

Kubios Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.5)

Name of Product/Version: Kubios HRV software products including

- Kubios HRV Scientific (closed computer software)
- Kubios HRV Team Readiness (closed computer software)
- Kubios HRV mobile app (closed mobile application)

Report Date: Jan 10, 2025

Product Description: Heart rate variability (HRV) analysis software

Contact Information: sales@kubios.com

Evaluation Methods Used: Visual evaluation and functional tests

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 (Yes)
Web Content Accessibility Guidelines 2.1	Level A (Yes)

Standard/Guideline	Included In Report
	Level AA (Yes) Level AAA (Yes)
Web Content Accessibility Guidelines 2.2	Level A (Yes) Level AA (Yes) Level AAA (Yes)

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.x Report

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Partially Supports	Icons and buttons include tooltips
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	Software does not include audio or video content
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	
1.3.1 Info and Relationships (Level A)	Not Applicable	Same content for all software users
1.3.2 Meaningful Sequence (Level A)	Not Applicable	
1.3.3 Sensory Characteristics (Level A)	Not Applicable	
1.4.1 Use of Color (Level A)	Partially Supports	Mouse hovers and uicontrols used to distinguish actionable parts
1.4.2 Audio Control (Level A)	Not Applicable	Software does not include audio
2.1.1 Keyboard (Level A)	Partially Supports	Some operations require use of a mouse
2.1.2 No Keyboard Trap (Level A)	Supports	Focus can be changed with Tab
2.1.4 Character Key Shortcuts (Level A 2.1 and 2.2)	Supports	
2.2.1 Timing Adjustable (Level A)	Partially Supports	All meaningful texts are static
2.2.2 Pause, Stop, Hide (Level A)	Partially Supports	Waitbars may sometimes be shorter than 5 seconds
2.3.1 Three Flashes or Below Threshold (Level A)	Not Applicable	No flashing content
2.4.1 Bypass Blocks (Level A)	Not Applicable	No repeated blocks
2.4.2 Page Titled (Level A)	Partially Supports	Reports are structured with titles
2.4.3 Focus Order (Level A)	Not Applicable	
2.4.4 Link Purpose (In Context) (Level A)	Supports	Weblinks are self-descriptive
2.5.1 Pointer Gestures (Level A 2.1 and 2.2)	Supports	No path-based gestures
2.5.2 Pointer Cancellation (Level A 2.1 and 2.2)	Supports	
2.5.3 Label in Name (Level A 2.1 and 2.2)	Partially Supports	Toolbar button don't include text label
2.5.4 Motion Actuation (Level A 2.1 and 2.2)	Not Applicable	
3.1.1 Language of Page (Level A)	Partially Supports	Localization support is limited to most common

Criteria	Conformance Level	Remarks and Explanations
		languages. In Kubios HRV Scientific, only reports are localized. Kubios HRV mobile app is available only in English language.
3.2.1 On Focus (Level A)	Supports	
3.2.2 On Input (Level A)	Supports	
3.2.6 Consistent Help (Level A 2.2 only)	Supports	
3.3.1 Error Identification (Level A)	Partially Supports	Most common error cases are described to the user. Error logging is available for more challenging support cases.
3.3.2 Labels or Instructions (Level A)	Supports	
3.3.7 Redundant Entry (Level A 2.2 only)	Partially Supports	Most use entries are stored in preferences and remembered.
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	Standard user interface components used.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	Software does not include live audio
1.2.5 Audio Description (Prerecorded) (Level AA)	Supports	Tutorial videos available and include content description
1.3.4 Orientation (Level AA 2.1 and 2.2)	Partially Supports	Desktop user interfaces are mainly designed for standard widescreen monitors, but can be resized for various screen sizes.
1.3.5 Identify Input Purpose (Level AA 2.1 and 2.2)	Supports	All input fields have descriptions
1.4.3 Contrast (Minimum) (Level AA)	Partially Supports	

