# Esri Accessibility Conformance Report
# ArcGIS Data Reviewer

Report Date: June 15, 2023

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# Esri Accessibility Conformance Report

## Product Information

**Product Name/Version:** ArcGIS Data Reviewer (ArcGIS Pro extension)

**Report Template:** Revised Section 508 Edition (based on VPAT® version 2.4)

**Product Release Date:** February, 2023

**Report Date:** June 15, 2023

**Product Description:** ArcGIS Data Reviewer is a quality control platform designed to help organizations improve the quality of their spatial and non-spatial data. It provides a set of quality control tools to help detect, manage, and report errors in a feature's integrity, attribution, or spatial relationship with other features.

**Notes:** This report applies to both the use of, and authoring of content within, the ArcGIS Data Reviewer extension for the ArcGIS Pro 3.1 application.

**Evaluation Methods Used:** Testing ArcGIS Data Reviewer involved a combination of manual and functional testing on desktop. The product was tested by certified accessibility professionals on a selection of the application representative of ArcGIS Data Reviewer using, among other methodology, the screen reader JAWS 2023, exclusive use of the keyboard, and manual inspection of code.

**Legal Disclaimer:** As of the testing date to which this document relates to, this document describes the Esri product's ability to support certain WCAG standards for informational purposes only, and the contents are subject to change without notice.

This document does not represent a legal commitment and is provided "As-Is." Esri disclaims that any information in this document will remain accurate after such testing date. Esri monitors the accessibility of its products and provide updates from time to time. Any modification or customization to the product described herein may render some or all of this document to become inapplicable. Esri specifically disclaims any liability with respect to this document, and no contractual obligations are formed either directly or indirectly by this document. Esri further makes no representation concerning the ability of assistive technologies or other products to interoperate with the Esri product described herein.

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**Contact Information:** Environmental Systems Research Institute, Inc. (Esri)

For more information regarding general accessibility topics at Esri, visit https://www.esri.com/en-us/accessibility/overview, or for accessibility information regarding Esri Legal, visit https://www.esri.com/en-us/legal/accessibility.

Specific inquiries may be emailed to EsriAccessibility@esri.com, or mailed to Esri, Contracts and Legal Department, 380 New York Street, Redlands, California 92373.

Table 1: Applicable Standards and Guidelines

| Standards / Guidelines | Included In Report |
|---|---|
| [Web Content Accessibility Guidelines 2.1](#) | Level A (Yes)<br>Level AA (Yes)<br>Level AAA (No) |
| [Revised Section 508 Standards](#) | (Yes) |
| [EN 301 549 V3.1.1](#) | (Yes) |

Table 2: Record of Changes

| Version | Date | Description of Changes |
|---|---|---|
| 1.0 | 06/15/2023 | Evaluation results and explanations updated by testing vendor (initial version) |
| 2.0 | 07/31/2023 | Updated to 2.4 VPAT® template and Esri ACR format |
| 2.1 | 08/21/2023 | Evaluation results and explanations updated by certified accessibility professionals and Esri internal. |

## Purpose

The Voluntary Product Accessibility Template (VPAT®) – used to create Esri Accessibility Conformance Reports – is a template used to document a product's conformance with accessibility standards and guidelines.  The purpose of the VPAT® is to assist customers and buyers in making preliminary assessments regarding the availability of commercially-available Information and Communication Technology (ICT) products and services with features that support accessibility.

## Background

On March 20, 2017, the Architectural and Transportation Barriers Compliance Board (Access Board) revised, updated, and combined standards for ICT developed, procured, maintained, or used by federal agencies covered by Section 508 of the Rehabilitation Act of 1973 and Section 255 of the Communications Act of 1934. The revisions and updates to these standards are intended to ensure that electronic media is accessible to and usable by individuals with disabilities.

## Terms

The terms used in the 'Conformance Level' information are defined as follows:

Table 3: Conformance Level Definitions

| Conformance Level | Definition |
|---|---|
| Supports | The functionality of the product has at least one method that meets the criterion or meets with equivalent facilitation. |
| Partially Supports | Product does not entirely meet the letter and intent of the criterion, but does provide some level of access.<br><br>OR<br><br>Product provides alternative methods to meet the intent of 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. |

# Revised Section 508 Considerations

## Application and Administration

Information and Communication Technology (ICT) that is procured, developed, maintained, or used by agencies shall conform to these requirements. Section 508 of the Rehabilitation Act (29 U.S.C. 794d) applies to federal departments and agencies, including the U.S. Postal Service. The term "agency" is defined in Section E103 to include the United States Postal Service and other federal agencies and departments as specified in 44 U.S.C. 3502.  That section of the U.S.C. defines agency to mean any executive department, military department, Government corporation, Government controlled corporation, or other establishment in the executive branch of the Government (including the Executive Office of the President), or any independent regulatory agency, but does not include (a) the General Accounting Office; (b) Federal Election Commission; (c) the governments of the District of Columbia and of the territories and possessions of the United States, and their various subdivisions; or (d) Government-owned contractor-operated facilities, including laboratories engaged in national defense research and production activities.

All sections of the technical standards may apply to this product and are individually addressed in the following sections. This applies to the majority of ArcGIS software, services, and solutions.

## Scoping Requirements

Section 508 Chapter 2 addresses application and scoping of the Revised 508 Standards, including exceptions. Multiple significant changes were made to this chapter, including:

- Adding a category to E205.3, official agency communications that are non-public facing electronic covered content;

- Clarifying the application of WCAG 2.0 to non-Web documents and software; and

- Made corresponding changes to E205.4 and E207.2, including adding E205.4.1 and E207.3, which specify the word substitution necessary to apply WCAG 2.0 to non-Web content.

207.2 WCAG Conformance. User interface components and content of platforms and applications shall conform to Level A and Level AA Success Criteria and Conformance Requirements specified for webpages in WCAG 2.0.

## Functional Performance Criteria

301.1 Scope. The requirements of Chapter 3 shall apply to ICT where required by 508 Chapter 2 (Scoping Requirements), 255 Chapter 2 (Scoping Requirements), and where otherwise referenced in any other chapter of the Revised 508 Standards or Revised 255 Guidelines.

## Hardware

401.1 Scope. The requirements of Chapter 4 shall apply to ICT that is hardware where required by 508 Chapter 2 (Scoping Requirements), 255 Chapter 2 (Scoping Requirements), and where otherwise referenced in any other chapter of the Revised 508 Standards or Revised 255 Guidelines.

EXCEPTION: Hardware that is assistive technology shall not be required to conform to the requirements of this chapter.

402.1 General. ICT with closed functionality shall be operable without requiring the user to attach or install assistive technology other than personal headsets or other audio couplers, and shall conform to 402.

## Software

501.1 Scope. The requirements of Chapter 5 shall apply to software where required by 508 Chapter 2 (Scoping Requirements), 255 Chapter 2 (Scoping Requirements), and where otherwise referenced in any other chapter of the Revised 508 Standards or Revised 255 Guidelines.

EXCEPTION: Where Web applications do not have access to platform accessibility services and do not include components that have access to platform accessibility services, they shall not be required to conform to 502 or 503 provided that they conform to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1).

502.1 General. Software shall interoperate with assistive technology and shall conform to 502.

502.2 Documented Accessibility Features. Software with platform features defined in platform documentation as accessibility features shall conform to 502.2.

## Support Documentation and Services

602.1 General. Documentation that supports the use of ICT shall conform to 602.

# Web Content Accessibility Guidelines (WCAG) Report

## WCAG Principle 1: Perceivable

Information and user interface components must be presentable to users in ways they can perceive. Criteria also apply to Revised Section 508 standards for Support Documentation (602.3). Report contains Level A and AA only (Revised Section 508 does not apply to AAA).

