# Esri Accessibility Conformance Report ArcGIS Knowledge for ArcGIS Pro

Report Date: MAY 02, 2024

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## Esri Accessibility Conformance Report

#### **Product Information**

Product Name/Version: ArcGIS Knowledge for ArcGIS Pro

Report Template: International Edition VPAT® (based on version 2.5)

**Product Release Date:** November 7, 2023

Report Date: May 02, 2024

**Product Description:** ArcGIS Knowledge integrates graph and spatial analytics to support data discovery, collaborative investigations, link analysis, and information sharing across organizations. ArcGIS Knowledge allows users to create a knowledge graph in ArcGIS Enterprise using ArcGIS Pro. A knowledge graph allows users to create a model that simulates a real-world system in a nonspatial manner.

**Notes:** If user credentials in the active ArcGIS Enterprise portal include privileges to create content and to create knowledge graphs, they can create a knowledge graph. When users create a knowledge graph or add an existing knowledge graph to an ArcGIS Pro project, an investigation is created in the project that provides access to the knowledge graph in the ArcGIS Enterprise portal. This product does not contain any prerecorded or live audio-only and video-only content.

Please also refer to the Esri Accessibility Conformance Report for ArcGIS Pro located at <a href="https://www.esri.com/en-us/accessibility/conformance-reports">https://www.esri.com/en-us/accessibility/conformance-reports</a>.

**Evaluation Methods Used:** Testing ArcGIS Knowledge for ArcGIS Pro 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 Knowledge for ArcGIS Pro using, among other methodology, the screen reader JAWS 2024, exclusive use of the keyboard, and manual inspection of code. Functional testing of typical user workflows was also conducted.

#### **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.

#### 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.

#### Contact Information

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

Specific inquiries may be emailed to <a href="mailed:EsriAccessibility@esri.com">EsriAccessibility@esri.com</a>, or mailed to Esri, Contracts and Legal Department, 380 New York Street, Redlands, California 92373.

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### **Applicable Standards and Guidelines**

Table 1: Applicable Standards and Guidelines

Standards / Guidelines	Included In Report
Web Content Accessibility Guidelines 2.2	Level A (Yes) Level AA (Yes) Level AAA (No)
Revised Section 508 Standards	(Yes)
EN 301 549 (V3.2.1 - 2021)	(Yes)

# **Record of Changes**

Table 2: Record of Changes

Version	Date	Description of Changes
1.0	05/02/2024	Evaluation results and explanations updated by testing vendor (initial version).
2.0	06/10/2024	Updated to 2.5 VPAT® template and Esri ACR format.
2.1	06/24/2024	Evaluation results and explanations updated by certified accessibility professionals and Esri internal.

#### **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.	
	OR	
	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. This can only be used in WCAG Level AAA criteria.	

#### **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 web pages 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. This includes guidelines for <u>Text Alternatives</u>, <u>Time-based Media</u>, and <u>Adaptable</u> and <u>Distinguishable</u> content.

Table 4: WCAG Principle 1 Success Criteria - Perceivable

Criteria	Conformance Level	Remarks and Explanations
<ul> <li>1.1.1 Non-text Content (WCAG 2.0) (Level A)</li> <li>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: <ul> <li>Controls, Input</li> <li>Time-Based Media</li> <li>Test</li> <li>Sensory</li> <li>CAPTCHA</li> <li>Decoration, Formatting, Invisible</li> </ul> </li> </ul>	Partially Supports	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):  • Error images do not have a textual equivalent.  • An "Info" image has improper alternative text.
<ul> <li>1.2.1 Audio-only and Video-only (Prerecorded) (Level A)</li> <li>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: <ul> <li>Prerecorded Audio-only: An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content.</li> <li>Prerecorded Video-only: Either an alternative for time-based media or an audio track is provided that presents</li> </ul> </li> </ul>	Supports	The product does not currently contain pre-recorded audio-only or pre-recorded video-only content.

Criteria	Conformance Level	Remarks and Explanations
equivalent information for prerecorded video-only content.		
1.2.2 Captions (Prerecorded) (WCAG 2.0) (Level A) Captions are provided for all prerecorded audio content in	Supports The product does not currently contain pre-record content requiring synchronized captions.	The product does not currently contain pre-recorded content requiring synchronized captions.
synchronized media, except when the media is a media alternative for text and is clearly labeled as such.		
1.2.3 Audio Description or Media Alternative (Prerecorded) (WCAG 2.0) (Level A)	Supports	The product does not currently contain any prerecorded video content that would require audio
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.		description or a time-based media alternative.
1.2.4 Captions (Live) (WCAG 2.0) (Level AA)	Supports	The product does not currently contain live audio
Captions are provided for all live audio content in synchronized media.		content.
1.2.5 Audio Description (Prerecorded) (WCAG 2.0) (Level AA)	Supports	The product does not currently contain any prerecorded video content that would require audio
Audio description is provided for all prerecorded video content in synchronized media.		description.
1.3.1 Info and Relationships (WCAG 2.0) (Level A)	programmatic and/or textual inf structure and relationships. A ra Supports has been given for the • Inactive containers rece • The table under the "Pro	Most user interface elements in the product provide
Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text.		programmatic and/or textual information about structure and relationships. A rating of Partially Supports has been given for the following reason(s):
		<ul> <li>Inactive containers receive keyboard focus.</li> <li>The table under the "Properties" tab on the Investigation screen is not programmatically structured as a table.</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
		<ul> <li>Many form controls do not have proper labels.</li> <li>There is no text explaining the meaning of the</li> </ul>
		asterisk in forms.
1.3.2 Meaningful Sequence (WCAG 2.0) (Level A) When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined.	Partially Supports	The reading order of most content generally matches the visual and logical order, and/or can be programmatically determined. A rating of Partially Supports has been given due to the following:
		<ul> <li>The Create Investigation dialog contains a reading order that is not intuitive.</li> </ul>
1.3.3 Sensory Characteristics (WCAG 2.0) (Level A)	Supports	The product provides instructions for understanding
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.		and operating content that do not rely solely on sensory characteristics.
For requirements related to color, refer to Guideline 1.4.		
1.3.4 Orientation (WCAG 2.1) (Level AA)	to a sir	The product does not restrict its view and operation to a single display orientation and responds appropriately to screen orientation changes.
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.		
1.3.5 Identify Input Purpose (WCAG 2.1) (Level AA)	Supports	The product does not contain inputs that collect
The purpose of each input field collecting information about the user can be programmatically determined when:		information about the user.
The input field serves a purpose identified in <u>Input</u> <u>Purposes for User Interface Components</u> ; and		

