

Esri Accessibility Conformance Report  
ArcGIS Defense Mapping and  
ArcGIS Production Mapping

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Report Date: DEC 14, 2023

# List of Contents

- ESRI ACCESSIBILITY CONFORMANCE REPORT ..... 1**
  - Product Information..... 1
  - Purpose ..... 3
  - Background ..... 3
  - Legal Disclaimer ..... 3
  - Contact Information ..... 3
  - Applicable Standards and Guidelines ..... 3
  - Record of Changes ..... 4
  - Terms ..... 5
- REVISED SECTION 508 CONSIDERATIONS ..... 6**
  - Application and Administration ..... 6
  - Scoping Requirements..... 6
  - Functional Performance Criteria ..... 6
  - Hardware ..... 7
  - Software ..... 7
  - Support Documentation and Services ..... 7
- WEB CONTENT ACCESSIBILITY GUIDELINES (WCAG) REPORT ..... 8**
  - WCAG Principle 1: Perceivable ..... 8

WCAG Principle 2: Operable.....	16
WCAG Principle 3: Understandable.....	26
WCAG Principle 4: Robust.....	32
<b>REVISED SECTION 508 REPORT.....</b>	<b>34</b>
Chapter 3: Functional Performance Criteria.....	34
Chapter 4: Hardware.....	43
Chapter 5: Software.....	44
Chapter 6: Support Documentation and Services.....	50
<b>EN 301 549 REPORT.....</b>	<b>52</b>
Chapter 4: Functional Performance Statements (FPS).....	52
Chapter 5: Generic Requirements.....	62
Chapter 6: ICT with Two-Way Voice Communication.....	62
Chapter 7: ICT with Video Capabilities.....	62
Chapter 8: Hardware.....	62
Chapter 9: Web (see WCAG section).....	62
Chapter 10: Non-Web Documents.....	63
Chapter 11: Software.....	64
Chapter 12: Documentation and Support Services.....	67

## List of Tables

Table 1: Applicable Standards and Guidelines.....	3
Table 2: Record of Changes .....	4
Table 3: Conformance Level Definitions .....	5
Table 4: WCAG Principle 1 Success Criteria - Perceivable .....	8
Table 5: WCAG Principle 2 Success Criteria - Operable .....	16
Table 6: WCAG Principle 3 Success Criteria - Understandable.....	26
Table 7: WCAG Principle 4 Success Criteria - Robust.....	32
Table 8: Revised Section 508 Chapter 3 - Functional Performance Criteria .....	34
Table 9: Revised Section 508 Chapter 5 - Software.....	44
Table 10: Revised Section 508 Chapter 6 - Support Documentation and Services .....	50
Table 11: EN 301 549 Chapter 4 - Functional Performance Statements .....	52
Table 12: EN 301 549 Chapter 11 - Software.....	64
Table 13: EN 301 549 Chapter 12 - Documentation and Support Services.....	67

## Esri Accessibility Conformance Report

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### Product Information

**Product Name/Version:** ArcGIS Defense Mapping and ArcGIS Production Mapping / Version 3.1 (ArcGIS Pro extensions)

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

**Product Release Date:** March, 2023

**Report Date:** December 14, 2023

**Product Description:** ArcGIS Pro is a desktop application on the ArcGIS platform that includes tools for authoring, managing, analyzing, and sharing maps, data, and reports. ArcGIS Pro supports data visualization; advanced analysis; and authoritative data maintenance in 2D, 3D, and 4D.

ArcGIS Defense Mapping software streamlines geographic information system (GIS) production for defense mapping agencies and contractors to support mission-critical applications. Defense Mapping includes specialized capabilities to automate the production processes from beginning to end through standardization, repeatability, and configuration. This extension has tools for data collection and attribution, geodatabase maintenance, data validation, and production of standardized defense data and cartographic products. Defense Mapping provides the geodatabase models, topologies, business rules, cartographic rules, and map templates required for Topographic Map (TM), Multinational Geospatial Co-Production Program (MGCP) Topographic Map (MTM), Image City Map (ICM), and more.

ArcGIS Production Mapping is a configurable extension that optimizes and tailors geographic information system (GIS) production to the way your organization works. It is a specification-driven topographic mapping software for national civilian mapping agencies and authoritative content producers. This extension provides specialized tools to automate the production process from beginning to end through standardization, repeatability, and configuration. This includes tools for data creation and feature extraction from imagery; data management, validation, and visualization; and high-quality, advanced cartographic production and Web GIS integration.