Table 4: WCAG Principle 1 Success Criteria - Perceivable

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **1.1.1 Non-text Content (Level A)**<br><br>All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below.<br><br>• Controls, Input<br>• Time-Based Media<br>• Test<br>• Sensory<br>• CAPTCHA<br>• Decoration, Formatting, Invisible | Partially Supports | **ArcGIS Data Reviewer extension:**<br><br>The product provides sufficient text alternatives for most non-text content, such as images, icons, and visual affordances, or is hidden from assistive technology. A rating of Partially Supports has been given for the following reason(s):<br><br>Users may find some challenges reading warning icon buttons, input dates in Calendar icon buttons and identifying mandatory fields with asterisk icons. These may be present in the following Check Rule settings:<br>• Cutbacks<br>• Feature on Feature<br>• Check Geometry<br>• Find Dangles<br><br><br>**ArcGIS Pro:**<br><br>Users may find some challenges reading warning notifications when working with the Share Project Package pane; and when looking to adjust configurations in the Symbols tab of the Mensuration |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | Options dialog as some icons do not have a descriptive alternative text. |
| **1.2.1** **Audio-only and Video-only (Prerecorded) (Level A)**<br><br>For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such:<br><br>• Prerecorded Audio-only<br><br>• Prerecorded Video-only | Supports | The product does not currently contain pre-recorded audio-only or pre-recorded video-only content. |
| **1.2.2** **Captions (Prerecorded) (Level A)**<br><br>Captions are provided for all prerecorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | Supports | The product does not currently contain pre-recorded content requiring synchronized captions. |
| **1.2.3** **Audio Description or Media Alternative (Prerecorded) (Level A)**<br><br>An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | Supports | The product does not currently contain any prerecorded video content that would require audio description or a time-based media alternative. |
| **1.2.4** **Captions (Live) (Level AA)**<br><br>Captions are provided for all live audio content in synchronized media. | Supports | The product does not currently contain live audio content. |
| **1.2.5** **Audio Description (Prerecorded) (Level AA)**<br><br>Audio description is provided for all prerecorded video content in synchronized media. | Supports | The product does not currently contain any prerecorded video content that would require audio description. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **1.3.1** Info and Relationships (Level A)<br><br>Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. | Partially Supports | **ArcGIS Data Reviewer extension:**<br><br>Most user interface elements in the product provide programmatic and/or textual information about structure and relationships. A rating of Partially Supports has been given for the following reason(s):<br><br>• Users may experience challenges in identifying the labels associated with some buttons, grid sliders, controls that receive focus.<br><br>• Challenges may be present with the identification of tables, and table headers and values not being announced by the screen reader.<br><br>• Elements such as headings and some content areas are also not announced by the assistive technology.<br><br>The features that may present challenges as part of the Composite Rule Authoring and Deleting workflow include:<br><br>• New Composite Rule panel<br><br>• Check Geometry rule settings<br><br>• Cutbacks rule settings<br><br>• Feature on Feature rule settings<br><br>• Domain rule settings<br><br>• Export Batch Job to Attribute Rules workflow |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | **ArcGIS Pro:**<br>• Users may find challenges in identifying the labels associated with some buttons, grid sliders, and controls that receive focus.<br>• Identification of some tables and table headers and values is not announced by the screen reader.<br>• Elements such as headings and some content areas are not announced by assistive technology.<br>The features that may present challenged include:<br>• Start Page (Recent Templates)<br>• Settings Page (New, Open, Python tabs)<br>• Ribbon (View tab)<br>• Panes (Share Map Package, Share Layer Package, Share Mobile Map Package, Share Project Package, Python, Print Layout, some Geoprocessing)<br>• Dialogs (Options, Georeferencing Options, Mensuration Options, Layer Properties)<br>• Other views (Catalog, Charts, Package Manager, Python Notebook Sanity, Fields, Data Design views [Domain, Subtypes, Attribute Rules, Contingent Values]) |
| [1.3.2](#) **Meaningful Sequence (Level A)** | Supports | The reading order of the content matches the visual and logical order, and can be programmatically determined. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. | | |
| **1.3.3 Sensory Characteristics (Level A)**<br><br>Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, size, visual location, orientation, or sound. | Supports | The product provides instructions for understanding and operating content that do not rely solely on sensory characteristics. |
| **1.3.4 Orientation (Level AA – WCAG 2.1)**<br><br>Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Supports | The product does not restrict its view and operation to a single display orientation and responds appropriately to screen orientation changes. |
| **1.3.5 Identify Input Purpose (Level AA – WCAG 2.1)**<br><br>The purpose of each input field collecting information about the user can be programmatically determined when:<br><br>• The input field serves a purpose identified in the Input Purposes for User Interface Components section; and<br><br>• The content is implemented using technologies with support for identifying the expected meaning for form input data. | Partially Supports | **ArcGIS Data Reviewer extension:**<br><br>Most input fields in the product do not collect information about the user. However, some input fields collect information about the user and do not programmatically convey their purpose. A rating of Partially Supports has been given for the following reason(s):<br><br>• Expected user input for text fields is not consistently clear in labels.<br><br>Some features in Data Reviewer may present challenges as part of the Composite Rule Authoring and Deleting, and Export Batch Job to Attribute Rules workflows include:<br><br>• Check Geometry rule settings<br><br>• Feature on Feature rule settings<br><br>• Evaluate Intersection Count rule settings |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | • Evaluate Polyline Length rule settings<br>• Regular Expression rule settings |
| **1.4.1** Use of Color (Level A)<br><br>Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. | Does Not Support | **ArcGIS Data Reviewer extension:**<br><br>Throughout most of the product, color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. A rating of Does Not Support has been given for the following reason(s):<br><br>• As part of the Composite Rule Authoring and Deleting workflow in Data Reviewer, there is a validation table which relies on color to provide feedback of rules as the user adds, verifies or fixes parameters. Challenges may be experienced in identifying when a rule passes or fails validation.<br><br>Other areas that may present challenges in terms of how errors are portrayed for users to identify include:<br><br>• New Composite Rule panel<br>• Find Dangles rule settings<br>• Duplicate Vertex rule settings<br>• Regular Expression rule settings<br><br>**ArcGIS Pro:**<br><br>Users Functions throughout the majority the product do not convey information through color alone. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **1.4.2 Audio Control (Level A)**<br><br>If any audio on a Webpage plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level. | Supports | The product does not contain audio that plays automatically. |
| **1.4.3 Contrast (Minimum) (Level AA)**<br><br>The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following:<br><br>• Large Text: Large-scale text and images of large-scale text have a contrast ratio of at least 3:1;<br><br>• Incidental: Text or images of text that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content, have no contrast requirement.<br><br>• Logotypes: Text that is part of a logo or brand name has no minimum contrast requirement. | Partially Supports | The product meets or exceeds minimum contrast ratios on most components containing text or images of text. A rating of Partially Supports has been given for the following reason(s):<br><br>• Some instances of warning notifications in Duplicate Vertex rule settings do not meet contrast requirements. |
| **1.4.4 Resize text (Level AA)**<br><br>Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality. | Partially Supports | **ArcGIS Data Reviewer extension:**<br><br>Most text can be resized without assistive technology up to 200 percent without loss of content or functionality. A rating of Partially Supports has been given for the following reason(s):<br><br>When larger text size is applied in the desktop application, there is some loss of visible content when working with the Validation table when users are authoring Composite Rules in the Catalog View.<br><br>**ArcGIS Pro:** |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | When larger text size is applied in the desktop application, there is some loss of visible content when working with the Data Design views (Domain view, Subtypes view, Contingent Values view). |
| **1.4.5** **Images of Text (Level AA)**<br><br>If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following:<br><br>• Customizable: The image of text can be visually customized to the user's requirements;<br><br>• Essential: A particular presentation of text is essential to the information being conveyed (includes logotypes). | Supports | Text is used to convey information rather than images of text, except where a particular presentation of text is essential to the information being conveyed, such as in logotypes. |
| **1.4.10** **Reflow (Level AA – WCAG 2.1)**<br><br>Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:<br><br>• Vertical scrolling content at a width equivalent to 320 CSS pixels<br><br>• Horizontal scrolling content at a height equivalent to 256 CSS pixels | Partially Supports | **ArcGIS Data Reviewer extension:**<br><br>Most content in the product responds and reflows as necessary when zoomed and does not require scrolling in two dimensions. Aa rating of Partially Supports has been given for the following reason(s):<br><br>When text scale is increased at 200%, it may present challenges to the user when working with Composite Rules Authoring and Deleting workflow, in the Validation table, as not all the text is visible and no horizontal scroll control is provided.<br><br>**ArcGIS Pro:**<br><br>When text scale is increased at 200%, it may present challenges to the user when using the Share Layer |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | Package pane as not all the text is visible and no horizontal scroll control is provided. |
| **1.4.11 Non-text Contrast (Level AA – WCAG 2.1)**<br><br>The visual presentation of non-text content has a contrast ratio of at least 3:1 against adjacent color(s). | Supports | User interface components and meaningful graphics in the product have sufficient contrast with the surrounding background. |
| **1.4.12 Text Spacing (Level AA – WCAG 2.1)**<br><br>In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property:<br><br>• Line height (line spacing) to at least 1.5 times the font size<br><br>• Spacing following paragraphs to at least 2 times the font size<br><br>• Letter spacing (tracking) to at least 0.12 times the font size<br><br>• Word spacing to at least 0.16 times the font size. | Supports | |
| **1.4.13 Content on Hover or Focus (Level AA – WCAG 2.1)**<br><br>Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:<br><br>• Dismissible<br><br>• Hoverable<br><br>• Persistent | Partially Supports | **ArcGIS Data Reviewer extension:**<br><br>Some content in the product that is made visible via hover or focus is not dismissible, hoverable, or persistent. A rating of Partially Supports has been given for the following reason(s):<br><br>• Users may experience challenges when interacting with 'info' icons, as they are only visibly displayed on hover and may receive focus while the icon remains hidden. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | Some features in Data Reviewer may present challenges as part of the Composite Rule Authoring and Deleting, and Export Batch Job to Attribute Rules workflows include: |

- Domain rule settings
- Cutbacks rule settings
- Check Geometry rule settings
- Adding a New Composite Rule pane
- Most instances in other rule settings that provide an info icon.

**ArcGIS Pro:**
- User may experience challenges interacting with tooltips as some are only available on hover and do not receive focus when using keyboard navigation.

The features that may present challenged include:
- Data Design views (Domain view, Attribute Rules view)
- Catalog view

# WCAG Principle 2: Operable

User interface components and navigation must be operable. Criteria also apply to Revised Section 508 standards for Support Documentation (602.3). Report contains Level A and AA only (Revised Section 508 does not apply to AAA).

