

Respondus Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.5Rev)

Name of Product/Version: LockDown Browser and Respondus Monitor.

Report Date: October 1, 2024

Product Description: LockDown Browser is a client application installed to a user's computing device. It is based on the Chromium Embedded Framework (CEF) and renders content nearly identically to other browsers based on CEF (eg. Chrome, Edge).

Respondus Monitor is a web application that builds upon the LockDown Browser technology. When an exam requires the use of both LockDown Browser and Respondus Monitor, examinees go through a "startup sequence" that guides them through a webcam check and other requirements set by the instructor.

From an end-user's standpoint (and hence, from an accessibility standpoint), the technology for LockDown Browser and Respondus Monitor are essentially the same.

Contact Information: accessibility@respondus.com

Notes:

1. Windows computers: Lockdown Browser and Respondus Monitor is fully accessible per WCG 2.1 and 2.2, A and AA on Windows devices, with the exception of a small, non-barrier issue on the Terms of Use page.
2. Mac computers: Lockdown Browser and Respondus Monitor is fully accessible per WCAG 2.1 on Ventura OS.
3. Mac computers: Lockdown Browser and Respondus Monitor is partially accessible per WCAG 2.2 on Sonoma OS.

Evaluation Methods Used:

- Manual human-led auditing: Screen-reader testing on each operating system (Windows and Mac).
- Manual human-led auditing: Keyboard navigability testing on each operating system (Windows and Mac).
- Manual human-led auditing: Technical auditing; a multi-dozen point inspection on unique templates.
- Random sampling testing when relevant.
- Color-contrast testing is done with accessibility consultant's proprietary color contrast analyzer, part of the A11y Toolbox software suite.

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/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)
Web Content Accessibility Guidelines 2.2	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 only be used in WCAG Level AAA criteria.

WCAG 2.2 Report

Note: When reporting on conformance with the WCAG 2.2 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.2 Conformance Requirements](#).

Section 508 Conformance

As is noted in the conformance table below, the software/product in question, “LockDown Browser and Respondus Monitor”, meets or exceeds the conformance requirements of WCAG 2.1, levels A and AA. This also means that this software/product meets and exceeds the accessibility conformance requirements of Section 508, which requires a minimum of WCAG 2.0, levels A and AA conformance.

Table 1: Success Criteria, Level A

Notes: The product has been evaluated separately on a Mac and on a Windows computer. There are slight differences between the product experience, depending on operating system, and those differences are called out in the table below if relevant to WCAG conformance.

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Partially Supports	<p>On Mac: Within Sonoma OS there are a number of images that do not have text alternatives and are not used for decoration.</p> <p>On Windows: The product meets the requirements of the success criteria.</p>
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	Product does not contain prerecorded audio or video.
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	Product does not contain prerecorded synchronized media.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	Product does not contain prerecorded synchronized media.
1.3.1 Info and Relationships (Level A)	Partially Supports	<p>On Mac: Within Sonoma OS there are a number of headings that do not communicate to assistive technologies as headings, and a couple of lists visible present as such but aren't programmatically determinable, due to the "troubleshooter" being a dynamic XML file.</p> <p>On Windows: The Terms of Use document has a visual list that isn't programmed as one. The TOU text is a legal document presented in many places (outside of the product) and if we were to change the coding from plain text, we might affect the meaning of the document.</p>
1.3.2 Meaningful Sequence (Level A)	Supports	Correct reading sequence for all content can be programmatically determined.
1.3.3 Sensory Characteristics (Level A)	Supports	Instructions do not rely solely on sensory characteristics.

Criteria	Conformance Level	Remarks and Explanations
<u>1.4.1 Use of Color</u> (Level A)	Supports	Color is not the only method for conveying information, indicating an action, prompting a response, or distinguishing a visual element.
<u>1.4.2 Audio Control</u> (Level A)	Not Applicable	Product does not contain audio content.
<u>2.1.1 Keyboard</u> (Level A)	Supports	All controls and content can be accessed and operated using only the keyboard.
<u>2.1.2 No Keyboard Trap</u> (Level A)	Supports	There are no keyboard traps in the product.
<u>2.1.4 Character Key Shortcuts</u> (Level A 2.1 and 2.2)	Supports	There are no single-character key shortcuts.
<u>2.2.1 Timing Adjustable</u> (Level A)	Not Applicable	There are no time limits set by the product's standard content.
<u>2.2.2 Pause, Stop, Hide</u> (Level A)	Not Applicable	The product contains no content of the types specified in this success criterion.
<u>2.3.1 Three Flashes or Below Threshold</u> (Level A)	Not Applicable	The product contains no content of the types specified in this success criterion.
<u>2.4.1 Bypass Blocks</u> (Level A)	Not Applicable	The product does not contain repeated blocks of content.
<u>2.4.2 Page Titled</u> (Level A)	Not Applicable	The product is a browser-based application and does not move between different URLs. All screens of the content do, however, have appropriate clear and distinct headings.
<u>2.4.3 Focus Order</u> (Level A)	Supports	The focus order preserves meaning and operability.
<u>2.4.4 Link Purpose (In Context)</u> (Level A)	Supports	Link purpose can be determined from the text alone or together with the programmatically determined context.
<u>2.5.1 Pointer Gestures</u> (Level A 2.1 and 2.2)	Not Applicable	The product does not contain functionality that requires multipoint or path-based gestures.
<u>2.5.2 Pointer Cancellation</u> (Level A 2.1 and 2.2)	Supports	The product meets the requirements laid out in this success criterion.
<u>2.5.3 Label in Name</u> (Level A 2.1 and 2.2)	Supports	All user interface components with labels that include text or images of text have accessible names that contain the visually presented text.
<u>2.5.4 Motion Actuation</u> (Level A 2.1 and 2.2)	Not Applicable	The product does not make use of device or user motion to operate the user interface.

