

# Voluntary Product Accessibility Template (VPAT) for Distributed Products

<b>Project Name:</b>	<b>Voluntary Product Accessibility Template (VPAT) CA Project and Portfolio Manager 13.3, 14.x, and 15.x</b>
<b>Last Revision Date:</b>	October 5, 2018 (updates to format and intro text only; the detailed compliance information from August 3, 2015 remains as-is)
<b>Revision:</b>	1.0 (with Oct 5, 2018 intro text below and format change from 30 pages to 7)

The 13.x/14.x VPAT remains valid today for the classic user interface (*Classic PPM*) for all releases of CA PPM 13.3 and higher including 14.x and 15.x. The following revised Section 508 safe harbor provision applies:

The Revised 508 Standards also include a *safe harbor* provision for existing legacy information and communication technology (ICT). Under this safe harbor, unaltered, existing ICT (including electronic content) that complies with the Original 508 Standards need not be modified or upgraded to conform to the Revised 508 Standards.

- This safe harbor applies on an element-by-element basis to each component or portion of the existing ICT, with each component or portion assessed separately.
- Existing, unaltered ICT that did not comply with the Original 508 Standards as of January 18, 2018 must now be brought into compliance with the Revised 508 Standards.

Source: <https://www.section508.gov/blog/Revised-508-Standards-Safe-Harbor-and-FAR-Update>

With the above provision in mind, the VPAT compliance testing standards have changed. The CA PPM product leadership team has the list of remediation items necessary to comply with the new testing standards. We are currently remediating these identified issues and are planned the inclusion of their associated fixes in the CA PPM 15.5.1 service pack release targeted for December 2018 or the CA PPM 15.6 release tentatively planned for March or April of 2019. The remediation effort applies only to the Classic PPM functionality.

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## 1. PRODUCT DETAILS

<b>Date Created:</b>	August 3, 2015
<b>Product Name:</b>	CA™ Project and Portfolio Manager
<b>Version:</b>	14.3
<b>Contact for more Information:</b>	Jaisan Naidu

## 2. SUPPORTING FEATURES (SECOND COLUMN ON VPAT)

<b>Supports</b>	Use this language when you determine the product fully meets the letter and intent of the Criteria.
<b>Supports with exceptions</b>	Use this language when you determine the product does not fully meet the letter and intent of the Criteria, but provides some level of access relative to the Criteria.
<b>Supports through equivalent facilitation</b>	Use this language when you have identified an alternate way to meet the intent of the Criteria or when the product does not fully meet the intent of the Criteria.
<b>Supports when combined with compatible AT</b>	Use this language when you determine the product fully meets the letter and intent of the Criteria when used in combination with Compatible AT. For example, many software programs can provide speech output when combined with a compatible screen reader (commonly used assistive technology for people who are blind).
<b>Does not Support</b>	Use this language when you determine the product does not meet the letter or intent of the Criteria.
<b>Not Applicable</b>	Use this language when you determine that the Criteria do not apply to the specific product.
<b>Not Applicable - Fundamental alteration exception applies</b>	Use this language when you determine a Fundamental Alteration of the product would be required to meet the Criteria (see the access board standards for the definition of "fundamental alteration").

## 3. VPAT SUMMARY TABLE

**Note:** This VPAT documents the results of testing procedures updated for the Section 508-refresh/WCAG 2.0 harmonization criteria. Test results for these additional criteria are documented in [RESULTS OF TESTING TO SECTION 508-REFRESH/WCAG 2.0 HARMONIZATION CRITERIA](#).

Criteria	Supporting Features	Remarks and explanations
<b>Section 1194.21 Software Applications and Operating Systems</b>	Supports with exceptions	CA Project and Portfolio Manager v14.3 is a web application. The product provides an "accessibility mode." This feature, which runs on Firefox 39, was tested against the criteria in both Sections 1194.21 and 1194.22.  This version incorporates 3 <sup>rd</sup> party TIBCO JasperSoft reporting software.  See details in Section 1194.21.
<b>Section 1194.22 Web-based internet information and applications</b>	Supports with exceptions	CA Project and Portfolio Manager v14.3 is a web application. The product provides an "accessibility mode." This feature, which runs on Firefox 39, was tested against the criteria in both Sections 1194.21 and 1194.22.  This version incorporates 3 <sup>rd</sup> party TIBCO JasperSoft reporting software.  See details in Section 1194.22.
<b>Section 1194.23 Telecommunications Products</b>	Not applicable	
<b>Section 1194.24 Video and Multimedia Products</b>	Not applicable	
<b>Section 1194.25 Self-Contained, Closed Products</b>	Not applicable	
<b>Section 1194.26 Desktop and Portable Computers</b>	Not applicable	
<b>Section 1194.31 Functional Performance Criteria</b>	Supports with exceptions	See details in Section 1194.31.
<b>Section 1194.41 Information, documentation, and support</b>	Supports with exceptions	See details in Section 1194.41.

