Autodesk Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT® Version 2.4)

Name of Product/Version: Autodesk Inventor® Professional 2023

Product Description: 3D CAD software for product development

Date: 3/1/2022

Contact information: Business.services@autodesk.com / 415-507-5000

Notes:

Evaluation Methods Used: General knowledge of product.

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: **Autodesk Inventor is not a Web-based application, only Simple Share, Guided Tutorial, Online help document are available through web.**

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:
1.2.1 Audio-only and Video-only (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:
1.2.2 Captions (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:
1.3.1 Info and Relationships (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:

Criteria	Conformance Level	Remarks and Explanations
1.3.2 Meaningful Sequence (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:
1.3.3 Sensory Characteristics (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:
1.4.1 Use of Color (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:
1.4.2 Audio Control (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:
2.1.1 Keyboard (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:
2.1.2 No Keyboard Trap (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:

Criteria	Conformance Level	Remarks and Explanations
• 504.2 (Authoring Tool) • 602.3 (Support Docs)		

2.2.1 Timing Adjustable (Level A)
Also applies to:
Revised Section 508
  • 501 (Web)(Software)
  • 504.2 (Authoring Tool)
  • 602.3 (Support Docs)
	Not Applicable	Web:
		Electronic Docs:
		Software:
		Authoring Tool:

2.2.2 Pause, Stop, Hide (Level A)
Also applies to:
Revised Section 508
  • 501 (Web)(Software)
  • 504.2 (Authoring Tool)
  • 602.3 (Support Docs)
	Not Applicable	Web:
		Electronic Docs:
		Software:
		Authoring Tool:

2.3.1 Three Flashes or Below Threshold (Level A)
Also applies to:
Revised Section 508
  • 501 (Web)(Software)
  • 504.2 (Authoring Tool)
  • 602.3 (Support Docs)
	Not Applicable	Web:
		Electronic Docs:
		Software:
		Authoring Tool:

2.4.1 Bypass Blocks (Level A)
Also applies to:
Revised Section 508
  • 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
	Not Applicable	Web:
		Electronic Docs:
		Software:
		Authoring Tool:

2.4.2 Page Titled (Level A)
Also applies to:
Revised Section 508
  • 501 (Web)(Software)
  • 504.2 (Authoring Tool)
  • 602.3 (Support Docs)
	Not Applicable	Web:
		Electronic Docs:
		Software:
		Authoring Tool:

2.4.3 Focus Order (Level A) Also applies to:	Not Applicable	Web: Electronic Docs:

Criteria	Conformance Level	Remarks and Explanations

Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
		Software:
		Authoring Tool:

2.4.4 Link Purpose (In Context) (Level A)
Also applies to:
Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Not Applicable	Web:
		Electronic Docs:
		Software:
		Authoring Tool:

3.1.1 Language of Page (Level A)
Also applies to:
Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Not Applicable	Web:
		Electronic Docs:
		Software:
		Authoring Tool:

3.2.1 On Focus (Level A)
Also applies to:
Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Not Applicable	Web:
		Electronic Docs:
		Software:
		Authoring Tool:

3.2.2 On Input (Level A)
Also applies to:
Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Not Applicable	Web:
		Electronic Docs:
		Software:
		Authoring Tool:

3.3.1 Error Identification (Level A)
Also applies to:
Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Not Applicable	Web:
		Electronic Docs:
		Software:
		Authoring Tool:

Criteria	Conformance Level	Remarks and Explanations
3.3.2 Labels or Instructions (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:
4.1.1 Parsing (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:
4.1.2 Name, Role, Value (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:

Table 2: Success Criteria, Level AA

Notes: **Autodesk Inventor is not a Web-based application, only Simple Share, Guided Tutorial, Online help document are available through web.**

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:
1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:

Criteria	Conformance Level	Remarks and Explanations
• 504.2 (Authoring Tool) • 602.3 (Support Docs)		
1.4.3 Contrast (Minimum) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:
1.4.4 Resize text (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:
1.4.5 Images of Text (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:
2.4.5 Multiple Ways (Level AA) Also applies to: Revised Section 508 • 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	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:
2.4.6 Headings and Labels (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	Web: Electronic Docs: Software: Authoring Tool:
2.4.7 Focus Visible (Level AA) Also applies to:	Not Applicable	Web: Electronic Docs:

Criteria	Conformance Level	Remarks and Explanations

Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
		Software:
		Authoring Tool:

3.1.2 Language of Parts (Level AA)
Also applies to:
Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Not Applicable	Web:
		Electronic Docs:
		Software:
		Authoring Tool:

3.2.3 Consistent Navigation (Level AA)
Also applies to:
Revised Section 508
   • 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
	Not Applicable	Web:
		Electronic Docs:
		Software:
		Authoring Tool:

3.2.4 Consistent Identification (Level AA)
Also applies to:
Revised Section 508
   • 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
	Not Applicable	Web:
		Electronic Docs:
		Software:
		Authoring Tool:

3.3.3 Error Suggestion (Level AA)
Also applies to:
Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Not Applicable	Web:
		Electronic Docs:
		Software:
		Authoring Tool:

3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)
Also applies to:
Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Not Applicable	Web:
		Electronic Docs:
		Software:
		Authoring Tool:

