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Teamcenter 11.2- Voluntary Product Accessibility Template

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Summary Table
Voluntary Product Accessibility Template

Criteria	Level of Support and Supporting Features	Remarks and Explanations
Section 1194.21 Software Applications and Operating Systems.	Applicable	Significantly Supports
Section 1194.22 Web-based Internet Information and Applications.	Applicable	Significantly Supports
Section 1194.23 Telecommunications Products.	Not Applicable	Teamcenter is not considered a telecommunications product according to the definition in 1194.23.
Section 1194.24 Video and Multi-media Products.	Not Applicable	Teamcenter does not use multimedia except as covered in section 1194.24.
Section 1194.25 Self-Contained, Closed Products.	Not Applicable	Teamcenter is not a self-contained product according to the definition in Section 1194.25.
Section 1194.26 Desktop and Portable Computers.	Not Applicable	Teamcenter is software as defined under section 1194.26.
Section 1194.31 Functional Performance Criteria.	Applicable	Significantly Supports
Section 1194.41 Information, Documentation and Support.	Applicable	Supports

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Section 1194.21 Software Applications and Operating Systems - Detail
Voluntary Product Accessibility Template

Criteria	Level of Support and 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.	Partially Supports or Supports with Exceptions	The Alt key allows access to main menu items in the standard Windows fashion. The Tab-Key-allows to move the cursor to next field. Arrow key allows access the contents of main menu. It is also allowing to expanding and collapsing the Workspace object. Shortcut keys are available to access the main menu. For e.g. Ctrl +T allows to opening new item creation dialog. Shift+Tab allow to move back the cursor to the original position. Not all buttons in dialogs and embedded panes respond to keyboard activation.
(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	Accessibility features of other products are not disabled.

(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.	Partially Supports or Supports with Exceptions	Not all fields or buttons indicate keyboard 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.	Partially Supports or Supports with Exceptions	All menus are in text, although they may also have icons associated with them. Menu labels provide state and identity information to assistive technology. Toolbar icons provide state and identity information to assistive technology. All checkboxes and radio buttons indicate state by showing a check mark or blank. Checkboxes are labeled or given context by subsequent row information. Checkboxes and radio buttons provide state and identity information to assistive technology. Scrollbars support Accessibility APIs. Not all UI elements provide operational state information to Assistive technology.
(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	Each icon means the same on the toolbar as on screens displayed above the Main Area. Each class icon means the same in lists and in all content panes. Any exceptions to this are considered bugs, and are subject to compliance when they are detected.

(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	Alt textual content is provided through operating system functions for displaying text.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports	User can easily navigate Teamcenter by applying the High contrast Black and white theme.
(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	Animations are not used in Teamcenter
(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.	Partially Supports or Supports with Exceptions	In some instances color indicators are only used for indicating status information that may be contained or displayed on other information screens. Also, theme resolution does not affect the Teamcenter UI.
(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	Color contrast settings provided by the operating system are supported.
(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.	Not Applicable	There are no blinking or flashing elements used.
(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.	Partially Supports or Supports with Exceptions	Text entry fields and drop down lists are included in the tab order. User is not able to use the 'Tab' and arrow navigation keys to navigate between all screen elements, an example being the right hand tabs in the

		Navigator.
(M) On Screen Keyboard	Supports	On screen keyboard behavior same as normal keyboard.

Section 1194.22 Web-based Intranet and Internet Information and Applications - Detail
Voluntary Product Accessibility Template

Criteria	Level of Support and 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).	Partially Supports or Supports with Exceptions	Text label for some of the images and text links are missing.
(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.	Partially Supports or Supports with Exceptions	In some instances color indicators are solely used for indicating status information that may be contained or displayed on other information screens.
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Supports	The documents are organized in a logical fashion and can be read without requiring an associated style sheet
(e) Redundant text links shall be provided for each active region of a server-side image map.	Not Applicable	No server side image maps used.
(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	No client side image maps used.
(g) Row and column headers shall be identified for data tables.	Supports	Row and Column headers are appropriately identified

		for information presented in 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	
(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	There is no blinking or flashing elements used.
(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.	Partially Supports or Supports with Exceptions	The Interface can be rendered with images off in the browser, although some of the images can be seen and for the others 'picture not seen' icon is displayed. Not all icons and images have 'alt' text.
(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	Functional text is 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).	Supports	If a required plugin is unavailable, a link is provided, that enables the user to install the required plugin