### 3.1. 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	Most functions can be performed using the keyboard only.  However, the TIBCO reporting solution is not keyboard accessible.
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	The product supports the following OS accessibility features: <ul style="list-style-type: none"> <li>• StickyKeys</li> <li>• FilterKeys</li> <li>• ToggleKeys</li> <li>• MouseKeys</li> <li>• High Contrast</li> </ul>
(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	A well-defined on-screen indication for Assistive Technology to track the focus is provided.  Using browser defaults, the product displays an input carat inside a focused element, an outline around focused buttons and an outline around links.
(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.	Does not support	Sufficient information is provided about most user interface elements. The screen reader announces name, role, state, and value for most UI elements.  However, sufficient information is not provided about user interface elements on the TIBCO JasperSoft pages. The screen reader is unable to announce the name, role, state, and value for some UI elements.
(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 are used consistently.  For example, a red cross mark with "x" symbol is used to convey the "Not included" status information; this image is used consistently throughout the product.
(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 in the product is provided through the operating system. The minimum information listed in the criterion is made available.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports	The product inherits OS settings for color, contrast, and fonts. The contrast ratio is 4.5:1 or greater.
(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	The product does not use animation.  However, the product does allow users to link to or embed animation. This external content is beyond the control of the product and accessibility compliance for such content cannot be tested or guaranteed by CA.
(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 used to indicate status but is not the only means used. For example, an "x" in a red diamond and an exclamation mark in a red circle denote different status, which can be distinguished by the characters inside the diamond or the circle.  Charts portlets, Gantt charts, and PNG diagrams use color to denote differences in data and are currently not accessible. However, text-based alternatives to the chart portlets and PNG diagrams can be created and do not rely on color. Gantt charts have a text-only solution available.
(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 through equivalent facilitation	The product permits users to select UI color theme options but does not provide any means to adjust contrast.  However, the product inherits color and contrast settings from the operating system.
(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	The product does not use flashing or blinking objects.
(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	All forms can be completed and submitted by users of Assistive Technology.

3.2. 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).	Does not support	Text equivalents are provided for most non-text elements. However, the images in the TIBCO reporting solution do not have text equivalents.
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Not applicable	The application does not use multimedia presentations. However, the application does allow users to link to or embed multimedia presentations. This external content is beyond the control of the product and accessibility compliance of it cannot be tested or guaranteed by CA.
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Supports	Color coding is used to indicate status but is not the only means used. For example, an "x" in a red diamond and an exclamation mark in a red circle denote different status, which can be distinguished by the characters inside the diamond or the circle.  Charts portlets, Gantt charts, and PNG diagrams use color to denote differences in data and are currently not accessible. However, text-based alternatives to the chart portlets and PNG diagrams can be created and do not rely on color. Gantt charts have a text-only solution available.
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Supports	All information is readable without associated style sheets.
(e) Redundant text links shall be provided for each active region of a server-side image map.	Not applicable	Server-side image maps are not 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	Server-side image maps are not used.
(g) Row and column headers shall be identified for data tables.	Supports when combined with compatible AT	Row and column headers are properly 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.	Supports	Markup is properly used to associate data cells and header cells in multi-level data tables.
(i) Frames shall be titled with text that facilitates frame identification and navigation	Supports	The product uses iframes. iFrame titles are specified with the title attribute and can be identified by Assistive Technology.
(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	The product does not use flickering objects.
(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	The product does not require text-only pages for equivalent functionality.
(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	Information provided by scripts is not displayed when the associated scripts are disabled.  However, ATs are able to interpret scripts when scripts are enabled.
(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	The product requires no plug-ins, applets, or other applications.
(n) When electronic forms are designed to be completed online, 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	All forms can be completed and submitted by users of Assistive Technology.
(o) A method shall be provided that permits users to skip repetitive navigation links.	Supports	The product permits users to skip repetitive navigation links.  Properly coded HTML headers in hierarchical order are provided for screen reader users. Short-cut keys are provided for keyboard-only users.  Users are not notified that shortcut keys are available and what they are via direct links from the UI to a table of shortcut key definitions.
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Does not support	The product uses timed responses but does not allow users to indicate more time is needed.