Table 3: Success Criteria, Level AAA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
1.2.7 Extended Audio Description (Prerecorded) (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
1.2.8 Media Alternative (Prerecorded) (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
1.2.9 Audio-only (Live) (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
1.4.6 Contrast Enhanced (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
1.4.7 Low or No Background Audio (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
1.4.8 Visual Presentation (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
1.4.9 Images of Text (No Exception) Control (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
2.1.3 Keyboard (No Exception) (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
2.2.3 No Timing (Level AAA) Also applies to:	Not Evaluated	

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 – Does not apply		
2.2.4 Interruptions (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
2.2.5 Re-authenticating (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
2.3.2 Three Flashes (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
2.4.8 Location (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
2.4.9 Link Purpose (Link Only) (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
2.4.10 Section Headings (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
3.1.3 Unusual Words (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
3.1.4 Abbreviations (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
3.1.5 Reading Level (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
3.1.6 Pronunciation (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
3.2.5 Change on Request (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	

Criteria	Conformance Level	Remarks and Explanations
3.3.5 Help (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	
3.3.6 Error Prevention (All) (Level AAA) Also applies to: Revised Section 508 – Does not apply	Not Evaluated	

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Notes:

Chapter 3: Functional Performance Criteria (FPC)

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Not Applicable	
302.2 With Limited Vision	Not Applicable	
302.3 Without Perception of Color	Partially Supported	Inventor cannot support High Contrast well. Many context, icon and checkbox in the menu/dialog may not be displayed under High Contrast. Some Ribbon UI, Marking Menu and 3D annotation cannot support High Contrast well. No access to Boundary Patch weights using keyboard navigation. Inventor provides a wide variety of color selections. The user can customize the application window and other interface elements. Users can also use pre-defined named color styles. Couple Inventor browsers, dialogs, property panels cannot be displayed correctly under High Contrast setting.
302.4 Without Hearing	Supports	Inventor does not require user hearing to operate the software.
302.5 With Limited Hearing	Supports	Inventor does not require user hearing to operate the software.
302.6 Without Speech	Supports	Inventor does not require user speech to operate the software.
302.7 With Limited Manipulation	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
302.8 With Limited Reach and Strength	Not Applicable	
302.9 With Limited Language, Cognitive, and Learning Abilities	Not Applicable	

Chapter 4: Hardware

Notes: **Autodesk Inventor is a software application, not applicable for hardware.**

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 section
502 Interoperability with Assistive Technology	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Supports	Some commands like attach, show sick, cannot be executable from keyboard by short cut. Consistent Materials, 3D Print, Freeform and Shared view commands cannot be executable from keyboard.
502.2.2 No Disruption of Accessibility Features	Supports	Microsoft Active Accessibility applications such as the Narrator, Magnifier and the Onscreen keyboard can be used to access of the components of a form/dialog box.
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Supports	Inventor icons have a tooltip and can add a shortcut key. Icons in the toolbar also have an extended mode where icon plus text is shown.
502.3.2 Modification of Object Information	Supports	The Narrator can find identity, operation, state of toolbars, (context) menus, tabs, and dropdown menus.
502.3.3 Row, Column, and Headers	Supports	Ribbon is defined with headers, rows and columns.
502.3.4 Values	Supports	Values are well-defined with parameters.

Criteria	Conformance Level	Remarks and Explanations
502.3.5 Modification of Values	Supports	Value modification are supported.
502.3.6 Label Relationships	Supports	Inventor icons have a tooltip and can add a shortcut key. Icons in the toolbar also have an extended mode where icon plus text is shown.
502.3.7 Hierarchical Relationships	Supports	Commands are categories in Ribbon, context menu or object based.
502.3.8 Text	Supports	
502.3.9 Modification of Text	Supports	
502.3.10 List of Actions	Supports	Actions are in the feature tree in the model browser.
502.3.11 Actions on Objects	Supports	The Narrator can find identity, operation, state of toolbars, (context) menus, tabs, and dropdown menus.
502.3.12 Focus Cursor	Partially Supported	The focus on some Inventor dialog like override dialog of joint, file open option dialog of vault cannot be changed correctly by clicking "Tab". The focus will lose in some case like using tab to be switching in Dynamic Part Motion dialog, opening dialog of in Diagram Frame Analysis.
502.3.13 Modification of Focus Cursor	Partially Supported	
502.3.14 Event Notification	Partially Supported	
502.4 Platform Accessibility Features	Supports	Microsoft Active Accessibility applications such as the Narrator, Magnifier and the Onscreen keyboard can be used to access of the components of a form/dialog box.
503 Applications	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Supports	Inventor configure UI and deployment complete page display abnormal under larger DPI. Color coding in Inventor works fine.
503.3 Alternative User Interfaces	Supports	Amber and Ribbon interfaces.

Criteria	Conformance Level	Remarks and Explanations
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	
503.4.2 Audio Description Controls	Not Applicable	
504 Authoring Tools	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 section
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Supports	
504.2.2 PDF Export	Supports	
504.3 Prompts	Supports	
504.4 Templates	supports	

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	Microsoft Active Accessibility applications such as the Narrator, Magnifier and the Onscreen keyboard can be used to access of the components of a form/dialog box.
602.3 Electronic Support Documentation	See WCAG 2.0 section	See information in WCAG section
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	Support documentation is available within the product, as hardcopy, or as Adobe PDF.
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	This document is posted on our website at http://www.autodesk.com. Search for "Section 508".
603.3 Accommodation of Communication Needs	Supports	Support services options are available via webpage, e-mail, fax, or phone. Direct, in person support is also available through resellers.

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