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.

Date: 1/31/2014
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Summary Table

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Criteria	Supporting	Remarks and

	Features	explanations
Section 1194.21 Software Applications and Operating Systems	**Pure Storage Purity GUI Interface**	Purity is the Pure Storage Operating System
Section 1194.22 Web-based Internet Information and Applications		
Section 1194.23 Telecommunications Products	Not Applicable	Not a telecommunications Product
Section 1194.24 Video and Multi-media Products	Not Applicable	Not a video and multi-media product
Section 1194.25 Self-Contained, Closed Products	Not Applicable	Not a self-contained Closed Product
Section 1194.26 Desktop and Portable Computers	Not Applicable	Not a Desktop or Portable Computer
Section 1194.31 Functional Performance Criteria	Supports	The Purity CLI is text based and keyboard operable.
Section 1194.41 Information, Documentation and Support	Supports	Product support documentation is provided to end users in alternate formats upon request by contacting Pure Storage support via email or phone

Section 1194.21 Software Applications and Operating Systems – Detail

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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	Icons to perform refresh and other functions, table sort functions, and context menus cannot be activated with keyboard. The command line interface is keyboard operable

The information contained within charts allows mouse users to get information on mouse hover. This information is not available to keyboard users |
| (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 | Application does 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. |
| (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 | The default focus indicator provided by the browser has been disabled. No focus indicator has been provided for keyboard users.

When a component receives focus, focus is not moved and it does not initiate a change of context. |
| (d) Sufficient information about a user interface element including the identity, operation and state of the element shall | | The command line interface is text based. The code does not |

be available to Assistive Technology. When an image represents a program element, the information conveyed by the image must also be available in text.

have incomplete start/end tags, elements are nested correctly and there are not any duplicated attributes. The IDs are unique.

The images in the application do not have text alternatives that serve the equivalent purpose.

(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.

Not applicable

All of the function icons are defined as background images without any text equivalent

Text can be resized to 200% using browser zoom functions

(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

The text within the application does not move, blind or scroll.

The server status and charts automatically update but this is essential to the application.

(g) Applications shall not override user selected contrast and color selections and other individual display attributes.

Supports

Color is not used in the Purity CLI. Text is white on a black background. The Application does not override user selected contrast

(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

Animation is not used

(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 alone is used as an indicator in the graphs and system status charts. Color alone is also used to indicate disabled state

Color coding is not used as the only means of conveying 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	Some text content such as the grey and blue text on the grey background, the red text on the white background, and the white text on the green background does not meet the minimum contrast requirements.
(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	There is no flashing content in the Purity CLI. There is no moving, blinking, scrolling or auto-updating text.
(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	The command line interface is text based

Section 1194.22 Web-based Internet information and applications – Detail

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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).	Not applicable	The images in the application do not have text

		alternatives that serve the equivalent purpose.
		All of the function icons are defined as background images without any text equivalent
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Not applicable	Multimedia is not used
(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 is not used in the Purity CLI. Text is white on a black background.
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Supports	Content is presented in a meaningful sequence. The reading order for screen readers matches the visual layout of the page.
(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 and client-side image maps are not used.
		Most headings are not defined as HTML headings. Tables are used for page layout.
(g) Row and column headers shall be identified for data tables.	Supports	The data tables have column headers defined but the data is in a separate table and no row headers are defined.
(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.		
(i) Frames shall be titled with text that	Not applicable	Frames are not

		used

facilitates frame identification and navigation

(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.

(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.

(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.

(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	Plugins are not used
(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	The command line interface is text based and sufficient information is provided about the text
(o) A method shall be provided that permits users 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	Timed responses are not required

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 1194.23 Telecommunications Products

– Detail

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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	Not a telecommunications product
(b) Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.	Not applicable	Not a Telecommunications product
(c) Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.	Not applicable	Not a telecommunications product
(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	Not a telecommunications product
(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	Not a telecommunications product
(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	Not a telecommunications product
(g) If the telecommunications product	Not applicable	Not a

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.		telecommunications product
(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	The Purity CLI does not have audio that automatically plays. Not a telecommunications product
(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	Not a telecommunications product
(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	Not a telecommunications product
(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	Not a telecommunications product
(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	Not a telecommunications product
(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	Not a telecommunications product
(k)(4) Products which have mechanically operated controls or keys shall comply with the following: The status of all locking	Not applicable	Not a telecommunications product

or toggle controls or keys shall be visually discernible, and discernible either through touch or sound.

