

National Instruments Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT® Version 2.4Rev)

Name of Product/Version: LabVIEW / Versions 2023 and beyond

Report Date: September 1, 2023

Product Description: Engineering system design software for applications that require test, measurement, and control with rapid access to hardware and data insights

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Notes: Inline with each section as needed

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
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 Revised Section 508:

- 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	Graphical programming in LabVIEW uses color as well as other visual cues such patterns in places to indicate information to the user.
302.4 Without Hearing	Supports	
302.5 With Limited Hearing	Supports	
302.6 Without Speech	Supports	
302.7 With Limited Manipulation	Does Not Support	Graphical programming in LabVIEW requires the use of a pointing device
302.8 With Limited Reach and Strength	Supports	Graphical programming in LabVIEW requires the use of a pointing device
302.9 With Limited Language, Cognitive, and Learning Abilities	Does Not Support	

Chapter 4: [Hardware](#)

Notes: LabVIEW is not Hardware so this section is entirely “Not Applicable”

Criteria	Conformance Level	Remarks and Explanations
402 Closed Functionality	Heading cell – no response required	Heading cell – no response required

Criteria	Conformance Level	Remarks and Explanations
402.1 General	Heading cell – no response required	Heading cell – no response required
402.2 Speech-Output Enabled	Heading cell – no response required	Heading cell – no response required
402.2.1 Information Displayed On-Screen	Not Applicable	
402.2.2 Transactional Outputs	Not Applicable	
402.2.3 Speech Delivery Type and Coordination	Not Applicable	
402.2.4 User Control	Not Applicable	
402.2.5 Braille Instructions	Not Applicable	
402.3 Volume	Heading cell – no response required	Heading cell – no response required
402.3.1 Private Listening	Not Applicable	
402.3.2 Non-private Listening	Not Applicable	
402.4 Characters on Display Screens	Not Applicable	
402.5 Characters on Variable Message Signs	Not Applicable	
403 Biometrics	Heading cell – no response required	Heading cell – no response required
403.1 General	Not Applicable	
404 Preservation of Information Provided for Accessibility	Heading cell – no response required	Heading cell – no response required
404.1 General	Not Applicable	
405 Privacy	Heading cell – no response required	Heading cell – no response required
405.1 General	Not Applicable	
406 Standard Connections	Heading cell – no response required	Heading cell – no response required
406.1 General	Not Applicable	
407 Operable Parts	Heading cell – no response required	Heading cell – no response required
407.2 Contrast	Not Applicable	
407.3 Input Controls	Heading cell – no response required	Heading cell – no response required
407.3.1 Tactilely Discernible	Not Applicable	
407.3.2 Alphabetic Keys	Not Applicable	
407.3.3 Numeric Keys	Not Applicable	
407.4 Key Repeat	Not Applicable	
407.5 Timed Response	Not Applicable	
407.6 Operation	Not Applicable	
407.7 Tickets, Fare Cards, and Keycards	Not Applicable	
407.8 Reach Height and Depth	Heading cell – no response required	Heading cell – no response required
407.8.1 Vertical Reference Plane	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
407.8.1.1 Vertical Plane for Side Reach	Not Applicable	
407.8.1.2 Vertical Plane for Forward Reach	Not Applicable	
407.8.2 Side Reach	Not Applicable	
407.8.2.1 Unobstructed Side Reach	Not Applicable	
407.8.2.2 Obstructed Side Reach	Not Applicable	
407.8.3 Forward Reach	Not Applicable	
407.8.3.1 Unobstructed Forward Reach	Not Applicable	
407.8.3.2 Obstructed Forward Reach	Not Applicable	
407.8.3.2.1 Operable Part Height for ICT with Obstructed Forward Reach	Not Applicable	
407.8.3.2.2 Knee and Toe Space under ICT with Obstructed Forward Reach	Not Applicable	
<u>408 Display Screens</u>	Heading cell – no response required	Heading cell – no response required
408.2 Visibility	Not Applicable	
408.3 Flashing	Not Applicable	
<u>409 Status Indicators</u>	Heading cell – no response required	Heading cell – no response required
409.1 General	Not Applicable	
<u>410 Color Coding</u>	Heading cell – no response required	Heading cell – no response required
410.1 General	Not Applicable	
<u>411 Audible Signals</u>	Heading cell – no response required	Heading cell – no response required
411.1 General	Not Applicable	
<u>412 ICT with Two-Way Voice Communication</u>	Heading cell – no response required	Heading cell – no response required
<u>412.2 Volume Gain</u>	Heading cell – no response required	Heading cell – no response required
412.2.1 Volume Gain for Wireline Telephones	Not Applicable	
412.2.2 Volume Gain for Non-Wireline ICT	Not Applicable	
<u>412.3 Interference Reduction and Magnetic Coupling</u>	Heading cell – no response required	Heading cell – no response required
412.3.1 Wireless Handsets	Not Applicable	
412.3.2 Wireline Handsets	Not Applicable	
412.4 Digital Encoding of Speech	Not Applicable	
412.5 Real-Time Text Functionality	Reserved for future	Reserved for future
412.6 Caller ID	Not Applicable	
412.7 Video Communication	Not Applicable	
<u>412.8 Legacy TTY Support</u>	Heading cell – no response required	Heading cell – no response required