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

**Evaluation Methods Used:** Testing ArcGIS Defense Mapping and ArcGIS Production Mapping 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 [product] using, among other methodology, the screen reader JAWS 2022, 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 <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](mailto:EsriAccessibility@esri.com), 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
<a href="#">Web Content Accessibility Guidelines 2.1</a>	Level A (Yes) Level AA (Yes) Level AAA (No)
<a href="#">Revised Section 508 Standards</a>	(Yes)
<a href="#">EN 301 549 V3.1.1</a>	(Yes)

## Record of Changes

Table 2: Record of Changes

Version	Date	Description of Changes
1.0	12/14/2023	Evaluation results and explanations updated by testing vendor (initial version).
2.0	01/09/2024	Updated to 2.5 VPAT® template and Esri ACR format.
2.1	02/20/2024	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

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### 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 [Text Alternatives](#), [Time-based Media](#), and [Adaptable](#) and [Distinguishable](#) content.

Table 4: WCAG Principle 1 Success Criteria - Perceivable

Criteria	Conformance Level	Remarks and Explanations
<p><b><a href="#">1.1.1 Non-text Content (WCAG 2.0) (Level A)</a></b></p> <p>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:</p> <ul style="list-style-type: none"> <li>• Controls, Input</li> <li>• Time-Based Media</li> <li>• Test</li> <li>• Sensory</li> <li>• CAPTCHA</li> <li>• Decoration, Formatting, Invisible</li> </ul>	Supports	The product provides text alternatives for non-text content, such as images, icons, and visual affordances.
<p><b><a href="#">1.2.1 Audio-only and Video-only (Prerecorded) (WCAG 2.0) (Level A)</a></b></p> <p>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:</p> <ul style="list-style-type: none"> <li>• Prerecorded Audio-only: An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content.</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
<ul style="list-style-type: none"> <li>Prerecorded Video-only: Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content.</li> </ul>		
<p><b><u>1.2.2</u> Captions (Prerecorded) (WCAG 2.0) (Level A)</b></p> <p>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.</p>	Supports	The product does not currently contain pre-recorded content requiring synchronized captions.
<p><b><u>1.2.3</u> Audio Description or Media Alternative (Prerecorded) (WCAG 2.0) (Level A)</b></p> <p>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.</p>	Supports	The product does not currently contain any prerecorded video content that would require audio description or a time-based media alternative.
<p><b><u>1.2.4</u> Captions (Live) (WCAG 2.0) (Level AA)</b></p> <p>Captions are provided for all live audio content in synchronized media.</p>	Supports	The product does not currently contain live audio content.
<p><b><u>1.2.5</u> Audio Description (Prerecorded) (WCAG 2.0) (Level AA)</b></p> <p>Audio description is provided for all prerecorded video content in synchronized media.</p>	Supports	The product does not currently contain any prerecorded video content that would require audio description.
<p><b><u>1.3.1</u> Info and Relationships (WCAG 2.0) (Level A)</b></p> <p>Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text.</p>	Partially Supports	<p><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p>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):</p>

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> <li>• User may experience challenges in identifying the labels associated with some buttons, grid sliders, controls that receive focus.</li> <li>• Challenges may be present with the identification of tables and table headers and values not being announced by the screen reader.</li> <li>• Elements such as headings and some content areas are also not announced at times by the assistive technology.</li> </ul> <p>The features that may present challenges include:</p> <ul style="list-style-type: none"> <li>• Replace Colors</li> <li>• Surround Element</li> <li>• Create New Feature</li> <li>• Grids and Graticules</li> </ul> <p><b>ArcGIS Pro:</b></p> <ul style="list-style-type: none"> <li>• Users may find challenges in identifying the labels associated with some buttons, grid sliders, and controls that receive focus.</li> <li>• Identification of some tables and table headers and values is not announced by the screen reader.</li> <li>• Elements such as headings and some content areas are not announced by assistive technology.</li> </ul> <p>The features that may present challenged include:</p>

