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PRESTO SECTION 508 ASSESSMENT FORM
VERSION 2.2
30 NOVEMBER 2005

This information is required by the PRESTO process prior to approval for announcement of a new product or new version of a product. It is a response to Section 508 of the Federal Rehabilitation Act (effective June, 2001), which mandates that government agencies ensure "comparable access" for people with disabilities when the agencies acquire information technology. An assessment against Section 508 requirements must be submitted on every pass through PRESTO for all products, excluding only: repricing, EOLs, Product Update Bulletins, and promotions.

1) Complete an assessment of your product. If you are unfamiliar with Section 508, this may take some time. For guidance, see:

<http://accessibility.eng>

http://solaris.eng/accessibility/508_friendly/index.html

and/or send e-mail to AccessProgramOffice@sun.com.

2) The assessment form follows later in this document. AFTER you complete the assessment, take one of the following two steps:

a) If NONE of your answers were "Supports with Exceptions" or "Does Not Support", send your completed assessment in email to Mark Shafton (mark.shafton@sun.com), with a copy to your group's representative to the Accessibility Coordinating Team. Mark's sign-off is required for PRESTO approval.

b) If ANY of your answers were "Supports with Exceptions" or "Does Not Support", you will need the approval of the Section 508 Exception Committee. Take these steps:

- Send your PRESTO assessment to Mark Shafton (mark.shafton@sun.com) and indicate in the body of your email that you will need an approved exception.
- Complete the exception request form at: accessibility.eng/site.topics/section508/ExceptionRequest-v1.2.txt and email it to 508Exception@sun.com.
- Include your representative to the Accessibility Coordinating Team on all email.

Depending on the extent of your product's 508 deficiencies, the review may take a week or more. Mark's sign-off for PRESTO approval requires this step if your product does not meet Section 508 standards.

Thank you in advance for your cooperation in this effort.

Mark Shafton
mark.shafton@sun.com
x44819

----- PLEASE USE THIS ASSESSMENT TEMPLATE -----

Section 508 Accessibility Standards Assessment for PRESTO Approval

NOTE: This form should be completed by a person knowledgeable about the architecture and implementation of the product. Please only use formal product names and version numbers, and please write out all acronyms.

GENERAL PRODUCT INFORMATION

Formal product name (no code names, please): [Sun Service Tags]
Version/release being assessed: [1.0]
Scheduled PRESTO announcement date: [n/a]
Name of person updating this information: [Joey Canlas]
Date of this submission: [12/18/2006]
Department or division: [SysNet]
Description of product:

[Sun Service Tags is a simple tagging scheme, and associated network application(s), designed to commonly identify Sun products and make available to network querying applications the stored common identifiers. The "service tag" identifiers are used to register Sun products back to Sun and by the customer to create and maintain an inventory of their Sun assets. Service tags are stored in a local file registry. The public interface to this registry is a CLI.]

1. If this version does not meet requirements, what is the planned release DATE for the NEXT RELEASE, which must meet the requirements? [
 - a. If this product is to be REPLACED by a product that meets requirements, name that product and its release date: [Note: "TBD" or "next release" are not acceptable answers; please specify the planned release DATE.
2. Does this product provide a user interface? [Yes]
 - a. If there is no UI, how is this product invoked and controlled? [
3. Does this product's user interface run in a browser? [No]
 - a. If so, what technologies are used (e.g., HTML, JavaScript, Java, etc.)? [
4. Does this product's user interface run outside of a browser? [Yes]

If so:

 - a. Must a window system be running before interaction with the user can occur? [No] If so, what window system is assumed to be present? [
 - b. Does the product provide a Graphical User Interface (GUI)?
 - o If so, which UI tool kit is used (e.g., Motif, Java/AWT, Java/Swing, etc.)? [No]
 - c. Does the product provide a command-line interface (CLI)? [Yes]
 - o If so, does the CLI provide access to *all* of the

product's functionality? [Yes]
Is the CLI fully documented? [Yes]

5. Briefly describe the intended user of the product (e.g., system administrator, HW service personnel, software developer, end-user, etc.):

[The intended user of the product is internal Sun product developers who will invoke the Service Tag CLI to add or remove their product's service tag from the Service Tag Registry.]

6. Please refer explicitly to Sun's Policy on Section 508 and Product Documentation at

<http://accessibility.eng/site.topics/sun-policy.html#bigdoc>

a. In what format(s) is the product's documentation delivered?

[Unix man pages and developer guide]

b. If the documentation is exclusively in HTML and/or PDF, are the requirements at 1194.22 met? []

NOTE: Do not fill in 1194.22 in the assessment for documentation.

Definition OF Terms

Supports: |The product possesses the properties |
|or is capable of performing the functions |
|described in the criterion. |

Supports with |Provides some level of capability |
Exceptions: |relative to the criterion. All exceptions |
|must be explained in DETAIL within the |
|Comments section. |

Supports Through |Alternate method of meeting the criterion |
Equivalent |(e.g. fully functional equivalent available) |
Facilitation |through a Command Line Interface). Include|
|methods of equivalent facilitation in the |
|Comments section. |

Supports When Combined |The product possesses the properties or is |
with Compatible AT |capable of performing the functions |
|described in the criterion when used in |
|combination with compatible assistive |
|technology (AT). |

Does Not Support |The product does not possess the properties|
|or is not capable of performing the |
|functions described in the criterion. |

Not Applicable |The criterion doesn't apply to the product.|

Fundamental Alteration |The standard is not applicable since a |
Required |fundamental alteration of the product would|
|be required to meet the criterion (e.g. a |
|PDA or cell phone emulator cannot be made |
|to be more accessible than the platform it |
|is emulating) |

SECTION 508 REQUIREMENTS

All questions must be answered; some answers may be "Not Applicable."
Please use the "Exceptions and Comments" sections extensively. Explain ALL exceptions, equivalent facilitation methods, reasoning for claiming "Fundamental Alteration," and/or any additional qualifications.