Table 5: WCAG Principle 2 Success Criteria - Operable

| Criteria | Conformance Level | Remarks and Explanations |
| --- | --- | --- |
| **2.1.1** **Keyboard (Level A)**<br><br>All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints. | Partially Supports | **ArcGIS Data Reviewer extension:**<br><br>Most of the basic functionality of the product can be operated through a keyboard interface. A rating of Partially Supports has been given for the following reason(s):<br><br>• Users may experience challenges when authoring a Composite Rule, including difficulties operating split buttons, combo boxes, context menus, info buttons, and grid dividers.<br><br>Some features in Data Reviewer that may present challenges include:<br><br>• New Composite Rule panel<br><br>• Check Geometry rule settings<br><br>• Cutbacks rule settings<br><br>• Feature on Feature rule settings<br><br>• Domain rule settings<br><br>• Evaluate Polyline Length rule settings<br><br>• Nonlinear Segment rule settings<br><br>• Evaluate Part Count rule settings<br><br>• Evaluate Intersection Count rule settings |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | • Duplicate Feature rule settings<br><br>**ArcGIS Pro:**<br>• Users may experience challenges operating some split buttons, combo boxes, tooltips, media buttons, grid dividers and color pickers.<br><br>The features that may present challenged include:<br><br>• Settings Page (Python tab)<br><br>• Ribbon (View, Georeference tabs)<br><br>• Panes (Share Layer Package, Share Mobile Map Package, Share Project Package, Print Layout)<br><br>• Dialogs (Options, Georeferencing Options, Mensuration Options, Layer Properties)<br><br>• Other views (Catalog, Charts, Package Manager, Python Notebook Sanity, Data Design views [Fields, Domain, Attribute Rules, Contingent Values]) |
| [2.1.2](#) **No Keyboard Trap (Level A)**<br><br>If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away. | Supports | **ArcGIS Data Reviewer extension:**<br><br>The product does not feature any content or controls that cause a keyboard trap.<br><br>**ArcGIS Pro:**<br><br>Users may experience challenges executing text inputs in some sections of the Print Layout pane and the Python Notebook Sanity view. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **2.1.4 Character Key Shortcuts (Level A – WCAG 2.1)**<br><br>If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:<br><br>• **Turn off**: A mechanism is available to turn the shortcut off<br><br>• **Remap**: A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc.)<br><br>• **Active only on focus**: The keyboard shortcut for a user interface component is only active when that component has focus. | Supports | The product includes keyboard shortcuts implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters that can be turned off, remapped, or active only when that component has focus. |
| **2.2.1 Timing Adjustable (Level A)**<br><br>For each time limit that is set by the content, at least one of the following is true:<br><br>• Turn off: The user is allowed to turn off the time limit before encountering it; or<br><br>• Adjust: The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or<br><br>• Extend: The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or | Supports | The product does not currently contain content that requires time limits or timed interactions. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| • Real-time Exception: The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or<br><br>• Essential Exception: The time limit is essential and extending it would invalidate the activity; or<br><br>• 20 Hour Exception: The time limit is longer than 20 hours.<br><br>*Note: This success criterion helps ensure that users can complete tasks without unexpected changes in content or context that are a result of a time limit. This success criterion should be considered in conjunction with Success Criterion 3.2.1, which puts limits on changes of content or context as a result of user action.* | | |
| **2.2.2 Pause, Stop, Hide (Level A)**<br><br>For moving, blinking, scrolling, or auto-updating information, all of the following are true:<br><br>• Moving, blinking, scrolling: For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and<br><br>• Auto-updating: For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential. | Supports | **ArcGIS Data Reviewer extension:**<br><br>The product does not include elements which move, blink, scroll, or auto-update.<br><br>**ArcGIS Pro:**<br><br>When the user is applying options using the View tab ribbon, they may experience difficulties pausing the Illumination Animation when using keyboard-only navigation. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **2.3.1** **Three Flashes or Below Threshold (Level A)**<br><br>Webpages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds. | Supports | **ArcGIS Data Reviewer extension:**<br><br>The product does not contain any content that flashes more than three times in any one second.<br><br>**ArcGIS Pro:**<br><br>The Flicker button on the Feature Layer tab may be challenging for some users, as the flicker function can be configured manually by the user to increase the flashes of the flicker on a map. |
| **2.4.1** **Bypass Blocks (Level A)**<br><br>A mechanism is available to bypass blocks of content that are repeated on multiple Webpages. | Supports | This product does not repeat content on multiple web pages, and is a non-web product. |
| **2.4.2** **Page Titled (Level A)**<br><br>Webpages have titles that describe topic or purpose. | Supports | **ArcGIS Data Reviewer extension:**<br><br>Page titles describe the high-level topic or purpose of the pages.<br><br>**ArcGIS Pro:**<br><br>Users may experience some challenges in the Learning Resources pages, Georeferencing Options dialog, Share Map Package pane). |
| **2.4.3** **Focus Order (Level A)**<br><br>If a Webpage can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability. | Partially Supports | **ArcGIS Data Reviewer extension:**<br><br>Most components within the product receive focus in a meaningful order. A rating of Partially Supports has been given for the following reason(s): |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | Some features in Data Reviewer may present challenges for users when navigating focusable components following a logical, sequential pattern as part of the Composite Rule Authoring and Deleting, and Export Batch Job to Attribute Rules workflows, including:<br><br>• Cutbacks rule settings<br>• Query Attributes rule settings<br>• Duplicate Vertex rule settings<br>• Unnecessary Nodes rule settings<br>• Find Disconnected Polylines rule settings<br>• Duplicate Feature rule settings<br><br>**ArcGIS Pro:**<br>• Users may experience some challenges when navigating focusable components following a logical, sequential pattern, and based on the visual hierarchy.<br><br>The features that may present challenged include:<br><br>• Start Page (Learning Resources)<br>• Settings Page (New, Open, Python tabs)<br>• Ribbon (View tab)<br>• Panes (Share Layer Package, Share Mobile Map Package, Share Project Package, Python, Print Layout)<br>• Dialogs (Options, Mensuration Options, Layer Properties) |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | • Other views (Catalog, Package Manager, Data Design views [Fields, Domain, Attribute Rules]) |
| **2.4.4 Link Purpose (In Context) (Level A)**<br><br>The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. | Supports | **ArcGIS Data Reviewer extension:**<br><br>Links are understandable from the text alone or from the surrounding paragraph text.<br><br>**ArcGIS Pro:**<br><br>Some links are missing a descriptive label compatible with the assistive technology, specifically the Share Layer Package and Share Mobile Map Package panes. |
| **2.4.5 Multiple Ways (Level AA)**<br><br>More than one way is available to locate a Webpage within a set of Webpages except where the Webpage is the result of, or a step in, a process. | Supports | Multiple ways of locating content are provided, such as search and global navigation systems, except when the location is the result of, or a step in, a process. This product is a non-web product. |
| **2.4.6 Headings and Labels (Level AA)**<br><br>Headings and labels describe topic or purpose. | Partially Supports | **ArcGIS Data Reviewer extension:**<br><br>Most content headings and labels are descriptive and unique. A rating of Partially Supports has been given for the following reason(s):<br><br>• In some features, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user.<br><br>• At times there are labels that do not indicate a clear purpose of the control or input field. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | The features part of the Composite Rule Authoring workflow that may present challenges include:<br><br>• New Composite Rule panel<br>• Find Dangles rule settings<br>• Unique File Value rule settings<br>• Domain rule settings<br>• Feature on Feature rule settings<br>• Check Geometry rule settings<br>• Cutbacks rule settings<br>• Unnecessary Nodes rule settings<br>• Find Disconnected Polylines rule settings<br>• Duplicate Feature rule settings<br><br>**ArcGIS Pro:**<br>• In some areas, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user.<br>• Some buttons do not have a label to indicate the purpose of the control.<br><br>The features that may present challenges include:<br><br>• Start Page (Learning Resources)<br>• Settings Page (New, Open tabs)<br>• Ribbon (View tab) |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | • Panes (Catalog, Share Map Package, Share Layer Package, Share Mobile Map Package, Share Project Package, Python, Print Layout) |
| | | • Dialogs (Georeferencing Options, Mensuration Options, Layer Properties) |
| | | • Other views (Python Notebook Sanity, Data Design views [Fields, Attribute Rules, Contingent Values]) |
| **2.4.7** **Focus Visible (Level AA)**<br><br>Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. | Partially Supports | **ArcGIS Data Reviewer extension:**<br><br>Most focusable elements in the product have a visible keyboard focus indicator. A rating of Partially Supports has been given for the following reason(s):<br><br>• The focus is difficult to identify consistently when working in the Validation table in the Catalog View, or when using the Expression buttons in the New Composite Rule panel.<br><br>**ArcGIS Pro:**<br>• Some interactive elements do not have a visible focus indicator, or the indicator does not meet contrast requirements.<br><br>The features that may present challenges include:<br><br>• Start Page (Learning Resources)<br><br>• Ribbon (View tab)<br><br>• Dialogs (Layer Properties)<br><br>• Data Design views (Attribute Rules, Contingent Values) |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **2.5.1 Pointer Gestures (Level A – WCAG 2.1)**<br><br>All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | Supports | The product does not require multi-point or path-based pointer gestures for operation. |
| **2.5.2 Pointer Cancellation (Level A – WCAG 2.1)**<br><br>For functionality that can be operated using a single pointer, at least one of the following is true:<br><br>• **No Down-Event**: The down-event of the pointer is not used to execute any part of the function<br><br>• **Abort or Undo**: Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion<br><br>• **Up Reversal**: The up-event reverses any outcome of the preceding down-event<br><br>• **Essential**: Completing the function on the down-event is essential | Supports | |
| **2.5.3 Label in Name (Level A – WCAG 2.1)**<br><br>For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | Partially Supports | **ArcGIS Data Reviewer extension:**<br><br>The product includes the visible label for most user interface controls within the accessible name. A rating of Partially Supports has been given for the following reason(s):<br><br>Label inconsistencies with some components may present challenges for users, including:<br><br>• New Composite Rule panel |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | • Feature on Feature rule settings<br><br>• Domain rule settings<br><br>• Evaluate Polyline Length rule settings<br><br>• Evaluate Intersection Count rule settings<br><br>• Duplicate Feature rule settings<br><br>**ArcGIS Pro:**<br>• Some components may present challenges understanding the announced label versus the visible text label due to inconsistencies.<br><br>The features that may present challenges include:<br><br>• Settings Page (Python tab)<br><br>• Panes (Share Layer Package, Share Project Package, Print Layout)<br><br>• Dialogs (Layer Properties)<br><br>• Data Design views (Attribute Rules, Contingent Values) |
| **2.5.4 Motion Actuation (Level A – WCAG 2.1)**<br><br>Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when:<br><br>• Supported Interface: The motion is used to operate functionality through an accessibility supported interface | Supports | The product does not contain any functionality that can be operated by device motion or user motion. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| • Essential: The motion is essential for the function and doing so would invalidate the activity | | |

# WCAG Principle 3: Understandable

Information and the operation of user interface must be understandable. Criteria also apply to Revised Section 508 standards for Support Documentation (602.3). Report contains Level A and AA only (Revised Section 508 does not apply to AAA).

Table 6: WCAG Principle 3 Success Criteria - Understandable

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **3.1.1 Language of Page (Level A)**<br><br>The default human language of each Webpage can be programmatically determined. | Supports | The default human language can be programmatically determined within the product. |
| **3.1.2 Language of Parts (Level AA)**<br><br>The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text. | Supports | |
| **3.2.1 On Focus (Level A)**<br><br>When any component receives focus, it does not initiate a change of context. | Partially Supports | **ArcGIS Data Reviewer extension:**<br><br>Most components in the product do not cause an unexpected change of context when they receive focus. A rating of Partially Supports has been given for the following reason(s):<br><br>• The focus changes context when checking "Attributed to Ignore" when working with Duplicate Feature rule settings in the Composite Rule Authoring workflow.<br><br>• The context of the focus does not always change as expected.<br><br>**ArcGIS Pro:** |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
|  |  | • The focus changes context when adjusting the Illumination options in the View tab ribbon.<br><br>• The context does not change accordingly when cloning a new environment in Package Manager. |
| **3.2.2 On Input (Level A)**<br><br>Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component. | Supports | **ArcGIS Data Reviewer extension:**<br><br>Changes of context do not occur automatically on user input.<br><br>**ArcGIS Pro:**<br>• Users may experience challenges working with the View format option in the Python Notebook Sanity window.<br><br>• There is an unexpected change of context to the navigation menu when the user is exploring the configurations in the New tab on the Settings page. |
| **3.2.3 Consistent Navigation (Level AA)**<br><br>Navigational mechanisms that are repeated on multiple Webpages within a set of Webpages occur in the same relative order each time they are repeated, unless a change is initiated by the user. | Partially Supports | **ArcGIS Data Reviewer extension:**<br><br>Most repeated navigational mechanisms in the product occur in a consistent relative order and appearance. A rating of Partially Supports has been given for the following reason(s):<br><br>• There are some inconsistencies when interacting with info icon buttons and using arrow keys to select combo box options. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | The following challenges may be present in the following features of the Composite Rule authoring workflow:<br><br>• Domain rule settings<br><br>• Table to Table Attribute rule settings<br><br>**ArcGIS Pro:**<br><br>There are some inconsistencies when operating split buttons, and the focus indicator is not always consistent in the Python Notebook Sanity view, Contingent Values view, and View ribbon. |
| **3.2.4 Consistent Identification (Level AA)**<br><br>Components that have the same functionality within a set of Webpages are identified consistently. | Partially Supports | **ArcGIS Data Reviewer extension:**<br><br>The majority of components with the same functionality are identified consistently in the product. A rating of Partially Supports has been given for the following reason(s):<br><br>• When working with the Validation table and authoring Composite Rules, users may experience inconsistencies in identifying how many rules are present in the table and how errors and mandatory fields are identified.<br><br>Features in which these challenges are present, include:<br><br>• Find Dangles rule settings<br><br>• Duplicate Vertex rule settings<br><br>**ArcGIS Pro:** |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | Some input text fields are not identified with a fixed label describing the purpose of the field. |
| [3.3.1](#) **Error Identification (Level A)**<br><br>If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. | Does Not Support | **ArcGIS Data Reviewer extension:**<br><br>In general, errors are not easily identifiable when they occur as they are not announced by screen readers. Hints to facilitate remediation of errors are not provided in text, and there is a reliance of using color to help user identify where the error occurred.<br><br>These challenges are present in the Validation table when working with Composite Rule workflow, and in the following features:<br>• Find Dangles rule settings<br><br>• Regular Expression rule settings<br><br>• Check Geometry rule settings<br><br>**ArcGIS Pro:**<br>• Some error icons are not announced by the screen reader nor information about how to remediate them is provided in the Data Design view (Attributes Rules).<br><br>• Some error messages are not announced as part of the packaging process or adding an new environment in the Share Mobile Map Package pane and Package Manager window. |
| [3.3.2](#) **Labels or Instructions (Level A)** | Partially Supports | **ArcGIS Data Reviewer extension:** |

| Criteria | Conformance Level | Remarks and Explanations |
| --- | --- | --- |
| Labels or instructions are provided when content requires user input. | | The product provides sufficient instructions for user input in most cases. A rating of Partially Supports has been given for the following reason(s):<br><br>• Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls.<br><br>These challenges may be present in the following features:<br><br>• Regular Expression rule settings<br><br>• Nonlinear Segment rule settings<br><br>• Check Geometry rule settings<br><br>• Deleting Entire Composite Rule workflow<br><br>**ArcGIS Pro:**<br>• Some functionalities are missing instructions for better understanding of how to interact with certain controls.<br><br>The features that may present challenges include:<br><br>• Ribbon (View, Georeferencing tabs)<br><br>• Panes (Catalog, Share Map Package, Share Layer Package, Share Mobile Map Package, some Geoprocessing)<br><br>• Dialogs (Layer Properties)<br><br>• Data Design views (Subtypes, Attribute Rules) |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **3.3.3** Error Suggestion (Level AA)<br><br>If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content. | Does Not Support | **ArcGIS Data Reviewer extension:**<br><br>The product does not offer suggestions to the user when the majority of input errors are automatically detected. A rating of Does Not Support has been given for the following reason(s):<br><br>• In general, errors suggestions are not provided to help the user remediate errors that occur when authoring Composite Rules in Data Reviewer. |
| **3.3.4** Error Prevention (Legal, Financial, Data) (Level AA)<br><br>For Webpages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true:<br><br>• Reversible: Submissions are reversible.<br><br>• Checked: Data entered by the user is checked for input errors and the user is provided an opportunity to correct them.<br><br>• Confirmed: A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. | Supports | Throughout the product, changes to user-controllable data are reversible, or can be checked or confirmed before finalizing. |

# WCAG Principle 4: Robust

Content must be robust enough that it can be interpreted reliably by a wide variety of user agents, including assistive technologies. Criteria also apply to Revised Section 508 standards for Support Documentation (602.3). Report contains Level A and AA only (Revised Section 508 does not apply to AAA).

