

# Scopia Desktop Client

## Voluntary Product Accessibility Template (VPAT)

Scopia Desktop Client is an answer to the need of extending room video conferencing to desktop users. In addition to wide band audio, high definition video and presentation support, Scopia Desktop Client provides participant list, moderation controls, personalized video layouts, a chat window, and recording capabilities.

Scopia Desktop Client is subject to the following VPAT sections –

- 1194.21
- 1194.23
- 1194.31
- 1194.41

### Support Levels

Support Level	Description
<b>Supports</b>	Scopia Desktop Client fully meets the letter and intent of the criterion.
<b>Supports with Exceptions/Minor Exceptions</b>	Scopia Desktop Client does not fully meet the letter and intent of the criterion, but provides some level of access relative to the criterion.
<b>Supports through Equivalent Facilitation</b>	Scopia Desktop Client provides an alternate way to meet the intent of the criterion.
<b>Supports when combined with Compatible Assistive Technology</b>	Scopia Desktop Client fully meets the letter and intent of the criterion when used in combination with compatible assistive technology.
<b>Does Not Support</b>	Scopia Desktop Client does not meet the letter or intent of the criterion.
<b>Not Applicable</b>	The criterion does not apply.
<b>Not Applicable – Fundamental Alteration Exception Applies</b>	A fundamental alteration of Desktop Client is required to meet the criterion.

### Compliance Summary

Criteria	Support Levels
Section 1194.21 Software Applications and Operating Systems	<b>Included</b>
Section 1194.22 Web-based Intranet and Internet Information and Applications	<b>Included</b>
Section 1194.23 Telecommunications Products	<b>Included</b>
Section 1194.24 Video and Multi-media Products	<b>Not applicable</b>
Section 1194.25 Self-Contained, Closed Products	<b>Not applicable</b>
Section 1194.26 Desktop and Portable Computers	<b>Not applicable</b>
Section 1194.31 Functional Performance Criteria	<b>Included</b>
Section 1194.41 Information, Documentation and Support	<b>Included</b>

## § 1194.21 Software Applications and Operating Systems

<i>Criteria</i>	<i>Support Levels</i>	<i>Remarks and Explanations</i>
<p><b>1194.21(a)</b> 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.</p>	Supports with Exceptions	<p>Keyboard access is provided for most functions (but not all).</p> <p>Not working with keyboard only:</p> <ul style="list-style-type: none"> <li>• “Watch recording” table navigation</li> <li>• Setting/Virtual Room: Info buttons</li> <li>• Speakers on/off</li> <li>• MyLayout</li> <li>• DTMF keypad</li> </ul>
<p><b>1194.21(b)</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.</p>	Supports	
<p><b>1194.21(c)</b> 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.</p>	Supports with Exceptions	<p>Current focus is always indicated; however, it is not programmatically exposed. The system has not been tested with Assistive Technology.</p>
<p><b>1194.21(d)</b> 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.</p>	Supports	<p>The system has not been tested with Assistive Technology.</p>
<p><b>1194.21(e)</b> 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.</p>	Supports	

<b>1194.21(f)</b> 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	
<b>1194.21(g)</b> Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports	
<b>1194.21(h)</b> When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Not Applicable	Animations are not used
<b>1194.21(i)</b> 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	
<b>1194.21(j)</b> 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	No color and contrast adjustment are made by the application; standard settings are provided by the operating system software
<b>1194.21(k)</b> 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	
<b>1194.21(l)</b> 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.	??????	The system has not been tested with Assistive Technology.

