High Contrast settings. Also, the user has the ability to change color settings.
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Supports with exceptions.	Animation is created by the 3ds Max Design application, and this has no equivalent means of viewing. There is no animation in the interface controls. Animated displays are included within the 3ds Max Design Help System. The same information is documented with text and images.
(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.	Supports with exceptions.	Color-coding is not generally used as the only means of conveying information. The selection list however is color-coded, and some editors use color information to indicate

		animated channels and other status information.
(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.	Supports.	3ds Max Design provides a wide variety of color selections. The user has the ability to customize the application window.
(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.	Supports.	3ds Max Design does not use flashing or blinking text.
(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.	Supports with exceptions.	Microsoft Active Accessibility applications like the Narrator can be used to access particulars of the components of a form/dialog box.

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).		
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.		
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.		
(d) Documents shall be organized so they are readable without requiring an associated style sheet.		
(e) Redundant text links shall be provided for each active region of a server-side image map.		
(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.		
(g) Row and column headers shall be identified 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.		
(i) Frames shall be titled with text that facilitates frame identification and navigation		
(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.		
(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		

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compliance cannot be accomplished in any other way. The content of the text-only page shall be updated whenever the primary page changes.		
(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.		
(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).		
(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.		
(o) A method shall be provided that permits users to skip repetitive navigation links.		
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.		

Note to 1194.22: The Board interprets paragraphs (a) through (k) of this section as consistent with the following priority 1 Checkpoints of the Web Content Accessibility Guidelines 1.0 (WCAG 1.0) (May 5 1999) published by the Web Accessibility Initiative of the World Wide Web Consortium: Paragraph (a) - 1.1, (b) - 1.4, (c) - 2.1, (d) - 6.1, (e) - 1.2, (f) - 9.1, (g) - 5.1, (h) - 5.2, (i) - 12.1, (j) - 7.1, (k) - 11.4.

Section 1194.24 Video and Multi-media Products – Detail

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Criteria	Supporting Features	Remarks and explanations
a) All analog television displays 13 inches and larger, and computer equipment that includes analog television receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals. As soon as practicable, but not later than July 1, 2002, widescreen digital television (DTV) displays measuring at least 7.8 inches vertically, DTV sets with conventional displays measuring at least 13 inches vertically, and stand-alone DTV tuners, whether or not they are marketed with display screens, and computer equipment that includes DTV receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives,		

decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals.		
(b) Television tuners, including tuner cards for use in computers, shall be equipped with secondary audio program playback circuitry.		
(c) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain speech or other audio information necessary for the comprehension of the content, shall be open or closed captioned.		
(d) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain visual information necessary for the comprehension of the content, shall be audio described.		
(e) Display or presentation of alternate text presentation or audio descriptions shall be user-selectable unless permanent.		

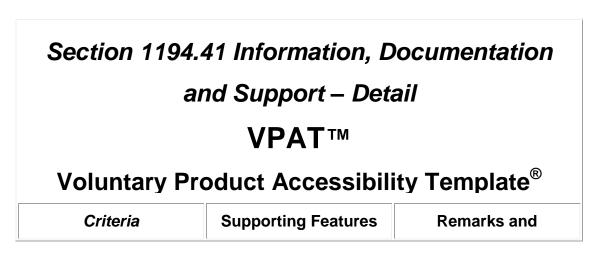## *Section 1194.31 Functional Performance*

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.	Supports with exceptions.	Microsoft Active Accessibility applications like the Narrator can be used to access particulars of the components of a form/dialog box. Some interface controls such as 3d manipulators and 2d graphical widgets in some editors are not accessible via the Narrator.
(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.	Supports with exceptions.	Keyboard navigation is provided for most Menu commands. Assistive Technology like the Magnifier can be used to provide enlarged print output.
(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	Supports with exceptions.	Audio is used in one feature of 3ds Max Design which allows the user to work with a soundtrack for animation. For all other features, 3ds Max Design does not require user hearing in order to operate the

		software.
(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.	Supports with exceptions.	With the exception of the soundtrack feature, 3ds Max Design does not require user hearing to operate the software.
(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.	Supports.	3ds Max Design does not require user speech in order to operate the software.
(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.	Supports with exceptions.	Keyboard navigation is provided for most menu commands in 3ds Max Design. In addition, the software can be customized to enhance access to particular functions, for example with larger controls.

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	Supports with exceptions.	Support documentation is available in electronic format only. It can either be accessed on-line, or could get downloaded from the Autodesk website at no additional charge.
(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.	Supports with exceptions.	This document is posted on the Autodesk website at http://www.autodesk.com . Search for "Section 508".
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports.	Support services options are available via webpage, e-mail, fax, or phone. Direct, in-person support is available through resellers.

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