

# Vernier Software & Technology

## Accessibility Conformance Report

Revised Section 508 Edition – VPAT® Version 2.4

**Name of Product/Version:** Logger *Pro*® 3 computer software, version 3.16

**Product Description:** Computer data collection and analysis software for use with Vernier sensors.

**Report Date:** June 15, 2020

**Contact Information:** [support@vernier.com](mailto:support@vernier.com)

**Notes:** For blind and limited-vision users, we recommend the [Talking Logger Pro](#) available from Independence Science. Windows® computers with a JAWS® screen reader utilize JAWS scripts to provide voice navigation and non-visual access when using Logger *Pro* 3. While any Windows® installation of Logger *Pro* 3 (version 3.15 or newer) can use the JAWS scripts, the scripts are only sold by Independence Science.

For more information, contact Independence Science at 1-866-862-9665 or visit their web site <http://independencescience.com>.

**Evaluation Methods Used:** Testing is based on general product knowledge.

## Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline
<a href="#">Web Content Accessibility Guidelines 2.0</a> for levels A and AA
<a href="#">Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018</a>

## 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.

## WCAG 2.0 Report

This information also documents conformance with the following:

- 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-Supports ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

## Success Criteria, Levels A and AA

Notes: This entry is for software and Supports documents. Logger *Pro* 3 is not a Web or Authoring tool.

Criteria	Conformance Level	Remarks and Explanations
<b><u>1.1.1 Non-text Content</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports  Software: Supports	Using <a href="#">Talking Logger Pro</a> available from Independence Science. Graphs are made readable through screen readers by voicing coordinates of data point as you cursor over features of plotted data.
<b><u>1.2.1 Audio-only and Video-only (Prerecorded)</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Not Applicable  Software: Does Not Support	Electronic Docs: Help documents do not include audio-only or video-only content.  Software: Generally, the software does not depend on prerecorded videos to function. Pre-recorded videos are include for our video analysis feature, which cannot be done without the ability to visually exam the video.
<b><u>1.2.2 Captions (Prerecorded)</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Not Applicable  Software: Not Applicable	There is no prerecorded audio content used in the software or user documentation of Logger <i>Pro</i> 3.
<b><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Not Applicable  Software: Not Applicable	There is no prerecorded audio content used in the software or user documentation of Logger <i>Pro</i> 3.
<b><u>1.2.4 Captions (Live)</u></b> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Not Applicable  Software: Not Applicable	There is no live audio content or synchronized media used in the software or user documentation of Logger <i>Pro</i> 3.

Criteria	Conformance Level	Remarks and Explanations
<b><u>1.2.5 Audio Description (Prerecorded)</u></b> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Not Applicable  Software: Does Not Support	Electronic Docs: User documentation does not include pre-recorded video content.  Software: Pre-recorded videos synced with graphs are include for video analysis; however descriptions of the video are not included as video analysis requires you to visually examine the video.
<b><u>1.3.1 Info and Relationships</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports  Software: Supports	Using <a href="#">Talking Logger Pro</a> available from Independence Science.
<b><u>1.3.2 Meaningful Sequence</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports  Software: Supports	Using <a href="#">Talking Logger Pro</a> available from Independence Science.
<b><u>1.3.3 Sensory Characteristics</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports  Software: Supports	Using <a href="#">Talking Logger Pro</a> available from Independence Science.
<b><u>1.4.1 Use of Color</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports  Software: Supports	Logger <i>Pro</i> 3 uses several methods of information presentation, not just color.
<b><u>1.4.2 Audio Control</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Not Applicable  Software: Supports	Software: Audio accessibility features can be activated to support low-vision users. While the sound level cannot be adjusted independent of the system sound, the duration the sound is played can be set to less than 3 seconds.

Criteria	Conformance Level	Remarks and Explanations
<b><u>1.4.3 Contrast (Minimum)</u></b> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports Software: Supports	Logger <i>Pro</i> 3 adheres to the contrast rule by default. Users can modify text and background color to adjust contrast as needed.
<b><u>1.4.4 Resize text</u></b> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports Software: Supports	Logger <i>Pro</i> 3 allows resizing of text.
<b><u>1.4.5 Images of Text</u></b> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports Software: Supports	Logger <i>Pro</i> 3 does not use images of text in its display.
<b><u>2.1.1 Keyboard</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports Software: Supports	Logger <i>Pro</i> 3 supports standard keyboard shortcuts and navigation.
<b><u>2.1.2 No Keyboard Trap</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports Software: Supports	Logger <i>Pro</i> 3 does not contain any known keyboard traps within the software.
<b><u>2.2.1 Timing Adjustable</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Not Applicable Software: Supports	Logger <i>Pro</i> 3 supports user setting of data collection duration. Data Collection is the only time-adjustable action. User can extend active data collection using a simple keyboard action (CTL + T) as often as needed.