## § 1194.22 Web-based Intranet and Internet Applications

<i>Criteria</i>	<i>Support Levels</i>	<i>Remarks and Explanations</i>
<b>1194.22(a)</b> A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Supports with exceptions	Only the logo picture does not carry an "alt" text element
<b>1194.22(b)</b> Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Not Applicable	The web server does not use multimedia content
<b>1194.22(c)</b> Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Supports	
<b>1194.22(d)</b> Documents shall be organized so they are readable without requiring an associated style sheet.	Supports	
<b>1194.22(e)</b> Redundant text links shall be provided for each active region of a server-side image map.	Not Applicable	The system does not use server-side image maps
<b>1194.22(f)</b> 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 system does not use client-side image maps
<b>1194.22(g)</b> Row and column headers shall be identified for data tables.	Does not Support	
<b>1194.22(h)</b> 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.	Not applicable	The system does not use complex data tables.
<b>1194.22(i)</b> Frames shall be titled with text that facilitates frame identification and navigation.	????	
<b>1194.22(j)</b> 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 website does not have flickering or flashing content
<b>1194.22(k)</b> A text-only page, with equivalent information or functionality, shall be provided to make a web site comply with the provisions of these standards, when compliance cannot be accomplished in any other way. The content of the text-only page shall be updated whenever the primary page changes.	Does Not Support	

<p><b>1194.22(l)</b> 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.</p>	<p>?????</p>	
<p><b>1194.22(m)</b> 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).</p>	<p>Not Applicable</p>	<p>The website does not use applet or plug-in content</p>
<p><b>1194.22(n)</b> 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.</p>	<p>Does not support</p>	
<p><b>1194.22(o)</b> A method shall be provided that permits users to skip repetitive navigation links.</p>	<p>Does Not Support</p>	
<p><b>1194.22(p)</b> When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.</p>	<p>Not Applicable</p>	<p>The website does not have timed response pages</p>

## § 1194.23 Telecommunications Products

<i>Criteria</i>	<i>Support Levels</i>	<i>Remarks and Explanations</i>
<b>1194.23(a)</b> 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	The system has an embedded text communications functionality
<b>1194.23(b)</b> Telecommunications products, which include voice communication functionality, shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.	Does Not Support	
<b>1194.23(c)</b> Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.	Not Applicable	Scopia Desktop Client is not a voice mail, auto-attendant, or interactive voice response system.
<b>1194.23(d)</b> 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.	Not Applicable	Scopia Desktop Client is not a voice mail, auto-attendant, or interactive voice response system.
<b>1194.23(e)</b> Where provided, caller identification and similar telecommunications functions shall also be available for users of TTYs, and for users who cannot see displays.	Supports with exception	Call identification as text string is provided, but no TTY support
<b>1194.23(f)</b> 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	.
<b>1194.23(g)</b> 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	

<p><b>1194.23(h)</b> 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.</p>	<p>Not Applicable</p>	<p>Speakers are not part of the system and are a user choice.</p>
<p><b>1194.23(i)</b> 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.</p>	<p>Supports</p>	
<p><b>1194.23(j)</b> 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.</p>	<p>Not applicable</p>	
<p><b>1194.23(k)(1)</b> Products which have mechanically operated controls or keys shall comply with the following: Controls and Keys shall be tactilely discernible without activating the controls or keys.</p>	<p>Not Applicable</p>	<p>The system is a software product that uses a standard platform (PC) owned by the user</p>
<p><b>1194.23(k)(2)</b> 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.</p>	<p>Not Applicable</p>	<p>The system is a software product that uses a standard platform (PC) owned by the user</p>
<p><b>1194.23(k)(3)</b> Products which 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.</p>	<p>Not Applicable</p>	<p>The system is a software product that uses a standard platform (PC) owned by the user</p>
<p><b>1194.23(k)(4)</b> 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.</p>	<p>Not applicable</p>	<p>The system is a software product that uses a standard platform (PC) chosen by the user</p>

## § 1194.24 Video and Multimedia Products

<i>Criteria</i>	<i>Support Levels</i>	<i>Remarks and Explanations</i>
<p><b>1194.24(a)</b> 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.</p>		
<p><b>1194.24(b)</b> Television tuners, including tuner cards for use in computers, shall be equipped with secondary audio program playback circuitry.</p>		
<p><b>1194.24(c)</b> 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.</p>		
<p><b>1194.24(d)</b> 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.</p>		
<p><b>1194.24(e)</b> Display or presentation of alternate text presentation or audio descriptions shall be user-selectable unless permanent.</p>		

## § 1194.25 Self-contained, Closed Products

<i>Criteria</i>	<i>Support Levels</i>	<i>Remarks and Explanations</i>
<b>1194.25(a)</b> 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.		
<b>1194.25(b)</b> When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.		
<b>1194.25(c)</b> 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).		
<b>1194.25(d)</b> 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.		
<b>1194.25(e)</b> 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.		
<b>1194.25(f)</b> 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.		
<b>1194.25(g)</b> Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.		

