



Comm100 Live Chat Accessibility Conformance Report WCAG Edition

(Based on VPAT® Version 2.4Rev)



Name of Product/Version: Comm100 Live Chat and Al Agent

Report Date: 07/19/2022

Product Description:

As a core part of the Comm100 Omnichannel Customer Engagement platform, Comm100 Live Chat is a cloud-based solution that allows website visitors to initiate a chat with the company's customer service representatives and engage with a virtual AI Agent to get questions answered automatically. The chat solution can be embedded on both websites and mobile apps.

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Notes:

Accessibility testing would consist of different scenarios

- Al Agent: Digital assistants that interpret visitors' intents, process their requests, and give prompt relevant answers.
- Offline Message: Visitor starts chatting but is directed to Offline Form (No Al Agent or agent available).
- Live Chat: Online communication among visitors and Agent.

The report covers the testing on visitor side widgets of Live Chat including the Chat Button, Chat Window, Pre-chat Window, Post-chat Window, Offline Message Window, Invitations and Side Window.

For the following components, it's partial conformance for WCAG, they are partially accessible or outside of comm100's control because it's being provided by third party - Calendly, YouTube.

- Book a meeting (Calendly)
- Video play (YouTube)
- Audio/Video Chat



Evaluation Methods Used:

Comm100 Live Chat and Al Agent involved a combination of manual and automated testing on the desktop platform.

- Manual assessment based on
 - o Operating System/Browser: Windows with Chrome and Edge, macOS with Chrome and Safari
 - o Screen reader: NVDA, Narrator, VoiceOver
- Automation: Ran checker using AChecker Web Accessibility Checker

Applicable Standards/Guidelines

This report covers the degree of conformance with the following accessibility standards/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes)
	Level AA (Yes)
	Level AAA (No)
Web Content Accessibility Guidelines 2.1	Level A (Yes)
	Level AA (Yes)
	Level AAA (No)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports**: The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- Partially Supports: Some functionality of the product does not meet the criterion.
- **Does Not Support**: The majority of product functionality does not meet the criterion.
- **Not Applicable**: The criterion is not relevant to the product.
- Not Evaluated: The product has not been evaluated against the criterion. This can be used only in WCAG 2.1 Level AAA.



WCAG 2.1 Report

Note: When reporting on conformance with the WCAG 2.1 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the <a href="https://www.wcashee.com/wca



Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
All non-text content (Level A) All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below. • Controls, Input: If non-text content is a control or accepts user input, then it has a name that describes its purpose. (Refer to Success Criterion 4.1.2 for additional requirements for controls and content that accepts user input.) • Time-Based Media: If non-text content is time-based media, then text alternatives at least provide descriptive identification of the non-text content. (Refer to Guideline 1.2 for additional requirements for media.) • Test: If non-text content is a test or exercise that would be invalid if presented in text, then text alternatives at least provide descriptive identification of the non-text content. Supports • Sensory: If non-text content is primarily intended to create a specific sensory experience, then text alternatives at least provide descriptive identification of the non-text content. • CAPTCHA: If the purpose of non-text content is to confirm that content is being accessed by a person rather than a computer, then text alternatives that identify and describe the purpose of the non-text content are provided, and alternative forms of CAPTCHA using output modes for different types of sensory perception are provided to accommodate different disabilities. • Decoration, Formatting, Invisible: If non-text content is pure decoration, is used only for visual formatting, or is not presented to users, then it is implemented in a way that it can be ignored by assistive technology.	Supports	
1.2.1 Audio-only and Video-only (Prerecorded) (Level A) For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such:	Not applicable	



Criteria	Conformance Level	Remarks and Explanations
Prerecorded Audio-only: An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content.		
Prerecorded Video-only: Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content.		
1.2.2 Captions (Prerecorded) (Level A) Captions are provided for all prerecorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such.	Not applicable	
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when the media is a media alternative for text and is clearly labeled as such.	Not applicable	
1.3.1 Info and Relationships (Level A) Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text.	Supports	
1.3.2 Meaningful Sequence (Level A) When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined.	Supports	
1.3.3 Sensory Characteristics (Level A) Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound. Note: For requirements related to color, refer to Guideline 1.4.	Supports	
L.4.1 Use of Color (Level A) Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. Note: This success criterion addresses color perception specifically. Other forms of perception are covered in Guideline 1.3 including programmatic access to color and other visual presentation coding.	Supports	
1.4.2 Audio Control (Level A) If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism	Not applicable	



