

# National Instruments Accessibility Conformance Report

## Revised Section 508 Edition

VPAT® Version 2.3 (Revised) – April 2019

**Name of Product/Version: LabWindows/CVI**

**Product Description: LabWindows/CVI is an ANSI C software development environment with a comprehensive set of programming tools for creating test and measurement applications.**

**Report Date: April 2020**

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**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	Included In Report
<a href="#">Web Content Accessibility Guidelines 2.0</a>	Level A (Yes) Level AA (Yes) Level AAA (No)
<a href="#">Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018</a>	(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](#).

## Revised Section 508 Report

Notes:

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

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Does Not Support	
302.2 With Limited Vision	Does Not Support	
302.3 Without Perception of Color	Partially Supports	The source code editor used for text-based programming in LabWindows/CVI uses colors for highlighting semantic information. Some UI controls in the environment, as well as the Runtime libraries, leverage colors for indicating various states or values.
302.4 Without Hearing	Supports	LabWindows/CVI doesn't output operation results or

Criteria	Conformance Level	Remarks and Explanations
		instructions in spoken language. Pop-up dialogs can emit sound if the OS sound scheme permits, but the significance of these sounds is non-essential.
302.5 With Limited Hearing	Supports	
302.6 Without Speech	Supports	LabWindows/CVI doesn't require users to provide instructions in the form of spoken language or sounds.
302.7 With Limited Manipulation	Does Not Support	Operating the LabWindows/CVI environment, creating text-based programs, and usage of the UI controls in the Runtime library requires keyboard input or pointer device input.
302.8 With Limited Reach and Strength	Supports	Operating the LabWindows/CVI environment, creating text-based programs, and usage of the UI controls in the Runtime library requires keyboard input or pointer device input.
302.9 With Limited Language, Cognitive, and Learning Abilities	Does Not Support	

## Chapter 5: [Software](#)

Notes:

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>	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Supports	
502.2.2 No Disruption of Accessibility Features	Supports	
<b>502.3 Accessibility Services</b>	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Does Not Support	LabWindows/CVI does not provide services specifically for addressing accessibility.
502.3.2 Modification of Object Information	Does Not Support	LabWindows/CVI does not provide services specifically for addressing accessibility.
502.3.3 Row, Column, and Headers	Does Not Support	LabWindows/CVI does not provide services specifically for addressing accessibility.
502.3.4 Values	Does Not Support	LabWindows/CVI does not provide services specifically for addressing accessibility.
502.3.5 Modification of Values	Does Not Support	LabWindows/CVI does not provide services specifically for addressing accessibility.
502.3.6 Label Relationships	Does Not Support	LabWindows/CVI does not provide services specifically for addressing accessibility.
502.3.7 Hierarchical Relationships	Does Not Support	LabWindows/CVI does not provide services specifically for addressing accessibility.
502.3.8 Text	Does Not Support	LabWindows/CVI does not provide services specifically for addressing accessibility.
502.3.9 Modification of Text	Does Not Support	LabWindows/CVI does not provide services specifically for addressing accessibility.
502.3.10 List of Actions	Does Not Support	LabWindows/CVI does not provide services specifically for addressing accessibility.
502.3.11 Actions on Objects	Does Not Support	LabWindows/CVI does not provide services specifically for addressing accessibility.

Criteria	Conformance Level	Remarks and Explanations
502.3.12 Focus Cursor	Does Not Support	LabWindows/CVI does not provide services specifically for addressing accessibility.
502.3.13 Modification of Focus Cursor	Does Not Support	LabWindows/CVI does not provide services specifically for addressing accessibility.
502.3.14 Event Notification	Does Not Support	LabWindows/CVI does not provide services specifically for addressing accessibility.
502.4 Platform Accessibility Features	Does Not Support	LabWindows/CVI does not provide services specifically for addressing accessibility.
<b><u>503 Applications</u></b>	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Partially Supports	The LabWindows/CVI environment and the UI controls from the Runtime library support user customization of color settings and font size.
503.3 Alternative User Interfaces	Not Applicable	
<b>503.4 User Controls for Captions and Audio Description</b>	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Not Applicable	
503.4.2 Audio Description Controls	Not Applicable	
<b><u>504 Authoring Tools</u></b>	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”)	See <a href="#">WCAG 2.0</a> section	See information in WCAG 2.0 section
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not Applicable	
504.2.2 PDF Export	Partially Supports	The content of some editor windows (e.g. text and UI editor), as well as UI controls and panels of LabWindows/CVI applications can be printed out to PDF format, provided that the OS has an installed PDF export printer.
504.3 Prompts	Does Not Support	
504.4 Templates	Does Not Support	

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

Notes:

Criteria	Conformance Level	Remarks and Explanations
<b>601.1 Scope</b>	Heading cell – no response required	Heading cell – no response required
<b><u><a href="#">602 Support Documentation</a></u></b>	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	Digital documentation is available within LabWindows/CVI. This documentation is also available through the National Instruments website.
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	Digital documentation is available within LabWindows/CVI. This documentation is also available through the National Instruments website.
<b><u><a href="#">603 Support Services</a></u></b>	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	Technical support may be provided over e-mail and telephone.
603.3 Accommodation of Communication Needs	Supports	Technical support may be provided over e-mail and telephone.