

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.

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Name of Product: Autodesk® Factory Design Suite

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Summary Table

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

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 performing a function can be discerned textually.	Supports with Exceptions	Factory Design Suite Launchpad functions cannot be executable through keyboard.
(b) Applications shall not disrupt or disable activated features of other products that are identified as accessibility features,	Supports with Exceptions	Factory Design Utilities are not available in Classic

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.		UI.
(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	The focus on all Factory Design Utilities dialogs can be changed correctly by clicking "Tab".
(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	<p>All Factory Design Utilities icons have a tooltip (text) and shortcut key. Icons in the toolbar also have an extended mode where icon plus text is shown.</p> <p>The Narrator can find identity, operation, state of toolbars, (context) menus, tabs, and dropdown menus.</p>
(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	Text Box object in the API has Text method for content, origin method for location and the kinds of attribute methods like color etc.

(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports	Factory Design Utilities can follow user's selection well.
(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.	Supports with Exceptions	Factory Design Utilities use color as mean to express some analysis result in AutoCAD.
(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	<p>Factory Design Utilities provide a wide variety of color selections. The user has the ability to customize the application window and other interface elements. Users can also use pre-defined named color styles.</p> <p>Selecting asset in AutoCAD asset browser is not very clear with high contrast.</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.	Supports	Factory Design Utilities do 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	Microsoft Active Accessibility applications such as the Narrator, Magnifier and the On-screen keyboard 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).	Not Applicable	
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Not Applicable	
(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	
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Not Applicable	
(e) Redundant text links shall be provided for each active region of a server-side image map.	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	
(g) Row and column headers shall be identified for data tables.	Not Applicable	
(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	
(i) Frames shall be titled with text that facilitates frame identification and navigation	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	

(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	
(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	
(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	
(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.	Not Applicable	
(o) A method shall be provided that permits users to skip repetitive navigation links.	Not Applicable	
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Supports	Factory Design Utilities provide download indicator to show user the download progress when downloading asset from cloud server.

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 1194.31 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.	Not Applicable	
(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	<p>No audio is available in the product.</p> <p>Keyboard navigation is provided for all menu commands in Navisworks Factory Utility.</p> <p>Keyboard navigation is provided for most of menu commands in AutoCAD and Inventor Factory Utilities.</p> <p>Also, a Command Alias Input or shortcut key allows the user to type in commands.</p>
(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	Factory Design Utilities do 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	Supports	Factory Design Utilities do not require user hearing in order to operate the software.

retrieval shall be provided in an enhanced auditory fashion, or support for assistive hearing devices shall be provided.		
(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	Factory Design Utilities do 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	<p>Keyboard navigation is provided for all menu commands in Navisworks Factory Utility.</p> <p>Keyboard navigation is provided for most of menu commands in AutoCAD and Inventor Factory Utilities.</p> <p>Also, a Command Alias Input or shortcut key allows the user to type in commands.</p>

Section 1194.41 Information, Documentation and Support

– Detail

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<i>Criteria</i>	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	Support documentation is available within the product, as hardcopy, or as Adobe PDF.

(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	<p>This document is posted on our website at http://www.autodesk.com. Search for “Section 508”</p> <p>No Factory Design Suite document in the Government-accessibility page.</p>
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports	<p>Support services options are available via webpage, e-mail, fax, or phone. Direct, in person support is also available through resellers.</p>



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