Criteria	Conformance Level	Remarks and Explanations
is available to control audio volume independently from the overall system volume level.		
Note : Since any content that does not meet this success criterion can interfere with a user's ability to use the whole page, all content on the Web page (whether or not it is used to meet other success criteria) must meet this success criterion. See Conformance Requirement 5: Non-Interference.		
2.1.1 Keyboard (Level A) All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints. Note 1: This exception relates to the underlying function, not the input technique. For example, if using handwriting to enter text, the input technique (handwriting) requires path-dependent input but the underlying function (text input) does not. Note 2: This does not forbid and should not discourage providing mouse input or other input methods in addition to keyboard operation.	Supports	
2.1.2 No Keyboard Trap (Level A) If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away. Note: Since any content that does not meet this success criterion can interfere with a user's ability to use the whole page, all content on the Web page (whether it is used to meet other success criteria or not) must meet this success criterion. See Conformance Requirement 5: Non-Interference.	Supports	
2.1.4 Character Key Shortcuts (Level A 2.1 only) If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true: • Turn off: A mechanism is available to turn the shortcut off; • Remap: A mechanism is available to remap the shortcut to include one or more non-printable keyboard keys (e.g., Ctrl, Alt);	Supports	



Criteria	Conformance Level	Remarks and Explanations
• Active only on focus: The keyboard shortcut for a user interface component is only active when that component has focus.		
2.2.1 Timing Adjustable (Level A)		
For each time limit that is set by the content, at least one of the following is true:		
• Turn off: The user is allowed to turn off the time limit before encountering		
 it; or Adjust: The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or 		
• Extend: The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or	Not applicable	
 Real-time Exception: The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or Essential Exception: The time limit is essential and extending it would invalidate the activity; or 		
• 20 Hour Exception : The time limit is longer than 20 hours.		
 2.2.2 Pause, Stop, Hide (Level A) For moving, blinking, scrolling, or auto-updating information, all of the following are true: Moving, blinking, scrolling: For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and Auto-updating: For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential. Note 1: For requirements related to flickering or flashing content, refer to Guideline 2.3. 	Not applicable	



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Criteria	Conformance Level	Remarks and Explanations
Note 2: Since any content that does not meet this success criterion can		
interfere with a user's ability to use the whole page, all content on the Web		
page (whether it is used to meet other success criteria or not) must meet		
this success criterion. See Conformance Requirement 5: Non-Interference.		
Note 3: Content that is updated periodically by software or that is		
streamed to the user agent is not required to preserve or present		
information that is generated or received between the initiation of the pause		
and resuming presentation, as this may not be technically possible, and in		
many situations could be misleading to do so.		
Note 4: An animation that occurs as part of a preload phase or similar		
situation can be considered essential if interaction cannot occur during that		
phase for all users and if not indicating progress could confuse users or		
cause them to think that content was frozen or broken.		
2.3.1 Three Flashes or Below Threshold (Level A)		
Web pages do not contain anything that flashes more than three times in		
any one second period, or the flash is below the general flash and red flash		
thresholds.	Not applicable	
Note: Since any content that does not meet this success criterion can	Not applicable	
interfere with a user's ability to use the whole page, all content on the Web		
page (whether it is used to meet other success criteria or not) must meet		
this success criterion. See Conformance Requirement 5: Non-Interference.		
2.4.1 Bypass Blocks (Level A)		
A mechanism is available to bypass blocks of content that are repeated on	Supports	
multiple Web pages.		
2.4.2 Page Titled (Level A)	Commonanta	
Web pages have titles that describe topic or purpose.	Supports	
2.4.3 Focus Order (Level A)		
If a Web page can be navigated sequentially and the navigation sequences	0	
affect meaning or operation, focusable components receive focus in an	Supports	
order that preserves meaning and operability.		
2.4.4 Link Purpose (In Context) (Level A)		
The purpose of each link can be determined from the link text alone or from		
the link text together with its programmatically determined link context,	Supports	
except where the purpose of the link would be ambiguous to users in	11 - 1-	
general.		
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Criteria	Conformance Level	Remarks and Explanations
2.5.1 Pointer Gestures (Level A 2.1 only) All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential.	Not applicable	
 2.5.2 Pointer Cancellation (Level A 2.1 only) For functionality that can be operated using a single pointer, at least one of the following is true: No Down-Event: The down-event of the pointer is not used to execute any part of the function; Abort or Undo: Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion; Up Reversal: The up-event reverses any outcome of the preceding down-event; Essential: Completing the function on the down-event is essential. 	Not applicable	
2.5.3 Label in Name (Level A 2.1 only) For user interface components with labels that include text or images of text, the name contains the text that is presented visually.	Supports	
 2.5.4 Motion Actuation (Level A 2.1 only) Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when: Supported Interface: The motion is used to operate functionality through an accessibility supported interface; Essential: The motion is essential for the function and doing so would invalidate the activity. 	Not applicable	
3.1.1 Language of Page (Level A) The default human language of each Web page can be programmatically determined.	Supports	
3.2.1 On Focus (Level A) When any user interface component receives focus, it does not initiate a change of context.	Supports	
3.2.2 On Input (Level A)	Supports	



