

Section 1194.21:
**Software Applications
 and Operating Systems**
 Detailed Voluntary Product Accessibility Template

Product: Flex Terminal Emulator
 Date: July 1, 2020
 Description: Terminal Emulator

Criteria a:

Criteria	When software is designed to run on a system that has a keyboard, product functions shall be executable from the keyboard where the function itself or the result of performing a function can be discerned textually.
Supporting Features	All Flex Terminal Emulator functions may be operated or set by using the keyboard keys.
Remarks & Explanations	The Flex Terminal Emulator ribbon interface, which is used to configure settings and options, provides the ability to activate “hotkeys” using the Alt key on the keyboard. This allows the user to configure settings with the keyboard.

Criteria b:

Criteria	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 the 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.
Supporting Features	Flex Terminal Emulator inherits the Microsoft Windows operating system’s 508 compliance to provide accessibility for the disabled.
Remarks & Explanations	Flex Terminal Emulator has been modified to be 508 compliant.

Criteria c:

Criteria	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.
Supporting Features	Flex Terminal Emulator offers several features that indicate the current focus of the screen.
Remarks & Explanations	Cursor focus can be indicated by different cursor sizes, blinking cursor, and/or by displaying the horizontal/vertical/cross ruler of the cursor's position on the screen. All dialogs displayed to the user will automatically have the focus. Focus is exposed through Windows API calls.

Criteria d:

Criteria	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.
Supporting Features	All user interface elements are by default identified with text. Secondly, it may use a bitmap.
Remarks & Explanations	Flex Terminal Emulator has no known compatibility issues with commonly used assistive technology.

Criteria e:

Criteria	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.
Supporting Features	All textual and graphical indicators are consistent throughout the Flex Terminal Emulator terminal emulation product.

Criteria f:

Criteria	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.
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Supporting Features	Flex Terminal Emulator provides text, text input caret location, and text attributes.
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Criteria g:

Criteria	Applications shall not override user selected contract color selections and other individual display attributes.
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Supporting Features	All Flex Terminal Emulator color schemes are user-definable, but do not override the accessibility features of the operating system. Flex Terminal Emulator supports the accessibility features of Windows and conforms to the color and contrast specified.
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Criteria h:

Criteria	When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.
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Supporting Features	Flex Terminal Emulator in no way utilizes animation.
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Criteria i:

Criteria	Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.
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Supporting Features	Flex Terminal Emulator does not rely solely on the use of color coding. The predominant indicators are cursor location, screen, text, and window focus.
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Criteria j:

Criteria	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.
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Supporting Features	Flex Terminal Emulator allows the user to choose custom foreground and background colors from an extensive palette to fit their contrast level requirements.
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Criteria k:

Criteria	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.
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Supporting Features	Electronic forms are not in use anywhere in the Flex Terminal Emulator application.
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