

**VeriCite  
Voluntary Product Accessibility Template  
July 2017**

**§ 1194.22 – Web-based Intranet and Internet Information and Applications  
§ 1194.31 – Functional Performance Criteria  
§1194.41 – Information, Documentation and Support**

## Overview

The information contained within this Voluntary Product Accessibility Template (VPAT) is the result of a third-party performing an audit using Dragon® NaturallySpeaking 14, JAWS 18, and ZoomText 11. The audit tested the compliance of VeriCite against the applicable requirements of Section 508 of the Rehabilitation Act of 1973 as Amended 1998<sup>1</sup>.

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 offerors will provide additional contact information to facilitate more detailed inquiries.

Core issues identified in this VPAT include an interactive menu that does not fully support keyboard navigation with the Up and Down Arrow keys, calendar date picker widgets which do not provide sufficient description to non-visual screen reader users while traversing the table horizontally, and special cases where input fields do not provide visual labels or instructions.

The first table of the report 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

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<sup>1</sup>

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features of the product about that paragraph. The third column contains any additional remarks and explanations regarding the product.

## Compliance Summary

Criteria	Supported
<a href="#">Section 1194.22 Web-based Intranet and Internet Information and Applications</a>	Supports with Exceptions
<a href="#">Section 1194.31 Functional Performance Criteria</a>	Supports with Exceptions
<a href="#">Section 1194.41 Information, Documentation, and Support</a>	Applicable – Not Tested

## Support Levels

Support Level	Description
<b>Supports</b>	The application fully meets the letter and intent of the Criteria.
<b>Supports with Exceptions/Minor Exceptions</b>	The application 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>	The application provides an alternate way to meet the intent of the Criteria.
<b>Supports when Combined with Compatible AT</b>	The application fully meets the letter and intent of the Criteria when used in combination with compatible ATs.
<b>Does Not Support</b>	The application does not meet the letter or intent of the Criteria.
<b>Not Applicable</b>	The Criteria does not apply.
<b>Not Applicable - Fundamental Alteration Exception Applies</b>	A Fundamental Alteration of the application is required to meet the Criteria.
<b>Applicable – Not Tested</b>	The Standard is applicable but was not tested.

## § 1194.22 Web-based Intranet and Internet Information and Applications

Criteria	Support Level	Remarks and Explanations
(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	<b>Supports</b>	<p>VeriCite provides textual equivalents for non-text elements including icon fonts, modal dialogs, and custom controls.</p> <p>While the icon fonts used to communicate a type of source are programmatically hidden from assistive technologies, text equivalence is provided in the explicit labels of the associated check box controls.</p> <p>Modal dialogs used throughout the web application now provide a <code>role="dialog"</code> accompanied with a descriptive <code>aria-label</code> attribute.</p>
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	<b>Not Applicable</b>	VeriCite does not contain multimedia presentations.
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	<b>Supports</b>	<p>VeriCite does not depend on color to convey information.</p> <p>Calendar date picker widgets use color to communicate a current selection, and the date is displayed in the input fields as a suitable alternative.</p> <p>Page selection tabs use both color and an underline text decoration to communicate the currently displayed page.</p>
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	<b>Supports</b>	<p>VeriCite is readable when style sheets are removed.</p> <p>Programmatic heading markup has been used properly throughout the web application.</p>
(e) Redundant text links shall be provided for each active region of a server-side image map.	<b>Not Applicable</b>	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.	<b>Not Applicable</b>	Client-side image maps are not used

Criteria	Support Level	Remarks and Explanations
(g) Row and column headers shall be identified for data tables.	<b>Supports</b>	All data tables correctly use table headers.  The Settings page previously used <div> elements to display a table of settings visually on screen. This has since been removed from the application, and replaced with a list of check box controls.
(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.	<b>Supports</b>	Where implemented as a table, VeriCite associates tables and their header cells appropriately.
(i) Frames shall be titled with text that facilitates frame identification and navigation	<b>Not Applicable</b>	VeriCite does not utilize iframes to present content.
(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	<b>Supports</b>	VeriCite does not utilize content that causes 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 the primary page changes.	<b>Not Applicable</b>	VeriCite does not require the use of text-only alternative pages.
(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.	<b>Supports with Exceptions</b>	VeriCite utilizes scripting to create and display content. Examples include:  Modal dialogs used throughout the web application now properly provide a <code>role="dialog"</code> accompanied with a descriptive <code>aria-label</code> attribute for non-visual screen reader users.  All interactive elements can receive focus from the keyboard.  The visual indication of keyboard focus is displayed on all interactive elements, including the main menu navigation.  A keyboard trap is currently no longer observed on the grade control while examining a document.  On the Assignments and Submissions pages, the View Details control will reveal new

