Autodesk® Accessibility Conformance Report

Revised Section 508 Edition

VPAT® Version 2.3 (Revised) – April 2019

Name of Product/Version: Autodesk® ReCap Pro® ReCap Photo® 2021

Product Description:

Report Date: February 1, 2020

Contact Information: 415-356-0700

Notes:

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:

- 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
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)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Icons in ReCap do come with tooltip that explains their purposes. 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)	Web: Electronic Docs: Software: Authoring Tool:	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)	Web: Electronic Docs: Software: Authoring Tool:	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)	Web: Electronic Docs: Software: Authoring Tool:	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)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:

Criteria	Conformance Level	Remarks and Explanations
• 602.3 (Support Docs)		
1.3.2 Meaningful Sequence (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Software: Authoring Tool:	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)	Web: Electronic Docs: Software: Authoring Tool:	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)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Full spectrum colors are used to indicate things like height or intensity of each point in point cloud, it cannot be represented in any other means 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)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: ReCap does not use color to convey information 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)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Menu options are accessible through shortcut keys, but region selection on point cloud cannot be done without a pointing device Authoring Tool:
2.1.2 No Keyboard Trap (Level A)	Web:	Web:

Criteria	Conformance Level	Remarks and Explanations
Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Electronic Docs: Software: Authoring Tool:	Electronic Docs: Software: When keyboard input is not enough to shift focus away, a pointing device can be used to do so Authoring Tool:
2.2.1 Timing Adjustable (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Software: Authoring Tool:	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)	Web: Electronic Docs: Software: Authoring Tool:	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)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: There is no flashing component in ReCap 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	Web: Electronic Docs: Authoring Tool:	Web: Electronic Docs: Authoring Tool:
2.4.2 Page Titled (Level A) Also applies to: Revised Section 508	Web: Electronic Docs: Software:	Web: Electronic Docs: Software:

Criteria	Conformance Level	Remarks and Explanations
• 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Authoring Tool:	Authoring Tool:
2.4.3 Focus Order (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic 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)	Web: Electronic Docs: Software: Authoring Tool:	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)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: The default human language can be configured by the user 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)	Web: Electronic Docs: Software: Authoring Tool:	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)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Moving among screens of ReCap changes the context in such a way that user can understand the changes by the buttons he/she clicks on Authoring Tool:

Criteria	Conformance Level	Remarks and Explanations
• 602.3 (Support Docs)		
3.3.1 Error Identification (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Input alpha characters into an input field that is expecting number simply restores the original numeric value without displaying any error Authoring Tool:
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)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Additional labels are shown on screen for actions that can only be accomplished when modifier keys are pressed 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)	Web: Electronic Docs: Software: Authoring Tool:	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)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Web:	Web:

Criteria	Conformance Level	Remarks and Explanations
Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Electronic Docs: Software: Authoring Tool:	Electronic Docs: Software: There is no Live Audio in this software Authoring Tool:
1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: There is no prerecorded video content in this software Authoring Tool:
1.4.3 Contrast (Minimum) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Some of the dialogs in ReCap are not visually distinctive enough 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)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: The software does not allow for text size to be adjusted 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)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Images of text is not used within the 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	Web: Electronic Docs: Authoring Tool:	Web: Electronic Docs: Authoring Tool:

Criteria	Conformance Level	Remarks and Explanations
• 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs		
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)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: The Project Navigator in ReCap displays hierarchical information in a tree view, while using the same font size Authoring Tool:
2.4.7 Focus Visible (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic 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)	Web: Electronic Docs: Software: Authoring Tool:	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	Web: Electronic Docs: Authoring Tool:	Web: Electronic Docs: 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	Web: Electronic Docs: Authoring Tool:	Web: Electronic Docs: Authoring Tool:

Criteria	Conformance Level	Remarks and Explanations
3.3.3 Error Suggestion (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Errors are autocorrected (e.g. by resetting to default value) or a message is display (e.g. "near plane cannot be larger than far plane") 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)	Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Changes in the software can be undone by using the Undo functionality Authoring Tool:

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Notes:

Chapter 3: Functional Performance Criteria (FPC)

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Does not Support	The software's primary uses require manipulations of 3D point cloud data and mesh contents, which are highly visual dependent application
302.2 With Limited Vision	Does not Support	The software's primary uses require manipulations of 3D point cloud data and mesh contents, which are highly visual dependent application

Criteria	Conformance Level	Remarks and Explanations
302.3 Without Perception of Color	Partially Supports	Apart from having to optionally label point cloud regions, most functionalities of the software do not require the need to perceive or distinguish between colors to accomplish
302.4 Without Hearing	Supports	Autodesk ReCap does not require user hearing in order to operate the software
302.5 With Limited Hearing	Supports	Autodesk ReCap does not require user hearing in order to operate the software
302.6 Without Speech	Supports	The software does not require user speech in order to operate it
302.7 With Limited Manipulation	Does not Support	The use of a mouse is necessary to navigate the view, to perform fine adjustments to point cloud data and/or 3D mesh contents
302.8 With Limited Reach and Strength	Supports	Only mouse, keyboard, trackpad or compatible control surface is required to operate the software
302.9 With Limited Language, Cognitive, and Learning Abilities	Does not Support	The software does not provide specific modes where features can be operated with some cognitive & learning disabilities

Chapter 4: Hardware

Notes:

Criteria	Conformance Level	Remarks and Explanations
402 Closed Functionality	Heading cell – no response required	Heading cell – no response required
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		
402.2.2 Transactional Outputs		
402.2.3 Speech Delivery Type and Coordination		