(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.	Partially Supports or Supports with Exceptions	Text entry fields and drop down lists are included in the tab order. User is not able to use the 'Tab' and arrow navigation keys to navigate between all screen elements, an example being the right hand tabs in the Navigator.
(o) A method shall be provided that permits users to skip repetitive navigation links.	Partially Supports or Supports with Exceptions	Customization options are available for hiding navigation links. Some links within the content area do not support hiding via customization.
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not Applicable	There are no UI elements that require a timed response

Section 1194.31 Functional Performance Criteria – Detail
Voluntary Product Accessibility Template

Criteria	Level of Support and 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 - Fundamental Alteration Exception Applies	Explanations are provided for all individual criteria under the section.
a.1) Are all features of the product or service available to users of the product or service with no vision?	Not Applicable - Fundamental Alteration Exception Applies	It is not possible to test the entire Teamcenter without vision. Testing is input based on key boards, mouse ,etc.
a.2) Are all features of the product or service available to users of the product or service with assistive technology?	Partially Supports or Supports with Exceptions	Most of the features support assistive technology
a.3) Are all features of the product or service available to users of screen readers? (The product or service cannot be usable with one screen reader and not another.)?	Partially Supports or Supports with Exceptions	Majority of the functionality available across various Teamcenter modules support the screen readers. However, few features were not readable e.g. Scroll down bars, LOV drop down values etc.

a.4) Are all features of the product or service available to users of Braille displays?	Not Applicable - Fundamental Alteration Exception Applies	Braille displays are not supported.
a.5) If visual alerts are provided, are they also available in an auditory manner?	Does not Support	Visual alerts and popups for Notifications in Teamcenter are available, but not audible.
a.6) If multimedia products are provided are they video described?	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 when combined with Compatible AT	Explanations are provided for all individual criteria under the section.
b.1) Are all features of the product or service available to users of the product or service with low vision?	Supports when combined with Compatible AT	Using Magnifier, majority of the Teamcenter modules were operated upon successfully.
b.2) Are all features of the product or service available to users of the product or service with low vision using assistive technology such as screen magnifiers (The product or service cannot be usable with one screen magnifier and not another.)?	Supports	Screen magnifier is supported. Magnifying mode of 1)Lens 2) Docked 3) Full screen 4) Preview Full screen. Teamcenter was being visibly clear enough to get operated by users having low vision. Clicks buttons,

		popups, Drop Downs were visible.
b.3) If visual alerts are provided, are they also available in an auditory manner?	Does not Support	No audios appear along with visual alerts for Teamcenter notifications.
b.4) If multimedia products are provided are they video described?	Not Applicable	
b.5) If multimedia products are provided can they be enlarged?	Not Applicable	
(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	Explanations are provided for all individual criteria under the section.
c.1) Are all features of the product or service available to users of the product or service with no hearing?	Supports	Features are not dependent on user hearing.

c.2) If audio alerts are provided, are they also available in a visual manner?	Supports	Alerts e.g. mails, notifications are shown visually.
c.3) If multimedia products are provided are they captioned?	Not Applicable	
(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	Explanations are provided for all individual criteria under the section.
d.1) Are all features of the product or service available to hard of hearing users?	Supports	Features are not dependent on user hearing.
d.2) Can a default audio output be set to various levels and is it user selectable?	Supports	Earphone, Headset devices plugged on and out, Teamcenter does not interfere in the functioning of default audio output. Volume controls levels were adjustable.
d.3) If audio alerts are provided, are they also available in a visual manner?	Supports	Alerts e.g. mails, notifications are shown visually.

d.4) If multimedia products are provided are they captioned?	Not Applicable	
(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	Explanations are provided for all individual criteria under the section.
e.1) Are all features of the product or service available to users that do not require user speech?	Supports	Features are not dependent on speech input.
(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.	Not Applicable - Fundamental Alteration Exception Applies	Explanations are provided for all individual criteria under the section.
f.1) Are all features of the product or service available to users that do not require fine motor control or simultaneous actions and that is operable with limited reach and strength?	Partially Supports or Supports with Exceptions	Some of the visualization features require motor control.
f.2) Are all features of the product or service available to users of voice recognition technology?	Does not Support	Voice recognition tools not supported.

f.3) Are all features of the product or service available to users of pointer technology?	Supports	
f.4) Are all features of the product or service available to users of eye tracker technology?	Supports when combined with Compatible AT	Eye tracking technology is supported through external hardware device and associated software similar to pointing devices.

Section 1194.41 Information, Documentation and Support – Detail Voluntary Product Accessibility Template

Criteria	Level of Support and 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	Product documentation is provided in 2 commonly used formats – PDF and HTML
(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	
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports	