

KaleidaGraph Accessibility Conformance Report

Revised Section 508 Edition

VPAT® Version 2.3 (Revised) – April 2019

Name of Product/Version: KaleidaGraph v4.5.4

Product Description: KaleidaGraph is a thoughtfully designed graphing and data analysis application for Mac and Windows. It produces publication-quality graphs, and easily converts the most complex data into a functional display.

Report Date: July 2019

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Notes:

Evaluation Methods Used: General Product Knowledge

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)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(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 be used only in WCAG 2.0 Level AAA.

WCAG 2.0 Report

Tables 1 and 2 also document conformance with:

- Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing
- Chapter 6 – 602.3 Electronic Support Documentation

Note: When reporting on conformance with the WCAG 2.0 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
<p><u>1.1.1 Non-text Content</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Does not Support	
<p><u>1.2.1 Audio-only and Video-only (Prerecorded)</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	Software: KaleidaGraph does not provide prerecorded audio-only or video-only content.
<p><u>1.2.2 Captions (Prerecorded)</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	Software: KaleidaGraph does not provide prerecorded media that requires captions.
<p><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	Software: KaleidaGraph does not provide prerecorded media that requires audio description.
<p><u>1.3.1 Info and Relationships</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Partially Supports	Software: KaleidaGraph commands and menus have been implemented using standard UI objects, so they inherit accessibility properties implemented in their OS. However, not all areas are exposed to assistive technologies.

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.3.2 Meaningful Sequence</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	Software: KaleidaGraph presents content in a meaningful sequence.
<p><u>1.3.3 Sensory Characteristics</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	Software: KaleidaGraph doesn't use visual cues such as shape, size or physical location in its instructions to provide context.
<p><u>1.4.1 Use of Color</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	Software: KaleidaGraph doesn't solely use color to convey information.
<p><u>1.4.2 Audio Control</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	Software: KaleidaGraph does not include audio that plays automatically.
<p><u>2.1.1 Keyboard</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Partially Supports	Software: Most commands are accessible via customizable keyboard shortcuts.
<p><u>2.1.2 No Keyboard Trap</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) 	Software: Supports	Software: KaleidaGraph is fully operable through keyboard. There's no keyboard trap.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		
<p><u>2.2.1 Timing Adjustable</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	Software: KaleidaGraph is not time-dependent.
<p><u>2.2.2 Pause, Stop, Hide</u> (Level A)</p> <p>Also applies to:</p> <ul style="list-style-type: none"> • <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	Software: KaleidaGraph doesn't use any moving, blinking or scrolling information that starts automatically.
<p><u>2.3.1 Three Flashes or Below Threshold</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	Software: KaleidaGraph does not flash.
<p><u>2.4.1 Bypass Blocks</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs 	Software: Not Applicable	
<p><u>2.4.2 Page Titled</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	Software: KaleidaGraph dialogs contain descriptive titles.

Criteria	Conformance Level	Remarks and Explanations
<p><u>2.4.3 Focus Order</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	Software: KaleidaGraph components receive focus in a meaningful order.
<p><u>2.4.4 Link Purpose (In Context)</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	Software: For every link, a link text that describes its purpose is provided.
<p><u>3.1.1 Language of Page</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	Software: KaleidaGraph relies on the features of the underlying operating system to set and indicate the language of the user interface.
<p><u>3.2.1 On Focus</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	Software: Changes of context triggered by changes in focus don't apply to content generated by KaleidaGraph.
<p><u>3.2.2 On Input</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	Software: When a user changes a setting in KaleidaGraph UI or inputs a value, it only causes predictable changes of context.
<p><u>3.3.1 Error Identification</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) 	Software: Supports	Software: When KaleidaGraph identifies an input error, it is notified to the user through dialog boxes.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 504.2 (Authoring Tool) 602.3 (Support Docs) 		
<u>3.3.2 Labels or Instructions</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Software: Supports	Software: Labels are provided for input fields.
<u>4.1.1 Parsing</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Software: Supports	Software: KaleidaGraph is not implemented using markup languages.
<u>4.1.2 Name, Role, Value</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Software: Partially Supports	Software: KaleidaGraph's interface presents name, role and value information for most controls.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
<u>1.2.4 Captions (Live)</u> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Software: Supports	Software: KaleidaGraph doesn't have any control for volume adjustment.
<u>1.2.5 Audio Description (Prerecorded)</u> (Level AA) Also applies to:	Software: Supports	Software: KaleidaGraph doesn't have any controls related to audio descriptions.

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		
<u>1.4.3 Contrast (Minimum)</u> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	Software: Text within KaleidaGraph meets contrast requirements.
<u>1.4.4 Resize text</u> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Partially Supports	Software: Most text within KaleidaGraph can be resized without assistive technology.
<u>1.4.5 Images of Text</u> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	Software: KaleidaGraph doesn't use images of text in its UI.
<u>2.4.5 Multiple Ways</u> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs 	Software: Not Applicable	
<u>2.4.6 Headings and Labels</u> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) 	Software: Supports	Software: Headings and labels used in KaleidaGraph are descriptive for the content or issues they are associated with.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) 		
<p><u>2.4.7 Focus Visible</u> (Level AA) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Software: Supports	Software: All focus indicators in KaleidaGraph are highly visible and distinguishable.
<p><u>3.1.2 Language of Parts</u> (Level AA) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Software: Supports	Software: Content is only presented in one language at a time.
<p><u>3.2.3 Consistent Navigation</u> (Level AA) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs 	Software: Not Applicable	
<p><u>3.2.4 Consistent Identification</u> (Level AA) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs 	Software: Not Applicable	
<p><u>3.3.3 Error Suggestion</u> (Level AA) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Software: Supports	Software: KaleidaGraph does not present input scenarios where suggestions for error correction are known.