### 3.3. SECTION 1194.23 TELECOMMUNICATIONS PRODUCTS - DETAIL

Criteria	Supporting Features	Remarks and explanations
(a) Telecommunications products or systems which provide a function allowing voice communication and which do not themselves provide a TTY functionality shall provide a standard non-acoustic connection point for TTYs. Microphones shall be capable of being turned on and off to allow the user to intermix speech with TTY use.	Not applicable	
(b) Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.	Not applicable	
(c) Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.	Not applicable	
(d) Voice mail, messaging, auto-attendant, and interactive voice response telecommunications systems that require a response from a user within a time interval, shall give an alert when the time interval is about to run out, and shall provide sufficient time for the user to indicate more time is required.	Not applicable	
(e) Where provided, caller identification and similar telecommunications functions shall also be available for users of TTYs, and for users who cannot see displays.	Not applicable	
(f) For transmitted voice signals, telecommunications products shall provide a gain adjustable up to a minimum of 20 dB. For incremental volume control, at least one intermediate step of 12 dB of gain shall be provided.	Not applicable	
(g) If the telecommunications product allows a user to adjust the receive volume, a function shall be provided to automatically reset the volume to the default level after every use.	Not applicable	
(h) Where a telecommunications product delivers output by an audio transducer which is normally held up to the ear, a means for effective magnetic wireless coupling to hearing technologies shall be provided.	Not applicable	
(i) Interference to hearing technologies (including hearing aids, cochlear implants, and assistive listening devices) shall be reduced to the lowest possible level that allows a user of hearing technologies to utilize the telecommunications product.	Not applicable	
(j) Products that transmit or conduct information or communication, shall pass through cross-manufacturer, non-proprietary, industry-standard codes, translation protocols, formats or other information necessary to provide the information or communication in a usable format. Technologies which use encoding, signal compression, format transformation, or similar techniques shall not remove information needed for access or shall restore it upon delivery.	Not applicable	
(k)(1) Products which have mechanically operated controls or keys shall comply with the following: Controls and Keys shall be tactilely discernible without activating the controls or keys.	Not applicable	
(k)(2) Products which have mechanically operated controls or keys shall comply with the following: Controls and Keys shall be operable with one hand and shall not require tight grasping, pinching, twisting of the wrist. The force required to activate controls and keys shall be 5 lbs. (22.2N) maximum.	Not applicable	
(k)(3) Products which have mechanically operated controls or keys shall comply with the following: If key repeat is supported, the delay before repeat shall be adjustable to at least 2 seconds. Key repeat rate shall be adjustable to 2 seconds per character.	Not applicable	
(k)(4) Products which have mechanically operated controls or keys shall comply with the following: The status of all locking or toggle controls or keys shall be visually discernible, and discernible either through touch or sound.	Not applicable	

### 3.4. SECTION 1194.24 VIDEO AND MULTIMEDIA PRODUCTS - DETAIL

Criteria	Supporting Features	Remarks and explanations
(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, regardless of format, that contain speech or other audio information necessary for the comprehension of the content, shall be open or closed captioned.	Not applicable	
(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	

### 3.5. SECTION 1194.25 SELF CONTAINED, CLOSED PRODUCTS - DETAIL

Criteria	Supporting Features	Remarks and explanations
(a) Self-contained products shall be usable by people with disabilities without requiring an end-user to attach assistive technology to the product. Personal headsets for private listening are not assistive technology.	Not applicable	
(b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required	Not applicable	
(c) Where a product utilizes touchscreens or contact-sensitive controls, an input method shall be provided that complies with §1194.23 (k) (1) through (4).	Not applicable	
(d) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided.	Not applicable	
(e) When products provide auditory output, the audio signal shall be provided at a standard signal level through an industry standard connector that will allow for private listening. The product must provide the ability to interrupt, pause, and restart the audio at anytime.	Not applicable	
(f) When products deliver voice output in a public area, incremental volume control shall be provided with output amplification up to a level of at least 65 dB. Where the ambient noise level of the environment is above 45 dB, a volume gain of at least 20 dB above the ambient level shall be user selectable. A function shall be provided to automatically reset the volume to the default level after every use.	Not applicable	
(g) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Not applicable	
(h) When a product permits a user to adjust color and contrast settings, a range of color selections capable of producing a variety of contrast levels shall be provided.	Not applicable	
(i) Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Not applicable	
(j) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following:  (1) The position of any operable control shall be determined with respect to a vertical plane, which is 48 inches in length, centered on the operable control, and at the maximum protrusion of the product within the 48 inch length (see <a href="#">Figure 1</a> of this part).  (2) Where any operable control is 10 inches or less behind the reference plane, the height shall be 54 inches maximum and 15 inches minimum above the floor.  (3) Where any operable control is more than 10 inches and not more than 24 inches behind the reference plane, the height shall be 46 inches maximum and 15 inches minimum above the floor.  (4) Operable controls shall not be more than 24 inches behind the reference plane (see <a href="#">Figure 2</a> of this part).	Not applicable	