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> <li>• Start Page (Recent Templates)</li> <li>• Settings Page (New, Open, Python tabs)</li> <li>• Ribbon (View tab)</li> <li>• Panes (Share Map Package, Share Layer Package, Share Mobile Map Package, Share Project Package, Python, Print Layout, some Geoprocessing)</li> <li>• Dialogs (Options, Georeferencing Options, Mensuration Options, Layer Properties)</li> <li>• Other views (Catalog, Charts, Package Manager, Python Notebook Sanity, Fields, Data Design views [Domain, Subtypes, Attribute Rules, Contingent Values])</li> </ul>
<p><b><a href="#">1.3.2 Meaningful Sequence (WCAG 2.0) (Level A)</a></b></p> <p>When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined.</p>	Supports	The reading order of the content matches the visual and logical order, and can be programmatically determined.
<p><b><a href="#">1.3.3 Sensory Characteristics (WCAG 2.0) (Level A)</a></b></p> <p>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.</p> <p>For requirements related to color, refer to Guideline 1.4.</p>	Supports	The product provides instructions for understanding and operating content that do not rely solely on sensory characteristics.
<p><b><a href="#">1.3.4 Orientation (WCAG 2.1) (Level AA)</a></b></p> <p>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.</p>	Supports	The product does not restrict its view and operation to a single display orientation and responds appropriately to screen orientation changes.

Criteria	Conformance Level	Remarks and Explanations
<p><b><u>1.3.5 Identify Input Purpose (WCAG 2.1) (Level AA)</u></b></p> <p>The purpose of each input field collecting information about the user can be programmatically determined when:</p> <ul style="list-style-type: none"> <li>• The input field serves a purpose identified in the Input Purposes for User Interface Components section; and</li> <li>• The content is implemented using technologies with support for identifying the expected meaning for form input data.</li> </ul>	Partially Supports	<p><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p>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):</p> <ul style="list-style-type: none"> <li>• Expected input for text fields is not consistently clear in label</li> </ul> <p>The features that may present challenges include:</p> <ul style="list-style-type: none"> <li>• Grids and Graticules</li> </ul>
<p><b><u>1.4.1 Use of Color (WCAG 2.0) (Level A)</u></b></p> <p>Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.</p>	Supports	The product does not rely on the use of color alone to visually convey information.
<p><b><u>1.4.2 Audio Control (WCAG 2.0) (Level A)</u></b></p> <p>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.</p>	Supports	The product does not contain audio that plays automatically.
<p><b><u>1.4.3 Contrast (Minimum) (WCAG 2.0) (Level AA)</u></b></p> <p>The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following:</p> <ul style="list-style-type: none"> <li>• Large Text: Large-scale text and images of large-scale text have a contrast ratio of at least 3:1.</li> </ul>	Partially Supports	<p><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p>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):</p>



Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <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> <li>Logotypes: Text that is part of a logo or brand name has no minimum contrast requirement.</li> </ul>		<ul style="list-style-type: none"> <li>Most of the application follows the standard about minimum contrast, except for Insert Map Surround Element.</li> <li>The North Arrow is a Blue Symbol(Button)/on Blue selection indicator, which will make it hard for the user to see the item in which is selected when similar color to the selection box.</li> </ul>
<p><b><u>1.4.4</u> Resize text (WCAG 2.0) (Level AA)</b></p> <p>Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality.</p>	Supports	<p>Text can be resized without assistive technology up to 200 percent without loss of content or functionality.</p> <p><b>ArcGIS Pro:</b></p> <p>User may experience difficulties 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)</p>
<p><b><u>1.4.5</u> Images of Text (WCAG 2.0) (Level AA)</b></p> <p>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:</p> <ul style="list-style-type: none"> <li>Customizable: The image of text can be visually customized to the user's requirements.</li> <li>Essential: A particular presentation of text is essential to the information being conveyed (includes logotypes).</li> </ul>	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.

