Date: January 24, 2017

Name of Product: Cisco Unity Express (CUE) v9.x Contact for more information: <u>accessibility@cisco.com</u>

The following testing was done on a Windows 7 with Freedom Scientific's JAWs screen reader v16, Microsoft Accessibility Options (Filter keys and Display/Contrast settings), and standard Keyboard.

Summary Table - Voluntary Product Accessibility Template

Criteria	Supporting Features	Remarks and Explanations
Section 1194.21 Software Applications and Operating Systems	Not Applicable	
Section 1194.22 Web-based internet information and applications	Included	
W3C WCAG 2.0 Checkpoints	Included	
Section 1194.23 Telecommunications Products	Included	CUE Auto Attendant, Voicemail and Interactive Voice Response System
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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Section 1194.22: Web-based Internet information and applications – Detail

Clause	Criteria	Status	Remarks and Explanations
1194.22(a)	A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Supports with Exceptions	Some non-text content do not have text alternative.
1194.22(b)	Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Not Applicable	The product does not have multimedia content.
1194.22(c)	Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Supports	
1194.22(d)	Documents shall be organized so they are readable without requiring an associated style sheet.	Supports	Equivalent Facilitation is provided to support low vision users in high contrast.
1194.22(e)	Redundant text links shall be provided for each active region of a server-side image map.	Not Applicable	The product does not have server-side image maps.
1194.22(f)	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 product does not have server-side image maps.
1194.22(g)	Row and column headers shall be identified for data tables.	Supports with Exceptions	Some data tables do not fully support screen reader software.
1194.22(h)	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 product does not have complex table structure.
1194.22(i)	Frames shall be titled with text that facilitates frame identification and navigation.	Does Not Support	Frames do not have title attribute.
1194.22(j)	Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Supports	

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1194.22(k)	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.	Does Not Support	For every non-compliant page, the product does not have a text-only equivalent page.
1194.22(I)	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.	Supports with Exceptions	Some pages with scripting languages do not fully support screen reader software.
1194.22(m)	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 (I).	Not Applicable	The product does not have applet or plug-in content.
1194.22(n)	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.	Supports with Exceptions	Some forms do not fully support screen reader software.
1194.22(o)	A method shall be provided that permits users to skip repetitive navigation links.	Does Not Support	The product does not have a method to skip repetitive navigation links.
1194.22(p)	When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Supports	-

W3C WCAG 2.0 Checkpoints - Detail

Checkpoint	Description	Status	Remarks and Explanations
1.1.1 (A)	Non-text content	Supports with Exceptions	Some non-text content does not fully support screen reader software.
1.2.1 (A)	Audio-only and Video-only (Prerecorded)	Not Applicable	There is no multimedia content.
1.2.2 (A)	Captions (Prerecorded)	Not Applicable	There is no multimedia content.
1.2.3 (A)	Audio Description or Media Alternative (Prerecorded)	Not Applicable	There is no multimedia content.
1.2.4 (AA)	Captions (Live)	Not Applicable	There is no multimedia content.
1.2.5 (AA)	Audio Description (Prerecorded)	Not Applicable	There is no multimedia content.
1.3.1 (A)	Info and Relationships	Supports with Exceptions	Some form elements and data tables do not fully support screen reader software.
1.3.2 (A)	Meaningful Sequence	Supports	
1.3.3 (A)	Sensory Characteristics	Not Applicable	There are no sensory characteristics of components.
1.4.1 (A)	Use of Color	Supports	
1.4.2 (A)	Audio Control	Not Applicable	There is no audio control.
1.4.3 (AA)	Contrast (Minimum)	Supports	
1.4.4 (AA)	Resize Text	Supports	
1.4.5 (AA)	Images of Text	Not Applicable	There is no image of text.
2.1.1 (A)	Keyboard	Supports with Exceptions	Some elements are not accessible with keyboard.
2.1.2 (A)	No Keyboard Trap	Supports	
2.2.1 (A)	Timing Adjustable	Supports	
2.2.2 (A)	Pause, Stop, Hide	Not Applicable	There is no moving, blinking, scrolling, or auto-updating information object.
2.3.1 (A)	Three Flashes or Below Threshold	Not Applicable	There are no flashing objects.