### 3.6. SECTION 1194.26 DESKTOP AND PORTABLE COMPUTERS - DETAIL

Criteria	Supporting Features	Remarks and explanations
(a) All mechanically operated controls and keys shall comply with §1194.23 (k) (1) through (4).	Not applicable	
(b) If a product utilizes touch screens or touch-operated controls, an input method shall be provided that complies with §1194.23 (k) (1) through (4).	Not applicable	
(c) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided.	Not applicable	
(d) Where provided, at least one of each type of expansion slots, ports and connectors shall comply with publicly available industry standards	Not applicable	

### 3.7. SECTION 1194.31 FUNCTIONAL PERFORMANCE CRITERIA

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.	Supports with exceptions	The product generally supports the use of screen readers by blind and visually impaired users. However, there are exceptions as noted in Sections 1194.21 and 1194.22.
(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	The product supports the use of screen magnifiers by visually impaired users. However, there are exceptions for screen reader support.
(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	This application 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.	Not applicable	This application does not use audio information.
(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	This application 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	This product cannot fully be used in a mouseless, keyboard-only mode (see 1194.21(a)). The product supports OS motor control features (see 1194.21(b)).

### 3.8. 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 with exceptions	Product documentation is available in 508-compliant HTML; however, the navigational framework has some accessibility violations. For example, the search form fields in the documentation do not have properly associated labels and the screen reader cannot read the expand/collapse controls.
(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	Product documentation includes a description of the accessibility and compatibility features of products in 508-compliant HTML.  However, the navigational framework has some accessibility violations, as noted in 1194.41(a).
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports through equivalent facilitation	Support is available as follows:  - Online and email support for customers with hearing disabilities.  - Phone support for customers with visual disabilities.

### 4. RESULTS OF TESTING TO SECTION 508-REFRESH/WCAG 2.0 HARMONIZATION CRITERIA

Criteria	Supporting Features	Remarks and explanations
WCAG2.0: 1.3.1 Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. (Level A)	Supports	Headings, lists and paragraphs are marked up correctly throughout the application.
WCAG2.0: 2.4.2 Web pages have titles that describe the topic or purpose. (Level A)	Supports with exceptions	Title bars generally provide accurate descriptions of the current location.  For example, "CA Clarity PPM Requirement: Automatic Travel Agency - Properties - General" page title describes the page content.  However, the knowledge store page and some Clarity system administration pages do not have unique page titles.
WCAG2.0: 2.4.4 The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. (Level A)	Supports	The purpose of each link can be determined by link text alone.  For example, the Logout, Help and About links on the header convey link purpose.
WCAG 2.0: 2.4.5 More than one way is available to locate a Web page within a set of Web pages except where the Web page is a result of, or a step in, a process. (Level AA)	Supports	The application provides multiple ways to navigate to application functions.  For example, the application provides tabs, history, favorites, and ubermenu to link to different pages. In addition, users can use the Search function to navigate.
WCAG2.0: 2.4.6 Headings and labels describe topic or purpose. (Level AA)	Supports	The application provides headings and labels that identify content purpose.  For example, the heading "Create Content Package" on the create-content page clearly describes the purpose of the content. The "name" label on the screen describes the purpose of the field.
WCAG2.0: 3.1.1 The default human language of each document or Web page can be programmatically determined. (Level A)	Supports	The default language of the application is correctly identified.  The screen reader reads all text in the default language.
WCAG2.0: 3.1.2 The default human language of each passage or phrase can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text. (Level AA)	Not applicable	The application does not change languages.
WCAG2.0: 3.2.2 Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. (Level AA)	Supports	Repeated navigational mechanisms always appear in the same order each time they are repeated.  For example, the Home, Administration, and Favorites tabs are in the same order each time they appear.
WCAG2.0: 3.2.4 Components that have the same functionality within a set of Web pages are identified consistently. (Level AA)	Supports	Components are labeled consistently each time they appear in the application.  For example, the search button at the top of every page is always labeled "Search."
WCAG2.0: 4.1.1 In content implemented using markup language, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features. (Level A)	Supports	No validation errors were found for the application.