Rocket | BlueZone ®

508 Compliance

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

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 BlueZone functions may be operated or set by using the keyboard keys.
remarks & explanations	❖ Many of the session settings for BlueZone are supported by checkboxes and radio buttons, which are found in dialogs and may be set by using 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	❖ BlueZone runs on the Windows platform and inherits Windows 508 compliance to support use by the disabled.
remarks & explanations	❖ BlueZone has been modified to be completely 508 compliant.

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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	❖ BlueZone offers a number of features that indicate the current focus of the screen.
remarks & explanations	❖ Field focus can be indicated by a user-defined cursor size, varying blink rate of the cursor, and by displaying the crosshairs of the cursor's placement on the screen. Any supporting dialog the user receives will change and be brought to the "front" to indicate its 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. Secondarily, it may use a bitmap.
remarks & explanations	❖ BlueZone is completely compatible with 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 BlueZone emulator.

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.
supporting features	❖ BlueZone provides text, text input caret location, and text attributes.

criteria g:

criteria	❖ Applications shall not override user selected contract color selections and other individual display attributes.
supporting features	❖ All BlueZone color schemes are user-definable but do not override the accessibility features of the operating system. BlueZone supports the accessibility features of Windows and conforms to the color and contrast specified.

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.
supporting features	❖ As a text-based emulator, BlueZone does not utilize animation.

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.
supporting features	❖ BlueZone does not rely solely on the use of color coding. The predominant indicators are cursor location, screen, text, and window focus.

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.
supporting features	❖ BlueZone provides a wide array of color choices, but does not override the color and contrast settings of the operating system.

criteria k:

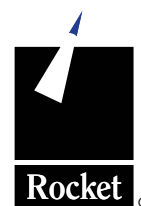|	
criteria	❖ Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2 Hz and lower than 55 Hz.
supporting features	❖ BlueZone offers a user-definable blink rate for the carat. The entire adjustable range is below 2 Hz.

criteria l:

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.
supporting features	❖ BlueZone does not utilize electronic forms.

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