

# 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 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.

The following VPAT covers the Splunk Enterprise Software web-based graphical user interface (GUI) and command line interface (CLI). Requirements for Software Applications and Operating Systems, Web-based Internet information and Applications, Functional performance Criteria and Information, Documentation and Support are addressed. Splunk endeavors to create interfaces that are highly efficient and convey large amounts of data elegantly while maximizing usability and accessibility for all users. Upon request, and subject to execution of a non-disclosure agreement, Splunk can provide a separate Splunk Enterprise Software Accessibility Overview, which provides additional information regarding the compliancy of the interfaces as of the date of publication. For greatest usability and full accessibility, particularly with data analysis and visualization tools, Splunk recommends users of AT use the CLI.

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**Date:** March 15, 2014

**Name of Product:** Splunk Enterprise Software 6.0

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## Summary Table

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#### Voluntary Product Accessibility Template®

<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 VPAT
Section 1194.22 <a href="#">Web-based Internet Information and Applications</a>	Supports with exceptions	See VPAT
Section 1194.23 <a href="#">Telecommunications Products</a>	Not applicable	
Section 1194.24 <a href="#">Video and Multi-media Products</a>	Not applicable	
Section 1194.25 <a href="#">Self-Contained, Closed Products</a>	Not applicable	
Section 1194.26 <a href="#">Desktop and Portable Computers</a>	Not applicable	
Section 1194.31 <a href="#">Functional Performance Criteria</a>	Supports	See VPAT
Section 1194.41 <a href="#">Information, Documentation and Support</a>	Supports with exceptions	See VPAT

## **Section 1194.21 Software Applications and Operating Systems – Detail**

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<b>Criteria</b>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
<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 GUI interaction with exception and through equivalent facilitation</p>	<p>All product functions are accessed using the graphical user interface (GUI) in a web browser or using command line interface (CLI) via users' preferred terminal application.</p> <p>GUI</p> <ul style="list-style-type: none"> <li>• Most functions are available via keyboard browsing, using keyboard browsing commands defined by the browser.</li> <li>• Keyboard inaccessible functions details may be found in the Splunk Enterprise Software Accessibility Overview.</li> </ul> <p>CLI</p> <ul style="list-style-type: none"> <li>• All product functionality is available within the CLI</li> <li>• CLI is keyboard accessible by default, as all interaction is via keystrokes and terminal</li> </ul>
<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</p>	<p>Supports</p>	<p>Splunk Enterprise Software does not disrupt or disable any assistive technologies or accessibility features because it is used via web browser or CLI.</p>

<p>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>(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 through equivalent facilitation</p>	<p>In the GUI, current focus is implemented using web browser defaults, and is available to assistive technologies (AT) via the web browser. The CLI offers well-defined on-screen indication of focus via the cursor.</p> <p>GUI</p> <ul style="list-style-type: none"> <li>• Form fields and dialog boxes have on-screen indication of focus, as supported by the web browser.</li> <li>• No additional on-screen focus is implemented for links, buttons or other elements that do not have browser-implemented visual focus.</li> </ul> <p>CLI</p> <ul style="list-style-type: none"> <li>• On-screen focus is well defined as implemented by users' preferred terminal application.</li> </ul>
<p>(d) Sufficient information about a user interface</p>	<p>Supports</p>	<p>All interface elements are available to Assistive</p>

<p>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.</p>		<p>Technology.</p>
<p>(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.</p>	<p>Not applicable</p>	<p>Bitmap images are not used for this purpose.</p>
<p>(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.</p>	<p>Supports</p>	<p>All textual information is accessible either via the GUI or CLI, both of which make text available to AT.</p>
<p>(g) Applications shall not override user selected contrast and color selections and other individual display attributes.</p>	<p>Supports</p>	<p>Splunk Enterprise Software does not override user display settings.</p>
<p>(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.</p>	<p>Supports</p>	<p>Splunk Enterprise Software GUI uses "real-time" data display as data is processed. This functionality is not traditional animation, however it appears to the user as the progressive status of their data results during processing.</p>

		<p>GUI &amp; CLI</p> <ul style="list-style-type: none"> <li>• For greatest ease and usability, Splunk recommends the use of the CLI with real-time functionality disabled for users of AT (specifically screen readers.)</li> <li>• All of the data available via the GUI is available in a AT-friendly format via the CLI for “animated” real-time search results</li> </ul>
(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.	Not applicable	Color-coding is not used as the only means of conveying information. See section 1194.22(c).
(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	Splunk Enterprise Software does not provide 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	Form field accessibility is also addressed in comments on section 1194.22(j)
(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,	Supports	Form field accessibility is also addressed in comments on 1194.22(n)

including all directions  
and cues.