Criteria	Support Level	Remarks and Explanations
		<p>content on the page below. Expanded and Collapsed state information is now provided for non-visual users.</p> <p>Alert messages are used to communicate success messages and error messages along the top of the page throughout the web application. The messages are automatically announced, keyboard focus is placed appropriately, and the messages no longer disappear after a short time for low vision users.</p> <p>A rating of Supports with Exceptions has been given for the following reasons:</p> <p>On the Assignments page, a menu is provided with embedded check box controls for users to adjust default settings. Support for the Up and Down Arrow keys is not provided, but users can traverse and interact with these elements by pressing the Tab key.</p> <p>Calendar date picker widgets provide keyboard support on some user agents, including Firefox and Chrome, but do not provide sufficient description to non-visual screen reader users if the calendar is traversed horizontally.</p>
<p>(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).</p>	<p><b>Not Applicable</b></p>	<p>VeriCite does not require an applet, plug-in or other application be present to interpret page content.</p>
<p>(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.</p>	<p><b>Supports with Minor Exceptions</b></p>	<p>Form fields in VeriCite allow assistive technology users to complete them. However, a rating of Supports with Minor Exceptions for the following reason:</p> <p>On the Assignments page, users can edit assignment and submission names. Input fields have properly associated labels for screen readers, but they are positioned off screen for screen reader users only. Low vision, color blind, and users with cognitive disabilities may also benefit from form field labels that can be visually observed.</p>

Criteria	Support Level	Remarks and Explanations
(o) A method shall be if permits users to skip repetitive navigation links.	<b>Supports</b>	VeriCite effectively provides a method for skipping repetitive links.
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	<b>Supports</b>	VeriCite allows for user control over timed responses.

*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.*

**§ 1194.31 Functional Performance Criteria**

Criteria	Support Level	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.	<b>Supports with Exceptions</b>	VeriCite supports operation by users who are blind or use with assistive technologies, such as screen readers. However, a rating of Supports with Exceptions has been given at this time. All the relevant issues have been discussed in the technical paragraphs of <a href="#">§1194.22</a> (l) partially accessible scripting.
(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.	<b>Supports with Minor Exceptions</b>	The VeriCite website supports the needs of users with low vision and color-blindness. However, a rating of Supports with Minor Exceptions has been given at this time. The relevant issues have been discussed in the table for <a href="#">§1194.22</a> (n) forms that lack visible labels.
(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.	<b>Supports</b>	VeriCite does not contain audio information.
(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.	<b>Supports</b>	VeriCite does not contain 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.	<b>Supports</b>	VeriCite 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.	<b>Supports with Exceptions</b>	Although the VeriCite website does not require fine motor control, its use poses potential difficulties for persons with mobility impairments, so rating of Supports with Exceptions has been given for the following reasons:  Most of the relevant issues have been discussed in the table for <a href="#">§1194.22</a> paragraph (l) menu does not support Up and Down Arrows for navigation.

Criteria	Support Level	Remarks and Explanations
		<p>The Assignment Submission dialog provides a CKEditor rich text input field. Documentation of the non-standard keyboard accessibility shortcuts for the toolbar buttons and help dialog is provided, but positioned off screen for screen reader users only. Sighted users who prefer to use the keyboard only will benefit from equivalent help text displayed visually, or in an accessible tool tip.</p>



**§ 1194.41 Information, Documentation and Support**

Criteria	Support Level	Remarks and Explanations
(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge	<b>Applicable – Not Tested</b>	
(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.	<b>Applicable – Not Tested</b>	
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	<b>Applicable – Not Tested</b>	