

# 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. It is assumed and recommended that offerors 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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**Date:** March 2<sup>nd</sup>, 2016

**Name of Product:** Autodesk® AutoCAD® P&ID 2017

**Contact for more Information (name/phone/email):**

Autodesk Inc.

111 McInnis Pkwy

San Rafael, CA 94903

415-507-8000

**Summary Table**  
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<b>Criteria</b>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
Section 1194.21 <a href="#">Software Applications and Operating Systems</a>	Supports with Exceptions	See details below.
Section 1194.22 <a href="#">Web-based Internet Information and Applications</a>	Not applicable	
Section 1194.24 <a href="#">Video and Multi-media Products</a>	Not applicable	
Section 1194.31 <a href="#">Functional Performance Criteria</a>	Supports with Exceptions	See details below.
Section 1194.41 <a href="#">Information, Documentation and Support</a>	Supports	See details below.

**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>	<p>Supports with Exceptions</p>	<p>Keyboard input is provided for most commands. Also, a command line enables the user to type in commands directly and specifies other input. Supports key tips for ribbon tabs and most widgets in ribbon. When panels are minimized, key tips don't work. The Panel minimize function does not have a keyboard access method. Provides inconsistent information about user interface elements via the Microsoft Accessibility Applications. For example ribbon</p>

		<p>text and Tooltips are not available to Microsoft Narrator. Tooltip equivalents of ribbon buttons text are provided, but audio versions are not supported. Toolbar and ribbon button images have textual equivalents</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 available to the product developer.</p>	<p>Supports</p>	<p>Testing has indicated that the AutoCAD P&amp;ID software program does not disrupt the accessibility features of other products on the user's system.</p>
<p>(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.</p>	<p>Supports with Exceptions</p>	<p>Focus is programmatically exposed through command line scripting, Microsoft® Visual Basic® for applications (VBA), and C++</p>

		programming interface.
(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	The product provides information to the user via the Microsoft Active Accessibility application.
(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 with Exceptions	Bitmap images and associated actions are mostly 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. This log file can be saved.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports	Application does not override contrast and color selections. Testing* shows that the application performs well under high contrast settings.

		The user can also 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	Animated displays are included only within the product's 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	Color-coding is not used as the only means of conveying information. The user can enter a color index or in certain cases an RGB value. Users can also use predefined named colors as described by PANTONE®, RAL, and DIC® color systems.
(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	The product provides a variety of color selections that produce a range of contrast levels.

<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>Supports</p>	<p>AutoCAD P&amp;ID does not use flashing or blinking text.</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>Supports</p>	<p>Microsoft Active Accessibility applications like the Narrator can be used to access particulars of the components of a form/dialog box.</p>

***Section 1194.22 Web-based Internet information and applications – Detail***

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<b><i>Criteria</i></b>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
<p>(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).</p>	<p>Not applicable</p>	<p>Not applicable .</p>

<p>(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.</p>	<p>Not applicable</p>	
<p>(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.</p>	<p>Not applicable</p>	
<p>(d) Documents shall be organized so they are readable without requiring an associated style sheet.</p>	<p>Not applicable</p>	
<p>(e) Redundant text links shall be provided for each active region of a server-side image map.</p>	<p>Not applicable</p>	
<p>(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.</p>	<p>Not applicable</p>	
<p>(g) Row and column headers shall be identified for data tables.</p>	<p>Not applicable</p>	
<p>(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.</p>	<p>Not applicable</p>	
<p>(i) Frames shall be titled with text that facilitates frame identification and navigation</p>	<p>Not applicable</p>	
<p>(j) Pages 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>(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</p>	<p>Not applicable</p>	



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.	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.	Not applicable	

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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<b>Criteria</b>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
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.	Not applicable	
(b) Television tuners, including tuner cards for use in computers, shall be equipped with secondary audio program playback circuitry.	Not applicable	
(c) All training and informational video and multimedia productions which support the agency's mission,	Not applicable	

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.	Not applicable	
(e) Display or presentation of alternate text presentation or audio descriptions shall be user-selectable unless permanent.	Not applicable	

## ***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 Technology used by people who are blind or visually impaired shall be provided.	Supports with Exceptions	Application supports assistive technologies with minor exceptions like reading tooltips.

<p>(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.</p>	<p>Supports with Exceptions</p>	<p>No audio is available in the product. Keyboard navigation is provided for all menu commands. Also, a command line enables the user to type in commands and other input. This text input can be enlarged through product options. Microsoft Active Accessibility applications such as Narrator can be used to access particulars of the components of a form or dialog box.</p>
<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</p>	<p>Supports</p>	<p>AutoCAD P&amp;ID does not require user hearing to operate the product.</p>
<p>(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.</p>	<p>Supports</p>	<p>AutoCAD P&amp;ID does not require user hearing to operate the product.</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.	Supports	AutoCAD P&ID does not require user speech 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 all AutoCAD P&ID commands.

**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	Product documentation is provided in the product, and at no cost online at <a href="http://www.autodesk.com">www.autodesk.com</a>
(b) End-users shall have access to a description of the accessibility and compatibility features of	Supports	This document is posted at <a href="http://www.autodesk.com">www.autodesk.com</a> .

products in alternate formats or alternate methods upon request, at no additional charge.		Search for "VPAT".
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports	Support services options are available via the web, email, fax, or phone. Direct, in-person support is also available through resellers.



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