

# 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. It is assumed and recommended that offerers will provide additional contact information to facilitate more detailed inquiries.

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:** March 26, 2010

**Name of Product:** Autodesk® 3ds Max® Design 2011

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### *Summary Table*

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<i>Criteria</i>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
Section 1194.21 <a href="#">Software Applications and Operating Systems</a>	Supports with exceptions.	See Section 1194.21 for details.
Section 1194.22 <a href="#">Web-based Internet Information and Applications</a>	Not Applicable.	
Section 1194.31 <a href="#">Functional Performance</a>	Supports with exceptions.	See Section 1194.31 for

<a href="#">Criteria</a>		details.
Section 1194.41 <a href="#">Information, Documentation and Support</a>	Supports with exceptions.	See Section 1194.41 for details.

## ***Section 1194.21 Software Applications and Operating Systems – Detail***

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<b><i>Criteria</i></b>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
(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.	Supports with exceptions.	Keyboard navigation is provided for most Menu commands. 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 <sup>®</sup> 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 1194.31 Functional Performance Criteria – Detail***

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<b><i>Criteria</i></b>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
(a) At least one mode of operation and information retrieval that does not require user vision shall be provided, or support for Assistive	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

Technology used by people who are blind or visually impaired shall be provided.		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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<b>Criteria</b>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
(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, on the 3ds Max Design DVD and on 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 <a href="http://www.autodesk.com">http://www.autodesk.com</a> . 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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