

Autodesk Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT® Version 2.4)

Name of Product/Version: Autodesk HSMWorks 2023

Report Date: 17 February 2022

Product Description: Software for Computer-Aided Manufacturing

Contact Information: 415-356-0700

Notes:

Evaluation Methods Used: 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](#).

Table 1 / Table 2: Success Criteria, Level A and Level AA

Notes: Application is not a Web product or Authoring Tool. These entries throughout this table have been removed rather than entering Not Applicable.

Notes: This table combines Level A and Level AA criteria.

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.1.1 Non-text Content</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) 	<p>Electronic Docs: Partially Supports</p> <p>Software: Does Not Support</p>	<p>Electronic Docs:</p> <p>Software: Application is inherently graphical, and the majority of the information is not representable in any text form.</p>
<p><u>1.2.1 Audio-only and Video-only (Prerecorded)</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) 	<p>Electronic Docs: Does Not Support</p> <p>Software: Not Applicable</p>	<p>Electronic Docs: Many AKN documents make extensive use of audio and video content.</p> <p>Software: Application has no audio-only content and no prerecorded video content.</p>
<p><u>1.2.2 Captions (Prerecorded)</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) 	<p>Electronic Docs: Does Not Support</p> <p>Software: Not Applicable</p>	<p>Electronic Docs: Many AKN documents make extensive use of audio without captions.</p> <p>Software: Application has no audio-only content.</p>
<p><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</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) 	<p>Electronic Docs: Does Not Support</p> <p>Software: Not Applicable</p>	<p>Electronic Docs: Many AKN documents make extensive use of audio without an alternative media method.</p> <p>Software: Application has no audio-only content.</p>
<p><u>1.2.4 Captions (Live)</u> (Level AA)</p> <p>Also applies to: Revised Section 508</p>	<p>Electronic Docs: Not Applicable</p> <p>Software: Not Applicable</p>	<p>Electronic Docs:</p> <p>Software:</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		
<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) 	<p>Electronic Docs: Not Applicable Software: Not Applicable</p>	<p>Electronic Docs: Software:</p>
<p><u>1.3.1 Info and Relationships</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) 	<p>Electronic Docs: Does Not Support Software: Does Not Support</p>	<p>Electronic Docs: Application is inherently graphical. Software: Application is inherently graphical.</p>
<p><u>1.3.2 Meaningful Sequence</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) 	<p>Electronic Docs: Does Not Support Software: Does Not Support</p>	<p>Electronic Docs: Application is inherently graphical. Software: Application is inherently graphical.</p>
<p><u>1.3.3 Sensory Characteristics</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) 	<p>Electronic Docs: Does Not Support Software: Does Not Support</p>	<p>Electronic Docs: Application is inherently graphical. Software: Application is inherently graphical.</p>
<p><u>1.4.1 Use of Color</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) 	<p>Electronic Docs: Does Not Support Software: Does Not Support</p>	<p>Electronic Docs: Application is inherently graphical. Software: Application is inherently graphical.</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.4.2 Audio Control</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) 	<p>Electronic Docs: Not Applicable Software: Not Applicable</p>	<p>Electronic Docs: Software:</p>
<p><u>1.4.3 Contrast (Minimum)</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) 	<p>Electronic Docs: Does Not Support Software: Does Not Support</p>	<p>Electronic Docs: Software:</p>
<p><u>1.4.4 Resize text</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) 	<p>Electronic Docs: Supports Software: Does Not Support</p>	<p>Electronic Docs: Software:</p>
<p><u>1.4.5 Images of Text</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) 	<p>Electronic Docs: Supports Software: Supports</p>	<p>Electronic Docs: Images of text are not used except where essential. Software: Images of text are not used except where essential.</p>
<p><u>2.1.1 Keyboard</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) 	<p>Electronic Docs: Does Not Support Software: Partially Supports</p>	<p>Electronic Docs: Software: Keyboard shortcuts are available for most top-level commands, but many functions require graphical selection of elements from the display to complete. Similarly, some functions produce output that includes a textual form, but many results will only be shown in the graphical display.</p>
<p><u>2.1.2 No Keyboard Trap</u> (Level A)</p> <p>Also applies to:</p>	<p>Electronic Docs: Does Not Support</p>	<p>Electronic Docs: Software:</p>

