

Product Accessibility Report

Name of Products: InterWrite MeetingBoard, InterWrite SchoolBoard, InterWrite MeetingPad, InterWrite SchoolPad
InterWrite iPanel

5-Aug-04

Criteria	Section 508 Reference	Yes	No	N/A	Remarks (e.g., definition, equivalent facilitation, scope of support provided)
Software Applications and Operating Systems					
When software is designed to run on a system that has a keyboard, product functions are executable from a textually discernable keyboard.	1194.21(a)			N/A	InterWrite Software is an annotation software program that provides users with a capability to generate annotations using the pen based hardware provided as part of the system. As such, the primary functionality requires the use of an interactive pen. Some basic file based functions have alternate keyboard input options.
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.	1194.21(b)	Support			Use of the InterWrite pen based products, SchoolBoard, SchoolPad, MeetingBoard, MeetingPad and iPanel actually enhance accessibility features of other products on the end-user's system by providing an alternate input means. InterWrite's main toolbar interface can be sized to a larger displayed size to assist visually impaired individuals. InterWrite also supports any screen resolution and has a built in magnifier for improved accessibility.
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.	1194.21(c)	Support			The InterWrite software menus provide specific and easily identifiable elements using graphically oriented icons to reduce the requirement for text. Tooltips provide users with an easily identifiable indication of menu functions as the cursor is brought in proximity.
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.	1194.21(d)	Support			The InterWrite software and toolbar provides graphic and textual contexts.
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.	1194.21(e)	Support			Meanings and identity of the graphic symbols in InterWrite are easy to understand and consistent throughout the InterWrite software.
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.	1194.21(f)	Limited Support			Assistive Technology may not be able to identify controls and functions in some views.
Applications shall not override user selected contrast and color selections and other individual display attributes.	1194.21(g)	Support			
When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	1194.21(h)	Support			No animation displays are used.
Color-coding shall not be used as the only means of conveying information, indicating an action, promoting a response, or distinguishing a visual element.	1194.21(i)	Support			Color coding is not the sole means of conveying information and is supplemented with visual cues. Color options can be set by users as part of the functionality provided by InterWrite, however color is not used to convey any information regarding the status of the software itself.
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.	1194.21(j)	Support			InterWrite provides an almost unlimited color palette, depending on the display settings of the system.
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.	1194.21(k)	Support			There is no use of flashing or blinking text or other elements.

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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.	1194.21(l)			N/A	
Web-based intranet and internet information and application					
A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	1194.22(a)			N/A	
Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	1194.22(b)			N/A	
Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	1194.22(c)			N/A	
Documents shall be organized so they are readable without requiring an associated style sheet.	1194.22(d)			N/A	
Redundant text links shall be provided for each active region of a server-side image map.	1194.22(e)			N/A	
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.	1194.22(f)			N/A	
Row and column headers shall be identified for data tables.	1194.22(g)			N/A	
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.	1194.22(h)			N/A	
Frames shall be titled with text that facilitates frame identification and navigation	1194.22(i)			N/A	
Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	1194.22(j)			N/A	
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.	1194.22(k)			N/A	
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.	1194.22(l)			N/A	
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).	1194.22(m)			N/A	
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.	1194.22(n)			N/A	
A method shall be provided that permits users to skip repetitive navigation links.	1194.22(o)			N/A	
When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	1194.22(p)			N/A	
Telecommunication Products					

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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.	1194.23(a)			N/A	
Telecommunications products that include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.	1194.23(b)			N/A	
Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.	1194.23(c)			N/A	
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.	1194.23(d)			N/A	
Where provided, caller identification and similar telecommunications functions shall also be available for users of TTYs, and for users who cannot see displays.	1194.23(e)			N/A	
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.	1194.23(f)			N/A	
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.	1194.23(g)			N/A	
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.	1194.23(h)			N/A	
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.	1194.23(i)			N/A	
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.	1194.23(j)			N/A	
Products that have mechanically operated controls or keys shall comply with the following: Controls and Keys shall be tactilely discernible without activating the controls or keys.	1194.23(k)(1)			N/A	
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.	1194.23(k)(2)			N/A	