Table 7: WCAG Principle 4 Success Criteria - Robust

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **4.1.1 Parsing (Level A)**<br><br>In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features.<br><br>*Note: Start and end tags that are missing a critical character in their formation, such as a closing angle bracket or a mismatched attribute value quotation mark are not complete.* | Supports | The product does not contain or make use of content implemented using markup languages. |
| **4.1.2 Name, Role, Value (Level A)**<br><br>For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies.<br><br>*Note: This success criterion is primarily for Web authors who develop or script their own user interface components. For example, standard HTML controls already meet this success criterion when used according to specification.* | Partially Supports | **ArcGIS Data Reviewer extension:**<br><br>Most user interface components throughout the product convey their name, role, or value to assistive technology. A rating of Partially Supports has been given for the following reason(s):<br><br>• Exceptions about announcements on state changes or interaction hints may occur when users interact with tables, checkboxes, combo boxes, mandatory fields, toggle buttons, and listed items where providing a hint of quantity would be helpful.<br><br>• Dividers in the Catalog View of Attribute Rules do not have a role defined nor hints about keyboard interaction. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | Features part of the Composite Rule Authoring and Export Batch Job to Attribute Rules workflows where challenges may be experienced, include: |

Features part of the Composite Rule Authoring and Export Batch Job to Attribute Rules workflows where challenges may be experienced, include:

- New Composite Rule panel
- Query Attributes rule settings
- Unique Field Value rule settings
- Unnecessary Nodes rule settings
- Regular Expression rule settings
- Table to Table Attribute rule settings
- Polyline or Path Closes on rule settings
- Duplicate Feature rule settings
- Check Geometry rule settings
- Deleting individual checks workflow

**ArcGIS Pro:**
- Most controls indicate Name properties for the screen reader to read.
- Most state changes for the relevant UI controls are provided. Exceptions about announcements on state changes may occur when users interact with Tables.
- Most UI controls with checkboxes and expandable sections do announce state changes. However, most inconsistencies were found in the area of hint or prefixes attributes.

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | • Many controls show inconsistencies when providing interaction tips, which may cause challenges in keyboard navigation for users. |
| **4.1.3 Status Messages (Level AA – WCAG 2.1)**<br><br>In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus. | Does Not Support | **ArcGIS Data Reviewer extension:**<br><br>The majority of status messages, when provided in the product, are not presented in a way that can be programmatically determined. A rating of Does Not Support has been given for the following reason(s):<br><br>• Most features in the Composite Rule authoring and Export Batch Job to Attribute Rules workflows do not provide status messages with feedback to the user about actions that may have taken effect in the system, including adding or removing a check type rule in the Validation table, announcing verification processes taking place, announcing changes in live regions according to the current active check type, and announcing error related notifications.<br><br>These challenges may occur in the following features:<br><br>• Find Dangles rule settings<br><br>• Regular Expression rule settings<br><br>• Evaluate Intersection Count rule settings<br><br>• Duplicate Feature rule settings<br><br>• Check Geometry rule settings<br><br>• Deleting individual checks workflow<br><br>• Deleting entire Composite Rule workflow |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
|  |  | **ArcGIS Pro:**<br><br>Many functions do not indicate status messages announced by the screen reader informing the user about modal changes. Examples include, not announcing the results after running a process, not announcing error messages, success messages, and percentages as a process loads prior to completion. |

# Revised Section 508 Report

## Chapter 3: Functional Performance Criteria

Table 8: Revised Section 508 Chapter 3 - Functional Performance Criteria

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **302.1 Without Vision**<br><br>Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that does not require user vision. | Partially Supports | A rating of Partially Supports has been given due to the following related WCAG criteria:<br><br>• 1.1.1 Non-text Content: Users may find some challenges identifying warning icon buttons, input dates in Calendar icon buttons and identifying mandatory fields with asterisk icons.<br><br>• 1.3.1 Info and Relationships: Users may experience challenges in identifying the labels associated with some buttons, grid sliders, controls that receive focus. Challenges may be present with the identification of tables, and table headers and values not being announced by the screen reader. Elements such as headings and some content areas are also not announced by the assistive technology.<br><br>• 1.3.5 Identify Input Purpose: Expected user input for text fields is not consistently clear in labels.<br><br>• 1.4.1 Use of Color: As part of the Composite Rule Authoring and Deleting workflow in Data Reviewer, there is a validation table which relies on color to provide feedback of rules as the suer adds, verifies or fixes parameters. Challenges may be experienced in identifying when a rule passes or fails validation.<br><br>• 1.4.10 Reflow: When text scale is increased at 200%, it may present challenges to the user when working with Composite Rules Authoring and Deleting workflow, in the Validation table, as not all the text is visible and no horizontal scroll control is provided. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | • 1.4.13 Content on Hover or Focus: Users may experience challenges when interacting with 'info' icons, as they are only visibly displayed on hover and may receive focus while the icon remains hidden.<br><br>• 2.1.1 Keyboard: Users may experience challenges when authoring a Composite Rule, including difficulties operating split buttons, combo boxes, context menus, info buttons, and grid dividers.<br><br>• 2.4.3 Focus Order: Some features in Data Reviewer may present challenges for users when navigating focusable components following a logical, sequential pattern as part of the Composite Rule Authoring and Deleting, and Export Batch Job to Attribute Rules workflows.<br><br>• 2.4.6 Headings and Labels: In some features, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user. At times there are labels that do not indicate a clear purpose of the control or input field.<br><br>• 2.5.3 Label in Name: Label inconsistencies with some components may present challenges for users.<br><br>• 3.2.1 On Focus: The focus changes context when checking "Attributed to Ignore" when working with Duplicate Feature rule settings in the Composite Rule Authoring workflow. The context of the focus does not always change as expected.<br><br>• 3.2.3 Consistent Navigation: There are some inconsistencies when interacting with info icon buttons and using arrow keys to select combo box options.<br><br>• 3.2.4 Consistent Identification: When working with the Validation table and authoring Composite Rules, users may experience inconsistencies in identifying how many rules are present in the table and how errors and mandatory fields are identified.<br><br>• 3.3.1 Error Identification: Errors are not easily identifiable when they occur as they are not announced by screen readers. Hints to facilitate remediation |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | of errors are not provided in text, and there is a reliance of using color to help user identify where the error occurred.<br><br>• 3.3.2 Labels or Instructions: Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls.<br><br>• 3.3.3 Error Suggestion: Errors suggestions are not provided to help the user remediate errors that occur when authoring Composite Rules in Data Reviewer.<br><br>• 4.1.2 Name, Role, Value: Exceptions about announcements on state changes or interaction hints may occur when users interact with tables, checkboxes, combo boxes, mandatory fields, toggle buttons, and listed items. Dividers in the Catalog View of Attribute Rules do not have a role defined nor hints about keyboard interaction.<br><br>• 4.1.3 Status Messages: Most features in the Composite Rule authoring and Export Batch Job to Attribute Rules workflows do not provide status messages with feedback to the user about actions that may have taken effect in the system, including adding or removing a check type rule in the Validation table, announcing verification processes taking place, announcing changes in live regions according to the current active check type, and announcing error related notifications. |
| **302.2 With Limited Vision**<br><br>Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited vision. | Partially Supports | A rating of Partially Supports has been given due to the following related WCAG criteria:<br><br>• 1.1.1 Non-text Content: Users may find some challenges identifying warning icon buttons, input dates in Calendar icon buttons and identifying mandatory fields with asterisk icons.<br><br>• 1.3.1 Info and Relationships: Users may experience challenges in identifying the labels associated with some buttons, grid sliders, controls that receive focus. Challenges may be present with the identification of tables, and table headers and values not being announced by the screen reader. Elements |

| Criteria | Conformance Level | Remarks and Explanations |
|----------|-------------------|--------------------------|
| | | such as headings and some content areas are also not announced by the assistive technology. |
| | | • 1.3.5 Identify Input Purpose: Expected user input for text fields is not consistently clear in labels. |
| | | • 1.4.1 Use of Color: As part of the Composite Rule Authoring and Deleting workflow in Data Reviewer, there is a validation table which relies on color to provide feedback of rules as the suer adds, verifies or fixes parameters. Challenges may be experienced in identifying when a rule passes or fails validation. |
| | | • 1.4.3 Contrast (Minimum): Some instances of warning notifications in Duplicate Vertex rule settings do not meet contrast requirements. |
| | | • 1.4.4 Resize Text: When larger text size is applied in the desktop application, there is some loss of visible content when working with the Validation table when users are authoring Composite Rules in the Catalog View. |
| | | • 1.4.10 Reflow: When text scale is increased at 200%, it may present challenges to the user when working with Composite Rules Authoring and Deleting workflow, in the Validation table, as not all the text is visible and no horizontal scroll control is provided. |
| | | • 1.4.13 Content on Hover or Focus: Users may experience challenges when interacting with 'info' icons, as they are only visibly displayed on hover and may receive focus while the icon remains hidden. |
| | | • 2.1.1 Keyboard: Users may experience challenges when authoring a Composite Rule, including difficulties operating split buttons, combo boxes, context menus, info buttons, and grid dividers. |
| | | • 2.4.3 Focus Order: Some features in Data Reviewer may present challenges for users when navigating focusable components following a logical, sequential pattern as part of the Composite Rule Authoring and Deleting, and Export Batch Job to Attribute Rules workflows. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | • 2.4.6 Headings and Labels: In some features, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user. At times there are labels that do not indicate a clear purpose of the control or input field. |
| | | • 2.5.3 Label in Name: Label inconsistencies with some components may present challenges for users. |
| | | • 3.2.1 On Focus: The focus changes context when checking "Attributed to Ignore" when working with Duplicate Feature rule settings in the Composite Rule Authoring workflow. The context of the focus does not always change as expected. |
| | | • 3.2.3 Consistent Navigation: There are some inconsistencies when interacting with info icon buttons and using arrow keys to select combo box options. |
| | | • 3.2.4 Consistent Identification: When working with the Validation table and authoring Composite Rules, users may experience inconsistencies in identifying how many rules are present in the table and how errors and mandatory fields are identified. |
| | | • 3.3.1 Error Identification: Errors are not easily identifiable when they occur as they are not announced by screen readers. Hints to facilitate remediation of errors are not provided in text, and there is a reliance of using color to help user identify where the error occurred. |
| | | • 3.3.2 Labels or Instructions: Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls. |
| | | • 3.3.3 Error Suggestion: Errors suggestions are not provided to help the user remediate errors that occur when authoring Composite Rules in Data Reviewer. |
| | | • 4.1.2 Name, Role, Value: Exceptions about announcements on state changes or interaction hints may occur when users interact with tables, checkboxes, combo boxes, mandatory fields, toggle buttons, and listed |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|

items. Dividers in the Catalog View of Attribute Rules do not have a role defined nor hints about keyboard interaction.