Criteria	Conformance Level	Remarks and Explanations
402.2.4 User Control		
402.2.5 Braille Instructions		
402.3 Volume	Heading cell – no response required	Heading cell – no response required
402.3.1 Private Listening		
402.3.2 Non-private Listening		
402.4 Characters on Display Screens		
402.5 Characters on Variable Message Signs		
403 Biometrics	Heading cell – no response required	Heading cell – no response required
403.1 General		
404 Preservation of Information Provided for Accessibility	Heading cell – no response required	Heading cell – no response required
404.1 General		
405 Privacy	Heading cell – no response required	Heading cell – no response required
405.1 General		
406 Standard Connections	Heading cell – no response required	Heading cell – no response required
406.1 General		
407 Operable Parts	Heading cell – no response required	Heading cell – no response required
407.2 Contrast		
407.3 Input Controls	Heading cell – no response required	Heading cell – no response required
407.3.1 Tactilely Discernible		
407.3.2 Alphabetic Keys		
407.3.3 Numeric Keys		
407.4 Key Repeat		
407.5 Timed Response		
407.6 Operation		
407.7 Tickets, Fare Cards, and Keycards		
407.8 Reach Height and Depth	Heading cell – no response required	Heading cell – no response required
407.8.1 Vertical Reference Plane		
407.8.1.1 Vertical Plane for Side Reach		
407.8.1.2 Vertical Plane for Forward Reach		
407.8.2 Side Reach		

Criteria	Conformance Level	Remarks and Explanations
407.8.2.1 Unobstructed Side Reach		
407.8.2.2 Obstructed Side Reach		
407.8.3 Forward Reach		
407.8.3.1 Unobstructed Forward Reach		
407.8.3.2 Obstructed Forward Reach		
407.8.3.2.1 Operable Part Height for ICT with Obstructed Forward Reach		
407.8.3.2.2 Knee and Toe Space under ICT with Obstructed Forward Reach		
408 Display Screens	Heading cell – no response required	Heading cell – no response required
408.2 Visibility		
408.3 Flashing		
409 Status Indicators	Heading cell – no response required	Heading cell – no response required
409.1 General		
410 Color Coding	Heading cell – no response required	Heading cell – no response required
410.1 General		
411 Audible Signals	Heading cell – no response required	Heading cell – no response required
411.1 General		
412 ICT with Two-Way Voice Communication	Heading cell – no response required	Heading cell – no response required
412.2 Volume Gain	Heading cell – no response required	Heading cell – no response required
412.2.1 Volume Gain for Wireline Telephones		
412.2.2 Volume Gain for Non-Wireline ICT		
412.3 Interference Reduction and Magnetic Coupling	Heading cell – no response required	Heading cell – no response required
412.3.1 Wireless Handsets		
412.3.2 Wireline Handsets		
412.4 Digital Encoding of Speech		
412.5 Real-Time Text Functionality	Reserved for future	Reserved for future
412.6 Caller ID		
412.7 Video Communication		
412.8 Legacy TTY Support	Heading cell – no response required	Heading cell – no response required
412.8.1 TTY Connectability		
412.8.2 Voice and Hearing Carry Over		

Criteria	Conformance Level	Remarks and Explanations
412.8.3 Signal Compatibility		
412.8.4 Voice Mail and Other Messaging Systems		
413 Closed Caption Processing Technologies	Heading cell – no response required	Heading cell – no response required
413.1.1 Decoding and Display of Closed Captions		
413.1.2 Pass-Through of Closed Caption Data		
414 Audio Description Processing Technologies	Heading cell – no response required	Heading cell – no response required
414.1.1 Digital Television Tuners		
414.1.2 Other ICT		
415 User Controls for Captions and Audio Descriptions	Heading cell – no response required	Heading cell – no response required
415.1.1 Caption Controls		
415.1.2 Audio Description Controls		

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	The software uses proprietary code to implement its user interface. As a result, it supports none of the accessibility features of commercial UI toolkits
502.2.2 No Disruption of Accessibility Features	Does not Support	The software uses proprietary code to implement its user interface. As a result, it supports none of the accessibility features of commercial UI toolkits
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Does not Support	Focus is programmatically exposed through active button's highlighting, distinguish behavior result, cursors hint
502.3.2 Modification of Object Information		
502.3.3 Row, Column, and Headers		
502.3.4 Values		

Criteria	Conformance Level	Remarks and Explanations
502.3.5 Modification of Values		and other UI interface method to help user tracking focus and focus changes
502.3.6 Label Relationships		
502.3.7 Hierarchical Relationships		
502.3.8 Text		
502.3.9 Modification of Text		
502.3.10 List of Actions		
502.3.11 Actions on Objects		
502.3.12 Focus Cursor		
502.3.13 Modification of Focus Cursor		
502.3.14 Event Notification		
502.4 Platform Accessibility Features		
503 Applications	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Does not Support	The software does not provide user preferences for bold fonts, contrast, brightness or background opacity
503.3 Alternative User Interfaces	Does not Support	The software uses proprietary code to implement its user interface. As a result, it supports none of the accessibility features of commercial UI toolkits
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	The software does not contain functionality that allows media playback
503.4.2 Audio Description Controls	Not Applicable	The software does not contain functionality that allows media playback
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	Does not Support	The software does not pass through any metadata relative to accessibility
504.2.2 PDF Export	Does not Support	The software does not import or export PDF file format
504.3 Prompts		

Criteria	Conformance Level	Remarks and Explanations
504.4 Templates		

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	Partially Supports	Some features support keyboard and the tooltips of these buttons will mention the shortcuts. Such as navigations, open, save, exit, etc.
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		
603.3 Accommodation of Communication Needs		

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