Criteria	Conformance Level	Remarks and Explanations
<b><u>2.2.2 Pause, Stop, Hide</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Not Applicable  Software: Supports	Logger <i>Pro</i> 3 only has automatic updates of information during data collection. The rate of updates is controlled through user settings and must be applied prior to initiating data collection.
<b><u>2.3.1 Three Flashes or Below Threshold</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports  Software: Supports	Logger <i>Pro</i> 3 does not use flashing to convey user information.
<b><u>2.4.1 Bypass Blocks</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software) – Does not apply to non-web software</li> <li>602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>	Electronic Docs: Supports  Software: Not Applicable	Logger <i>Pro</i> 3 user documentation does not knowingly use repeated blocks of content.
<b><u>2.4.2 Page Titled</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports  Software: Supports	Logger <i>Pro</i> 3 user documentation pages are titled. Logger <i>Pro</i> 3 supports multiple page documents; however, the default is to have a single page. Additional pages must be created by the user. At the time of the page creation, the user can name and add a page description as needed.
<b><u>2.4.3 Focus Order</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports  Software: Partially Supports	Logger <i>Pro</i> 3 may have some focus order sequences that are order dependent where the focus chain order may cause confusion.
<b><u>2.4.4 Link Purpose (In Context)</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports  Software: Not Applicable	Logger <i>Pro</i> 3 user documentation page links use readable link text. Logger <i>Pro</i> 3 software does not utilize links.

Criteria	Conformance Level	Remarks and Explanations
<a href="#">2.4.5 Multiple Ways</a> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software) – Does not apply to non-web software</li> <li>602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>	Electronic Docs: Not Applicable  Software: Not Applicable	Logger <i>Pro</i> 3 is not web-based software and user documentation is not web-based content.
<a href="#">2.4.6 Headings and Labels</a> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports  Software: Supports	Logger <i>Pro</i> 3 uses descriptive heading labels when used in the software.
<a href="#">2.4.7 Focus Visible</a> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports  Software: Supports	Logger <i>Pro</i> 3 uses visual indicators to represent which section of the software has focus.
<a href="#">3.1.1 Language of Page</a> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Does Not Support  Software: Supports	Logger <i>Pro</i> 3 user documents are always in English. Because of this, the language has not been programmatically set.  Logger <i>Pro</i> 3 programmatically uses the default language of the operating system of the computer.
<a href="#">3.1.2 Language of Parts</a> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Does Not Support  Software: Supports	The language of the Logger <i>Pro</i> 3 user documents cannot be determined programmatically. They are always in English.  Logger <i>Pro</i> 3 uses a single language throughout the help documentation and software. Only user input of information can be in some other language.
<a href="#">3.2.1 On Focus</a> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports  Software: Supports	Logger <i>Pro</i> 3 does not change the context of an object when it receives focus in the software or in the user documentation.

Criteria	Conformance Level	Remarks and Explanations
<b><u>3.2.2 On Input</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports  Software: Supports	Logger <i>Pro</i> 3 does not automatically change the context of a user interface component when a setting within the user interface component is changed.
<b><u>3.2.3 Consistent Navigation</u></b> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software) – Does not apply to non-web software</li> <li>602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>	Electronic Docs: Not Applicable  Software: Not Applicable	Logger <i>Pro</i> 3 is not web-based software and user documentation is not web-based content.
<b><u>3.2.4 Consistent Identification</u></b> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software) – Does not apply to non-web software</li> <li>602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>	Electronic Docs: Not Applicable  Software: Not Applicable	Logger <i>Pro</i> 3 is not web-based software and user documentation is not web-based content.
<b><u>3.3.1 Error Identification</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports  Software: Supports	Logger <i>Pro</i> 3 identifies error conditions and the error is described in text.
<b><u>3.3.2 Labels or Instructions</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports  Software: Supports	Logger <i>Pro</i> 3 includes labels on all user input fields.
<b><u>3.3.3 Error Suggestion</u></b> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports  Software: Supports	Logger <i>Pro</i> 3 provides error information whenever an error condition is automatically detected and suggested corrections are known.



Criteria	Conformance Level	Remarks and Explanations
<b><u>3.3.4 Error Prevention (Legal, Financial, Data)</u></b> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports  Software: Supports	Logger <i>Pro</i> 3 does not interact with any systems or web pages that would have a user make a legal commitment or financial transaction of any kind. Logger <i>Pro</i> 3 does not link to user-controllable data in any data base.
<b><u>4.1.1 Parsing</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports  Software: Supports	Logger <i>Pro</i> 3 follows all rules involving parsing of content provided using markup languages.
<b><u>4.1.2 Name, Role, Value</u></b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Software)</li> <li>602.3 (Support Docs)</li> </ul>	Electronic Docs: Supports  Software: Supports	Logger <i>Pro</i> 3 adheres to name and role guidelines for all UI elements and notification of changes to these items are available to assistive technologies.

