**Date:**  December 16, 2016 **Name of Product:** Cisco IP Communicator, 7.x and 8.x **Contact for more information:** [accessibility@cisco.com](mailto:accessibility@cisco.com)

The following was tested on Windows XP with Freedom Scientific’s JAWS screen reader, Microsoft XP Screen Magnifier, Microsoft XP Accessibility Options (Filter keys and Display/Contrast settings), and Microsoft XP On-screen Keyboard.

# Summary Table - Voluntary Product Accessibility Template

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| --- | --- | --- |
| Criteria | Supporting Features | Remarks and Explanations |
| Section 1194.21 Software Applications and Operating Systems | Included |  |
| Section 1194.22 Web-based internet information and applications | Not Applicable |  |
| W3C WCAG 2.0 Checkpoints | Not Applicable |  |
| Section 1194.23 Telecommunications Products | Included |  |
| Section 1194.24 Video and Multi-media Products | Not Applicable |  |
| Section 1194.25 Self-Contained, Closed Products | Not Applicable |  |
| Section 1194.26 Desktop and Portable Computers | Not Applicable |  |
| Section 1194.31 Functional Performance Criteria | Included |  |
| Section 1194.41 Information, Documentation and Support | Included |  |

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# Version of the Product

Cisco IP Communicator, 7.x and 8.x



# Section 1194.21: Software Applications and Operating Systems – Detail

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| **Claus****e** | **Criteria** | **Status** | **Remarks and Explanations** |
| 1194.21(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 | Product provides keyboard access to all major features. Keyboard shortcuts can be found in the user documentation. For example, Shift+F10 invoke the application’s context menu. |
| 1194.21(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 | The following OS accessibility features were tested: FilterKeys, ToggleKeys, and StickyKeys. The Accessibility Display options are addressed in 1194.21(g). |
| 1194.21(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 with Exceptions | The skins (Default and Compact) provided for the main interface of the soft phone does not provide a well-defined on screen indication of focus.  Supported only in the Preferences, About Quick Search and Audio Tuning Wizard dialog boxes.  See 1194.21(d) for remarks regarding Assistive Technology. |
| 1194.21(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 with Exceptions | Not fully compatible with screen reader software.  The following window dialogs, Preferences, Quick Search, and Audio Tuning are compatible with screen reader software. There are minor instances where the label to an edit field is not spoken by the screen reader in the Preferences Audio and Network tabs. |
| 1194.21(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. | Does Not Support | The Default and Compact skins that are the main interface to the product use bitmaps for controls. The labeling is consistent, but hinders the compatibility with a screen reader and does not provide alternative skins for low vision users. |
| 1194.21(f) | 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 with Exceptions | Supported only in the Preferences, About Quick Search and Audio Tuning Wizard dialog boxes. |
| 1194.21(g) | Applications shall not override user selected contrast and color selections and other individual display attributes. | Does Not Support | Product uses bitmap skins that do not inherit the OS contrast and color selections.  Product’s main interface (bitmap skins) does not work with a Screen Magnifier because it does not provide a well-defined on screen indication of focus.  The following dialogs do inherit the contrast settings but not the increased text size: Preferences, About Quick Search and Audio Tuning Wizard dialog boxes. |
| 1194.21(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 | There are small animations for an incoming call and other functions. The animations are complimented by textual information, e.g. a Call ID number. |
| 1194.21(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 | No instances of relying solely on color to convey information. |
| 1194.21(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 | There is not a feature built into this product to adjust the color and contrast. |
| 1194.21(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 | An incoming call will flash the line button of the respective line. The flash/blink rate falls outside the danger range. The current blink rate was measured at 1.75HZ.  The flashing occurs in a small percentage, less than 5% of the screen) |
| 1194.21(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. | Supports with Exceptions | The following window dialogs, Preferences, Quick Search, and Audio Tuning are compatible with screen reader software. There are minor instances where the label to an edit field is not spoken by the screen reader in the Preferences Audio and Network tabs. |