Criteria	Conformance Level	Remarks and Explanations
<p><b><u>1.4.10 Reflow (WCAG 2.1) (Level AA)</u></b></p> <p>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):</p> <ul style="list-style-type: none"> <li>• Vertical scrolling content at a width equivalent to 320 CSS pixels</li> <li>• Horizontal scrolling content at a height equivalent to 256 CSS pixels</li> </ul>	Supports	Content in the product responds and reflows as necessary when zoomed and does not require scrolling in two dimensions.
<p><b><u>1.4.11 Non-text Contrast (WCAG 2.1) (Level AA)</u></b></p> <p>The visual presentation of the following has a contrast ratio of at least 3:1 against adjacent color(s).</p> <ul style="list-style-type: none"> <li>• User Interface Components: Visual information required to identify user interface components and states (except 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>	Partially Supports	<p><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p>Most user interface components and meaningful graphics in the product have a contrast ratio of at least 3:1 against adjacent colors. A rating of Partially Supports has been given for the following reason(s):</p> <ul style="list-style-type: none"> <li>• Most of the application follows the standard about minimum contrast, except for Insert Map Surround Element.</li> </ul>
<p><b><u>1.4.12 Text Spacing (WCAG 2.1) (Level AA)</u></b></p> <p>In content implemented using markup languages that support the following <a href="#">text style properties</a>, no loss of content or functionality occurs by setting all of the following and by changing no other style property:</p> <ul style="list-style-type: none"> <li>• Line height (line spacing) to at least 1.5 times the font size.</li> </ul>	Supports	The product is not implemented using markup languages.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>Spacing following paragraphs to at least 2 times the font size.</li> <li>Letter spacing (tracking) to at least 0.12 times the font size.</li> <li>Word spacing to at least 0.16 times the font size.</li> </ul>		
<p><b>1.4.13 Content on Hover or Focus (WCAG 2.1) (Level AA)</b></p> <p>Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> <li><b>Dismissible:</b> A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content.</li> <li><b>Hoverable:</b> If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing.</li> <li><b>Persistent:</b> The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid.</li> </ul>	Supports	Content made visible via hover or focus is dismissible, hoverable, and persistent throughout the product.

## WCAG Principle 2: Operable

User interface components and navigation must be operable. This includes guidelines for [Keyboard Accessibility](#), providing for [Enough Time](#) and [Seizures and Physical Reactions](#), and content that is [Navigable](#) for various [Input Modalities](#).

Table 5: WCAG Principle 2 Success Criteria - Operable

Criteria	Conformance Level	Remarks and Explanations
<p><b><a href="#">2.1.1 Keyboard (WCAG 2.0) (Level A)</a></b></p> <p>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.</p> <p><i>Note 1: This exception relates to the underlying function, not the input technique. For example, if using handwriting to enter text, the input technique (handwriting) requires path-dependent input but the underlying function (text input) does not.</i></p> <p><i>Note 2: This does not forbid and should not discourage providing mouse input or other input methods in addition to keyboard operation.</i></p>	<p>Partially Supports</p>	<p><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p>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):</p> <ul style="list-style-type: none"> <li>• Keyboard trap is a primary issue. A common challenge faced that can make interacting with the software complex is the ability to maneuver from one work area to another. Sometimes the keyboard shortcuts and navigation are swapped between arrow or tab and can cause confusion for the user.</li> <li>• The replace colors module contains a keyboard trap.</li> </ul> <p>Most of the application supports keyboard-only navigation, except for some parts of certain features and options that may present challenges when working in</p> <ul style="list-style-type: none"> <li>• Replace Colors</li> <li>• Surround Element</li> <li>• Create New Feature</li> <li>• Grids and Graticules</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
		<p><b>ArcGIS Pro:</b></p> <ul style="list-style-type: none"> <li>• Users may experience challenges operating some split buttons, combo boxes, tooltips, media buttons, grid dividers and color pickers.</li> </ul> <p>The features that may present challenged include:</p> <ul style="list-style-type: none"> <li>• Settings Page (Python tab)</li> <li>• Ribbon (View, Georeference tabs)</li> <li>• Panes (Share Layer Package, Share Mobile Map Package, Share Project Package, Print Layout)</li> <li>• Dialogs (Options, Georeferencing Options, Mensuration Options, Layer Properties)</li> <li>• Other views (Catalog, Charts, Package Manager, Python Notebook Sanity, Data Design views [Fields, Domain, Attribute Rules, Contingent Values])</li> </ul>
<p><b><u>2.1.2</u> No Keyboard Trap (WCAG 2.0) (Level A)</b></p> <p>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.</p> <p><i>Note: Since any content that does not meet this success criterion can interfere with a user's ability to use the whole page, all content on the Webpage (whether it is used to meet other</i></p>	Partially Supports	<p><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p>Most of the product does not feature any content or controls that cause a keyboard trap. However, a rating of Partially Supports has been given for the following reason(s):</p> <ul style="list-style-type: none"> <li>• The application can be leveraged for the most part with keyboard only navigation. There does tend to be a trap where the focus or keyboard indication cannot remove itself from</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
<p><i>success criteria or not) must meet this success criterion. See Conformance Requirement 5: Non-Interference.</i></p>		<p>a menu or the interface in the keyboard has changed without indication.</p> <p><b>ArcGIS Pro:</b></p> <p>Users may experience challenges executing text inputs in some sections of the Print Layout pane and the Python Notebook Sanity view.</p>
<p><b>2.1.4 Character Key Shortcuts (WCAG 2.1) (Level A)</b></p> <p>If a keyboard shortcut is implemented in content using only letter (including upper-case and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:</p> <ul style="list-style-type: none"> <li>• <b>Turn off:</b> A mechanism is available to turn the shortcut off.</li> <li>• <b>Remap:</b> A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc.).</li> <li>• <b>Active only on focus:</b> The keyboard shortcut for a user interface component is only active when that component has focus.</li> </ul>	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.
<p><b>2.2.1 Timing Adjustable (WCAG 2.0) (Level A)</b></p> <p>For each time limit that is set by the content, at least one of the following is true:</p> <ul style="list-style-type: none"> <li>• Turn off: The user is allowed to turn off the time limit before encountering it.</li> <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>	Supports	The product does not currently contain content that requires time limits or timed interactions.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <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> <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> <li>Essential Exception: The time limit is essential and extending it would invalidate the activity.</li> <li>20 Hour Exception: The time limit is longer than 20 hours.</li> </ul> <p>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.</p>		
<p><b><u>2.2.2</u> Pause, Stop, Hide (WCAG 2.0) (Level A)</b></p> <p>For moving, blinking, scrolling, or auto-updating information, all of the following are true:</p> <ul style="list-style-type: none"> <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> <li>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.</li> </ul>	Supports	<p><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p>The product does not include elements which move, blink, scroll, or auto-update.</p> <p><b>ArcGIS Pro:</b></p> <p>When the user is applying options using the View tab ribbon, they may experience difficulties pausing the Illumination Animation when using keyboard-only navigation.</p>

