Voluntary Product Accessibility Template

The purpose of the Voluntary Product Accessibility Template is to assist federal contracting officials in making preliminary assessments regarding the availability of commercial Electronic and Information Technology products and services with features that support accessibility. It is assumed 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: 10/30/2011
Name of Product: Windchill 10.x
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Guideline	Applicable	Compliance
§1194.21 - Software Applications and Operating Systems	Applicable	Supports with Exceptions
§1194.22 – Web-based Intranet and Internet Information and Systems	Applicable	Supports with Exceptions
§1194.23 - Telecommunications Products	Not applicable	-
§1194.24 - Video and Multimedia Products	Not applicable	-
§1194.25 – Self-Contained, Closed Products	Not applicable	-
§1194.26 - Desktop and Portable Computers	Not applicable	-
§1194.31 - Functional Performance Criteria	Applicable	Supports with Exceptions
§1194.41 - Information, Documentation, Support	Applicable	Significantly Supports

Section 1194.21 Software Applications and Operating Systems - Detail

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**	Some of Windchill 10.x core functionality cannot be used with the keyboard including: • Home button • In-page navigation links • Table row drop down menus • Checkboxes within the table rows • Modal dialog windows
(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**	Windchill 10.x does not interfere with or deactivate accessibility features of the operating system.
(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**	Windchill 10.x provides a visual indication of focus for some interactive elements. Some focusable elements (links, buttons etc.) do not display an indication of visible 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**	WAI-ARIA is used to expose role and state information on some elements, but some elements are not exposed correctly, such as divs and span elements that are used as active elements and tab controls without role and state information.
(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**	Images are used consistently within Windchill 10.x.
(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**	Textual information is available to assistive technology in Windchill 10.x.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	**Supports with exceptions**	Some buttons and other visual information in Windchill 10.x are either lost or have very low contrast when in High Contrast mode.
(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**	Windchill 10.x does not use animation.
(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**	Windchill 10.x uses color coding and a text alternative to convey information.

Criteria	Supporting Features	Remarks and explanations
(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.	**Not applicable**	Windchill 10.x does not provide options for users to change color and contrast settings.
(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**	Windchill 10.x does not use text, objects, or other elements that flash or blink.
(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**	Some form controls do not have accessible names, including: • Search form • Checkboxes in drop down menus

Section 1194.22 Web-based Internet information and applications - Detail

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).	**Supports with exceptions**	Some images in Windchill 10.x do not have alt text or have incorrect alt text, including icons, decorative and product images. Title attributes are used with appropriate text so that assistive technology that supports the title attribute will make use of it.
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	**Not applicable**	Windchill 10.x does not contain multimedia.
(c) Web pages shall be designed so that all information conveyed	**Supports**	Windchill 10.x uses color coding and a text alternative to

with color is also available without color, for example from context or markup.		convey information.
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	**Does not support**	Windchill 10.x is a web-based application that requires style sheets to work correctly.
(e) Redundant text links shall be provided for each active region of a server-side image map.	**Not applicable**	Windchill 10.x does not use server side image maps.
(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**	Windchill 10.x does not use client side image maps.
(g) Row and column headers shall be identified for data tables.	**Does not support**	Row and column headers are not identified in 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**	There are no data tables with more than one logical level of column or row headers in Windchill 10.x.
(i) Frames shall be titled with text that facilitates frame identification and navigation	**Support with Exceptions**	The frames in the help system and the iframes in Windchill 10.x application do not have a title.
(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	**Supports**	Windchill 10.x does not cause the screen to flicker.
(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	**Not applicable**	Accessibility provisions in Windchill 10.x can be provided without requiring a separate text-only version.

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.	**Supports with exceptions**	Some elements, that utilize scripting, are not announced correctly to assistive technology, including. • Notifications that an action has been taken • Buttons • Tabs
(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).	**Supports**	Windchill 10.x does not require an applet, plug-in, or other application to be present to interpret the page.
(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.	**Supports with exceptions**	Some form controls do not have accessible names, including: • Search form • Checkboxes in drop down menus
(o) A method shall be provided that permits users to skip repetitive navigation links.	**Supports with exceptions**	Windchill 10.x includes some headings that enable users to bypass repetitive navigation.
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	**Supports**	Windchill 10.x does not require timed responses.

Section 1194.31 Functional Performance Criteria - Detail

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.	**Does not support**	Some functionality within Windchill 10.x is not available to screen reader users, including the operation of some controls. The identity of interface elements is not always exposed to assistive technology.
(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**	Windchill 10.x supports screen magnifiers.
(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**	Windchill 10.x does not require user hearing.
(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**	Windchill 10.x does not require user hearing.

(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**	Windchill 10.x does not require user speech
(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**	The parts of Windchill 10.x that cannot be operated using the keyboard alone, such as the function icons, have smaller targets that could cause problems for people with mobility impairments.

Section 1194.41 Information, Documentation, and Support

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**	Windchill 10.x provides online versions of product support documentation.
(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**	This VPAT is available in digital format on the PTC Technical Support site. Alternate formats may be provided upon request. The software provides an "About Accessibility" online help with details the accessibility-related features of the product.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	**Supports**	Support is available via telephone, email, and web.