Criteria	Conformance Level	Remarks and Explanations
<ul> <li>The content is implemented using technologies with support for identifying the expected meaning for form input data.</li> </ul>		
1.4.1 Use of Color (WCAG 2.0) (Level A)	the only visual means of conveying informat indicating an action, prompting a response, distinguishing a visual element. A rating of F	Throughout most of the product, color is not used as the only visual means of conveying information,
Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.		indicating an action, prompting a response, or distinguishing a visual element. A rating of Partially Supports has been given for the following reason(s
		<ul> <li>There are controls that use color alone to convey state information.</li> <li>There are error messages that use color alone to communicate that they are errors.</li> </ul>
1.4.2 Audio Control (WCAG 2.0) (Level A)	Supports	The product does not contain audio that plays
If any audio on a Web page 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.		automatically.
1.4.3 Contrast (Minimum) (WCAG 2.0) (Level AA)	Partially Supports	The product meets or exceeds minimum contrast
The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following:		ratios on most components containing text or images of text. A rating of Partially Supports has been given for the following reason(s):
<ul> <li>Large Text: Large-scale text and images of large-scale text have a contrast ratio of at least 3:1.</li> </ul>	<ul> <li>Some controls on hover do color contrast, such as "Clinew relationship" on the Rescreen.</li> <li>Some text does not have seen.</li> </ul>	
<ul> <li>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.</li> </ul>		<ul> <li>new relationship" on the Relationships screen.</li> <li>Some text does not have sufficient color contrast, such as "View details" on the</li> </ul>
<ul> <li>Logotypes: Text that is part of a logo or brand name has no minimum contrast requirement.</li> </ul>		

Criteria	Conformance Level	Remarks and Explanations
1.4.4 Resize text (WCAG 2.0) (Level AA)	Supports  Text can be resized without assistive technology to 200 percent without loss of content or functionality.	Text can be resized without assistive technology up
Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality.		
1.4.5 Images of Text (WCAG 2.0) (Level AA)	Supports Text is used to convey information rather than	
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:		images of text, except where a particular presentation of text is essential to the information being conveyed, such as in logotypes.
<ul> <li>Customizable: The image of text can be visually customized to the user's requirements.</li> </ul>		
<ul> <li>Essential: A particular presentation of text is essential to the information being conveyed (includes logotypes).</li> </ul>		
1.4.10 Reflow (WCAG 2.1) (Level AA)	Supports	Content in the product responds and reflows as
Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for (except for parts of the content which require two-dimensional layout for usage or meaning):		necessary when zoomed and does not require scrolling in two dimensions.
<ul> <li>Vertical scrolling content at a width equivalent to 320 CSS pixels</li> </ul>		
<ul> <li>Horizontal scrolling content at a height equivalent to 256 CSS pixels</li> </ul>		
1.4.11 Non-text Contrast (WCAG 2.1) (Level AA)	I	User interface components and meaningful graphics
The visual presentation of the following has a contrast ratio of at least 3:1 against adjacent color(s).		throughout the product do not have sufficient contrast. A rating of Does Not Support has been given for the following reason(s):
<ul> <li>User Interface Components: Visual information required to identify user interface components and states (except</li> </ul>		<ul> <li>Many focus indicators do not have sufficient color contrast against adjacent color(s).</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
<ul> <li>for inactive components or where the appearance of the component is determined by the user agent and not modified by the author).</li> <li>Graphical Objects: Parts of graphics required to understand the content (except when a particular presentation of graphics is essential to the information being conveyed).</li> </ul>		<ul> <li>Many controls, such as buttons, have insufficient color contrast against adjacent color(s).</li> <li>Many controls in different states, such as the selected state, have insufficient color contrast against adjacent colors.</li> <li>Many controls, such as checkboxes, have borders that have insufficient color contrast against adjacent colors.</li> </ul>
1.4.12 Text Spacing (WCAG 2.1) (Level AA)	Supports	The product is not implemented using markup
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:	Cappoint	languages.
<ul> <li>Line height (line spacing) to at least 1.5 times the font size.</li> </ul>		
<ul> <li>Spacing following paragraphs to at least 2 times the font size.</li> </ul>		
<ul> <li>Letter spacing (tracking) to at least 0.12 times the font size.</li> </ul>		
<ul> <li>Word spacing to at least 0.16 times the font size.</li> </ul>		
1.4.13 Content on Hover or Focus (WCAG 2.1) (Level AA)	1 1	Content made visible via hover or focus is
Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:		dismissible, hoverable, and persistent throughout the product.
<ul> <li>Dismissible: A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content</li> </ul>		

Criteria Conformance Level Remarks and Explanations

communicates an input error or does not obscure or replace other content.

- Hoverable: If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing.
- Persistent: The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid.

## WCAG Principle 2: Operable

User interface components and navigation must be operable. This includes guidelines for <u>Keyboard Accessibility</u>, providing for <u>Enough Time</u> and <u>Seizures and Physical Reactions</u>, and content that is <u>Navigable</u> for various <u>Input Modalities</u>.

Table 5: WCAG Principle 2 Success Criteria - Operable

Criteria	Conformance Level	Remarks and Explanations
2.1.1 Keyboard (WCAG 2.0) (Level A)  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	<ul> <li>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):</li> <li>Many buttons are not keyboard accessible, such as the "x" close button on the Centrality screen.</li> <li>Some menu items are not keyboard accessible, such as "Centrality Link Chart".</li> <li>Some sortable controls are not keyboard accessible, such as "Degree" on the Centrality screen.</li> </ul>
2.1.2 No Keyboard Trap (WCAG 2.0) (Level A)	Supports	The product does not feature any content or controls
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.		that cause a keyboard trap.
2.1.4 Character Key Shortcuts (WCAG 2.1) (Level A)	Supports	The product does not currently include any character
If a keyboard shortcut is implemented in content using only letter (including upper-case and lower-case letters), punctuation,		key shortcuts implemented in content.

Criteria	Conformance Level	Remarks and Explanations
number, or symbol characters, then at least one of the following is true:		
<ul> <li>Turn off: A mechanism is available to turn the shortcut off.</li> </ul>		
<ul> <li>Remap: A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc.).</li> </ul>		
<ul> <li>Active only on focus: The keyboard shortcut for a user interface component is only active when that component has focus.</li> </ul>		
2.2.1 Timing Adjustable (WCAG 2.0) (Level A)	Supports	The product does not currently contain content that
For each time limit that is set by the content, at least one of the following is true:		requires time limits or timed interactions.
<ul> <li>Turn off: The user is allowed to turn off the time limit before encountering it.</li> </ul>		
<ul> <li>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.</li> </ul>		
<ul> <li>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.</li> </ul>		
<ul> <li>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.</li> </ul>		
<ul> <li>Essential Exception: The time limit is essential and extending it would invalidate the activity.</li> </ul>		