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	
2.2.1 Timing Adjustable (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Electronic Docs: Not Applicable Software: Not Applicable	Electronic Docs: Timing is not used. Software: Timing is not used.
2.2.2 Pause, Stop, Hide (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Electronic Docs: Not Applicable Software: Not Applicable	Electronic Docs: Moving, blinking, scrolling not used. Software: Moving, blinking, scrolling not used.
2.3.1 Three Flashes or Below Threshold (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Electronic Docs: Not Applicable Software: Not Applicable	Electronic Docs: Flashing elements are not used. Software: Flashing elements are not used.
2.4.1 Bypass Blocks (Level A) Also applies to: Revised Section 508 <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 	Electronic Docs: Not Applicable	Electronic Docs:
2.4.2 Page Titled (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) 	Electronic Docs: Supports Software: Supports	Electronic Docs: Software:

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) 		
<p>2.4.3 Focus Order (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) 	<p>Electronic Docs: Not Applicable Software: Not Applicable</p>	<p>Electronic Docs: Software:</p>
<p>2.4.4 Link Purpose (In Context) (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) 	<p>Electronic Docs: Supports Software: Supports</p>	<p>Electronic Docs: Software:</p>
<p>2.4.5 Multiple Ways (Level AA)</p> <p>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 	<p>Electronic Docs: Supports</p>	<p>Electronic Docs:</p>
<p>2.4.6 Headings and Labels (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) 	<p>Electronic Docs: Supports Software: Supports</p>	<p>Electronic Docs: Software:</p>
<p>2.4.7 Focus Visible (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) 	<p>Electronic Docs: Not Applicable Software: Supports</p>	<p>Electronic Docs: Software:</p>
<p>3.1.1 Language of Page (Level A)</p>	<p>Electronic Docs: Supports</p>	<p>Electronic Docs: All documents are available in specified</p>

Criteria	Conformance Level	Remarks and Explanations
Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Supports	supported languages. Software: All text in the software is available in specified supported languages.
3.1.2 Language of Parts (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Electronic Docs: Does Not Support Software: Does Not Support	Electronic Docs: Software:
3.2.1 On Focus (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Electronic Docs: Supports Software: Supports	Electronic Docs: Software:
3.2.2 On Input (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Electronic Docs: Supports Software: Supports	Electronic Docs: Software:
3.2.3 Consistent Navigation (Level AA) Also applies to: Revised Section 508 <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 	Electronic Docs: Supports	Electronic Docs:
3.2.4 Consistent Identification (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software 	Electronic Docs: Supports	Electronic Docs:

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs 		
<p>3.3.1 Error Identification (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) 	<p>Electronic Docs: Not Applicable Software: Supports</p>	<p>Electronic Docs: Software:</p>
<p>3.3.2 Labels or Instructions (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) 	<p>Electronic Docs: Not Applicable Software: Supports</p>	<p>Electronic Docs: Software:</p>
<p>3.3.3 Error Suggestion (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) 	<p>Electronic Docs: Not Applicable Software: Partially Support</p>	<p>Electronic Docs: Software:</p>
<p>3.3.4 Error Prevention (Legal, Financial, Data) (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) 	<p>Electronic Docs: Not Applicable Software: Not Applicable</p>	<p>Electronic Docs: Software:</p>
<p>4.1.1 Parsing (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) 	<p>Electronic Docs: Not Applicable Software: Not Applicable</p>	<p>Electronic Docs: Software:</p>

Criteria	Conformance Level	Remarks and Explanations
<p>4.1.2 Name, Role, Value (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) 	<p>Electronic Docs: Not Applicable</p> <p>Software: Not Applicable</p>	<p>Electronic Docs:</p> <p>Software:</p>

Table 2: Success Criteria, Level AA

Notes: Table for Level AA merged with table for Level A above.