Criteria	Conformance Level	Remarks and Explanations
Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component.		
3.3.1 Error Identification (Level A) If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text.	Supports	
3.3.2 Labels or Instructions (Level A) Labels or instructions are provided when content requires user input.	Supports	
4.1.1 Parsing (Level A) In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features. Note: Start and end tags that are missing a critical character in their formation, such as a closing angle bracket or a mismatched attribute value quotation mark are not complete.	Supports	
4.1.2 Name, Role, Value (Level A) For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies. Note: This success criterion is primarily for Web authors who develop or script their own user interface components. For example, standard HTML controls already meet this success criterion when used according to specification.	Supports	



Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)		-
Captions are provided for all live audio content in synchronized media.	Not applicable	
1.2.5 Audio Description (Prerecorded) (Level AA)		
Audio description is provided for all prerecorded video content in	Not applicable	
synchronized media.		
1.3.4 Orientation (Level AA 2.1 only)		
Content does not restrict its view and operation to a single display	Supports	
orientation, such as portrait or landscape, unless a specific display	Cupports	
orientation is essential.		
1.3.5 Identify Input Purpose (Level AA 2.1 only)		
The purpose of each input field collecting information about the user can be		
programmatically determined when:		
• The input field serves a purpose identified in the Input Purposes for User	Supports	
Interface Components section; and		
The content is implemented using technologies with support for identifying the synapted magning for form input data.		
identifying the expected meaning for form input data.		
1.4.3 Contrast (Minimum) (Level AA)		
The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following:		
Large Text: Large-scale text and images of large-scale text have a		
contrast ratio of at least 3:1;		
• Incidental: Text or images of text that are part of an inactive user	Supports	
interface component, that are pure decoration, that are not visible to	Cupports	
anyone, or that are part of a picture that contains significant other visual		
content, have no contrast requirement.		
• Logotypes : Text that is part of a logo or brand name has no contrast		
requirement.		
1.4.4 Resize text (Level AA)		
Except for captions and images of text, text can be resized without assistive	Supports	
technology up to 200 percent without loss of content or functionality.		
1.4.5 Images of Text (Level AA)	Supports	



Criteria	Conformance Level	Remarks and Explanations
If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following: • Customizable: The image of text can be visually customized to the user's requirements; • Essential: A particular presentation of text is essential to the information being conveyed. Note: Logotypes (text that is part of a logo or brand name) are considered essential.		
 1.4.10 Reflow (Level AA 2.1 only) Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for: Vertical scrolling content at a width equivalent to 320 CSS pixels; Horizontal scrolling content at a height equivalent to 256 CSS pixels; Except for parts of the content which require two-dimensional layout for usage or meaning. 	Supports	
 1.4.11 Non-text Contrast (Level AA 2.1 only) The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s): User Interface Components: Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author; Graphical Objects: Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed. 	Supports	
1.4.12 Text Spacing (Level AA 2.1 only) In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property: • Line height (line spacing) to at least 1.5 times the font size; • Spacing following paragraphs to at least 2 times the font size; • Letter spacing (tracking) to at least 0.12 times the font size; • Word spacing to at least 0.16 times the font size. Exception: Human languages and scripts that do not make use of one or more of these text	Supports	