Section 1194.24 Video and Multi-media Products – Detail

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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	Not a Video or Multi-media Product

Criteria	Supporting Features	Remarks and explanations
(b) Television tuners, including tuner cards for use in computers, shall be equipped with secondary audio program playback circuitry.	Not applicable	Not a Video or Multi-media Product. The Purity CLI does not have audio that automatically plays.
(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	Not a Video or Multi-media Product
(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	Not a Video or Multi-media Product
(e) Display or presentation of alternate text presentation or audio descriptions shall be user-selectable unless permanent.	Not applicable	Not a Video or Multi-media Product

Section 1194.25 Self-Contained, Closed Products – Detail

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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.	Not applicable	This product is not a self-contained, closed product.

Personal headsets for private listening are not Assistive Technology.

(b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not applicable	This product is not a self-contained, closed product.
(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	The Purity CLI does not have any touchscreen content.
(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	This product is not a self-contained, closed product.
(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.		The Purity CLI does not have audio that automatically plays.
(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	This product is not a self-contained, closed product.
(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.	Supports	Color is not used in the Purity CLI. Text is white on a black background.

(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.	Supports	Some text content such as the grey and blue text on the grey background, the red text on the white background, and the white text on the green background does not meet the minimum contrast requirements.
(i) Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.		
(j) (1) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: 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 on products which are freestanding, non-portable, and intended to be used in one location and which have operable controls.	Not applicable	This product is not a self-contained, closed product.
(j)(2) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: 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.	Non applicable	This product is not a self-contained, closed product.
(j)(3) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: 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	Not applicable	This product is not a self-contained, closed product.

and 15 inches minimum above the floor.

(j)(4) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Operable controls shall not be more than 24 inches behind the reference plane.	Not applicable	This product is not a self-contained, closed product.

Section 1194.26 Desktop and Portable Computers – Detail

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Criteria	Supporting Features	Remarks and explanations
(a) All mechanically operated controls and keys shall comply with §1194.23 (k) (1) through (4).	Not applicable	Not a desktop or portable computer
(b) If a product utilizes touchscreens or touch-operated controls, an input method shall be provided that complies with §1194.23 (k) (1) through (4).	Not applicable	Not a desktop or portable computer.
(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	Not a desktop or portable computer.
(d) Where provided, at least one of each type of expansion slots, ports and connectors shall comply with publicly		

available industry standards

Section 1194.31 Functional Performance

Criteria – Detail

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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	The Purity CLI is text based and keyboard operable.
(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.		
(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	The Purity CLI is text based and keyboard operable. User hearing is not required.
(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,	Supports	The Purity CLI is text based and keyboard operable. User hearing is not required.

or support for assistive hearing devices shall be provided.

(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

The Purity CLI does not have any non-text content. All content is presented in text. User speech is not required.

(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.

The Purity CLI does not is operated via keyboard

Section 1194.41 Information, Documentation and Support – Detail

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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	Product support documentation is provided to end users in alternate formats upon request by contacting Pure Storage support via email or phone. http://www.purestorage.com/support/ Contact Technical Support Via e-mail: support@purestorage.com Via phone: +1 (800) 379-7873 Support hours: 24/7

(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	Product support documentation is provided to end users in alternate formats upon request by contacting Pure Storage support via email or phone. http://www.purestorage.com/support/ Contact Technical Support Via e-mail: support@purestorage.com Via phone: +1 (800) 379-7873 Support hours: 24/7
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Partially supports	Product support documentation is provided to end users in alternate formats upon request by contacting Pure Storage support via email or phone. No TTY line. http://www.purestorage.com/support/ Contact Technical Support Via e-mail: support@purestorage.com Via phone: +1 (800) 379-7873 Support hours: 24/7

Return to the top of the page.