

Date: October 8, 2014

Name of Product: FLEX System Manager 1.2.0

VPAT Summary

Criteria	Status	Remarks and Explanations
Section 1194.21 Software Applications and Operating Systems	Supports	Refer to Section 1194.21 in VPAT Details section below.
Section 1194.22 Web-based Internet information & applications	Supports with exceptions	Refer to Section 1194.22 in VPAT Details section below.
Section 1194.23 Telecommunications Products	Not applicable	Not applicable
Section 1194.24 Video and Multi-media Products	Not applicable	Not applicable
Section 1194.25 Self-Contained, Closed Products	Not applicable	Not applicable
Section 1194.26 Desktop and Portable Computers	Not applicable	Not applicable
Section 1194.31 Functional Performance Criteria	Supports with exceptions	Refer to Section 1194.31 in VPAT Details section below.
Section 1194.41 Information, Documentation, and Support	Supports	Refer to Section 1194.41 in VPAT Details section below.

VPAT Details

Section 1194.21 Software Applications and Operating Systems - Detail

Criteria	Supporting Features	Remarks and Explanations
(a) When software is designed to run on a system that has a keyboard, product functions shall be executable from a keyboard where the function itself or the result of performing a function can be discerned textually.	Supports: A keyboard can be used to achieve all tasks in the application, allowing blind and mobility-impaired users to access information without the use of the mouse.	The following component meets this criterion: - Flex System Manager 1.2.0: - Flex System Manager - Provides a command line interface which is only operable with a keyboard.
(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: Operating systems provide accessibility features that allow disabled users to customize their preferences. This application preserves those accessibility user preference settings. For example, if Sticky Keys option is selected by a mobility-impaired user, this option will continue to be activated when used with this application.	The following component meets this criterion: - Flex System Manager: - Flex System Manager - Does not interfere with keyboard accessibility features provided by the operating system.
(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: When using the application with a keyboard, users can tell where they are on the screen and the information is available to assistive technologies to communicate screen location to visually impaired users.	The following component meets this criterion: - Flex System Manager: - Flex System Manager - Elements have focus and are read by the screen reader.
(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: This software application allows a screen reader to describe the user interface environment and controls to a blind user. For example, if you tab through a form and find a radio button, the user would be able to determine it is a radio button and the current selection status of the button.	The following component meets this criterion: - Flex System Manager: - Flex System Manager - The command line interface has no user interface objects. Controls, objects, and icons with labels have associated accessible information.
(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: The meaning assigned to images used in the application is consistent and unique, minimizing confusion of the context of use for those images.	The following component meets this criterion: - Flex System Manager: - Flex System Manager - Controls, objects, and icons with labels have associated accessible information.
(f) Textual information shall be provided through	Supports:	The following component meets this criterion:

Criteria	Supporting Features	Remarks and Explanations
operating system functions for displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes.	Text information is accessible so assistive technologies can communicate content, attributes and caret location to blind users.	- Flex System Manager: - Flex System Manager - Uses standard API for assistive technology.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports: System settings are inherited by the application so that customized preferences will not need to be continually reset. For example, color contrast settings enhanced for a low vision user would be preserved by the application.	The following component meets this criterion: - Flex System Manager: - Flex System Manager - High contrast settings are supported, as controlled by the operating system with the following exception: Not enough high contrast colors. When the high contrast is set, the color of the unavailable options stay in a dark gray hue. This makes it very difficult to distinguish the text from the background. Settings for size, font and color are supported through the client's operating system and web browser settings.
(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: Application provides an option to display animation in a non-animated mode, allowing users with vision impairments equal access to the same information and reliable interaction with assistive technology.	The following component meets this criterion: - Flex System Manager: - Flex System Manager - A text status message accompanies the animation that conveys the status of an operation (in progress or complete) in the GUIs.
(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 is used only as an enhancement, and an alternate means to convey information or indicate an action is available to users with visual impairments.	The following component meets this criterion: - Flex System Manager: - Flex System Manager - Color is not exclusively used to identify or distinguish information.
(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	The following component does not apply to this criterion: - Flex System Manager: - Flex System Manager - Color Customization is not supported by Java Miniconsole.
(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: The use of blinking text, objects or elements has been avoided, reducing risk of seizures for users with photosensitive epilepsy.	The following component meets this criterion: - Flex System Manager: - Flex System Manager - There is no blinking text, objects, or other elements.
(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.	Not applicable	The following component does not apply to this criterion: - Flex System Manager: - Flex System Manager - The command line interface has no forms.

Section 1194.22 Web-based Internet information and applications - Detail

Criteria	Supporting Features	Remarks and Explanations
(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Does not support	The following component does not meet this criterion: - Flex System Manager: - Flexible Systems Manager - Images have text alternatives, mainly by using "alt" attributes. No applets, plug-ins, audio, or video are included.
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Not applicable	The following component does not apply to this criterion: - Flex System Manager: - Flexible Systems Manager - No multimedia content is 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.	Does not support	The following component does not meet this criterion: - Flex System Manager: - Flexible Systems Manager - Color is used as the only way of conveying information on a limited number of pages.