- 4.1.3 Status Messages: Most features in the Composite Rule authoring and Export Batch Job to Attribute Rules workflows do not provide status messages with feedback to the user about actions that may have taken effect in the system, including adding or removing a check type rule in the Validation table, announcing verification processes taking place, announcing changes in live regions according to the current active check type, and announcing error related notifications.

**302.3 Without Perception of Color**

Where a visual mode of operation is provided, ICT shall provide at least one visual mode of operation that does not require user perception of color.

Partially Supports

A rating of Partially Supports has been given due to the following related WCAG criteria:

- 1.4.1 Use of Color: As part of the Composite Rule Authoring and Deleting workflow in Data Reviewer, there is a validation table which relies on color to provide feedback of rules as the suer adds, verifies or fixes parameters. Challenges may be experienced in identifying when a rule passes or fails validation.

- 1.4.3 Contrast (Minimum): Some instances of warning notifications in Duplicate Vertex rule settings do not meet contrast requirements.

- 2.4.3 Focus Order: Some features in Data Reviewer may present challenges for users when navigating focusable components following a logical, sequential pattern as part of the Composite Rule Authoring and Deleting, and Export Batch Job to Attribute Rules workflows.

- 2.4.6 Headings and Labels: In some features, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user. At times there are labels that do not indicate a clear purpose of the control or input field.

- 2.4.7 Focus Visible: The focus is difficult to identify consistently when working in the Validation table in the Catalog View, or when using the Expression buttons in the New Composite Rule panel.

- 2.5.3 Label in Name: Label inconsistencies with some components may present challenges for users.

- 3.2.3 Consistent Navigation: There are some inconsistencies when interacting with info icon buttons and using arrow keys to select combo box options.

- 3.2.4 Consistent Identification: When working with the Validation table and authoring Composite Rules, users may experience inconsistencies in identifying how many rules are present in the table and how errors and mandatory fields are identified.

- 3.3.1 Error Identification: Errors are not easily identifiable when they occur as they are not announced by screen readers. Hints to facilitate remediation

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | of errors are not provided in text, and there is a reliance of using color to help user identify where the error occurred. |
| | | • 4.1.2 Name, Role, Value: Exceptions about announcements on state changes or interaction hints may occur when users interact with tables, checkboxes, combo boxes, mandatory fields, toggle buttons, and listed items. Dividers in the Catalog View of Attribute Rules do not have a role defined nor hints about keyboard interaction. |
| | | • 4.1.3 Status Messages: Most features in the Composite Rule authoring and Export Batch Job to Attribute Rules workflows do not provide status messages with feedback to the user about actions that may have taken effect in the system, including adding or removing a check type rule in the Validation table, announcing verification processes taking place, announcing changes in live regions according to the current active check type, and announcing error related notifications. |
| **302.4 Without Hearing**<br><br>Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that does not require user hearing. | Supports | The product does not require the use of hearing. |
| **302.5 With Limited Hearing**<br><br>Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited hearing. | Supports | The product does not require the use of hearing. |
| **302.6 Without Speech**<br><br>Where speech is used for input, control, or operation, ICT shall | Supports | The product does not require the use of speech. |

| Criteria | Conformance Level | Remarks and Explanations |
|----------|-------------------|--------------------------|
| provide at least one mode of operation that does not require user speech. | | |

**302.7 With Limited Manipulation**

Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that does not require fine motor control or simultaneous manual operations.

Partially Supports

A rating of Partially Supports has been given due to the following related WCAG criteria:

- 1.1.1 Non-text Content: Users may find some challenges identifying warning icon buttons, input dates in Calendar icon buttons and identifying mandatory fields with asterisk icons.

- 2.1.1 Keyboard: Users may experience challenges when authoring a Composite Rule, including difficulties operating split buttons, combo boxes, context menus, info buttons, and grid dividers.

- 2.4.3 Focus Order: Some features in Data Reviewer may present challenges for users when navigating focusable components following a logical, sequential pattern as part of the Composite Rule Authoring and Deleting, and Export Batch Job to Attribute Rules workflows.

- 2.4.6 Headings and Labels: In some features, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user. At times there are labels that do not indicate a clear purpose of the control or input field.

- 2.4.7 Focus Visible: The focus is difficult to identify consistently when working in the Validation table in the Catalog View, or when using the Expression buttons in the New Composite Rule panel.

- 2.5.3 Label in Name: Label inconsistencies with some components may present challenges for users.

- 3.2.1 On Focus: The focus changes context when checking "Attributed to Ignore" when working with Duplicate Feature rule settings in the Composite Rule Authoring workflow. The context of the focus does not always change as expected.

- 3.2.3 Consistent Navigation: There are some inconsistencies when interacting with info icon buttons and using arrow keys to select combo box options.

- 3.2.4 Consistent Identification: When working with the Validation table and authoring Composite Rules, users may experience inconsistencies in

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|

identifying how many rules are present in the table and how errors and mandatory fields are identified.

- 3.3.1 Error Identification: Errors are not easily identifiable when they occur as they are not announced by screen readers. Hints to facilitate remediation of errors are not provided in text, and there is a reliance of using color to help user identify where the error occurred.

- 3.3.2 Labels or Instructions: Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls.

- 3.3.3 Error Suggestion: Errors suggestions are not provided to help the user remediate errors that occur when authoring Composite Rules in Data Reviewer.

- 4.1.2 Name, Role, Value: Exceptions about announcements on state changes or interaction hints may occur when users interact with tables, checkboxes, combo boxes, mandatory fields, toggle buttons, and listed items. Dividers in the Catalog View of Attribute Rules do not have a role defined nor hints about keyboard interaction.

- 4.1.3 Status Messages: Most features in the Composite Rule authoring and Export Batch Job to Attribute Rules workflows do not provide status messages with feedback to the user about actions that may have taken effect in the system, including adding or removing a check type rule in the Validation table, announcing verification processes taking place, announcing changes in live regions according to the current active check type, and announcing error related notifications.

**302.8 With Limited Reach and Strength**

Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that is operable with limited reach and limited strength.

Partially Supports

A rating of Partially Supports has been given due to the following related WCAG criteria:

- 1.1.1 Non-text Content: Users may find some challenges identifying warning icon buttons, input dates in Calendar icon buttons and identifying mandatory fields with asterisk icons.

- 2.1.1 Keyboard: Users may experience challenges when authoring a Composite Rule, including difficulties operating split buttons, combo boxes, context menus, info buttons, and grid dividers.

- 2.4.3 Focus Order: Some features in Data Reviewer may present challenges for users when navigating focusable components following a logical, sequential pattern as part of the Composite Rule Authoring and Deleting, and Export Batch Job to Attribute Rules workflows.

- 2.4.6 Headings and Labels: In some features, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user. At times there are labels that do not indicate a clear purpose of the control or input field.

- 2.4.7 Focus Visible: The focus is difficult to identify consistently when working in the Validation table in the Catalog View, or when using the Expression buttons in the New Composite Rule panel.

- 2.5.3 Label in Name: Label inconsistencies with some components may present challenges for users.

- 3.2.1 On Focus: The focus changes context when checking "Attributed to Ignore" when working with Duplicate Feature rule settings in the Composite Rule Authoring workflow. The context of the focus does not always change as expected.

- 3.2.3 Consistent Navigation: There are some inconsistencies when interacting with info icon buttons and using arrow keys to select combo box options.

- 3.2.4 Consistent Identification: When working with the Validation table and authoring Composite Rules, users may experience inconsistencies in

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | identifying how many rules are present in the table and how errors and mandatory fields are identified. |
| | | • 3.3.1 Error Identification: Errors are not easily identifiable when they occur as they are not announced by screen readers. Hints to facilitate remediation of errors are not provided in text, and there is a reliance of using color to help user identify where the error occurred. |
| | | • 3.3.2 Labels or Instructions: Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls. |
| | | • 3.3.3 Error Suggestion: Errors suggestions are not provided to help the user remediate errors that occur when authoring Composite Rules in Data Reviewer. |
| | | • 4.1.2 Name, Role, Value: Exceptions about announcements on state changes or interaction hints may occur when users interact with tables, checkboxes, combo boxes, mandatory fields, toggle buttons, and listed items. Dividers in the Catalog View of Attribute Rules do not have a role defined nor hints about keyboard interaction. |
| | | • 4.1.3 Status Messages: Most features in the Composite Rule authoring and Export Batch Job to Attribute Rules workflows do not provide status messages with feedback to the user about actions that may have taken effect in the system, including adding or removing a check type rule in the Validation table, announcing verification processes taking place, announcing changes in live regions according to the current active check type, and announcing error related notifications. |
| **302.9 With Limited Language, Cognitive, and Learning Abilities**<br><br>ICT shall provide features making its use by individuals with limited cognitive, language, | Partially Supports | A rating of Partially Supports has been given due to the following related WCAG criteria:<br><br>• 1.1.1 Non-text Content: Users may find some challenges identifying warning icon buttons, input dates in Calendar icon buttons and identifying mandatory fields with asterisk icons. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| and learning abilities simpler and easier. | | • 1.3.1 Info and Relationships: Users may experience challenges in identifying the labels associated with some buttons, grid sliders, controls that receive focus. Challenges may be present with the identification of tables, and table headers and values not being announced by the screen reader. Elements such as headings and some content areas are also not announced by the assistive technology.<br><br>• 1.3.5 Identify Input Purpose: Expected user input for text fields is not consistently clear in labels.<br><br>• 1.4.1 Use of Color: As part of the Composite Rule Authoring and Deleting workflow in Data Reviewer, there is a validation table which relies on color to provide feedback of rules as the suer adds, verifies or fixes parameters. Challenges may be experienced in identifying when a rule passes or fails validation.<br><br>• 1.4.3 Contrast (Minimum): Some instances of warning notifications in Duplicate Vertex rule settings do not meet contrast requirements.<br><br>• 1.4.4 Resize Text: When larger text size is applied in the desktop application, there is some loss of visible content when working with the Validation table when users are authoring Composite Rules in the Catalog View.<br><br>• 1.4.10 Reflow: When text scale is increased at 200%, it may present challenges to the user when working with Composite Rules Authoring and Deleting workflow, in the Validation table, as not all the text is visible and no horizontal scroll control is provided.<br><br>• 1.4.13 Content on Hover or Focus: Users may experience challenges when interacting with 'info' icons, as they are only visibly displayed on hover and may receive focus while the icon remains hidden.<br><br>• 2.1.1 Keyboard: Users may experience challenges when authoring a Composite Rule, including difficulties operating split buttons, combo boxes, context menus, info buttons, and grid dividers. |

| Criteria | Conformance Level | Remarks and Explanations |
| --- | --- | --- |
| | | • 2.4.3 Focus Order: Some features in Data Reviewer may present challenges for users when navigating focusable components following a logical, sequential pattern as part of the Composite Rule Authoring and Deleting, and Export Batch Job to Attribute Rules workflows.<br><br>• 2.4.6 Headings and Labels: In some features, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user. At times there are labels that do not indicate a clear purpose of the control or input field.<br><br>• 2.4.7 Focus Visible: The focus is difficult to identify consistently when working in the Validation table in the Catalog View, or when using the Expression buttons in the New Composite Rule panel.<br><br>• 2.5.3 Label in Name: Label inconsistencies with some components may present challenges for users.<br><br>• 3.2.1 On Focus: The focus changes context when checking "Attributed to Ignore" when working with Duplicate Feature rule settings in the Composite Rule Authoring workflow. The context of the focus does not always change as expected.<br><br>• 3.2.3 Consistent Navigation: There are some inconsistencies when interacting with info icon buttons and using arrow keys to select combo box options.<br><br>• 3.2.4 Consistent Identification: When working with the Validation table and authoring Composite Rules, users may experience inconsistencies in identifying how many rules are present in the table and how errors and mandatory fields are identified.<br><br>• 3.3.1 Error Identification: Errors are not easily identifiable when they occur as they are not announced by screen readers. Hints to facilitate remediation of errors are not provided in text, and there is a reliance of using color to help user identify where the error occurred. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | • 3.3.2 Labels or Instructions: Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls.<br><br>• 3.3.3 Error Suggestion: Errors suggestions are not provided to help the user remediate errors that occur when authoring Composite Rules in Data Reviewer.<br><br>• 4.1.2 Name, Role, Value: Exceptions about announcements on state changes or interaction hints may occur when users interact with tables, checkboxes, combo boxes, mandatory fields, toggle buttons, and listed items. Dividers in the Catalog View of Attribute Rules do not have a role defined nor hints about keyboard interaction.<br><br>• 4.1.3 Status Messages: Most features in the Composite Rule authoring and Export Batch Job to Attribute Rules workflows do not provide status messages with feedback to the user about actions that may have taken effect in the system, including adding or removing a check type rule in the Validation table, announcing verification processes taking place, announcing changes in live regions according to the current active check type, and announcing error related notifications. |

# Chapter 4: Hardware

ArcGIS Data Reviewer is not impacted by Chapter 4: Hardware. This section has been removed from the report.