Criteria	Conformance Level	Remarks and Explanations
<ul> <li>20 Hour Exception: The time limit is longer than 20 hours.</li> </ul>		
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 (WCAG 2.0) (Level A)	Supports	The product does not currently include elements which move, blink, scroll, or auto-update.
For moving, blinking, scrolling, or auto-updating information, all of the following are true:		
<ul> <li>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.</li> </ul>		
<ul> <li>Auto-updating: For any auto-updating information that         <ul> <li>(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.</li> </ul> </li> </ul>		
2.3.1 Three Flashes or Below Threshold (WCAG 2.0) (Level A)	Supports	The product does not contain flashing content.
Web pages 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.		
2.4.1 Bypass Blocks (WCAG 2.0) (Level A)	Supports	The product contains mechanisms that allows users
A mechanism is available to bypass blocks of content that are repeated on multiple web pages.		to bypass blocks of content, such as skip nav links and landmarks and headings which facilitate the

Criteria	Conformance Level	Remarks and Explanations
		bypass function. This success criterion does not apply to non-web software.
<ul><li>2.4.2 Page Titled (WCAG 2.0) (Level A)</li><li>Web pages have titles that describe topic or purpose.</li></ul>	Partially Supports	Page titles describe the high-level topic or purpose of the pages in most cases. A rating of Partially Supports has been given for the following reason(s):
		<ul> <li>There are dialogs that do not contain accessible name and/or role information, such as the "Create Investigation" dialog.</li> </ul>
<ul><li>2.4.3 Focus Order (WCAG 2.0) (Level A)</li><li>If a web page can be navigated sequentially and the navigation</li></ul>	Partially Supports	Most components within the product receive focus in a meaningful order. A rating of Partially Supports has
sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability.		<ul> <li>In some instances, focus does not shift to the location of expected content.</li> <li>Some inactive elements receive keyboard focus, such as table data cells.</li> </ul>
2.4.4 Link Purpose (In Context) (WCAG 2.0) (Level A)  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	Links are understandable from the text alone or from the surrounding paragraph text.
2.4.5 Multiple Ways (WCAG 2.0) (Level AA) More than one way is available to locate a web page within a set of web pages except where the web page 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.
2.4.6 Headings and Labels (WCAG 2.0) (Level AA) Headings and labels describe topic or purpose.	Partially Supports	Most content headings and labels are descriptive and unique. A rating of Partially Supports has been given for the following reason(s):

Criteria	Conformance Level	Remarks and Explanations
		<ul> <li>Some controls have inappropriate accessible names that do not describe topic or purpose.</li> <li>Some controls have identical accessible names, such as the "Navigate to" buttons on the Documents screen.</li> </ul>
2.4.7 Focus Visible (WCAG 2.0) (Level AA)  Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible.	Partially Supports	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):
		<ul> <li>Some inactive content receives keyboard focus, such as the table on the Search and Query screen.</li> <li>Some controls receive keyboard focus but do not display a visible keyboard focus indicator, such as the table cells on the Community screen.</li> </ul>
2.4.11 Focus Not Obscured (Minimum) (WCAG 2.2) (Level AA)	Supports	The product does not contain components that obscure the interface. Components receiving keyboard focus throughout the product remain at
When a user interface component receives keyboard focus, the component is not entirely hidden due to author-created content.		least partially visible, and are never entirely hidden or obscured.
<ul> <li>Where content in a configurable interface can be repositioned by the user, then only the initial positions of user-movable content are considered for testing and conformance of this Success Criterion.</li> </ul>		
<ul> <li>Content opened by the user may obscure the component receiving focus. If the user can reveal the focused component without advancing the keyboard focus, the component with focus is not considered hidden due to author-created content.</li> </ul>		

Criteria	Conformance Level	Remarks and Explanations
Does not currently apply to Revised Section 508 or EN 301 549 Standards.		
2.5.1 Pointer Gestures (WCAG 2.1) (Level A)  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 (WCAG 2.1) (Level A)	Supports	The product contains only functionality that can be
For functionality that can be operated using a single pointer, at least one of the following is true:		activated on the up event of a single pointer.
<ul> <li>No Down-Event: The down-event of the pointer is not used to execute any part of the function.</li> </ul>		
<ul> <li>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.</li> </ul>		
Up Reversal: The up-event reverses any outcome of the preceding down-event.		
<ul> <li>Essential: Completing the function on the down-event is essential.</li> </ul>		
2.5.3 Label in Name (WCAG 2.1) (Level A)	Partially Supports	The product includes the visible label for most user
For user interface components with labels that include text or images of text, the name contains the text that is presented visually.		interface controls within the accessible name. A rating of Partially Supports has been given for the following reason(s):
		<ul> <li>There are some controls with accessible names that do not include the text of their</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
		visual labels, such as the "Two-way" control on the Centrality screen.
2.5.4 Motion Actuation (WCAG 2.1) (Level A)	Supports	The product does not contain any functionality that
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:		can be operated by device motion or user motion.
Supported Interface: The motion is used to operate functionality through an accessibility supported interface.		
<ul> <li>Essential: The motion is essential for the function and doing so would invalidate the activity.</li> </ul>		
2.5.7 Dragging Movements (WCAG 2.2) (Level AA)	Supports	The product does not currently contain any functionality that requires dragging movements.
All functionality that uses a dragging movement for operation can be achieved by a single pointer without dragging, unless dragging is essential or the functionality is determined by the user agent and not modified by the author.		
Does not currently apply to Revised Section 508 or EN 301 549 Standards.		
2.5.8 Target Size (Minimum) (WCAG 2.2) (Level AA)	Supports	The size of target for pointer inputs meets
The size of the target for pointer inputs is at least 24 by 24 CSS pixels, except where:		requirements (24x24 CSS pixels) throughout the product.
<ul> <li>Spacing: Undersized targets (those less than 24 by 24 CSS pixels) are positioned so that if a 24 CSS pixel diameter circle is centered on the bounding box of each, the circles do not intersect another target or the circle for another undersized target.</li> </ul>		

Criteria Conformance Level Remarks and Explanations

- Equivalent: The function can be achieved through a different control on the same page that meets this criterion.
- Inline: The target is in a sentence or its size is otherwise constrained by the line-height of non-target text.
- User agent control: The size of the target is determined by the user agent and is not modified by the author.
- Essential: A particular presentation of the target is essential or is legally required for the information being conveyed.

Does not currently apply to Revised Section 508 or EN 301 549 Standards.

## WCAG Principle 3: Understandable

Information and the operation of user interface must be understandable. This includes guidelines for content that is <u>Readable</u> and <u>Predictable</u>, and provides <u>Input Assistance</u>.

Table 6: WCAG Principle 3 Success Criteria - Understandable

Criteria	Conformance Level	Remarks and Explanations
3.1.1 Language of Page (WCAG 2.0) (Level A)  The default human language of each web page can be programmatically determined.	Supports	The language of each page in the product is programmatically determinable.
3.1.2 Language of Parts (WCAG 2.0) (Level AA)  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	Content in the product is only presented in one language at a time.
3.2.1 On Focus (WCAG 2.0) (Level A) When any component receives focus, it does not initiate a change of context.	Supports	User interface components in the product do not initiate a change of context when they receive focus.
3.2.2 On Input (WCAG 2.0) (Level A)  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	Changes of context do not occur automatically on user input.
3.2.3 Consistent Navigation (WCAG 2.0) (Level AA)  Navigational mechanisms that are repeated on multiple web pages within a set of web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user.	Supports	When navigational mechanisms are repeated in the product, they occur in a consistent relative order and appearance.