Criteria	Conformance Level	Remarks and Explanations
412.8.1 TTY Connectability	Not Applicable	
412.8.2 Voice and Hearing Carry Over	Not Applicable	
412.8.3 Signal Compatibility	Not Applicable	
412.8.4 Voice Mail and Other Messaging Systems	Not Applicable	
<u>413 Closed Caption Processing Technologies</u>	Heading cell – no response required	Heading cell – no response required
413.1.1 Decoding and Display of Closed Captions	Not Applicable	
413.1.2 Pass-Through of Closed Caption Data	Not Applicable	
<u>414 Audio Description Processing Technologies</u>	Heading cell – no response required	Heading cell – no response required
414.1.1 Digital Television Tuners	Not Applicable	
414.1.2 Other ICT	Not Applicable	
<u>415 User Controls for Captions and Audio Descriptions</u>	Heading cell – no response required	Heading cell – no response required
415.1.1 Caption Controls	Not Applicable	
415.1.2 Audio Description Controls	Not Applicable	

Chapter 5: [Software](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.x section	See information in WCAG 2.x section
<u>502 Interoperability with Assistive Technology</u>	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	
<u>502.3 Accessibility Services</u>	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Does Not Support	LabVIEW does not provide services specifically for addressing accessibility
502.3.2 Modification of Object Information	Does Not Support	LabVIEW does not provide services specifically for addressing accessibility
502.3.3 Row, Column, and Headers	Does Not Support	LabVIEW does not provide services specifically for addressing accessibility
502.3.4 Values	Does Not Support	LabVIEW does not provide services specifically for addressing accessibility
502.3.5 Modification of Values	Does Not Support	LabVIEW does not provide services

Criteria	Conformance Level	Remarks and Explanations
		specifically for addressing accessibility
502.3.6 Label Relationships	Does Not Support	LabVIEW does not provide services specifically for addressing accessibility
502.3.7 Hierarchical Relationships	Does Not Support	LabVIEW does not provide services specifically for addressing accessibility
502.3.8 Text	Does Not Support	LabVIEW does not provide services specifically for addressing accessibility
502.3.9 Modification of Text	Does Not Support	LabVIEW does not provide services specifically for addressing accessibility
502.3.10 List of Actions	Does Not Support	LabVIEW does not provide services specifically for addressing accessibility
502.3.11 Actions on Objects	Does Not Support	LabVIEW does not provide services specifically for addressing accessibility
502.3.12 Focus Cursor	Does Not Support	LabVIEW does not provide services specifically for addressing accessibility
502.3.13 Modification of Focus Cursor	Does Not Support	LabVIEW does not provide services specifically for addressing accessibility
502.3.14 Event Notification	Does Not Support	LabVIEW does not provide services specifically for addressing accessibility
502.4 Platform Accessibility Features	Does Not Support	LabVIEW does not provide services specifically for addressing accessibility
<u>503 Applications</u>	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Does Not Support	Display attributes are overwritten by certain aspects of LabVIEW.
503.3 Alternative User Interfaces	Not Applicable	
<i>503.4 User Controls for Captions and Audio Description</i>	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	
<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.x section	See information in WCAG 2.x section
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not Applicable	
504.2.2 PDF Export	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
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
601.1 Scope	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	Digital documentation is available within LabVIEW. This documentation is also available through the National Instruments website
602.3 Electronic Support Documentation	See WCAG 2.x section	See information in WCAG 2.x section
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	Digital documentation is available within LabVIEW. This documentation is also available through the National Instruments website.
603 Support Services	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.