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2.4.1 (A)	Bypass Blocks	Supports with Exceptions	The product does not have a method to skip repetitive navigation links. Frames do not have title attribute.
2.4.2 (A)	Page Titled	Supports	
2.4.3 (A)	Focus Order	Supports with Exceptions	Some pages do not maintain a logical focus order.
2.4.4 (A)	Link Purpose (In Context)	Supports	
2.4.5 (AA)	Multiple Ways	Does Not Support	The product does not have at least 2 ways to locate a webpage.
2.4.6 (AA)	Headings and Labels	Supports	
2.4.7 (AA)	Focus Visible	Supports with Exceptions	Some elements do not have visible focus.
3.1.1 (A)	Language of Page	Supports with Exceptions	The main page is missing LANG attribute.
3.1.2 (AA)	Language of Parts	Not Applicable	There are no multiple languages phrases on a page.
3.2.1 (A)	On Focus	Supports	
3.2.2 (A)	On Input	Supports	
3.2.3 (AA)	Consistent Navigation	Supports	
3.2.4 (AA)	Consistent Identification	Supports	
3.3.1 (A)	Error Identification	Supports with Exceptions	The login page's error identification does not support screen reader users.
3.3.2 (A)	Labels or Instructions	Supports with Exceptions	Some pages are missing required field labels and instruction.
3.3.3 (AA)	Error Suggestion	Supports	
3.3.4 (AA)	Error Prevention (Legal, Financial, Data)	Not Applicable	There is no legal or financial information.
4.1.1 (A)	Parsing	Supports with Exceptions	Some pages are missing DOCTYPE. Some pages do not have a unique ID.

Section 1194.23: Telecommunications Products - Detail

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.	Not Applicable	
1194.23(b)	Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.	Not Applicable	
1194.23(c)	Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.	Does Not Support	CUE Voice mail, auto attendant, and IVR are not supported by TTY engines. The TTY Angel tool which is used to generate WAV files that can be played to TTY/TDD phone devices could be used with CUE. However, when using this application the navigation menus become nonfunctional. For example, the user cannot mark the message as "read" or "unread". Furthermore, the navigation menus stop providing any advanced

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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	features such as setting upVM networking information for both the local system and all remote nodes. Furthermore it will not allow a local admin to enter information such as user name, phone number, location etc. for remote users. Also, it will not allow the local administrator to record a spoken name on remote user behalf. There is also a lighter version of this tool, TTY WAV Maker, that's designed to let users generate TTY voice mail messages from text from their desktops. The telephone user interface prompts the user for more information if they haven't responded within a given time period. It also provides the end user the ability to set the number of times that the menu will be replayed to wait for user input.
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 with Exceptions	Supports for users with low vision or blindness. These users can use the Auto

			Attendant audible functionalities of CUE which are user configurable to obtain all required information including Caller ID. Does Not Support for TTY users, the Auto Attendant and IVR features of CUE are not accessible. A baudot language set is not available through CUE for the audio instructions.
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.	Not Applicable	
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.	Not Applicable	
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.	Not Applicable	
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.	Not Applicable	

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	Cisco Unity Express supports G.711 voice termination standard audio.
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	
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	
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	
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	

Section 1194.31: Functional Performance Criteria – Detail

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 with Exceptions	For exceptions see remarks for 1194.22 (a) (g) (i) (l) (n) (o).
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	
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 with Exceptions	For exceptions see remarks for 1194.23 (c) (e).
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.	Not Applicable	
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.	Does Not Support	For exceptions see remarks for 1194.23 (c).
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	

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Section 1194.41: Information, Documentation and Support - Detail

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.

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Supporting Feature (Status) Terminology

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

Supporting 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.

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