Criteria	Conformance Level	Remarks and Explanations
3.2.4 Consistent Identification (WCAG 2.0) (Level AA)	Supports	Components with the same functionality throughout the product are identified consistently. This success criteria does not apply to non-web software.
Components that have the same functionality within a set of web pages are identified consistently.		
3.2.6 Consistent Help (WCAG 2.2) (Level A)	Supports	Help mechanisms that are repeated throughout the
If a web page contains any of the following help mechanisms, and those mechanisms are repeated on multiple web pages within a set of web pages, they occur in the same order relative to other page content, unless a change is initiated by the user:		product occur consistently and in the same order relative to other content.
Human contact details		
Human contact mechanism		
Self-help option		
A fully automated contact mechanism		
Does not currently apply to Revised Section 508 or EN 301 549 Standards.		
3.3.1 Error Identification (WCAG 2.0) (Level A)	Supports	Where input errors are automatically detected in the product, items in error are identified and error messages are conveyed to assistive technologies o in text.
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.		
3.3.2 Labels or Instructions (WCAG 2.0) (Level A)	Partially Supports	The product provides sufficient instructions for user
Labels or instructions are provided when content requires user input.		input in most cases. A rating of Partially Supports has been given for the following reason(s):
		<ul> <li>Some controls do not provide persistent visual instructions, such as the "Include documents" checkbox on the Centrality screen.</li> </ul>

Conformance Level	Remarks and Explanations
	<ul> <li>Some controls do not contain persistent visual labels, such as the "Cumulate weights" combo box on the Centrality screen.</li> </ul>
Supports	The product provides suggestions to the user when input errors are automatically detected (except where this would jeopardize security).
Supports	Throughout the product, changes to user-controllable data are reversible, or can be checked or confirmed
	before finalizing. The product does not process legal commitments or financial transactions.
•	

Criteria	Conformance Level	Remarks and Explanations
3.3.7 Redundant Entry (WCAG 2.2) (Level A)	Supports	The product does not currently request user
Information previously entered by or provided to the user that is required to be entered again in the same process is either autopopulated, or available for the user to select. Except when one of the following is true:		information in multi-step processes.
<ul> <li>re-entering the information is essential</li> </ul>		
<ul> <li>the information is required to ensure the security of the content</li> </ul>		
<ul> <li>previously entered information is no longer valid</li> </ul>		
3.3.8 Accessible Authentication (Minimum) (WCAG 2.2) (Level AA)	Supports	The product does not currently require an authentication process containing a cognitive
A cognitive function test (such as remembering a password or solving a puzzle) is not required for any step in an authentication process unless that step provides at least one of the following:		function test.
<ul> <li>Alternative: Another authentication method that does not rely on a cognitive function test.</li> </ul>		
<ul> <li>Mechanism: A mechanism is available to assist the user in completing the cognitive function test.</li> </ul>		
<ul> <li>Object Recognition: The cognitive function test is to recognize objects.</li> </ul>		
<ul> <li>Personal Content: The cognitive function test is to identify non-text content the user provided to the Web site.</li> </ul>		

## 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. This includes guidelines for content that is <a href="Compatible">Compatible</a>.

Table 7: WCAG Principle 4 Success Criteria - Robust

Criteria	Conformance Level	Remarks and Explanations
4.1.1 Parsing (Obsolete and removed)  This criterion was originally adopted to address problems that assistive technology had directly parsing HTML. Assistive technology no longer has any need to directly parse HTML. Consequently, these problems either no longer exist or are addressed by other criteria. This criterion no longer has utility and is removed.	Supports	For WCAG 2.0, 2.1, EN 301 549, and Revised 508 Standards, the September 2023 errata update indicates this criterion is always supported. See the WCAG 2.0 Editorial Errata and the WCAG 2.1 Editorial Errata.  This criterion is obsolete and removed for WCAG 2.2.
4.1.2 Name, Role, Value (WCAG 2.0) (Level A)  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.	Does Not Support	<ul> <li>The majority of user interface components in the product do not convey their name, role, or value to assistive technology. A rating of Does Not Support has been given for the following reason(s): <ul> <li>Many controls do not contain programmatic state information.</li> <li>Many controls do not contain programmatic role information, such as the "Search" controls.</li> <li>Many controls do not have the correct role information.</li> <li>Many controls do not have proper accessible name information, such as control groupings.</li> <li>Some updates are not announced to assistive technology users.</li> <li>Some inactive controls are not perceivable to screen reader users.</li> </ul> </li></ul>

Criteria	Conformance Level	Remarks and Explanations
4.1.3 Status Messages (WCAG 2.1) (Level AA)	Supports	Status messages, when provided in the product, are presented in a way that can be programmatically determined and do not require that they receive focus.
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.		

# **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
<ul> <li>Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that does not require user vision.</li> <li>Related WCAG success criteria:</li> <li>Perceivable: 1.1.1 Non-text Content, 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.5 Audio Description (Prerecorded), 1.3.1 Info and Relationships, 1.3.2 Meaningful Sequence, 1.3.3 Sensory Characteristics, 1.3.5 Identify Input Purpose, 1.4.1 Use of Color, 1.4.2 Audio Control, 1.4.5 Images of Text, 1.4.10 Reflow, 1.4.13 Content on Hover or Focus</li> </ul>	Conformance Level Partially Supports	<ul> <li>Remarks and Explanations</li> <li>A rating of Partially Supports has been given due to the following related WCAG criteria: <ul> <li>Error images do not have a textual equivalent.</li> <li>Inactive containers receive keyboard focus.</li> <li>The Create Investigation dialog contains a reading order that is not intuitive.</li> <li>There are controls that use color alone to convey state information.</li> <li>Many buttons are not keyboard accessible, such as the "x" close button on the Centrality</li> </ul> </li></ul>
Images of Text, 1.4.10 Reflow, 1.4.13 Content on Hover or		<ul> <li>Many buttons are not keyboard accessible,</li> </ul>
<ul> <li>Understandable: 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention</li> </ul>		<ul> <li>In some instances, focus does not shift to the location of expected content.</li> <li>Many controls do not contain programmatic state information.</li> </ul>
<ul> <li>Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		