Criteria	Conformance Level	Remarks and Explanations
1.4.4 Resize text (Level AA)	Partially Supports	User interface texts can be resized by changing screen scaling
1.4.5 Images of Text (Level AA)	Supports	Images of text are used only on logo and brand marks
1.4.10 Reflow (Level AA 2.1 and 2.2)	Does Not Support	Minimum recommended screen resolution is 1024 x 768 pixels
1.4.11 Non-text Contrast (Level AA 2.1 and 2.2)	Partially Supports	
1.4.12 Text Spacing (Level AA 2.1 and 2.2)	Partially Supports	
1.4.13 Content on Hover or Focus (Level AA 2.1 and 2.2)	Supports	
2.4.5 Multiple Ways (Level AA)	Supports	
2.4.6 Headings and Labels (Level AA)	Supports	
2.4.7 Focus Visible (Level AA)	Supports	
2.4.11 Focus Not Obscured (Minimum) (Level AA 2.2 only)	Supports	
2.5.7 Dragging Movements (Level AA 2.2 only)	Partially Supports	Some functionalities rely on dragging with mouse
2.5.8 Target Size (Minimum) (Level AA 2.2 only)	Partially Supports	
3.1.2 Language of Parts (Level AA)	Does Not Support	Standalone application where text is mostly not assessable programmatically
3.2.3 Consistent Navigation (Level AA)	Supported	
3.2.4 Consistent Identification (Level AA)	Supported	
3.3.3 Error Suggestion (Level AA)	Partially Supported	Not all input fields provide feedback for user input errors
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	
3.3.8 Accessible Authentication (Minimum) (Level AA 2.2 only)	Partially Supports	Software required login with username and password in first run, but login information can be stored to makes logins effortless in next runs.
4.1.3 Status Messages (Level AA 2.1 and 2.2)	Partially Supports	New features are changes in functionality are described in release notes.

Table 3: Success Criteria, Level AAA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA)	Not Applicable	Software does not include audio
1.2.7 Extended Audio Description (Prerecorded) (Level AAA)	Partially Supports	Tutorial videos include key information as text
1.2.8 Media Alternative (Prerecorded) (Level AAA)	Partially Supports	Tutorial videos include key information as text
1.2.9 Audio-only (Live) (Level AAA)	Not Applicable	No live audio
1.3.6 Identify Purpose (Level AAA 2.1 and 2.2)	Does Not Support	
1.4.6 Contrast (Enhanced) (Level AAA)	Does Not Support	
1.4.7 Low or No Background Audio (Level AAA)	Not Applicable	Software does not include audio-only content
1.4.8 Visual Presentation (Level AAA)	Does Not Support	
1.4.9 Images of Text (No Exception) (Level AAA)	Supported	
2.1.3 Keyboard (No Exception) (Level AAA)	Does Not Support	Some functionalities require a mouse or pointing device
2.2.3 No Timing (Level AAA)	Supported	No time limits in using the software
2.2.4 Interruptions (Level AAA)	Partially Supported	User may be interrupted in case session cannot be renewed due to poor internet connection
2.2.5 Re-authenticating (Level AAA)	Partially Supported	In case session cannot be renewed, user is warned about it and they can store the data in time.
2.2.6 Timeouts (Level AAA 2.1 and 2.2)	Supported	No timeouts
2.3.2 Three Flashes (Level AAA)	Supported	No flashing content
2.3.3 Animation from Interactions (Level AAA 2.1 and 2.2)	Supported	No motion animations
2.4.8 Location (Level AAA)	Partially Supports	Location is mostly indicated by highlighting the active module
2.4.9 Link Purpose (Link Only) (Level AAA)	Partially Supports	Descriptive names for most links
2.4.10 Section Headings (Level AAA)	Supported	Section headings are used to organize content
2.4.12 Focus Not Obscured (Enhanced) (Level AAA 2.2 only)	Supported	
2.4.13 Focus Appearance (Level AAA 2.2 only)	Supported	
2.5.5 Target Size (Level AAA 2.1 and 2.2)	Does Not Support	Many of the clickable parts are smaller than 44x44 pixels

Criteria	Conformance Level	Remarks and Explanations
2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 and 2.2)	Supported	
3.1.3 Unusual Words (Level AAA)	Does Not Support	
3.1.4 Abbreviations (Level AAA)	Does Not Support	
3.1.5 Reading Level (Level AAA)	Does Not Support	
3.1.6 Pronunciation (Level AAA)	Does Not Support	
3.2.5 Change on Request (Level AAA)	Supported	Software updates are not run automatically
3.3.5 Help (Level AAA)	Partially Supports	Descriptive texts and tooltips to help users
3.3.6 Error Prevention (All) (Level AAA)	Partially Supports	Most input fields include user entry validation. Software settings can be returned to factory settings when necessary.
3.3.9 Accessible Authentication (Enhanced) (Level AAA 2.2 only)	Partially Supports	Software required login with username and password in first run, but login information can be stored to makes logins effortless in next runs. "Forgot password" mechanism is available.

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