# Chapter 5: Software

Table 9: Revised Section 508 Chapter 5 - Software

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **501.1 Scope – Incorporation of WCAG 2.0 AA** | | See information in WCAG 2.1 report sections |
| **502 Interoperability with Assistive Technology** | | |
| **502.2.1 User Control of Accessibility Features**<br><br>Platform software shall provide user control over platform features that are defined in the platform documentation as accessibility features. | Not Applicable | The product is not platform software |
| **502.2.2 No Disruption of Accessibility Features**<br><br>Software shall not disrupt platform features that are defined in the platform documentation as accessibility features. | Supports | The product does not disrupt platform accessibility features. |
| **502.3 Accessibility Services** | | |
| **502.3.1 Object Information**<br><br>The object role, state(s), properties, boundary, name, and description shall be programmatically determinable. | Partially Supports | As noted in 1.3.1 Info and Relationships and 4.1.2 Name, Role, Value, most objects in the product do not expose name, role, or state information to assistive technology. |
| **502.3.2 Modification of Object Information**<br><br>States and properties that can be set by the user shall be capable of being set programmatically, including through assistive technology. | Partially Supports | As noted in 1.3.1 Info and Relationships and 4.1.2 Name, Role, Value, most objects in the product do not expose name, role, or state information to assistive technology many objects cannot be modified by keyboard. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **502.3.3 Row, Column, and Headers**<br><br>If an object is in a data table, the occupied rows and columns, and any headers associated with those rows or columns, shall be programmatically determinable. | Partially Supports | As noted in 1.3.1 Info and Relationships, many table elements do not provide programmatic information about structure and relationships. |
| **502.3.4 Values**<br><br>Any current value(s), and any set or range of allowable values associated with an object, shall be programmatically determinable. | Does Not Support | As noted in 4.1.2 Name, Role, Value, many values are not perceivable. |
| **502.3.5 Modification of Values**<br><br>Values that can be set by the user shall be capable of being set programmatically, including through assistive technology. | Partially Supports | As noted in 2.1.1 Keyboard and 4.1.2 Name, Role, Value, many values cannot be modified by keyboard users. |
| **502.3.6 Label Relationships**<br><br>Any relationship that a component has as a label for another component, or of being labeled by another component, shall be programmatically determinable. | Partially Supports | As noted in 1.3.1 Info and Relationships and 4.1.2 Name, Role, Value, some elements are not properly labelled. |
| **502.3.7 Hierarchical Relationships**<br><br>Any hierarchical (parent-child) relationship that a component has as a container for, or being contained by, another component shall be programmatically determinable. | Partially Supports | As noted in 1.3.1 Info and Relationships, some structural hierarchical elements are not properly implemented. |
| **502.3.8 Text**<br><br>The content of text objects, text attributes, and the boundary of text rendered to the screen, shall be programmatically determinable. | Partially Supports | As noted in 1.1.1 Non-text Content, 1.3.1 Info and Relationships, and 4.1.2 Name, Role, Value, many text headings are only visually presented and many controls are not properly implemented. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **502.3.9 Modification of Text**<br><br>Text that can be set by the user shall be capable of being set programmatically, including through assistive technology. | Partially Supports | As noted in 2.1.1 Keyboard and 4.1.2 Name, Role, Value, some inputs do not provide accessible names to modify input. |
| **502.3.10 List of Actions**<br><br>A list of all actions that can be executed on an object shall be programmatically determinable. | Does Not Support | As noted in 3.3.2 Labels or Instructions and 4.1.2 Name, Role, Value, many custom controls are missing roles, names and values/states. |
| **502.3.11 Actions on Objects**<br><br>Applications shall allow assistive technology to programmatically execute available actions on objects. | Partially Supports | As noted in 2.1.1 Keyboard and 4.1.2 Name, Role, Value, many custom controls are missing roles, names and values/states. |
| **502.3.12 Focus Cursor**<br><br>Applications shall expose information and mechanisms necessary to track focus, text insertion point, and selection attributes of user interface components. | Partially Supports | As noted in 2.4.7 Focus Visible and 4.1.2 Name, Role, Value, some elements lack support for focus cursor visibility. |
| **502.3.13 Modification of Focus Cursor**<br><br>Focus, text insertion point, and selection attributes that can be set by the user shall be capable of being set programmatically, including through the use of assistive technology. | Partially Supports | As noted in 2.1.1 Keyboard and 4.1.2 Name, Role, Value, many controls are not in the focus order. |
| **502.3.14 Event Notification**<br><br>Notification of events relevant to user interactions, including but not limited to, changes in the component's state(s), value, name, description, or boundary, shall be available to assistive technology. | Does Not Support | As noted in 2.1.1 Keyboard, 2.1.2 No Keyboard Trap and 4.1.2 Name, Role, Value, dynamically changing content is not communicated to assistive technologies. |
| **502.4 Platform Accessibility Features** | Not Applicable | The product is not platform software |
| **503 Applications** | | |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **503.2 User Preferences**<br><br>Applications shall permit user preferences from platform settings for color, contrast, font type, font size, and focus cursor. EXCEPTION: Applications that are designed to be isolated from their underlying platform software, including Web applications, shall not be required to conform to 503.2. | Not Applicable | |
| **503.3 Alternative User Interfaces**<br><br>Where an application provides an alternative user interface that functions as assistive technology, the application shall use platform and other industry standard accessibility services. | Not Applicable | |
| **503.4 User Controls for Captions and Audio Description** | | |
| **503.4.1 Caption Controls**<br><br>Where user controls are provided for volume adjustment, ICT shall provide user controls for the selection of captions at the same menu level as the user controls for volume or program selection. | Not Applicable | |
| **503.4.2 Audio Description Controls**<br><br>Where user controls are provided for program selection, ICT shall provide user controls for the selection of audio descriptions at the same menu level as the user controls for volume or program selection. | Not Applicable | |
| **504 Authoring Tools** | | |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **504.2 Content Creation or Editing**<br><br>Authoring tools shall provide a mode of operation to create or edit content that conforms to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1) for all supported features and, as applicable, to file formats supported by the authoring tool. Authoring tools shall permit authors the option of overriding information required for accessibility.<br><br>Exception: Authoring tools shall not be required to conform to 504.2 when used to directly edit plain text source code. | See WCAG conformance levels | See information in WCAG 2.1 report sections |
| **504.2.1 Preservation of Information Provided for Accessibility in Format Conversion**<br><br>Authoring tools shall, when converting content from one format to another or saving content in multiple formats, preserve the information required for accessibility to the extent that the information is supported by the destination format. | See WCAG conformance levels | See information in WCAG 2.1 report sections |
| **504.2.2 PDF Export**<br><br>Authoring tools capable of exporting PDF files that conform to ISO 32000–1:2008 (PDF 1.7) shall also be capable of exporting PDF files that conform to ANSI/AIIM/ISO 14289–1:2016 (PDF/UA– 1) (incorporated by reference, see 702.3.1). | Partially Supports | |
| **504.3 Prompts**<br><br>Authoring tools shall provide a mode of operation that prompts authors to create content that conforms to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1) for supported features and, as applicable, to file formats supported by the authoring tool. | Partially Supports | See information throughout WCAG report. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **504.4 Templates**<br><br>Where templates are provided, templates allowing content creation that conforms to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1) shall be provided for a range of template uses for supported features and, as applicable, to file formats supported by the authoring tool. | Partially Supports | See information throughout WCAG report. |

# [Chapter 6](): Support Documentation and Services

The language included in this section is based on an internal evaluation of the ArcGIS Data Reviewer support documentation and services.

Table 10: Revised Section 508 Chapter 6 - Support Documentation and Services

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **602 Support Documentation** | | |
| **602.2 Accessibility and Compatibility Features**<br><br>Documentation shall list and explain how to use the accessibility and compatibility features required by Chapters 4 and 5. Documentation shall include accessibility features that are built-in and accessibility features that provide compatibility with assistive technology. | Partially Supports | Web-based electronic support documentation is available for this product. Some information pertaining accessibility features or assistive technology compatibility with built-in features found in Chapter 5: Software are not included in documentation. |
| **602.3 Electronic Support Documentation**<br><br>Documentation in electronic format, including Web-based self-service support, shall conform to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1). | Supports | Web-based electronic support documentation is available for this product. |
| **602.4 Alternate Formats for Non-Electronic Support Documentation**<br><br>Where support documentation is only provided in non-electronic formats, alternate formats usable by individuals with disabilities shall be provided upon request. | Not Applicable | Web-based electronic support documentation is available for this product. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **603 Support Services** | | |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **603.2 Information on Accessibility and Compatibility Features**<br><br>ICT support services shall include information on the accessibility and compatibility features required by 602.2. | Supports | Technical support is available directly to the user for this product, and Esri Accessibility contact information is provided in this report. |
| **603.3 Accommodation of Communication Needs**<br><br>Support services shall be provided directly to the user or through a referral to a point of contact. Such ICT support services shall accommodate the communication needs of individuals with disabilities. | Supports | Technical support is available directly to the user for this product, and Esri Accessibility contact information is provided in this report. |