# Revised Section 508 Report

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

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Supports	With <a href="#">Talking Logger Pro</a> utilizing JAWS® scripts available from Independence Science.
302.2 With Limited Vision	Supports	With <a href="#">Talking Logger Pro</a> utilizing JAWS® scripts available from Independence Science.
302.3 Without Perception of Color	Supports	Features in Logger Pro 3 that utilize color have alternative options for identification.
302.4 Without Hearing	Supports	Perception of sound is not required for using <i>Logger Pro 3</i> .
302.5 With Limited Hearing	Supports	Perception of sound is not required for using <i>Logger Pro 3</i> .
302.6 Without Speech	Supports	Speech is not used for input with <i>Logger Pro 3</i> .
302.7 With Limited Manipulation	Supports	<i>Logger Pro 3</i> is operable with a keyboard that supports operation with users having limited fine-motor skills.
302.8 With Limited Reach and Strength	Supports	Reach and Strength not required when using <i>Logger Pro 3</i> .
302.9 With Limited Language, Cognitive, and Learning Abilities	Partially Supports	<i>Logger Pro 3</i> can be used by K-5 level students with general support from an instructor.

## Chapter 4: [Hardware](#)

Notes: *Logger Pro* is computer software. Hardware standards do not apply to this product.

## Chapter 5: [Software](#)

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See <a href="#">WCAG 2.0</a> section	See information in WCAG 2.0 section
<b><a href="#">502 Interoperability with Assistive Technology</a></b>		
502.2.1 User Control of Accessibility Features	Supports	Logger <i>Pro</i> 3 accessibility features are user configurable.
502.2.2 No Disruption of Accessibility Features	Supports	Logger <i>Pro</i> 3 does not disrupt platform features designated accessibility features.
<b><i>502.3 Accessibility Services</i></b>		
502.3.1 Object Information	Supports	With <a href="#">Talking Logger Pro</a> utilizing JAWS® scripts available from Independence Science.
502.3.2 Modification of Object Information	Supports	With <a href="#">Talking Logger Pro</a> utilizing JAWS® scripts available from Independence Science.
502.3.3 Row, Column, and Headers	Supports	With <a href="#">Talking Logger Pro</a> utilizing JAWS® scripts available from Independence Science.
502.3.4 Values	Supports	With <a href="#">Talking Logger Pro</a> utilizing JAWS® scripts available from Independence Science.
502.3.5 Modification of Values	Supports	With <a href="#">Talking Logger Pro</a> utilizing JAWS® scripts available from Independence Science.
502.3.6 Label Relationships	Supports	With <a href="#">Talking Logger Pro</a> utilizing JAWS® scripts available from Independence Science.
502.3.7 Hierarchical Relationships	Supports	With <a href="#">Talking Logger Pro</a> utilizing JAWS® scripts available from Independence Science.
502.3.8 Text	Supports	With <a href="#">Talking Logger Pro</a> utilizing JAWS® scripts available from Independence Science.
502.3.9 Modification of Text	Supports	With <a href="#">Talking Logger Pro</a> utilizing JAWS® scripts available from Independence Science.
502.3.10 List of Actions	Supports	With <a href="#">Talking Logger Pro</a> utilizing JAWS® scripts available from Independence Science.

Criteria	Conformance Level	Remarks and Explanations
502.3.11 Actions on Objects	Supports	With <a href="#">Talking Logger Pro</a> utilizing JAWS® scripts available from Independence Science.
502.3.12 Focus Cursor	Supports	With <a href="#">Talking Logger Pro</a> utilizing JAWS® scripts available from Independence Science.
502.3.13 Modification of Focus Cursor	Supports	With <a href="#">Talking Logger Pro</a> utilizing JAWS® scripts available from Independence Science.
502.3.14 Event Notification	Supports	With <a href="#">Talking Logger Pro</a> utilizing JAWS® scripts available from Independence Science.
502.4 Platform Accessibility Features	Supports	With <a href="#">Talking Logger Pro</a> utilizing JAWS® scripts available from Independence Science.
<a href="#">503 Applications</a>		
503.2 User Preferences	Does Not Support	User preference changes are made in the app only and are not changed through changes to the platform settings.
503.3 Alternative User Interfaces	Not Applicable	Logger Pro 3 does not use alternative user interfaces.
<b>503.4 User Controls for Captions and Audio Description</b>		
503.4.1 Caption Controls	Not Applicable	Logger Pro 3 does not display videos with synchronized audio.
503.4.2 Audio Description Controls	Not Applicable	Logger Pro 3 does not provide audio description user controls.
<a href="#">504 Authoring Tools</a>	Not Applicable	Logger Pro 3 is not an authoring tool.

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

**Notes:** Support documentation and services for the [Talking Logger Pro](#) is available from Independence Science. For more information, contact Independence Science at 1-866-862-9665 or visit their web site <http://independencescience.com>.

Criteria	Conformance Level	Remarks and Explanations
<b>601.1 Scope</b>		
<b><a href="#">602 Support Documentation</a></b>		
602.2 Accessibility and Compatibility Features	Supports	Support documentation for the <a href="#">Talking Logger Pro</a> is available from Independence Science.
602.3 Electronic Support Documentation	See <a href="#">WCAG 2.0</a> section	See information in WCAG 2.0 section
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	Support documentation is provided in electronic format.
<b><a href="#">603 Support Services</a></b>		
603.2 Information on Accessibility and Compatibility Features	Supports	Support services for the <a href="#">Talking Logger Pro</a> are available from Independence Science.
603.3 Accommodation of Communication Needs	Supports	Support services for the <a href="#">Talking Logger Pro</a> are available from Independence Science.