Criteria	Conformance Level	Remarks and Explanations
3.1.1 Language of Page (Level A)	Supports	The default human language of the product can be programmatically determined.
3.2.1 On Focus (Level A)	Supports	No change of context is initiated when any user interface component receives focus.
3.2.2 On Input (Level A)	Supports	Changing the setting of user inputs does not cause a change of context.
3.2.6 Consistent Help (Level A 2.2 only)	Supports	Customer support/help options satisfy the requirements of this success criteria.
3.3.1 Error Identification (Level A)	Supports	Errors that are detected are identified and described in text.
3.3.2 Labels or Instructions (Level A)	Supports	The product provides labels and instructions for content that requires user input.
3.3.7 Redundant Entry (Level A 2.2 only)	Supports	Information previously entered by or provided to the user that is required to be entered again in the same process is either auto-populated or available for the user to select.
4.1.1 Parsing (Level A) WCAG 2.0 and 2.1 – Always answer ‘Supports’ WCAG 2.2 (obsolete and removed) – Does not apply	Supports	For WCAG 2.0 and 2.1, the September 2023 errata update indicates this criterion is always supported. See the WCAG 2.0 Editorial Errata and the WCAG 2.1 Editorial Errata .
4.1.2 Name, Role, Value (Level A)	Supports	All user interface components have appropriate programmatically determined names, roles, and values.

Table 2: Success Criteria, Level AA

Notes: The product has been evaluated separately on a Mac and on a Windows computer. There are slight differences between the product experience, depending on operating system, and those differences are called out in the table below if relevant to WCAG conformance.

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	The product does not contain live synchronized media.
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	The product does not contain synchronized media.

Criteria	Conformance Level	Remarks and Explanations
<u>1.3.4 Orientation</u> (Level AA 2.1 and 2.2)	Supports	The product does not restrict users to a specific orientation.
<u>1.3.5 Identify Input Purpose</u> (Level AA 2.1 and 2.2)	Supports	The purpose of all input fields can be programmatically determined.
<u>1.4.3 Contrast (Minimum)</u> (Level AA)	Supports	The product meets the minimum contrast levels required for text.
<u>1.4.4 Resize text</u> (Level AA)	Supports	The product gives users a way to resize text to 200% without loss of content or functionality.
<u>1.4.5 Images of Text</u> (Level AA)	Supports	All content that appears to be text meets this success criterion's requirements.
<u>1.4.10 Reflow</u> (Level AA 2.1 and 2.2)	Supports	The content can be reflowed according to the requirements without loss of content or functionality, or requiring scrolling in two dimensions.
<u>1.4.11 Non-text Contrast</u> (Level AA 2.1 and 2.2)	Supports	The product meets the minimum contrast levels required for user interface components, controls, and meaningful graphics or icons.
<u>1.4.12 Text Spacing</u> (Level AA 2.1 and 2.2)	Supports	There is no loss of content or functionality when text spacing is set to the specified levels.
<u>1.4.13 Content on Hover or Focus</u> (Level AA 2.1 and 2.2)	Not Applicable	There is no content of this kind in the product.
<u>2.4.5 Multiple Ways</u> (Level AA)	Not Applicable	All screens in the product are steps in a specific ordered process.
<u>2.4.6 Headings and Labels</u> (Level AA)	Supports	All headings and labels clearly describe the topic or purpose of their associated content and user interface components.
<u>2.4.7 Focus Visible</u> (Level AA)	Supports	Keyboard focus is visible on all focusable elements in the product.
<u>2.4.11 Focus Not Obscured (Minimum)</u> (Level AA 2.2 only)	Supports	When a user interface component receives keyboard focus, no part of the component is hidden by author-created content.
<u>2.5.7 Dragging Movements</u> (Level AA 2.2 only)	Supports	All functionality that uses a dragging movement for operation can be achieved by a single pointer without dragging, unless dragging is essential or