<p><b>1194.25(h)</b> 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.</p>		
<p><b>1194.25(i)</b> Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.</p>		
<p><b>1194.25(j)(1)</b> 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.</p>		
<p><b>1194.25(j)(2)</b> 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.</p>		
<p><b>1194.25(j)(3)</b> 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.</p>		
<p><b>1194.25(j)(4)</b> 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.</p>		

## § 1194.26 Desktop and Portable Computers

<i>Criteria</i>	<i>Support Levels</i>	<i>Remarks and Explanations</i>
<b>1194.26(a)</b> All mechanically operated controls and keys shall comply with §1194.23 (k)(1) through (4).		
<b>1194.26(b)</b> 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).		
<b>1194.26(c)</b> 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.		
<b>1194.26(d)</b> Where provided, at least one of each type of expansion slots, ports and connectors shall comply with publicly available industry standards.		

## § 1194.31 Functional Performance Criteria

<i>Criteria</i>	<i>Support Levels</i>	<i>Remarks and Explanations</i>
<b>1194.31(a)</b> 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.	Does Not Support	
<b>1194.31(b)</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 with Exceptions	The user interface is accessed through browser technology which allows users to magnify most of the on screen information.  Support for screen magnification was verified by testing with the Microsoft "Magnifier" tool.
<b>1194.31(c)</b> 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.	Operation of the Scopia Desktop Client user interface: Supports.  Telecommunication functions: Supports with exceptions.	User hearing is not required in order to operate the Scopia Desktop Client user interface.  With regard to telecommunication functions, the Scopia Desktop Client does not provide a TTY interface, nor is there a way to use an analog TTY device in conjunction with the Scopia Desktop. There is no support for closed captioning. Support for person-to-person text communication is provided by the Scopia Desktop bidirectional text "chat" function.  Please note also that the Scopia Desktop Client is usable as a video endpoint for sign language communication. A video refresh rate of 30 frames per second is provided when not constrained by network bandwidth or quality of service limitations.
<b>1194.31(d)</b> 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.	Operation of the Scopia Desktop Client user interface: Supports.  Telecommunication functions: Supports when combined with compatible assistive technology.	Support for assistive listening devices is dependent on the hardware (such as the headphones) that is used in conjunction with the Scopia Desktop Client

<p><b>1194.31(e)</b> 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.</p>	<p>Operation of the Scopia Desktop Client user interface: Supports.</p> <p>Telecommunication functions: Supports with exceptions.</p>	<p>User speech is not required in order to operate the Scopia Desktop Client user interface.</p> <p>With regard to telecommunication functions, the Scopia Desktop Client does not provide a TTY interface, nor is there a way to use an analog TTY device in conjunction with the Scopia Desktop. Support for person-to-person text communication is provided by the Scopia Desktop bidirectional text “chat” function.</p> <p>Please note also that the Scopia Desktop Client is usable as a video endpoint for sign language communication. A video refresh rate of 30 frames per second is provided when not constrained by network bandwidth or quality of service limitations.</p>
<p><b>1194.31(f)</b> 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.</p>	<p>Supports with Exceptions</p>	<p>Keyboard access is provided for most functions (but not all). The keyboard accessibility settings provided by the Microsoft operating system, such as “sticky keys,” are supported</p>

## § 1194.41 Information, Documentation and Support

<i>Criteria</i>	<i>Support Levels</i>	<i>Remarks and Explanations</i>
<b>1194.41(a)</b> Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge.	Supports	Will provide upon request.
<b>1194.41(b)</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	Will provide upon request.
<b>1194.41(c)</b> Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports	<p>Avaya's point-of-contact for accessibility-related issues:</p> <p style="text-align: center;">Dr. Paul R. Michaelis Voice: 303-538-4101 TTY: 303-538-3740</p> <p style="text-align: center;">prmichaelis-at-avaya.com</p>

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