Table 3: Success Criteria, Level AAA

Notes: Table for Level AAA removed; product not evaluated for this level

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	Many functions require graphical selection of elements from the display to complete. Similarly, many results of computations are only displayed graphically.
302.2 With Limited Vision	Supports	Size of text can be changed. Microsoft Active Accessibility applications like Narrator and the Magnifier can be used to access particulars of the components of a

Criteria	Conformance Level	Remarks and Explanations
		form/dialog box.
302.3 Without Perception of Color	Partially Supports	Color is used extensively in graphical displays, but almost all default colors can be customized to mitigate limited color perception.
302.4 Without Hearing	Not Applicable	Audio is not used in operation of the application.
302.5 With Limited Hearing	Not Applicable	Audio is not used in operation of the application.
302.6 Without Speech	Not Applicable	Speech recognition is not used in operation of the program.
302.7 With Limited Manipulation	Does Not Support	Many functions require graphical selection of elements from the display to complete.
302.8 With Limited Reach and Strength	Does Not Support	Many functions require graphical selection of elements from the display to complete.
302.9 With Limited Language, Cognitive, and Learning Abilities	Does Not Support	Application requires advanced cognitive understanding of geometric modeling and manufacturing techniques.

Chapter 4: [Hardware](#)

Notes: Table for Chapter 4: Hardware removed; product has no hardware components

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 2.0 section
502 Interoperability with Assistive Technology	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Does Not Support	

Criteria	Conformance Level	Remarks and Explanations
502.2.2 No Disruption of Accessibility Features	Supports	
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Does Not Support	
502.3.2 Modification of Object Information	Does Not Support	
502.3.3 Row, Column, and Headers	Does Not Support	
502.3.4 Values	Does Not Support	
502.3.5 Modification of Values	Does Not Support	
502.3.6 Label Relationships	Does Not Support	
502.3.7 Hierarchical Relationships	Does Not Support	
502.3.8 Text	Does Not Support	
502.3.9 Modification of Text	Does Not Support	
502.3.10 List of Actions	Does Not Support	
502.3.11 Actions on Objects	Does Not Support	
502.3.12 Focus Cursor	Does Not Support	
502.3.13 Modification of Focus Cursor	Does Not Support	
502.3.14 Event Notification	Does Not Support	
502.4 Platform Accessibility Features	Does Not Support	
503 Applications	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Does Not Support	
503.3 Alternative User Interfaces	Does Not Support	
503.4 User Controls for Captions and Audio Description	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Does Not Support	
503.4.2 Audio Description Controls	Does Not Support	
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 2.0 section
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not Applicable	
504.2.2 PDF Export	Not Applicable	
504.3 Prompts	Not Applicable	
504.4 Templates	Not Applicable	

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	Support documentation is available online.
602.3 Electronic Support Documentation	See WCAG 2.0 section	See information in WCAG 2.0 section
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	Support documentation is available online and in downloadable form.
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 at www.autodesk.com . Search for “Section 508”.
603.3 Accommodation of Communication Needs	Supports	Support services options are available via web page, email, and by phone. Direct, in-person, support is also available through resellers.

Legal Disclaimer (Company)

Voluntary Product Accessibility Template and VPAT are registered trademarks or trademarks of Information Technology Industry Council.

Autodesk® and Autodesk® HSMWorks® are registered trademarks or trademarks of Autodesk, Inc., or its subsidiaries and/or affiliates in the USA and/or other /countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice and is not responsible for typographical or graphical errors that may appear in this document. © 2022 Autodesk, Inc. All rights reserved.