Criteria	Conformance Level	Remarks and Explanations
302.2 With Limited Vision  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:  • Error images do not have a textual equivalent.
<ul> <li>Perceivable: 1.1.1 Non-text Content, 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.2 Captions (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.4 Captions (Live), 1.2.5 Audio Description (Prerecorded), 1.3.1 Info and Relationships, 1.3.2 Meaningful Sequence, 1.3.3 Sensory Characteristics, 1.3.5 Identify Input Purpose, 1.4.1 Use of Color, 1.4.3 Contrast (Minimum), 1.4.4 Resize Text, 1.4.5 Images of Text, 1.4.10 Reflow, 1.4.11 Non-text Contrast, 1.4.12 Text Spacing, 1.4.13 Content on Hover or Focus</li> <li>Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4 Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold, 2.4.1 Bypass Blocks, 2.4.2 Page Titled, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.4.7 Focus Visible, 2.5.1 Pointer Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name, 2.5.4 Motion Actuation</li> <li>Understandable: 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention</li> <li>Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		<ul> <li>Inactive containers receive keyboard focus.</li> <li>There are controls that use color alone to convey state information.</li> <li>Some text does not have sufficient color contrast, such as "View details" on the Review and Run screen.</li> <li>Many buttons are not keyboard accessible, such as the "x" close button on the Centrality screen.</li> <li>Many controls do not contain programmatic state information.</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
302.3 Without Perception of Color		<ul> <li>A rating of Partially Supports has been given due to the following related WCAG criteria:</li> <li>There are controls that use color alone to convey state information.</li> <li>Some text does not have sufficient color</li> </ul>
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.		
Related WCAG success criteria:		
<ul> <li><u>Perceivable</u>: 1.3.3 Sensory Characteristics, 1.4.1 Use of Color, 1.4.3 Contrast (Minimum), 1.4.5 Images of Text, 1.4.11 Non-text Contrast, 1.4.12 Text Spacing</li> </ul>		contrast, such as "View details" on the Review and Run screen.
<ul> <li>Operable: 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.4.7 Focus Visible, 2.5.3 Label in Name</li> </ul>		
<ul> <li><u>Understandable</u>: 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification, 3.3.4 Error Prevention</li> </ul>		
<ul> <li>Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		
302.4 Without Hearing	Supports	The product does not require the use of hearing.
Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that does not require user hearing.		
Related WCAG success criteria:		
<ul> <li>Perceivable: 1.1.1 Non-text Content, 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.2 Captions (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.4 Captions (Live), 1.2.5 Audio Description (Prerecorded), 1.3.3 Sensory Characteristics, 1.4.2 Audio Control</li> </ul>		
<ul> <li><u>Understandable</u>: 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.3.4 Error Prevention</li> </ul>		

Criteria	Conformance Level	Remarks and Explanations
<ul> <li>Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		
302.5 With Limited Hearing	Supports	The product does not require the use of hearing.
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.		
Related WCAG success criteria:		
<ul> <li>Perceivable: 1.1.1 Non-text Content, 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.2 Captions (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.4 Captions (Live), 1.2.5 Audio Description (Prerecorded), 1.3.3 Sensory Characteristics, 1.4.2 Audio Control</li> </ul>		
<ul> <li><u>Understandable</u>: 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.3.4 Error Prevention</li> </ul>		
<ul> <li><u>Robust</u>: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		
302.6 Without Speech	Supports	The product does not require the use of speech.
Where speech is used for input, control, or operation, ICT shall provide at least one mode of operation that does not require user speech.		
Related WCAG success criteria:		
<ul> <li>Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		

Criteria	Conformance Level	Remarks and Explanations
<ul> <li>302.8 With Limited Reach and Strength</li> <li>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.</li> <li>Related WCAG success criteria: <ul> <li>Perceivable: 1.1.1 Non-text Content, 1.2.2 Captions (Prerecorded)</li> <li>Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4 Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold, 2.4.1 Bypass Blocks, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.4.7 Focus Visible, 2.5.1 Pointer Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name, 2.5.4 Motion Actuation</li> <li>Understandable: 3.2.1 On Focus, 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention</li> <li>Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status</li> </ul> </li> </ul>	Supports	The product's features allow people with limited reach or strength to interact with the user interface.
<ul> <li>Messages</li> <li>302.9 With Limited Language, Cognitive, and Learning Abilities</li> <li>ICT shall provide features making its use by individuals with limited cognitive, language, and learning abilities simpler and easier.</li> <li>Related WCAG success criteria:</li> <li>Perceivable: 1.1.1 Non-text Content, 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.4 Captions (Live), 1.2.5 Audio Description (Prerecorded), 1.3.1 Info and Relationships, 1.3.2 Meaningful Sequence, 1.3.3 Sensory Characteristics, 1.3.5 Identify Input Purpose, 1.4.1 Use of Color, 1.4.2 Audio</li> </ul>	Partially Supports	<ul> <li>A rating of Partially Supports has been given due to the following related WCAG criteria:</li> <li>Inactive containers receive keyboard focus.</li> <li>The Create Investigation dialog contains a reading order that is not intuitive.</li> <li>There are controls that use color alone to convey state information.</li> <li>Many buttons are not keyboard accessible, such as the "x" close button on the Centrality screen.</li> </ul>

Criteria Remarks and Explanations Conformance Level Control, 1.4.3 Contrast (Minimum), 1.4.4 Resize Text, 1.4.5 There are dialogs that do not contain Images of Text, 1.4.10 Reflow, 1.4.11 Non-text Contrast, accessible name and/or role information, 1.4.12 Text Spacing, 1.4.13 Content on Hover or Focus such as the "Create Investigation" dialog. Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4 Some controls have inappropriate accessible Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2 names that do not describe topic or purpose. Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold, 2.4.1 Bypass Blocks, 2.4.2 Page Titled, 2.4.3 Focus Order, Some inactive content receives keyboard 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 focus, such as the table on the Search and Headings and Labels, 2.4.7 Focus Visible, 2.5.1 Pointer Query screen. Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name, 2.5.4 Motion Actuation • Some controls do not contain persistent visual labels, such as the "Cumulate weights" Understandable: 3.1.1 Language of Page, 3.1.2 Language of combo box on the Centrality screen. Parts, 3.2.1 On Focus, 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status

Messages

# <u>Chapter 4</u>: Hardware

ArcGIS Knowledge for ArcGIS Pro is not impacted by Chapter 4: Hardware. This section has been removed from the report.

# <u>Chapter 5</u>: 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	Not Applicable	The product is not platform software
Platform software shall provide user control over platform features that are defined in the platform documentation as accessibility features.		
502.2.2 No Disruption of Accessibility Features	Supports	
Software shall not disrupt platform features that are defined in the platform documentation as accessibility features.		
502.3 Accessibility Services		
502.3.1 Object Information	Partially Supports	To some degree, objects in the product correctly
The object role, state(s), properties, boundary, name, and description shall be programmatically determinable.		report their name, role, state, boundary, and description information to assistive technologies except as disclosed in:
		<ul> <li>Many controls do not contain programmatic state information.</li> </ul>
502.3.2 Modification of Object Information	Supports	The product's states and properties that can be set
States and properties that can be set by the user shall be capable of being set programmatically, including through assistive technology.		by the user are able to be set programmatically.