Criteria	Supporting Features	Remarks and Explanations
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Supports: Web page content is readable without the use of a pre-defined style sheet, allowing low vision users to enable their own style sheets that enhance their viewing preferences.	The following component meets this criterion: - Flex System Manager: - Flexible Systems Manager - This application relies on CSS in order to render properly and be usable. However, the application provides equivalent facilitation for low-vision users by utilizing the users' system display settings, including high contrast mode. Users may also control the font sizes using the browser settings.
(e) Redundant text links shall be provided for each active region of a server-side image map.	Not applicable	The following component does not apply to this criterion: - Flex System Manager: - Flexible Systems Manager - Does not use image maps.
(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	The following component does not apply to this criterion: - Flex System Manager: - Flexible Systems Manager - Does not use image maps.
(g) Row and column headers shall be identified for data tables.	Does not support	The following component does not meet this criterion: - Flex System Manager: - Flexible Systems Manager - Table markup is not correctly used to present tabular information and can be programmatically determined. A screen reader can read the data in an understandable way, but the data is laid out in rows and the tools order the information in columns.
(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.	Does not support	The following component does not meet this criterion: - Flex System Manager: - Flexible Systems Manager - Table markup is not correctly used to present tabular information and can be programmatically determined. A screen reader can read the data in an understandable way, but the data is laid out in rows and the tools order the information in columns.
(i) Frames shall be titled with text that facilitates frame identification and navigation.	Supports: Meaningful text titles are used to describe the purpose of frames so blind users can easily navigate to the desired area.	The following component meets this criterion: - Flex System Manager: - Flexible Systems Manager - Frames are labeled and are accessible for users.
(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Not applicable	The following component does not apply to this criterion: - Flex System Manager: - Flexible Systems Manager - No such content.
(k) A text-only page, with equivalent information or functionality, shall be provided to make a web site comply with the provisions of this part, when compliance cannot be accomplished in any other way. The content of the text-only page shall be updated whenever the primary page changes.	Not applicable	The following component does not apply to this criterion: - Flex System Manager: - Flexible Systems Manager - There is no text-only panel needed.
(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.	Not applicable	The following component does not apply to this criterion: - Flex System Manager: - Flexible Systems Manager - No script is used.
(m) When a web page requires that an applet, plug-in or other application be present on the client system to interpret page content, the page must provide a link to a plug-in or applet that complies with §1194.21(a) through (l).	Not applicable	The following component does not apply to this criterion: - Flex System Manager: - Flexible Systems Manager - No applet is 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	Does not support	The following component does not meet this criterion: - Flex System Manager:

Criteria	Supporting Features	Remarks and Explanations
and submission of the form, including all directions and cues.		- Flexible Systems Manager - WAI-ARIA "aria-required" property is required for required fields on a form, but WAI-ARIA is not implemented in IBM Flexible Systems Manager.
(o) A method shall be provided that permits users to skip repetitive navigation links.	Does not support	The following component does not meet this criterion: - Flex System Manager: - Flexible Systems Manager - WAI-ARIA landmarks are required to meet skip links technique in this criterion, but WAI-ARIA is not implemented in IBM Flexible Systems Manager.
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Supports: When a timed response is required, an option to request more time to complete the action is provided to the user.	The following component meets this criterion: - Flex System Manager: - Flexible Systems Manager - In the file usmi_settings.properties under <installed path>/ibm/director/lwi/conf/overrides/The value of the parameter "com.ibm.pvc.webcontainer.http.sessionGlobalTimeout" means the default inactivity timeout value, which is modified by users.

Section 1194.31 Functional Performance - Detail

Criteria	Supporting Features	Remarks and Explanations
(a) At least one mode of operation and information retrieval that does not require user vision shall be provided, or support for Assistive Technology used by people who are blind or visually impaired shall be provided.	Supports with exception: See the following for supporting features: - 1194.21 a, b, c, d, e, f, h, i, l - 1194.22 all	The following component meets this criterion: - Flex System Manager: - Flexible Systems Manager The following component meets this criterion with exceptions: - Flex System Manager: - Flexible Systems Manager
(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 what are visually impaired shall be provided.	Supports with exception: See the following for supporting features: - 1194.21 c, g, i, j, l - 1194.22 n	The following component meets this criterion: - Flex System Manager: - Flexible Systems Manager The following component does not meet this criterion: - Flex System Manager: - Flexible Systems Manager
(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.	Not applicable	The following components do not apply to this criterion: - Flex System Manager: - Flexible Systems Manager
(d) Where audio information is important for the use of the product, at least one mode of operation and information retrieval shall be provided in an enhanced auditory fashion, or support for assistive hearing devices shall be provided.	Not applicable	The following components do not apply to this criterion: - Flex System Manager: - Flexible Systems Manager
(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.	Not applicable	This is not a speech product.
(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: See the following for supporting features: - 1194.21 a, b - 1194.22 l, p	The following components meet this criterion: - Flex System Manager: - Flexible Systems Manager

Section 1194.41 Information, Documentation, and Support - Detail

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 in at least one accessible format.	The following component meets this criterion: - Flex System Manager: - Installation and Service Guide - The hardware documentation is in PDF format using a standard template. Minimal or no accessibility testing has been done. If you require an accessible version of the documentation it will be provided to you at no additional cost upon request. If you need an accessible version, send a request to: halic@us.ibm.com , dottieg@us.ibm.com . In the request make sure that you include the publication number and title. Alternative text is not provided for all images, but all images are introduced and described in the surrounding text. Headings, sections, lists are used. Bookmarks are provided. The only color in the documentation is related to cautions and warnings, in which case the anchor words always accompany the caution or warning icons. The documentation is in PDF format using a standard template. Tables use column and row headings to define relationships between cells. Bookmarks are provided. The default language of the reader is used. Forms are not used in the document. No flashing images are used.
(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: Documentation includes a description of accessibility and compatibility features that make it easier for people with disabilities to use the product. Those descriptions are available in alternate formats upon request.	The following component meets this criterion: - Flex System Manager: - Installation and Service Guide - The documentation includes a section on the accessibility features of the product.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports: In addition to standard IBM help desk and support Web sites, IBM has established a TTY telephone service for use by deaf or hard of hearing customers to access sales and support services.	

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