Criteria	Conformance Level	Remarks and Explanations
style properties in written text can conform using only the properties that exist for that combination of language and script.		
1.4.13 Content on Hover or Focus (Level AA 2.1 only)		
Where receiving and then removing pointer hover or keyboard focus triggers		
additional content to become visible and then hidden, the following are true: • Dismissible: A mechanism is available to dismiss the additional content		
without moving pointer hover or keyboard focus, unless the additional		
content communicates an input error or does not obscure or replace other		
content;		
Hoverable: If pointer hover can trigger the additional content, then the	Supports	
pointer can be moved over the additional content without the additional		
content disappearing;		
• Persistent: The additional content remains visible until the hover or focus		
trigger is removed, the user dismisses it, or its information is no longer valid.		
Exception: The visual presentation of the additional content is controlled by		
the user agent and is not modified by the author.		
2.4.5 Multiple Ways (Level AA)	Cummorto	
More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in, a process.	Supports	
2.4.6 Headings and Labels (Level AA)		
Headings and labels describe topic or purpose.	Supports	
2.4.7 Focus Visible (Level AA)		
Any keyboard operable user interface has a mode of operation where the	Supports	
keyboard focus indicator is visible.		
3.1.2 Language of Parts (Level AA)		
The human language of each passage or phrase in the content can be		
programmatically determined except for proper names, technical terms,	Supports	
words of indeterminate language, and words or phrases that have become		
part of the vernacular of the immediately surrounding text.		
3.2.3 Consistent Navigation (Level AA)		
Navigational mechanisms that are repeated on multiple Web pages within a	Supports	
set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user.		
	Supports	
3.2.4 Consistent Identification (Level AA)	Supports	



Criteria	Conformance Level	Remarks and Explanations
Components that have the same functionality within a set of Web pages are identified consistently		
3.3.3 Error Suggestion (Level AA) If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content.	Supports	
 3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true: Reversible: Submissions are reversible. Checked: Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. Confirmed: A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. 	Not applicable	
4.1.3 Status Messages (Level AA 2.1 only) In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus.	Supports	



Table 3: Success Criteria, Level AAA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA)	Not Evaluated	
1.2.7 Extended Audio Description (Prerecorded) (Level AAA)	Not Evaluated	
1.2.8 Media Alternative (Prerecorded) (Level AAA)	Not Evaluated	
1.2.9 Audio-only (Live) (Level AAA)	Not Evaluated	
1.3.6 Identify Purpose (Level AAA 2.1 only)	Not Evaluated	
1.4.6 Contrast (Enhanced) (Level AAA)	Not Evaluated	
1.4.7 Low or No Background Audio (Level AAA)	Not Evaluated	
1.4.8 Visual Presentation (Level AAA)	Not Evaluated	
1.4.9 Images of Text (No Exception) (Level AAA)	Not Evaluated	
2.1.3 Keyboard (No Exception) (Level AAA)	Not Evaluated	
2.2.3 No Timing (Level AAA)	Not Evaluated	
2.2.4 Interruptions (Level AAA)	Not Evaluated	
2.2.5 Re-authenticating (Level AAA)	Not Evaluated	
2.2.6 Timeouts (Level AAA 2.1 only)	Not Evaluated	
2.3.2 Three Flashes (Level AAA)	Not Evaluated	
2.3.3 Animation from Interactions (Level AAA 2.1 only)	Not Evaluated	
2.4.8 Location (Level AAA)	Not Evaluated	
2.4.9 Link Purpose (Link Only) (Level AAA)	Not Evaluated	
2.4.10 Section Headings (Level AAA)	Not Evaluated	
2.5.5 Target Size (Level AAA 2.1 only)	Not Evaluated	
2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 only)	Not Evaluated	
3.1.3 Unusual Words (Level AAA)	Not Evaluated	
3.1.4 Abbreviations (Level AAA)	Not Evaluated	
3.1.5 Reading Level (Level AAA)	Not Evaluated	



Criteria	Conformance Level	Remarks and Explanations
3.1.6 Pronunciation (Level AAA)	Not Evaluated	
3.2.5 Change on Request (Level AAA)	Not Evaluated	
3.3.5 Help (Level AAA)	Not Evaluated	
3.3.6 Error Prevention (All) (Level AAA)	Not Evaluated	