Criteria	Conformance Level	Remarks and Explanations
<p><b><u>2.3.1</u> Three Flashes or Below Threshold (WCAG 2.0) (Level A)</b></p> <p>Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the <a href="#">general flash and red flash thresholds</a>.</p>	Supports	<p><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p>The product does not contain any content that flashes more than three times in any one second.</p> <p><b>ArcGIS Pro:</b></p> <p>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.</p>
<p><b><u>2.4.1</u> Bypass Blocks (WCAG 2.0) (Level A)</b></p> <p>A mechanism is available to bypass blocks of content that are repeated on multiple web pages.</p>	Supports	<p>This product does not repeat content on multiple web pages, and is a non-web product.</p>
<p><b><u>2.4.2</u> Page Titled (WCAG 2.0) (Level A)</b></p> <p>Web pages have titles that describe topic or purpose.</p>	Supports	<p><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p>Page titles describe the high-level topic or purpose of the pages.</p> <p><b>ArcGIS Pro:</b></p> <p>Users may experience some challenges in the Learning Resources pages, Georeferencing Options dialog, Share Map Package pane).</p>
<p><b><u>2.4.3</u> Focus Order (WCAG 2.0) (Level A)</b></p> <p>If a web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability.</p>	Supports	<p><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p>Components within the product receive focus in a meaningful order, consistent with the expected interaction and/or reading order.</p>



Criteria	Conformance Level	Remarks and Explanations
		<p><b>ArcGIS Pro:</b></p> <ul style="list-style-type: none"> <li>• Users may experience some challenges when navigating focusable components following a logical, sequential pattern, and based on the visual hierarchy.</li> </ul> <p>The features that may present challenged include:</p> <ul style="list-style-type: none"> <li>• Start Page (Learning Resources)</li> <li>• Settings Page (New, Open, Python tabs)</li> <li>• Ribbon (View tab)</li> <li>• Panes (Share Layer Package, Share Mobile Map Package, Share Project Package, Python, Print Layout)</li> <li>• Dialogs (Options, Mensuration Options, Layer Properties)</li> </ul> <p>Other views (Catalog, Package Manager, Data Design views [Fields, Domain, Attribute Rules])</p>
<p><b><u>2.4.4</u> Link Purpose (In Context) (WCAG 2.0) (Level A)</b></p> <p>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.</p>	Supports	<p><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p>Links are understandable from the text alone or from the surrounding paragraph text.</p> <p><b>ArcGIS Pro:</b></p> <p>Some links are missing a descriptive label compatible with the assistive technology, specifically the Share Layer Package and Share Mobile Map Package panes.</p>