See

http://solaris.eng/accessibility/508_friendly
for additional guidance on the requirements. Also see
<http://sungov.ebay/508>
for examples of information currently provided to customers.

*****Section 508 Assessment*****

1194.21 Software applications and operating systems.

(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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support

- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(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.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

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

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(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

- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

1194.22 Web-based intranet and Internet information and applications.

(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(d) Documents shall be organized so they are readable without requiring an associated style sheet.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable

Fundamental Alteration Required

Exceptions and Comments:

(e) Redundant text links shall be provided for each active region of a server-side image map.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments:

(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.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments:

(g) Row and column headers shall be identified for data tables.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments:

(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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments:

(i) Frames shall be titled with text that facilitates frame identification and navigation.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation

- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

- (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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

- (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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

- (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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

- (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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable

Fundamental Alteration Required

Exceptions and Comments:

(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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments:

(o) A method shall be provided that permits users to skip repetitive navigation links.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments:

(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments:

1194.23 Telecommunications products.

(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.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

- (b) Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.

Supports
 Supports With Exceptions
 Supports Through Equivalent Facilitation
 Supports When Combined With Compatible AT
 Does Not Support
 Not Applicable
 Fundamental Alteration Required

Exceptions and Comments: []

- (c) Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.

Supports
 Supports With Exceptions
 Supports Through Equivalent Facilitation
 Supports When Combined With Compatible AT
 Does Not Support
 Not Applicable
 Fundamental Alteration Required

Exceptions and Comments: []

- (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.

Supports
 Supports With Exceptions
 Supports Through Equivalent Facilitation
 Supports When Combined With Compatible AT
 Does Not Support
 Not Applicable
 Fundamental Alteration Required

Exceptions and Comments: []

- (e) Where provided, caller identification and similar telecommunications functions shall also be available for users of TTYs, and for users who cannot see displays.

Supports
 Supports With Exceptions
 Supports Through Equivalent Facilitation
 Supports When Combined With Compatible AT
 Does Not Support
 Not Applicable
 Fundamental Alteration Required

Exceptions and Comments: []

- (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.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(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.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(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.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(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.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(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.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(k) Products which have mechanically operated controls or keys, shall comply with the following:

(1) Controls and keys shall be tactilely discernible without activating the controls or keys.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(2) Controls and keys shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate controls and keys shall be 5 lbs. (22.2 N) maximum.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(3) 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.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(4) The status of all locking or toggle controls or keys shall be visually discernible, and discernible either through touch or sound.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

1194.24 Video and multimedia products.

(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.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(b) Television tuners, including tuner cards for use in computers, shall be equipped with secondary audio program playback circuitry.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(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.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT

- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(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.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(e) Display or presentation of alternate text presentation or audio descriptions shall be user-selectable unless permanent.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

1194.25 Self contained, closed products.

(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.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable

Fundamental Alteration Required

Exceptions and Comments:

(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).

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments:

(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.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments:

(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.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments:

(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.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support

Not Applicable
 Fundamental Alteration Required

Exceptions and Comments: []

(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
 Supports With Exceptions
 Supports Through Equivalent Facilitation
 Supports When Combined With Compatible AT
 Does Not Support
 Not Applicable
 Fundamental Alteration Required

Exceptions and Comments: []

(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
 Supports With Exceptions
 Supports Through Equivalent Facilitation
 Supports When Combined With Compatible AT
 Does Not Support
 Not Applicable
 Fundamental Alteration Required

Exceptions and Comments: []

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

Supports
 Supports With Exceptions
 Supports Through Equivalent Facilitation
 Supports When Combined With Compatible AT
 Does Not Support
 Not Applicable
 Fundamental Alteration Required

Exceptions and Comments: []

(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 Figure 1 of this part).

Supports
 Supports With Exceptions
 Supports Through Equivalent Facilitation
 Supports When Combined With Compatible AT
 Does Not Support
 Not Applicable

Fundamental Alteration Required

Exceptions and Comments:

(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.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments:

(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.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments:

(4) Operable controls shall not be more than 24 inches behind the reference plane (see Figure 2 of this part).

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments:

1194.26 Desktop and portable computers.

(a) All mechanically operated controls and keys shall comply with 1194.23 (k) (1) through (4).

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments:

(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).

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(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.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(d) Where provided, at least one of each type of expansion slots, ports and connectors shall comply with publicly available industry standards.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

1194.31 Functional performance criteria.

(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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: [The CLI can be executed in script mode.]

(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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: [The CLI can be executed in script mode.]

(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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(d) Where audio information is important for the use of a product, at least one mode of operation and information retrieval shall be provided in an enhanced auditory fashion, or support for assistive hearing devices shall be provided.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

(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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []

1194.41 Information, documentation, and support.

(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: [Service Tag CLI is intended for internal Sun product developers only.]

(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
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: [Service Tag CLI is intended for internal Sun product developers only.]

(c) Support services for products shall accommodate the communication needs of end-users with disabilities.

- Supports
- Supports With Exceptions
- Supports Through Equivalent Facilitation
- Supports When Combined With Compatible AT
- Does Not Support
- Not Applicable
- Fundamental Alteration Required

Exceptions and Comments: []