Criteria	Conformance Level	Remarks and Explanations
502.3.3 Row, Column, and Headers  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	For the most part, the product appropriately associates rows, columns, and headers for data tables and the associations are programmatically determinable except as disclosed in:  • Inactive containers receive keyboard focus.
502.3.4 Values  Any current value(s), and any set or range of allowable values associated with an object, shall be programmatically determinable.	Supports	In the product any current value(s), and any set or range of allowable values associated with an object, are programmatically determinable.
<b>502.3.5 Modification of Values</b> Values that can be set by the user shall be capable of being set programmatically, including through assistive technology.	Supports	In the product values that can be set by the user can also be set programmatically.
502.3.6 Label Relationships  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	To some degree, component labels in the product are programmatically determinable except as disclosed in:  • Inactive containers receive keyboard focus.
502.3.7 Hierarchical Relationships  Any hierarchical (parent-child) relationship that a component has as a container for, or being contained by, another component shall be programmatically determinable.	Supports	Hierarchical relationships for components in the product are programmatically determinable.
502.3.8 Text  The content of text objects, text attributes, and the boundary of text rendered to the screen, shall be programmatically determinable.	Supports	In the product, the content of text objects, text attributes, and the boundary of text are programmatically determinable.

Criteria	Conformance Level	Remarks and Explanations
<b>502.3.9 Modification of Text</b> Text that can be set by the user shall be capable of being set programmatically, including through assistive technology.	Supports	In the product, text that can be set by the user is able to be set programmatically.
502.3.10 List of Actions  A list of all actions that can be executed on an object shall be programmatically determinable.	Supports	In the product, the list of all actions that can be executed on an object is programmatically determinable.
502.3.11 Actions on Objects  Applications shall allow assistive technology to programmatically execute available actions on objects.	Supports	The product allows users to perform actions on objects programmatically.
502.3.12 Focus Cursor  Applications shall expose information and mechanisms necessary to track focus, text insertion point, and selection attributes of user interface components.	Supports	The product's user interface elements for text editing provide information and mechanisms necessary to track focus, text insertion point, and selection attributes in a way that is programmatically determinable.
502.3.13 Modification of Focus Cursor  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.	Supports	The product's user interface elements for text editing allow for the programmatic modification of tracking focus, text insertion points, and selecting attributes.
502.3.14 Event Notification  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.	Partially Supports	The product sometimes makes notifications of events relevant to user interactions available to assistive technologies except as disclosed in:  • Many controls do not contain programmatic state information.
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	Not Applicable	The product is designed to be isolated from the
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.		underlying platform software.
503.3 Alternative User Interfaces	Not Applicable	The product does not provide an alternative user
Where an application provides an alternative user interface that functions as assistive technology, the application shall use platform and other industry standard accessibility services.		interface that functions as assistive technology.
503.4 User Controls for Captions and Audio Description		
503.4.1 Caption Controls	Not Applicable	The product does not provide user controls for volume adjustment.
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.		
503.4.2 Audio Description Controls	Not Applicable	The product does not provide user controls for program selection.
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.		

Criteria	Conformance Level	Remarks and Explanations
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.  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  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  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).	Not Applicable	The product is not platform software.
504.3 Prompts  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.	Not Applicable	The product is not platform software.

Criteria	Conformance Level	Remarks and Explanations
504.4 Templates	Not Applicable	The product is not platform software.
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.		

## <u>Chapter 6</u>: Support Documentation and Services

The language included in this section is based on an internal evaluation of the ArcGIS Knowledge for ArcGIS Pro 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	Supports	This product report is not impacted by Chapters 4 and 5.
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.		
602.3 Electronic Support Documentation	Partially Supports	Web-based electronic support documentation is available for this product.
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).		
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	Web-based electronic support documentation is available for this product.
Where support documentation is only provided in non-electronic formats, alternate formats usable by individuals with disabilities shall be provided upon request.		

Criteria	Conformance Level	Remarks and Explanations
603 Support Services		

Criteria	Conformance Level	Remarks and Explanations
603.2 Information on Accessibility and Compatibility Features	Supports	This product report is not impacted by Chapters 4 and 5 (as described in 602.2).
ICT support services shall include information on the accessibility and compatibility features required by 602.2.		
603.3 Accommodation of Communication Needs	Supports	Technical support is available directly to the user for
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.		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
<b>4.2.1 Usage Without Vision</b> Where ICT provides visual modes of operation, the ICT provides	Partially Supports	A rating of Partially Supports has been given due to the following related WCAG criteria:
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.		<ul> <li>Error images do not have a textual equivalent.</li> <li>Inactive containers receive keyboard focus.</li> </ul>
Related WCAG success criteria:  • Perceivable: 1.1.1 Non-text Content, 1.2.1 Audio-only and		<ul> <li>The Create Investigation dialog contains a reading order that is not intuitive.</li> </ul>
Video-only (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.5 Audio Description (Prerecorded), 1.3.1 Info and Relationships, 1.3.2 Meaningful Sequence, 1.3.3 Sensory Characteristics, 1.3.5 Identify Input		<ul> <li>There are controls that use color alone to convey state information.</li> </ul>
Purpose, 1.4.1 Use of Color, 1.4.2 Audio Control, 1.4.5 Images of Text, 1.4.10 Reflow, 1.4.13 Content on Hover or Focus		<ul> <li>Many buttons are not keyboard accessible, such as the "x" close button on the Centrality screen.</li> </ul>
<ul> <li>Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4 Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2 Pause, Stop, Hide, 2.4.1 Bypass Blocks, 2.4.2 Page Titled,</li> </ul>		<ul> <li>There are dialogs that do not contain accessible name and/or role information, such as the "Create Investigation" dialog.</li> </ul>
2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.5.1 Pointer Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name, 2.5.4 Motion Actuation		<ul> <li>In some instances, focus does not shift to the location of expected content.</li> </ul>
Understandable: 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention		<ul> <li>Many controls do not contain programmatic state information.</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
<ul> <li><u>Robust</u>: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		
4.2.2 Usage With Limited Vision	Partially Supports	A rating of Partially Supports has been given due to the following related WCAG criteria:
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.	ŭ	<ul> <li>Error images do not have a textual</li> </ul>
•		<ul> <li>Inactive containers receive keyboard focus.</li> </ul>
Related WCAG success criteria:     Perceivable: 1.1.1 Non-text Content, 1.2.1 Audio-only and     Video (Paradal No. 10.00)		<ul> <li>There are controls that use color alone to convey state information.</li> </ul>
Video-only (Prerecorded), 1.2.2 Captions (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.4 Captions (Live), 1.2.5 Audio Description (Prerecorded), 1.3.1 Info and Relationships, 1.3.2 Meaningful Sequence, 1.3.3		<ul> <li>Some text does not have sufficient color contrast, such as "View details" on the Review and Run screen.</li> </ul>
Sensory Characteristics, 1.3.5 Identify Input Purpose, 1.4.1 Use of Color, 1.4.3 Contrast (Minimum), 1.4.4 Resize Text, 1.4.5 Images of Text, 1.4.10 Reflow, 1.4.11 Non-text Contrast, 1.4.12 Text Spacing, 1.4.13 Content on Hover or Focus		<ul> <li>Many buttons are not keyboard accessible, such as the "x" close button on the Centrality screen.</li> </ul>
<ul> <li>Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4 Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold, 2.4.1 Bypass Blocks, 2.4.2 Page Titled, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.4.7 Focus Visible, 2.5.1 Pointer Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name, 2.5.4 Motion Actuation</li> </ul>		<ul> <li>Many controls do not contain programmatic state information.</li> </ul>
<ul> <li>Understandable: 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention</li> </ul>		
<ul> <li><u>Robust</u>: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		