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

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<b>Criteria</b>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Supports	Current version includes appropriate markup for all non-text elements. Command line interface (CLI) has no non-text elements.
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Not applicable	Multimedia presentations are not offered as a core portion of the <a href="#">Splunk Enterprise SoftwareSplunk</a> product.
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Does not support	<p><a href="#">Splunk Enterprise SoftwareSplunk</a> uses color to convey information in it's many data visualizations, and the data behind those visualizations is always available in multiple formats. The <a href="#">Splunk Enterprise SoftwareSplunk</a> design and implementation process includes requirements such that color-coding is not used as the only means of conveying information. More detail can be found in the <a href="#">Splunk Enterprise SoftwareSplunk</a> Accessibility Overview.</p> <p>GUI</p> <ul style="list-style-type: none"> <li>• Data visualizations have underlying data</li> </ul>



		<p>available via mouse-over or output as a data table, such that information conveyed with color is available without color.</p> <ul style="list-style-type: none"> <li>• The CLI provides access to all analyzed data without the visualizations and color-coding used in the GUI.</li> </ul> <p>CLI</p> <ul style="list-style-type: none"> <li>• Use of color is limited to highlighting search text, which is also available via keyboard and terminal search functions.</li> </ul>
<p>(d) Documents shall be organized so they are readable without requiring an associated style sheet.</p>	<p>Does not support</p>	<p>Style sheets are currently an integral part of the display and organization of the information displayed. Disabling Style Sheets leads some information to be hard to read. Splunk is reviewing this issue and working towards compliance. More detail can be found in the <a href="#">Splunk Enterprise Software</a> <a href="#">Splunk Accessibility Overview</a>.</p> <p>GUI</p> <ul style="list-style-type: none"> <li>• <a href="#">Splunk Enterprise Software</a> is in most cases usable with associated style sheets turned off.</li> </ul> <p>CLI</p> <ul style="list-style-type: none"> <li>• Splunk recommends use of the CLI for users who want the optimal usability and user experience in place of using the GUI with style sheets turned off.</li> </ul>

(e) Redundant text links shall be provided for each active region of a server-side image map.	Not applicable	
(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	
(g) Row and column headers shall be identified for data tables.	Supports	<a href="#">Splunk Enterprise Software</a> identifies data using headers in HTML 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	<a href="#">Splunk Enterprise Software</a> does not offer complex tables implemented in HTML
(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.	Supports	<a href="#">Splunk Enterprise Software</a> does not use blinking or flashing in it's product. Real-time search, however, does cause the page to update within the acceptable range. Real-time search is easily disabled in the GUI or CLI.  GUI <ul style="list-style-type: none"> <li>Real-time search refreshes data visualizations at a rate of no greater than once per second (&lt;2Hz) and is user-configurable.</li> </ul> CLI

		<ul style="list-style-type: none"> <li>Real-time search refreshes data output at a rate of no greater than once per second (&lt;2Hz) and is user-configurable.</li> </ul>
(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.	Supports	A super-set of functionality provided in the <a href="#">Splunk Enterprise Software</a> GUI is available via the CLI, which is by definition, text-based. Splunk recommends use of the CLI via users' chosen terminal application for users who cannot see all or part of the screen, or who do not use a mouse for navigation. The CLI provides a streamlined, fully accessible and configurable text interface.
(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	
(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	<a href="#">Splunk Enterprise Software</a> provides a link to download to appropriate applications
(n) When electronic forms are designed to be completed on-line, the form shall allow people using Assistive Technology to access the information, field	Supports	<a href="#">Splunk Enterprise Software</a> has no electronic forms designed for on-line only completion. All data input form fields are also available as input for functions via the CLI.

elements, and functionality required for completion and submission of the form, including all directions and cues.		
(o) A method shall be provided that permits users to skip repetitive navigation links.	Supports	<a href="#">Splunk Enterprise Software</a> provides a hashtag link to skip repetitive navigation links
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not applicable	<a href="#">Splunk Enterprise Software</a> does not require 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.

## **Section 1194.31 Functional Performance**

### **Criteria – Detail**

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<b>Criteria</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	The CLI provides an entirely accessible mode of operation and information retrieval. By definition, the command line interface, as accessed by users' preferred terminal application, is all text based and accessible to screen readers.
(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	The CLI provides an entirely accessible mode of operation and information retrieval. By definition, the command line interface, as accessed by users' preferred terminal application, is all text based and accessible to screen readers.
(c) At least one mode of operation and information retrieval that does not require user hearing shall be provided, or support for	Not applicable	<a href="#">Splunk Enterprise Software</a> does not use audio output in the core product. As described in the <a href="#">Splunk Enterprise</a>

<p>Assistive Technology used by people who are deaf or hard of hearing shall be provided</p>		<p><a href="#">SoftwareSplunk</a> Accessibility Roadmap, captions for documentation videos or tutorials will be made available upon request.</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>Not applicable</p>	<p>Audio information is not essential to the use of <a href="#">Splunk Enterprise SoftwareSplunk</a>.</p>
<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.</p>	<p>Not applicable</p>	<p><a href="#">Splunk Enterprise SoftwareSplunk</a> does not require user speech input.</p>
<p>(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.</p>	<p>Supports</p>	<p>The <a href="#">Splunk Enterprise SoftwareSplunk</a> CLI does not require fine motor control or simultaneous actions. For commands requiring two keystrokes at once, sticky keys are usable in combination with the CLI.</p>

**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	<a href="#">Splunk Enterprise Software</a> Splunk product support documentation is available in a text-only format via the CLI. Upon request, Splunk will provide product support documentation in alternate formats. Product support via email or phone with the support team is available when included in product contract.
(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 Microsoft Word format or hardcopy upon request.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports with exceptions	Product support is available via phone or email as defined in product contract.

[Return to the top of the page.](#)