

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](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.1.1 Non-text Content</u> (Level A) 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: does not support</p>	
<p><u>1.2.1 Audio-only and Video-only (Prerecorded)</u> (Level A) 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>Igor Pro does not provide audio-only or video-only content.</p>
<p><u>1.2.2 Captions (Prerecorded)</u> (Level A) 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>Igor Pro does not provide prerecorded media of any kind.</p>
<p><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A) 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>Igor Pro does not provide prerecorded media of any kind so audio description is not relevant.</p>
<p><u>1.3.1 Info and Relationships</u> (Level A) 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: partially supports</p>	<p>Software: most menus, dialogs and user interface conform to operating system standards as implemented through Qt. Accessibility is therefore determined by OS and Qt support.</p>
<p><u>1.3.2 Meaningful Sequence</u> (Level A) 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: user has control over sequence presentation.</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.4.1 Use of Color</u> (Level A) 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: color is not used as the only means to convey information.
<p><u>1.4.2 Audio Control</u> (Level A) 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: Igor Pro does not use automatically playing audio.
<p><u>2.1.1 Keyboard</u> (Level A) 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: almost everything in the software can be executed from the command line.
<p><u>2.1.2 No Keyboard Trap</u> (Level A) 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: a handful of dialogs do not provide full keyboard support.
<p><u>2.2.1 Timing Adjustable</u> (Level A) 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	The software has no timing dependence.
<p><u>2.2.2 Pause, Stop, Hide</u> (Level A) 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	There is no moving, auto scrolling or blinking display of information.
<p><u>2.3.1 Three Flashes or Below Threshold</u> (Level A) 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	there is no flashing in the software.

Criteria	Conformance Level	Remarks and Explanations
<p><u>2.4.1 Bypass Blocks</u> (Level A) 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 	NA	
<p><u>2.4.2 Page Titled</u> (Level A) 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	Documents and dialogs include page titles.
<p><u>2.4.3 Focus Order</u> (Level A) 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	Focus order is relevant only in dialogs and only for the purpose of moving over the various controls.
<p><u>2.4.4 Link Purpose (In Context)</u> (Level A) 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	
<p><u>3.1.1 Language of Page</u> (Level A) 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	Igor Pro allows the operating system to set/indicate the language in use.
<p><u>3.2.1 On Focus</u> (Level A) 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	
<p><u>3.2.2 On Input</u> (Level A) 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	User changes to a UI component have predictable results.

Criteria	Conformance Level	Remarks and Explanations
<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) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: supports	An input error in a dialog results if a frame around the control and optional text explaining the error.
<p><u>3.3.2 Labels or Instructions</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	Input fields are labeled.
<p><u>4.1.1 Parsing</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	The software does not use a markup language.
<p><u>4.1.2 Name, Role, Value</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	Almost all dialogs generate text command that the user can edit or incorporate in their own procedures.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.2.4 Captions (Live)</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) 	Software: supports	Igor Pro relies on native operating system controls to display video and control audio.
<p><u>1.2.5 Audio Description (Prerecorded)</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) 	Software: supports	Igor Pro relies on native operating system to control audio.

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.4.3 Contrast (Minimum)</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	Default text display complies with contrast requirement.
<p><u>1.4.4 Resize text</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: partially supports	Most text can be resized either by the application or by the operating system.
<p><u>1.4.5 Images of Text</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: partially supports	Images of text are only used in some of the documentation where they are embedded in PDF format to support high magnification.
<p><u>2.4.5 Multiple Ways</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>2.4.6 Headings and Labels</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	
<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	
<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	

Criteria	Conformance Level	Remarks and Explanations
<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	Suggestions are not offered although in some places values are clipped to the allowed range.
<p><u>3.3.4 Error Prevention (Legal, Financial, Data)</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 is not designed to be used for financial applications.

Table 3: Success Criteria, Level AAA

Notes: Igor Pro is a desktop computer program so this table is not applicable.

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Notes:

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

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	partially supports	we do not have direct experience and testing of using Igor Pro with devices designed for users without vision.
302.2 With Limited Vision	supports	
302.3 Without Perception of Color	supports	The software does not use color-only cues.
302.4 Without Hearing	supports	General use does not involve sound.
302.5 With Limited Hearing	supports	General use does not involve sound.
302.6 Without Speech	supports	General use does not involve speech in input or output.
302.7 With Limited Manipulation	supports	Most functionality is accessible via the command line so any input device that generates text can provide effective control
302.8 With Limited Reach and Strength	supports	
302.9 With Limited Language, Cognitive, and Learning Abilities	supports	Igor Pro can be used by individuals with Limited Language, Cognitive, and Learning Abilities.

Chapter 4: [Hardware](#)

Notes: Igor Pro is a desktop software application; hardware considerations do not apply.

Chapter 5: [Software](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
<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	Not Applicable	
502.2.2 No Disruption of Accessibility Features	partially supports	Igor Pro does not intentionally interfere with accessibility features.
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	partially supports	Some object information is not available programmatically.
502.3.2 Modification of Object Information	partially supports	some objects can be modified programmatically
502.3.3 Row, Column, and Headers	supports	Row and column headers can be obtained by typing on the keyboard.
502.3.4 Values	partially supports	most dialog widgets are standard Qt widgets that support accessibility.
502.3.5 Modification of Values	partially supports	
502.3.6 Label Relationships	supports	
502.3.7 Hierarchical Relationships	supports	
502.3.8 Text	supports partially	Not all text is compatible with all screen readers.
502.3.9 Modification of Text	supports partially	Text can be set and modified programmatically by executing Igor commands.
502.3.10 List of Actions	Does not support	
502.3.11 Actions on Objects	supports	Igor Pro can be operated completely from the keyboard.
502.3.12 Focus Cursor	partially supports	cursor position and selection can be tracked via optional user hook functions.
502.3.13 Modification of Focus Cursor	Does not support	Focus, text insertion point etc. are all accessible programmatically but are not exposed to assistive technology.
502.3.14 Event Notification	Does not support	

Criteria	Conformance Level	Remarks and Explanations
<u>503 Applications</u>	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	supports partially	Igor Pro supports some optional non-standard cursors.
503.3 Alternative User Interfaces	supports	Igor pro does not provide 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	Igor Pro does not provide volume controls.
503.4.2 Audio Description Controls	Not Applicable	Igor Pro does not support audio description.
<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 <u>WCAG 2.x</u> section	See information in WCAG 2.x section
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Does not support	
504.2.2 PDF Export	supports	
504.3 Prompts	Does not support	
504.4 Templates	supports	Igor Pro does not provide templates but allows the user to create templates that use all the accessibility features otherwise supported.

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
<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 <u>WCAG 2.x</u> section	See information in WCAG 2.x section

Criteria	Conformance Level	Remarks and Explanations
<u>603 Support Services</u>	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	supports	
603.3 Accommodation of Communication Needs	supports	Technical support is available by phone, email or fax.

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