Criteria	Conformance Level	Remarks and Explanations
<ul> <li>4.2.3 Usage Without Perception of Color</li> <li>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.</li> <li>Related WCAG success criteria:</li> <li>Perceivable: 1.3.3 Sensory Characteristics, 1.4.1 Use of Color, 1.4.3 Contrast (Minimum), 1.4.5 Images of Text, 1.4.11 Non-text Contrast, 1.4.12 Text Spacing</li> <li>Operable: 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.4.7 Focus Visible, 2.5.3 Label in Name</li> <li>Understandable: 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification, 3.3.4 Error Prevention</li> <li>Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>	Partially Supports	<ul> <li>A rating of Partially Supports has been given due to the following related WCAG criteria:</li> <li>There are controls that use color alone to convey state information.</li> <li>Some text does not have sufficient color contrast, such as "View details" on the Review and Run screen.</li> </ul>
<ul> <li>4.2.4 Usage Without Hearing</li> <li>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.</li> <li>Related WCAG success criteria:</li> <li>Perceivable: 1.1.1 Non-text Content, 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.2 Captions (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.4 Captions (Live), 1.2.5 Audio Description (Prerecorded), 1.3.3 Sensory Characteristics, 1.4.2 Audio Control</li> </ul>	Supports	The product does not require the use of hearing.

Criteria	Conformance Level	Remarks and Explanations
<ul> <li>Understandable: 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.3.4 Error Prevention</li> </ul>		
<ul> <li>Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		
4.2.5 Usage With Limited Hearing	Supports	The product does not require the use of hearing.
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.		
Related WCAG success criteria:		
<ul> <li>Perceivable: 1.1.1 Non-text Content, 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.2 Captions (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.4 Captions (Live), 1.2.5 Audio Description (Prerecorded), 1.3.3 Sensory Characteristics, 1.4.2 Audio Control</li> </ul>		
<ul> <li><u>Understandable</u>: 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.3.4 Error Prevention</li> </ul>		
<ul> <li><u>Robust</u>: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		
4.2.6 Usage With No or Limited Vocal Capacity	Supports	The product is usable by those with no or limited
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.		vocal capability.
Related WCAG success criteria:		
<ul> <li>Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		

Criteria	Conformance Level	Remarks and Explanations
<ul> <li>4.2.7 Usage With Limited Manipulation or Strength</li> <li>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.</li> <li>Related WCAG success criteria: <ul> <li>Perceivable: 1.1.1 Non-text Content</li> <li>Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4 Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold,</li> </ul> </li> </ul>	Conformance Level Partially Supports	<ul> <li>A rating of Partially Supports has been given due to the following related WCAG criteria:</li> <li>Many buttons are not keyboard accessible, such as the "x" close button on the Centrality screen.</li> <li>There are dialogs that do not contain accessible name and/or role information, such as the "Create Investigation" dialog.</li> <li>In some instances, focus does not shift to the location of expected content.</li> </ul>
2.4.1 Bypass Blocks, 2.4.2 Page Titled, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.4.7 Focus Visible, 2.5.1 Pointer Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name, 2.5.4 Motion Actuation		<ul> <li>Some inactive content receives keyboard focus, such as the table on the Search and Query screen.</li> <li>Many controls do not contain programmatic state information.</li> </ul>
<ul> <li>Understandable: 3.2.1 On Focus, 3.2.2 On Input, 3.2.3         Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1         Error Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention     </li> </ul>		state information.
<ul> <li>Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		

Criteria	Conformance Level	Remarks and Explanations
4.2.8 Usage With Limited Reach	Supports	The product's features allow people with limited
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.		reach or strength to interact with the user interface.
Related WCAG success criteria:		
Perceivable: 1.1.1 Non-text Content		
<ul> <li>Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4         Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2         Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold, 2.4.1 Bypass Blocks, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.4.7 Focus Visible, 2.5.1 Pointer Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name, 2.5.4 Motion Actuation     </li> </ul>		
<ul> <li>Understandable: 3.2.1 On Focus, 3.2.2 On Input, 3.2.3         Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1         Error Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention     </li> </ul>		
<ul> <li>Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		
4.2.9 Minimize Photosensitive Seizure Triggers	Supports	The product does not contain photosensitive seizure
Where ICT provides visual modes of operation, the ICT provides at least one mode of operation that minimizes the potential for triggering photosensitive seizures. This is essential for users with photosensitive seizure triggers.		triggers or flashing content.
Related WCAG success criteria:		
<ul> <li>Perceivable: 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.2 Captions (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.4 Captions (Live), 1.2.5 Audio Description (Prerecorded), 1.3.3 Sensory Characteristics,, 1.4.1 Use of Color, 1.4.3 Contrast (Minimum),</li> </ul>		

Criteria Conformance Level Remarks and Explanations

1.4.5 Images of Text, 1.4.11 Non-text Contrast, 1.4.13 Content on Hover or Focus

- Operable: 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold
- Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages

# **4.2.10 Usage With Limited Cognition, Language, or Learning**

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.

#### Related WCAG success criteria:

- Perceivable: 1.1.1 Non-text Content, 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.2 Captions (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.4 Captions (Live), 1.2.5 Audio Description (Prerecorded), 1.3.1 Info and Relationships, 1.3.2 Meaningful Sequence, 1.3.3 Sensory Characteristics, 1.3.5 Identify Input Purpose, 1.4.1 Use of Color, 1.4.2 Audio Control, 1.4.3 Contrast (Minimum), 1.4.4 Resize Text, 1.4.5 Images of Text, 1.4.10 Reflow, 1.4.11 Non-text Contrast, 1.4.12 Text Spacing, 1.4.13 Content on Hover or Focus
- Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4 Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold, 2.4.1 Bypass Blocks, 2.4.2 Page Titled, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.4.7 Focus Visible, 2.5.1 Pointer Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name, 2.5.4 Motion Actuation

### **Partially Supports**

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

- Inactive containers receive keyboard focus.
- The Create Investigation dialog contains a reading order that is not intuitive.
- There are controls that use color alone to convey state information.
- Many buttons are not keyboard accessible, such as the "x" close button on the Centrality screen.
- There are dialogs that do not contain accessible name and/or role information, such as the "Create Investigation" dialog.
- Some controls have inappropriate accessible names that do not describe topic or purpose.
- Some inactive content receives keyboard focus, such as the table on the Search and Query screen.
- Some controls do not contain persistent visual labels, such as the "Cumulate weights" combo box on the Centrality screen.