# EN 301 549 Report

## Chapter 4: Functional Performance Statements (FPS)

Table 11: EN 301 549 Chapter 4 - Functional Performance Statements

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **4.2.1 Usage Without Vision**<br><br>Where ICT provides visual modes of operation, the ICT provides at least one mode of operation that does not require vision. This is essential for users without vision and benefits many more users in different situations. | Partially Supports | A rating of Partially Supports has been given due to the following related WCAG criteria:<br><br>• 1.1.1 Non-text Content: Users may find some challenges identifying warning icon buttons, input dates in Calendar icon buttons and identifying mandatory fields with asterisk icons.<br><br>• 1.3.1 Info and Relationships: Users may experience challenges in identifying the labels associated with some buttons, grid sliders, controls that receive focus. Challenges may be present with the identification of tables, and table headers and values not being announced by the screen reader. Elements such as headings and some content areas are also not announced by the assistive technology.<br><br>• 1.3.5 Identify Input Purpose: Expected user input for text fields is not consistently clear in labels.<br><br>• 1.4.1 Use of Color: As part of the Composite Rule Authoring and Deleting workflow in Data Reviewer, there is a validation table which relies on color to provide feedback of rules as the suer adds, verifies or fixes parameters. Challenges may be experienced in identifying when a rule passes or fails validation.<br><br>• 1.4.10 Reflow: When text scale is increased at 200%, it may present challenges to the user when working with Composite Rules Authoring and Deleting workflow, in the Validation table, as not all the text is visible and no horizontal scroll control is provided. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | • 1.4.13 Content on Hover or Focus: Users may experience challenges when interacting with 'info' icons, as they are only visibly displayed on hover and may receive focus while the icon remains hidden. |
| | | • 2.1.1 Keyboard: Users may experience challenges when authoring a Composite Rule, including difficulties operating split buttons, combo boxes, context menus, info buttons, and grid dividers. |
| | | • 2.4.3 Focus Order: Some features in Data Reviewer may present challenges for users when navigating focusable components following a logical, sequential pattern as part of the Composite Rule Authoring and Deleting, and Export Batch Job to Attribute Rules workflows. |
| | | • 2.4.6 Headings and Labels: In some features, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user. At times there are labels that do not indicate a clear purpose of the control or input field. |
| | | • 2.5.3 Label in Name: Label inconsistencies with some components may present challenges for users. |
| | | • 3.2.1 On Focus: The focus changes context when checking "Attributed to Ignore" when working with Duplicate Feature rule settings in the Composite Rule Authoring workflow. The context of the focus does not always change as expected. |
| | | • 3.2.3 Consistent Navigation: There are some inconsistencies when interacting with info icon buttons and using arrow keys to select combo box options. |
| | | • 3.2.4 Consistent Identification: When working with the Validation table and authoring Composite Rules, users may experience inconsistencies in identifying how many rules are present in the table and how errors and mandatory fields are identified. |
| | | • 3.3.1 Error Identification: Errors are not easily identifiable when they occur as they are not announced by screen readers. Hints to facilitate |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | remediation of errors are not provided in text, and there is a reliance of using color to help user identify where the error occurred. |
| | | • 3.3.2 Labels or Instructions: Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls. |
| | | • 3.3.3 Error Suggestion: Errors suggestions are not provided to help the user remediate errors that occur when authoring Composite Rules in Data Reviewer. |
| | | • 4.1.2 Name, Role, Value: Exceptions about announcements on state changes or interaction hints may occur when users interact with tables, checkboxes, combo boxes, mandatory fields, toggle buttons, and listed items. Dividers in the Catalog View of Attribute Rules do not have a role defined nor hints about keyboard interaction. |
| | | • 4.1.3 Status Messages: Most features in the Composite Rule authoring and Export Batch Job to Attribute Rules workflows do not provide status messages with feedback to the user about actions that may have taken effect in the system, including adding or removing a check type rule in the Validation table, announcing verification processes taking place, announcing changes in live regions according to the current active check type, and announcing error related notifications. |
| **4.2.2 Usage With Limited Vision**<br><br>Where ICT provides visual modes of operation, the ICT provides features that enable users to make better use of their limited vision. This is essential for users with limited vision and benefits many more users in different situations. | Partially Supports | A rating of Partially Supports has been given due to the following related WCAG criteria:<br><br>• 1.1.1 Non-text Content: Users may find some challenges identifying warning icon buttons, input dates in Calendar icon buttons and identifying mandatory fields with asterisk icons.<br><br>• 1.3.1 Info and Relationships: Users may experience challenges in identifying the labels associated with some buttons, grid sliders, controls that receive focus. Challenges may be present with the identification of tables, and table headers and values not being announced by the screen |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|

reader. Elements such as headings and some content areas are also not announced by the assistive technology.

- 1.3.5 Identify Input Purpose: Expected user input for text fields is not consistently clear in labels.

- 1.4.1 Use of Color: As part of the Composite Rule Authoring and Deleting workflow in Data Reviewer, there is a validation table which relies on color to provide feedback of rules as the suer adds, verifies or fixes parameters. Challenges may be experienced in identifying when a rule passes or fails validation.

- 1.4.3 Contrast (Minimum): Some instances of warning notifications in Duplicate Vertex rule settings do not meet contrast requirements.

- 1.4.4 Resize Text: When larger text size is applied in the desktop application, there is some loss of visible content when working with the Validation table when users are authoring Composite Rules in the Catalog View.

- 1.4.10 Reflow: When text scale is increased at 200%, it may present challenges to the user when working with Composite Rules Authoring and Deleting workflow, in the Validation table, as not all the text is visible and no horizontal scroll control is provided.

- 1.4.13 Content on Hover or Focus: Users may experience challenges when interacting with 'info' icons, as they are only visibly displayed on hover and may receive focus while the icon remains hidden.

- 2.1.1 Keyboard: Users may experience challenges when authoring a Composite Rule, including difficulties operating split buttons, combo boxes, context menus, info buttons, and grid dividers.

- 2.4.3 Focus Order: Some features in Data Reviewer may present challenges for users when navigating focusable components following a logical, sequential pattern as part of the Composite Rule Authoring and Deleting, and Export Batch Job to Attribute Rules workflows.

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | • 2.4.6 Headings and Labels: In some features, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user. At times there are labels that do not indicate a clear purpose of the control or input field. |
| | | • 2.5.3 Label in Name: Label inconsistencies with some components may present challenges for users. |
| | | • 3.2.1 On Focus: The focus changes context when checking "Attributed to Ignore" when working with Duplicate Feature rule settings in the Composite Rule Authoring workflow. The context of the focus does not always change as expected. |
| | | • 3.2.3 Consistent Navigation: There are some inconsistencies when interacting with info icon buttons and using arrow keys to select combo box options. |
| | | • 3.2.4 Consistent Identification: When working with the Validation table and authoring Composite Rules, users may experience inconsistencies in identifying how many rules are present in the table and how errors and mandatory fields are identified. |
| | | • 3.3.1 Error Identification: Errors are not easily identifiable when they occur as they are not announced by screen readers. Hints to facilitate remediation of errors are not provided in text, and there is a reliance of using color to help user identify where the error occurred. |
| | | • 3.3.2 Labels or Instructions: Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls. |
| | | • 3.3.3 Error Suggestion: Errors suggestions are not provided to help the user remediate errors that occur when authoring Composite Rules in Data Reviewer. |
| | | • 4.1.2 Name, Role, Value: Exceptions about announcements on state changes or interaction hints may occur when users interact with tables, checkboxes, combo boxes, mandatory fields, toggle buttons, and listed |

| Criteria | Conformance Level | Remarks and Explanations |
|----------|-------------------|--------------------------|

items. Dividers in the Catalog View of Attribute Rules do not have a role defined nor hints about keyboard interaction.

- 4.1.3 Status Messages: Most features in the Composite Rule authoring and Export Batch Job to Attribute Rules workflows do not provide status messages with feedback to the user about actions that may have taken effect in the system, including adding or removing a check type rule in the Validation table, announcing verification processes taking place, announcing changes in live regions according to the current active check type, and announcing error related notifications.

**4.2.3 Usage Without Perception of Color**

Where ICT provides visual modes of operation, the ICT provides a visual mode of operation that does not require user perception of color. This is essential for users with limited color perception and benefits many more users in different

situations.

Partially Supports

A rating of Partially Supports has been given due to the following related WCAG criteria:

- 1.4.1 Use of Color: As part of the Composite Rule Authoring and Deleting workflow in Data Reviewer, there is a validation table which relies on color to provide feedback of rules as the suer adds, verifies or fixes parameters. Challenges may be experienced in identifying when a rule passes or fails validation.

- 1.4.3 Contrast (Minimum): Some instances of warning notifications in Duplicate Vertex rule settings do not meet contrast requirements.

- 2.4.3 Focus Order: Some features in Data Reviewer may present challenges for users when navigating focusable components following a logical, sequential pattern as part of the Composite Rule Authoring and Deleting, and Export Batch Job to Attribute Rules workflows.

- 2.4.6 Headings and Labels: In some features, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user. At times there are labels that do not indicate a clear purpose of the control or input field.

- 2.4.7 Focus Visible: The focus is difficult to identify consistently when working in the Validation table in the Catalog View, or when using the Expression buttons in the New Composite Rule panel.

- 2.5.3 Label in Name: Label inconsistencies with some components may present challenges for users.

- 3.2.3 Consistent Navigation: There are some inconsistencies when interacting with info icon buttons and using arrow keys to select combo box options.

- 3.2.4 Consistent Identification: When working with the Validation table and authoring Composite Rules, users may experience inconsistencies in identifying how many rules are present in the table and how errors and mandatory fields are identified.

- 3.3.1 Error Identification: Errors are not easily identifiable when they occur as they are not announced by screen readers. Hints to facilitate

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | remediation of errors are not provided in text, and there is a reliance of using color to help user identify where the error occurred.<br><br>• 4.1.2 Name, Role, Value: Exceptions about announcements on state changes or interaction hints may occur when users interact with tables, checkboxes, combo boxes, mandatory fields, toggle buttons, and listed items. Dividers in the Catalog View of Attribute Rules do not have a role defined nor hints about keyboard interaction.<br><br>• 4.1.3 Status Messages: Most features in the Composite Rule authoring and Export Batch Job to Attribute Rules workflows do not provide status messages with feedback to the user about actions that may have taken effect in the system, including adding or removing a check type rule in the Validation table, announcing verification processes taking place, announcing changes in live regions according to the current active check type, and announcing error related notifications. |
| **4.2.4 Usage Without Hearing**<br><br>Where ICT provides auditory modes of operation, the ICT provides at least one mode of operation that does not require hearing. This is essential for users without hearing and benefits many more users in different situations. | Supports | The product does not require the use of hearing. |
| **4.2.5 Usage With Limited Hearing**<br><br>Where ICT provides auditory modes of operation, the ICT provides enhanced audio features. This is essential for users with limited hearing and benefits many more users in different situations. | Supports | The product does not require the use of hearing. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **4.2.6 Usage With No or Limited Vocal Capacity**<br><br>Where ICT requires vocal input from users, the ICT provides at least one mode of operation that does not require them to generate vocal output. This is essential users with no or limited vocal capability and benefits many more users in different situations. | Supports | The product does not require the use of speech. |

**4.2.7 Usage With Limited Manipulation or Strength**

Where ICT requires manual actions, the ICT provides features that enable users to make use of the ICT through alternative actions not requiring manipulation, simultaneous action or hand strength. This is essential for users with limited manipulation or strength and benefits many more users in different situations.

Partially Supports

A rating of Partially Supports has been given due to the following related WCAG criteria:

- 1.1.1 Non-text Content: Users may find some challenges identifying warning icon buttons, input dates in Calendar icon buttons and identifying mandatory fields with asterisk icons.

- 2.1.1 Keyboard: Users may experience challenges when authoring a Composite Rule, including difficulties operating split buttons, combo boxes, context menus, info buttons, and grid dividers.

- 2.4.3 Focus Order: Some features in Data Reviewer may present challenges for users when navigating focusable components following a logical, sequential pattern as part of the Composite Rule Authoring and Deleting, and Export Batch Job to Attribute Rules workflows.

- 2.4.6 Headings and Labels: In some features, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user. At times there are labels that do not indicate a clear purpose of the control or input field.

- 2.4.7 Focus Visible: The focus is difficult to identify consistently when working in the Validation table in the Catalog View, or when using the Expression buttons in the New Composite Rule panel.

- 2.5.3 Label in Name: Label inconsistencies with some components may present challenges for users.

- 3.2.1 On Focus: The focus changes context when checking "Attributed to Ignore" when working with Duplicate Feature rule settings in the Composite Rule Authoring workflow. The context of the focus does not always change as expected.