# Section 1194.23: Telecommunications Products - Detail

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| **Clause** | **Criteria** | **Status** | **Remarks and Explanations** |
| 1194.23(a) | 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 through Equivalent Facilitation | Supported when combined with the Cisco 7900 Series IP Phones and compatible Assistive Technology. |
| 1194.23(b) | Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols. | Supports through Equivalent Facilitation | Supported when combined with the Cisco 7900 Series IP Phones and compatible Assistive Technology. |
| 1194.23(c) | Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs. | Supports through Equivalent Facilitation | Supported when combined with the Cisco Unified Communications solution (Unity Voice Mail, Unity Auto Attendant, and Unity Unified Messaging & Personal Assistant). |
| 1194.23(d) | 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. | Supports through Equivalent Facilitation | Supported when combined with the Cisco Unified Communications solution (Unity Voice Mail, Unity Auto Attendant, and Unity Unified Messaging & Personal Assistant). |
| 1194.23(e) | Where provided, caller identification and similar telecommunications functions shall also be available for users of TTYs, and for users who cannot see displays. | Supports through Equivalent Facilitation | Supported when combined with the Cisco 7900 Series IP Phones and compatible Assistive Technology and the use of Tenacity’s Access A Phone. |
| 1194.23(f) | 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 through Equivalent Facilitation | Supported when combined with the Cisco 7900 Series IP Phones and compatible Assistive Technology. |
| 1194.23(g) | 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 | The volume rocker bar in the IP Communicator automatically resets for each phone call. |
| 1194.23(h) | 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. | Supports through Equivalent Facilitation | Supported when combined with the Cisco 7900 Series IP Phones. |
| 1194.23(i) | 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. | Supports through Equivalent Facilitation | Supported when combined with the Cisco 7900 Series IP Phones. |
| 1194.23(j) | 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. | Supports through Equivalent Facilitation | Supported when combined with the Cisco 7900 Series IP Phones and compatible Assistive Technology (a TTY device). |
| 1194.23(k1) | 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. | Not Applicable | This is a software product and has no mechanically operated controls. |
| 1194.23(k2) | 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. | Not Applicable | This is a software product and has no mechanically operated controls. |
| 1194.23(k3) | 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. | Not Applicable | This is a software product and has no mechanically operated controls. |
| 1194.23(k4) | 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. | Not Applicable | This is a software product and has no mechanically operated controls. |

# Section 1194.31: Functional Performance Criteria – Detail

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| **Clause** | **Criteria** | **Status** | **Remarks and Explanations** |
| 1194.31(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 through Equivalent Facilitation | Supported when combined with the Cisco 7900 Series IP Phones and compatible Assistive Technology, Tenacity’s Access A Phone. |
| 1194.31(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 through Equivalent Facilitation | Supported when combined with Tenacity’s Access A Phone. |
| 1194.31(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 | Supports through Equivalent Facilitation | Supported when combined with the Cisco 7900 Series IP Phones. |
| 1194.31(d) | 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. | Supports through Equivalent Facilitation | Supported when combined with the Cisco 7900 Series IP Phones and compatible Assistive Technology. |
| 1194.31(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. | Supports through Equivalent Facilitation | Supported when combined with the Cisco 7900 Series IP Phones and compatible Assistive Technology. |
| 1194.31(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 through Equivalent Facilitation | Supported when combined with the Cisco 7900 Series IP Phones and compatible Assistive Technology. |

# Section 1194.41: Information, Documentation and Support - Detail

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| **Clause** | **Criteria** | **Status** | **Remarks and Explanations** |
| 1194.41(a) | Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge | Supports | Accessible documentation is available through Cisco TAC upon request. |
| 1194.41(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 | Accessible documentation is available through Cisco TAC upon request. |
| 1194.41(c) | Support services for products shall accommodate the communication needs of end-users with disabilities. | Supports | Cisco conforms through equal facilitation.  Customers may reach Cisco Technical Assistance Center (TAC) via Phone, Email or Web Form.   All cases open through email or web are opened as Priority 3 cases.   All Priority 1 or Priority 2 case can only be opened via the telephone.  TTY users must call the Text Relay Service (TRS) by dialing 711 or their state Video Relay Service (VRS) and have the TRS agent contact Cisco TAC via voice. |

# Supporting Feature (Status) Terminology

The result of “Accessibility Testing" assists in the determination of the Supporting Features.

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| **Support****ing Features or Status** | **Description** |
| Supports | Use this language when you determine the product fully meets the letter and intent of the Criteria. |
| Supports with Exceptions | Use this language when you determine the product does not fully meet the letter and intent of the Criteria, but provides some level of access relative to the Criteria. Please document the exception in the “Remarks and Explanations” column. |
| Supports through Equivalent Facilitation | Use this language when you have identified an alternate way to meet the intent of the Criteria or when the product does not fully meet the intent of the Criteria. Please document the exception in the “Remarks and Explanations” column. |
| Supports when combined with Compatible Assistive Technology | Use this language when you determine the product fully meets the letter and intent of the Criteria when used in combination with Compatible Assistive Technology. For example, many software programs can provide speech output when combined with a compatible screen reader (commonly used assistive technology for people who are blind). Please document the exception in the “Remarks and Explanations” column. |
| Does not Support | Use this language when you determine the product does not meet the letter or intent of the Criteria. Please document the reason in the “Remarks and Explanations” column. |
| Not Applicable | Use this language when you determine that the Criteria do not apply to the specific product. For example, many web applications don't have video content the "Not Applicable" can be used. Please state "The application does not have any video content" in the “Remarks and Explanations” column. Please document the reason in the “Remarks and Explanations” column. |