Criteria Remarks and Explanations Conformance Level

- Understandable: 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention
- Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages

#### **4.2.11 Privacy**

Where ICT provides features for accessibility, the ICT maintains the privacy of users of these features at the same level as other users.

#### Related WCAG success criteria:

- Perceivable: 1.1.1 Non-text Content, 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1,2,5 Audio Description (Prerecorded), 1.3.1 Info and Relationships, 1.3.2 Meaningful Sequence, 1.3.3 Sensory Characteristics, 1.3.5 Identify Input Purpose, 1.4.1 Use of Color, 1.4.5 Images of Text, 1.4.10 Reflow, 1.4.13 Content on Hover or Focus
- Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4 Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2 Pause, Stop, Hide, 2.4.1 Bypass Blocks, 2.4.2 Page Titled, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.5.1 Pointer Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name, 2.5.4 Motion Actuation
- Understandable: 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention
- Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages

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.

**Supports** 

### **Chapter 5:** Generic Requirements

ArcGIS Knowledge for ArcGIS Pro is not impacted by Chapter 5: Generic Requirements. This section has been removed from the report.

### **Chapter 6**: ICT with Two-Way Voice Communication

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

### **Chapter 7: ICT with Video Capabilities**

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

### **Chapter 8: Hardware**

ArcGIS Knowledge for ArcGIS Pro is not impacted by Chapter 8: Hardware. This section has been removed from the report.

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

This section has been removed from the report.

# **Chapter 10**: Non-Web Documents

ArcGIS Knowledge for ArcGIS Pro not impacted by Chapter 10: Non-Web Documents. This section has been removed from the report.

# **Chapter 11**: Software

Table 12: EN 301 549 Chapter 11 - Software

Criteria	Conformance Level	Remarks and Explanations
11.1.1.1 through 11.4.1.3	See WCAG	See information in WCAG 2.1 report sections
11.5 Interoperability with Assistive Technology		
11.5.1 Closed		
11.5.2 Accessibility Services		
11.5.2.1 Platform accessibility service support for software that provides a user interface	See 11.5.2.5 through 11.5.2.17	See information in 11.5.2.5 through 11.5.2.17
11.5.2.2 Platform accessibility service support for assistive technologies	See 11.5.2.5 through 11.5.2.17	See information in 11.5.2.5 through 11.5.2.17
11.5.2.3 Use of accessibility services	Supports	The product's user interface uses the applicable documented accessibility services. Refer to the criteria 11.5.2.5 to 11.5.2.17.
11.5.2.4 Assistive technology	Supports	The product uses documented platform accessibility services. Refer to the criteria 11.5.2.5 to 11.5.2.17.
11.5.2.5 Object information	Partially Supports	Some of the product's user interface elements are programmatically determinable. Exceptions include those identified in WCAG 4.1.2.

Criteria	Conformance Level	Remarks and Explanations
11.5.2.6 Rows, columns, and headers	Partially Supports	The product contains some data tables whose structures are programmatically determinable except as disclosed in:
		<ul> <li>Inactive containers receive keyboard focus.         The product's user interface elements have values and ranges of values that are programmatically determinable.     </li> </ul>
11.5.2.7 Values	Supports	The product's user interface elements have values and ranges of values that are programmatically determinable.
11.5.2.8 Label relationships	Partially Supports	The relationship between some of the product's user interface elements and their labels are programmatically determinable except as disclosed in:
		Inactive containers receive keyboard focus.
11.5.2.9 Parent-child relationships	Partially Supports	Some of the product's user interface elements and their parent-child relationships are programmatically determinable. Exceptions include those identified in WCAG 1.3.1 Info and Relationships.
11.5.2.10 Text	Supports	The product's rendered text, including its contents, attributes, and boundary, are programmatically determinable.
11.5.2.11 List of available actions	Supports	The product's user interface elements provide a list of available actions that are programmatically determinable.
11.5.2.12 Execution of available actions	Supports	The available actions of the product's user interface elements can be programmatically executed.

Criteria	Conformance Level	Remarks and Explanations
11.5.2.13 Tracking of focus and selection attributes	Supports	The product's user interface elements for text editing provide information and mechanisms necessary to track focus, text insertion point, and selection attributes in a way that is programmatically determinable.
11.5.2.14 Modification of focus and selection attributes	Supports	The product's user interface elements for text editing provide information and mechanisms necessary to track focus, text insertion point, and selection attributes in a way that is programmatically determinable.
11.5.2.15 Change notification	Partially Supports	The product notifies assistive technologies of changes to programmatically determinable attributes for some of the user interface elements per the criteria 11.5.2.5 to 11.5.2.11 and 11.5.2.13 except as disclosed in:
		<ul> <li>Many controls do not contain programmatic state information.</li> </ul>
11.5.2.16 Modifications of states and properties	Supports	The product's user interface elements allow for the programmatic modification of states and properties.
11.5.2.17 Modifications of values and text	Supports	The product's user interface elements allow for the programmatic modification of values and text.
11.6 Documented Accessibility Usage		
11.6.1 User control of accessibility features	Supports	The product provides sufficient modes of operation for user control over documented platform accessibility features.
11.6.2 No disruption of accessibility features	Supports	The product does not disrupt normal operation of platform accessibility features.

Criteria	Conformance Level	Remarks and Explanations
11.7 User preferences	Supports	The product's user interface follows the values of the user preferences for applicable platform settings.
11.8 Authoring Tools		
11.8.1 Content Technology		
11.8.2 Accessible content creation	See WCAG conformance levels	See information in WCAG 2.1 report sections
<b>11.8.3</b> Preservation of accessibility information in transformations	Not Applicable	The product is not an authoring tool.
11.8.4 Repair assistance	Not Applicable	The product is not an authoring tool.
11.8.5 Templates	Not Applicable	The product is not an authoring tool.

### <u>Chapter 12</u>: Documentation and Support Services

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

Table 13: 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	Supports	Web-based electronic support documentation is available for this product.
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.		
12.1.2 Accessible Documentation	Supports	Web-based electronic support documentation is
Product documentation provided with the ICT shall be made available in at least one of the following electronic formats: web or non-web.		available for this product.
12.2 Support Services		
12.2.2 Information on Accessibility and Compatibility Features		Technical support is available directly to the user for this product, and Esri Accessibility contact information is provided in this report.
ICT support services shall provide information on the accessibility and compatibility features that are mentioned in the product documentation.		
12.2.3 Effective Communication	Supports	Technical support is available directly to the user for
ICT support services shall accommodate the communication needs of individuals with disabilities either directly or through a referral point.		this product, and Esri Accessibility contact information is provided in this report.

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