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Products that 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.	1194.23(k)(3)			N/A	
Products which have mechanically operated controls or keys shall comply with the following: The status of all locking or toggle controls or keys shall be visually discernible, and discernible either through touch or sound.	1194.23(k)(4)			N/A	
Video and Multimedia Products					
TV displays are equipped with a caption decoder	1194.24(a)			N/A	
TV tuners are equipped with secondary audio playback	1194.24(b)			N/A	
Multimedia production containing speech is open or closed captioned	1194.24(c)			N/A	
Multimedia productions containing visual information is also audio described	1194.24(d)			N/A	
Display of alternative text or audio description is user selectable	1994.24(e)			N/A	
Self-Contained, Closed Products					
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.	1194.25(a)	Support			Assistive Technology is not required to attach to this product. Users with visual disability may install AT in the host PC. The InterWrite product family itself provides an alternative input capability for persons with disabilities.
When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	1194.25(b)			N/A	No timed responses are incorporated into products
Where a product utilizes touch screens or contact-sensitive controls, an input method shall be provided that complies with §1194.23 (k)(1) through (4).	1194.25(c)	Support			The InterWrite product family does not utilize mechanical controls, except for on/off functionality.
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.	1194.25(d)			N/A	No biometric forms of identification are incorporated.
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 any time.	1194.25(e)	Support			No auditory output is provided with the products, just simple beeps. Auditory support is provided at the PC itself. With the recording feature built into InterWrite, the PC's microphone and speakers are utilized. Playback is via the Microsoft Media Player (or other player as specified by the user) As such, any Assistive Technology available at the PC can be utilized to enhance accessibility.
(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.	1194.25(f)			N/A	There is no voice output programmed into the products.
(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.	1194.25(g)	Support			Color coding is not the sole means of conveying information and is supplemented with visual cues. Color options can be set by users as part of the functionality provided by InterWrite, however color is not used to convey any information regarding the status of the software itself.
(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.	1194.25(h)	Support			InterWrite provides an almost unlimited color palette, depending on the display settings of the system.

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(i) Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	1194.25(i)	Support			Products do not utilize or cause screen flicker.
(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.	1194.25(j)	Support			Controls are within the requirements when installed properly. Adjustable height brackets can be used to position SchoolBoard and MeetingBoard to different height levels. SchoolPad and MeetingPad are portable products providing an ideal solution to bring the technology to the student.
(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.	1194.25(j) (2)	Support			Controls are within the requirements when installed properly. Adjustable height brackets can be used to position SchoolBoard and MeetingBoard to different height levels. SchoolPad and MeetingPad are portable products providing an ideal solution to bring the technology to the student.
(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 and 15 inches minimum above the floor.	1194.25(j) (3)	Support			Controls are within the requirements when installed properly. Adjustable height brackets can be used to position SchoolBoard and MeetingBoard to different height levels. SchoolPad and MeetingPad are portable products providing an ideal solution to bring the technology to the student.
(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.	1194.25(j) (4)	Support			Controls are within the requirements when installed properly. Adjustable height brackets can be used to position SchoolBoard and MeetingBoard to different height levels. SchoolPad and MeetingPad are portable products providing an ideal solution to bring the technology to the student.
Desktop and Portable Computers					
All mechanically operated controls and keys shall comply with 1194.23 (k) (1) through (4).	1194.26(a)			N/A	These criteria do not apply
If a product utilizes touch screens or touch-operated controls, an input method shall be provided that complies with 1194.23 (k) (1) through (4).	1194.26(b)			N/A	These criteria do not apply
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.	1194.26(c)			N/A	These criteria do not apply
Where provided, at least one of each type of expansion slots, ports and connectors shall comply with publicly available industry standards				N/A	These criteria do not apply
Short Description of Functional Performance Criteria					
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.	1194.31(a)	Limited Support			InterWrite can be used with visually impaired, however the basic functionality of the product requires some degree of vision given the graphic nature of the product.
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.	1194.31(b)	Support			Supported via accessibility features of Windows Operating System, additionally, modes of operation of InterWrite with large sized icons is also provided.

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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	1194.31(c)	Support			Software and hardware operation do not require hearing for operation.
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.	1194.31(d)	Support			Software and hardware operation do not require hearing for operation. Tools within InterWrite allow for recording and playback, as such, any Assistive Technology available at the PC can be fully utilized as part of the overall solution.
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.	1194.31(e)	Support			Software and hardware operation do not require hearing for operation. Tools within InterWrite allow for recording and playback, as such, any Assistive Technology available at the PC can be fully utilized as part of the overall solution.
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.	1194.31(f)	Support			Setup and control is done via software on the computer. Operable buttons and controls are within reach of users since they are handheld devices.
Information, Documentation and Support					
Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge	1194.41(a)	Support			User's Guides, Technical Manuals, FAQs and Technical Bulletins are available free of charge, online at www.gtcocalcomp.com and available in pdf and html formats to support viewing at different sizes.
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	1194.41(b)	Limited Support			Accessibility information including this chart is available online.
Support services for products shall accommodate the communication needs of end-users with disabilities	1194.41(c)	Support			GTCO CalComp provides telephone, fax, email and web conferencing options for users to contact Technical Support and Sales departments.