- 3.2.3 Consistent Navigation: There are some inconsistencies when interacting with info icon buttons and using arrow keys to select combo box options.

- 3.2.4 Consistent Identification: When working with the Validation table and authoring Composite Rules, users may experience inconsistencies in

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | identifying how many rules are present in the table and how errors and mandatory fields are identified. |

- 3.3.1 Error Identification: Errors are not easily identifiable when they occur as they are not announced by screen readers. Hints to facilitate remediation of errors are not provided in text, and there is a reliance of using color to help user identify where the error occurred.

- 3.3.2 Labels or Instructions: Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls.

- 3.3.3 Error Suggestion: Errors suggestions are not provided to help the user remediate errors that occur when authoring Composite Rules in Data Reviewer.

- 4.1.2 Name, Role, Value: Exceptions about announcements on state changes or interaction hints may occur when users interact with tables, checkboxes, combo boxes, mandatory fields, toggle buttons, and listed items. Dividers in the Catalog View of Attribute Rules do not have a role defined nor hints about keyboard interaction.

- 4.1.3 Status Messages: Most features in the Composite Rule authoring and Export Batch Job to Attribute Rules workflows do not provide status messages with feedback to the user about actions that may have taken effect in the system, including adding or removing a check type rule in the Validation table, announcing verification processes taking place, announcing changes in live regions according to the current active check type, and announcing error related notifications.

**4.2.8 Usage With Limited Reach**          Partially Supports          A rating of Partially Supports has been given due to the following related WCAG criteria:

Where ICT products are free-standing or installed, all the elements required for operation will need to be within reach of all users. This is essential for users with limited reach and benefits many more users in different situations.

- 1.1.1 Non-text Content: Users may find some challenges identifying warning icon buttons, input dates in Calendar icon buttons and identifying mandatory fields with asterisk icons.

- 2.1.1 Keyboard: Users may experience challenges when authoring a Composite Rule, including difficulties operating split buttons, combo boxes, context menus, info buttons, and grid dividers.

- 2.4.3 Focus Order: Some features in Data Reviewer may present challenges for users when navigating focusable components following a logical, sequential pattern as part of the Composite Rule Authoring and Deleting, and Export Batch Job to Attribute Rules workflows.

- 2.4.6 Headings and Labels: In some features, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user. At times there are labels that do not indicate a clear purpose of the control or input field.

- 2.4.7 Focus Visible: The focus is difficult to identify consistently when working in the Validation table in the Catalog View, or when using the Expression buttons in the New Composite Rule panel.

- 2.5.3 Label in Name: Label inconsistencies with some components may present challenges for users.

- 3.2.1 On Focus: The focus changes context when checking "Attributed to Ignore" when working with Duplicate Feature rule settings in the Composite Rule Authoring workflow. The context of the focus does not always change as expected.

- 3.2.3 Consistent Navigation: There are some inconsistencies when interacting with info icon buttons and using arrow keys to select combo box options.

- 3.2.4 Consistent Identification: When working with the Validation table and authoring Composite Rules, users may experience inconsistencies in

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | identifying how many rules are present in the table and how errors and mandatory fields are identified. |
| | | • 3.3.1 Error Identification: Errors are not easily identifiable when they occur as they are not announced by screen readers. Hints to facilitate remediation of errors are not provided in text, and there is a reliance of using color to help user identify where the error occurred. |
| | | • 3.3.2 Labels or Instructions: Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls. |
| | | • 3.3.3 Error Suggestion: Errors suggestions are not provided to help the user remediate errors that occur when authoring Composite Rules in Data Reviewer. |
| | | • 4.1.2 Name, Role, Value: Exceptions about announcements on state changes or interaction hints may occur when users interact with tables, checkboxes, combo boxes, mandatory fields, toggle buttons, and listed items. Dividers in the Catalog View of Attribute Rules do not have a role defined nor hints about keyboard interaction. |
| | | • 4.1.3 Status Messages: Most features in the Composite Rule authoring and Export Batch Job to Attribute Rules workflows do not provide status messages with feedback to the user about actions that may have taken effect in the system, including adding or removing a check type rule in the Validation table, announcing verification processes taking place, announcing changes in live regions according to the current active check type, and announcing error related notifications. |
| **4.2.9 Minimize Photosensitive Seizure Triggers**<br><br>Where ICT provides visual modes of operation, the ICT provides at least one mode of operation that minimizes the potential for | Supports | The product does not contain photosensitive seizure triggers or flashing content. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| triggering photosensitive seizures. This is essential for users with photosensitive seizure triggers. | | |
| **4.2.10 Usage With Limited Cognition, Language, or Learning**<br><br>The ICT provides features and/or presentation that makes it simpler and easier to understand, operate and use. This is essential for users with limited cognition, language or learning, and benefits many more users in different situations. | Partially Supports | A rating of Partially Supports has been given due to the following related WCAG criteria:<br><br>• 1.1.1 Non-text Content: Users may find some challenges identifying warning icon buttons, input dates in Calendar icon buttons and identifying mandatory fields with asterisk icons.<br><br>• 1.3.1 Info and Relationships: Users may experience challenges in identifying the labels associated with some buttons, grid sliders, controls that receive focus. Challenges may be present with the identification of tables, and table headers and values not being announced by the screen reader. Elements such as headings and some content areas are also not announced by the assistive technology.<br><br>• 1.3.5 Identify Input Purpose: Expected user input for text fields is not consistently clear in labels.<br><br>• 1.4.1 Use of Color: As part of the Composite Rule Authoring and Deleting workflow in Data Reviewer, there is a validation table which relies on color to provide feedback of rules as the suer adds, verifies or fixes parameters. Challenges may be experienced in identifying when a rule passes or fails validation.<br><br>• 1.4.3 Contrast (Minimum): Some instances of warning notifications in Duplicate Vertex rule settings do not meet contrast requirements.<br><br>• 1.4.4 Resize Text: When larger text size is applied in the desktop application, there is some loss of visible content when working with the Validation table when users are authoring Composite Rules in the Catalog View.<br><br>• 1.4.10 Reflow: When text scale is increased at 200%, it may present challenges to the user when working with Composite Rules Authoring |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|

and Deleting workflow, in the Validation table, as not all the text is visible and no horizontal scroll control is provided.

- 1.4.13 Content on Hover or Focus: Users may experience challenges when interacting with 'info' icons, as they are only visibly displayed on hover and may receive focus while the icon remains hidden.

- 2.1.1 Keyboard: Users may experience challenges when authoring a Composite Rule, including difficulties operating split buttons, combo boxes, context menus, info buttons, and grid dividers.

- 2.4.3 Focus Order: Some features in Data Reviewer may present challenges for users when navigating focusable components following a logical, sequential pattern as part of the Composite Rule Authoring and Deleting, and Export Batch Job to Attribute Rules workflows.

- 2.4.6 Headings and Labels: In some features, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user. At times there are labels that do not indicate a clear purpose of the control or input field.

- 2.4.7 Focus Visible: The focus is difficult to identify consistently when working in the Validation table in the Catalog View, or when using the Expression buttons in the New Composite Rule panel.

- 2.5.3 Label in Name: Label inconsistencies with some components may present challenges for users.

- 3.2.1 On Focus: The focus changes context when checking "Attributed to Ignore" when working with Duplicate Feature rule settings in the Composite Rule Authoring workflow. The context of the focus does not always change as expected.

- 3.2.3 Consistent Navigation: There are some inconsistencies when interacting with info icon buttons and using arrow keys to select combo box options.

- 3.2.4 Consistent Identification: When working with the Validation table and authoring Composite Rules, users may experience inconsistencies in

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| | | identifying how many rules are present in the table and how errors and mandatory fields are identified. |
| | | • 3.3.1 Error Identification: Errors are not easily identifiable when they occur as they are not announced by screen readers. Hints to facilitate remediation of errors are not provided in text, and there is a reliance of using color to help user identify where the error occurred. |
| | | • 3.3.2 Labels or Instructions: Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls. |
| | | • 3.3.3 Error Suggestion: Errors suggestions are not provided to help the user remediate errors that occur when authoring Composite Rules in Data Reviewer. |
| | | • 4.1.2 Name, Role, Value: Exceptions about announcements on state changes or interaction hints may occur when users interact with tables, checkboxes, combo boxes, mandatory fields, toggle buttons, and listed items. Dividers in the Catalog View of Attribute Rules do not have a role defined nor hints about keyboard interaction. |
| | | • 4.1.3 Status Messages: Most features in the Composite Rule authoring and Export Batch Job to Attribute Rules workflows do not provide status messages with feedback to the user about actions that may have taken effect in the system, including adding or removing a check type rule in the Validation table, announcing verification processes taking place, announcing changes in live regions according to the current active check type, and announcing error related notifications. |
| **4.2.11 Privacy**<br><br>Where ICT provides features for accessibility, the ICT maintains the privacy of users of these features at the same level as other users. | Supports | The product does not cause legal commitments or financial transactions for the user to occur, does not modify or delete user-controllable data in data storage systems, and does not submit user test responses. No spoken version of characters being mashed is available.  Use of headphones is not restricted in any way. |

# [Chapter 5](): Generic Requirements

ArcGIS Data Reviewer is not impacted by Chapter 5: Generic Requirements. This section has been removed from the report.

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# [Chapter 6](): ICT with Two-Way Voice Communication

ArcGIS Data Reviewer is not impacted by Chapter 6: ICT with Two-Way Voice Communication. This section has been removed from the report.

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# [Chapter 7](): ICT with Video Capabilities

ArcGIS Data Reviewer is not impacted by Chapter 7: ICT with Voice Capabilities. This section has been removed from the report.

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# [Chapter 8](): Hardware

ArcGIS Data Reviewer is not impacted by Chapter 8: Hardware. This section has been removed from the report.

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# [Chapter 9](): Web (see WCAG section)

This section has been removed from the report.

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# [Chapter 10](): Non-Web Documents

ArcGIS Data Reviewer is not impacted by Chapter 10: Non-Web Documents. This section has been removed from the report.

# [Chapter 11](): Software

This section has been removed from the report. Refer to Section 508 Chapter 5: Software section.

# Chapter 12: Documentation and Support Services

The language included in this section is based on an internal evaluation of the ArcGIS Data Reviewer support documentation and services.

Table 12: EN 301 549 Chapter 12 - Documentation and Support Services

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **12.1 Product Documentation** | | |
| **12.1.1 Accessibility and Compatibility Features**<br>Product documentation provided with the ICT whether provided separately or integrated within the ICT shall list and explain how to use the accessibility and compatibility features of the ICT. | Partially Supports | Web-based electronic support documentation is available for this product. Some information pertaining accessibility features or assistive technology compatibility with built-in features found in Chapter 5: Software are not included in documentation. |
| **12.1.2 Accessible Documentation**<br>Product documentation provided with the ICT shall be made available in at least one of the following electronic formats: web or non-web. | Supports | Web-based electronic support documentation is available for this product. |
| **12.2 Support Services** | | |
| **12.2.2 Information on Accessibility and Compatibility Features**<br>ICT support services shall provide information on the accessibility and compatibility features that are mentioned in the product documentation. | Supports | Technical support is available directly to the user for this product, and Esri Accessibility contact information is provided in this report. |
| **12.2.3 Effective Communication**<br>ICT support services shall accommodate the communication needs of individuals with disabilities either directly or through a referral point. | Supports | Technical support is available directly to the user for this product, and Esri Accessibility contact information is provided in this report. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| **12.2.4 Accessible Documentation**<br><br>Documentation provided by support services shall be made available in at least one of the following electronic formats: web or non-web. | Supports | Web-based electronic support documentation is available for this product. |