Criteria	Conformance Level	Remarks and Explanations
		the functionality is determined by the user agent and not modified by the author.
2.5.8 Target Size (Minimum) (Level AA 2.2 only)	Supports	The size of the target for pointer inputs across the product is at least 24 by 24 CSS pixels.
3.1.2 Language of Parts (Level AA)	Not Applicable	There is no content in a language other than the main language of the product.
3.2.3 Consistent Navigation (Level AA)	Supports	Navigational mechanisms are repeated in the same relative order each time they appear.
3.2.4 Consistent Identification (Level AA)	Supports	Components that have the same functionality are identified consistently.
3.3.3 Error Suggestion (Level AA)	Supports	Detected errors are identified and described in text.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Supports	Users are able to check and correct information they submit.
3.3.8 Accessible Authentication (Minimum) (Level AA 2.2 only)	Supports	A cognitive function test is not required for any step in an authentication process.
4.1.3 Status Messages (Level AA 2.1 and 2.2)	Supports	Status messages are communicated to assistive tech in such a way that the technology will automatically communicate those status changes to users.

Table 3: Success Criteria, Level AAA

Notes: Not evaluated.

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA)	Not Evaluated.	N/A
1.2.7 Extended Audio Description (Prerecorded) (Level AAA)	Not Evaluated.	N/A
1.2.8 Media Alternative (Prerecorded) (Level AAA)	Not Evaluated.	N/A
1.2.9 Audio-only (Live) (Level AAA)	Not Evaluated.	N/A
1.3.6 Identify Purpose (Level AAA 2.1 and 2.2)	Not Evaluated.	N/A
1.4.6 Contrast (Enhanced) (Level AAA)	Not Evaluated.	N/A

Criteria	Conformance Level	Remarks and Explanations
1.4.7 Low or No Background Audio (Level AAA)	Not Evaluated.	N/A
1.4.8 Visual Presentation (Level AAA)	Not Evaluated.	N/A
1.4.9 Images of Text (No Exception) (Level AAA)	Not Evaluated.	N/A
2.1.3 Keyboard (No Exception) (Level AAA)	Not Evaluated.	N/A
2.2.3 No Timing (Level AAA)	Not Evaluated.	N/A
2.2.4 Interruptions (Level AAA)	Not Evaluated.	N/A
2.2.5 Re-authenticating (Level AAA)	Not Evaluated.	N/A
2.2.6 Timeouts (Level AAA 2.1 and 2.2)	Not Evaluated.	N/A
2.3.2 Three Flashes (Level AAA)	Not Evaluated.	N/A
2.3.3 Animation from Interactions (Level AAA 2.1 and 2.2)	Not Evaluated.	N/A
2.4.8 Location (Level AAA)	Not Evaluated.	N/A
2.4.9 Link Purpose (Link Only) (Level AAA)	Not Evaluated.	N/A
2.4.10 Section Headings (Level AAA)	Not Evaluated.	N/A
2.4.12 Focus Not Obscured (Enhanced) (Level AAA 2.2 only)	Not Evaluated.	N/A
2.4.13 Focus Appearance (Level AAA 2.2 only)	Not Evaluated.	N/A
2.5.5 Target Size (Level AAA 2.1 and 2.2)	Not Evaluated.	N/A
2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 and 2.2)	Not Evaluated.	N/A
3.1.3 Unusual Words (Level AAA)	Not Evaluated.	N/A
3.1.4 Abbreviations (Level AAA)	Not Evaluated.	N/A
3.1.5 Reading Level (Level AAA)	Not Evaluated.	N/A
3.1.6 Pronunciation (Level AAA)	Not Evaluated.	N/A
3.2.5 Change on Request (Level AAA)	Not Evaluated.	N/A
3.3.5 Help (Level AAA)	Not Evaluated.	N/A
3.3.6 Error Prevention (All) (Level AAA)	Not Evaluated.	N/A
3.3.9 Accessible Authentication (Enhanced) (Level AAA 2.2 only)	Not Evaluated.	N/A

Legal Disclaimer (Respondus)

This information is true and correct to the best of our knowledge as of the date printed at the beginning of this document. It is supplied for customer evaluation purposes only and is subject to change without notice. The contents of this document do not constitute legal advice, representation, warranty or guarantee regarding the ability to comply with applicable accessibility requirements. Such a determination is the sole responsibility of the licensing customer and its users. However, if you notice any issues, please report these to accessibility@respondus.com so they can be addressed.