Criteria	Conformance Level	Remarks and Explanations
<p><u>3.3.4 Error Prevention (Legal, Financial, Data)</u> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Software: Supports</p>	<p>Software: KaleidaGraph doesn't work with content that causes legal commitments or financial transactions.</p>

Table 3: Success Criteria, Level AAA

Notes: KaleidaGraph is a desktop software application. This table does not apply.

Revised Section 508 Report

Notes:

Chapter 3: [Functional Performance Criteria \(FPC\)](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Partially supports	Some of the program is operable without vision; however, some controls lack a screen reader accessible name and description.
302.2 With Limited Vision	Supports	KaleidaGraph supports limited vision accessibility features: magnifier, color contrast filters, high contrast mode...
302.3 Without Perception of Color	Supports	KaleidaGraph does not use color alone to convey information.
302.4 Without Hearing	Supports	KaleidaGraph does not require user hearing.
302.5 With Limited Hearing	Supports	KaleidaGraph does not require user hearing.
302.6 Without Speech	Supports	KaleidaGraph does not require user speech.
302.7 With Limited Manipulation	Partially Supports	Most commands are accessible via customizable keyboard shortcuts and do not require fine motor control or simultaneous manual operations.
302.8 With Limited Reach and Strength	Supports	KaleidaGraph is fully operable by people with limited reach and limited strength.
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	KaleidaGraph is fully operable by people with limited language, cognitive or learning abilities.

Chapter 4: [Hardware](#)

Notes: KaleidaGraph is a desktop software application. This chapter does not apply.

Chapter 5: [Software](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.0 section	See information in WCAG 2.0 section
<i>502 Interoperability with Assistive Technology</i>	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Not Applicable	KaleidaGraph is not platform software.
502.2.2 No Disruption of Accessibility Features	Supports	KaleidaGraph does not disrupt platform features that are defined in the platform documentation as accessibility features.
<i>502.3 Accessibility Services</i>	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Partially Supports	As noted in 1.3.1 and 4.1.2, some object information is not exposed programmatically.
502.3.2 Modification of Object Information	Partially Supports	As noted in 1.3.1 and 4.1.2, some object information is not exposed programmatically.
502.3.3 Row, Column, and Headers	Does Not Support	KaleidaGraph does not communicate information about the headers and cells programmatically in a way that can be used by assistive technology.
502.3.4 Values	Supports	Values of controls are exposed programmatically to assistive technology.
502.3.5 Modification of Values	Supports	Values of controls can be set programmatically.
502.3.6 Label Relationships	Supports	Any object in command dialogs has labels that identify it and its purpose.
502.3.7 Hierarchical Relationships	Supports	KaleidaGraph allows users to understand how to navigate through and interact with the user interface controls and its child components.

Criteria	Conformance Level	Remarks and Explanations
502.3.8 Text	Partially Supports	KaleidaGraph menus and commands are compatible with screen readers. However, some areas are not compatible with screen readers.
502.3.9 Modification of Text	Partially Supports	KaleidaGraph menus and commands are compatible with screen readers. However, some areas are not compatible with screen readers.
502.3.10 List of Actions	Does Not Support	The list of executable actions offered by drop down list or similar user object components aren't exposed to assistive technology.
502.3.11 Actions on Objects	Supports	KaleidaGraph is fully operable through keyboard.
502.3.12 Focus Cursor	Does Not Support	KaleidaGraph does not provide programmatic access to track focus.
502.3.13 Modification of Focus Cursor	Does Not Support	KaleidaGraph does not provide programmatic access to track focus.
502.3.14 Event Notification	Supports	All events in KaleidaGraph are triggered by the user. No need to notify them.
502.4 Platform Accessibility Features	Not Applicable	KaleidaGraph is not platform software.
<u>503 Applications</u>	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Partially Supports	KaleidaGraph permits user preferences from platform settings for some settings; however, some portions of the user interface do not follow these settings.
503.3 Alternative User Interfaces	Supports	KaleidaGraph doesn't offer any alternative user interface.
503.4 User Controls for Captions and Audio Description	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Not Applicable	KaleidaGraph does not provide controls for volume adjustment.

Criteria	Conformance Level	Remarks and Explanations
503.4.2 Audio Description Controls	Not Applicable	KaleidaGraph does not provide controls for audio descriptions.
<u>504 Authoring Tools</u>	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”)	See WCAG 2.0 section	See information in WCAG 2.0 section
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Does Not Support	Exported images do not contain accessible information.
504.2.2 PDF Export	Does Not Support	PDF equation images do not contain accessibility information.
504.3 Prompts	Does Not Support	KaleidaGraph does not prompt authors to add alternative text to images.
504.4 Templates	Not Applicable	KaleidaGraph does not provide template files.

Chapter 6: [Support Documentation and Services](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
<i>601.1 Scope</i>	Heading cell – no response required	Heading cell – no response required
<u>602 Support Documentation</u>	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Does Not Support	
602.3 Electronic Support Documentation	See WCAG 2.0 section	See information in WCAG 2.0 section
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	PDF manual is installed with the software.
<u>603 Support Services</u>	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	Technical Support offers support for any kind of need related to the product, accessibility features included.
603.3 Accommodation of Communication Needs	Supports	Communication with Technical Support is by phone or e-mail.

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