Criteria	Conformance Level	Remarks and Explanations
<p><b><u>2.4.5</u> Multiple Ways (WCAG 2.0) (Level AA)</b></p> <p>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.</p>	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.
<p><b><u>2.4.6</u> Headings and Labels (WCAG 2.0) (Level AA)</b></p> <p>Headings and labels describe topic or purpose.</p>	Partially Supports	<p><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p>Most content headings and labels are descriptive and unique. A rating of Partially Supports has been given for the following reason(s):</p> <ul style="list-style-type: none"> <li>• In some features, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user.</li> <li>• At times there are labels that do not indicate a clear purpose of the control or input field</li> </ul> <p>The features that may present challenges include:</p> <ul style="list-style-type: none"> <li>• Replace Colors</li> <li>• Surround Element</li> <li>• Create New Feature</li> <li>• Grids and Graticules</li> </ul> <p><b>ArcGIS Pro:</b></p> <ul style="list-style-type: none"> <li>• In some areas, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user.</li> <li>• Some buttons do not have a label to indicate the purpose of the control.</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
		<p>The features that may present challenges include:</p> <ul style="list-style-type: none"> <li>• Start Page (Learning Resources)</li> <li>• Settings Page (New, Open tabs)</li> <li>• Ribbon (View tab)</li> <li>• Panes (Catalog, Share Map Package, Share Layer Package, Share Mobile Map Package, Share Project Package, Python, Print Layout)</li> <li>• Dialogs (Georeferencing Options, Mensuration Options, Layer Properties)</li> <li>• Other views (Python Notebook Sanity, Data Design views [Fields, Attribute Rules, Contingent Values])</li> </ul>
<p><b><a href="#">2.4.7 Focus Visible (WCAG 2.0) (Level AA)</a></b></p> <p>Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible.</p>	Supports	The keyboard focus indicator is visible on all interactive components throughout the product.
<p><b><a href="#">2.5.1 Pointer Gestures (WCAG 2.1) (Level A)</a></b></p> <p>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.</p>	Supports	The product does not require multi-point or path-based pointer gestures for operation.
<p><b><a href="#">2.5.2 Pointer Cancellation (WCAG 2.1) (Level A)</a></b></p> <p>For functionality that can be operated using a single pointer, at least one of the following is true:</p> <ul style="list-style-type: none"> <li>• No Down-Event: The down-event of the pointer is not used to execute any part of the function.</li> <li>• Abort or Undo: Completion of the function is on the up-event, and a mechanism is available to abort the</li> </ul>	Supports	The product contains only functionality that can be activated on the up event of a single pointer.

Criteria	Conformance Level	Remarks and Explanations
<p>function before completion or to undo the function after completion.</p> <ul style="list-style-type: none"> <li>• Up Reversal: The up-event reverses any outcome of the preceding down-event.</li> <li>• Essential: Completing the function on the down-event is essential.</li> </ul>		
<p><b><u>2.5.3</u> Label in Name (WCAG 2.1) (Level A)</b></p> <p>For user interface components with labels that include text or images of text, the name contains the text that is presented visually.</p>	Partially Supports	<p><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p>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):</p> <p>Label inconsistencies with some components may present challenges for users, including:</p> <ul style="list-style-type: none"> <li>• Replace Colors</li> <li>• Surround Element</li> <li>• Create New Feature</li> <li>• Grids and Graticule</li> </ul> <p><b>ArcGIS Pro:</b></p> <ul style="list-style-type: none"> <li>• Some components may present challenges understanding the announced label versus the visible text label due to inconsistencies.</li> </ul> <p>The features that may present challenges include:</p> <ul style="list-style-type: none"> <li>• Settings Page (Python tab)</li> <li>• Panes (Share Layer Package, Share Project Package, Print Layout)</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> <li>• Dialogs (Layer Properties)</li> <li>• Data Design views (Attribute Rules, Contingent Values)</li> </ul>
<p><b><u>2.5.4</u> Motion Actuation (WCAG 2.1) (Level A)</b></p> <p>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:</p> <ul style="list-style-type: none"> <li>• Supported Interface: The motion is used to operate functionality through an accessibility supported interface.</li> <li>• Essential: The motion is essential for the function and doing so would invalidate the activity.</li> </ul>	Supports	The product does not contain any functionality that can be operated by device motion or user motion.

## WCAG Principle 3: Understandable

Information and the operation of user interface must be understandable. This includes guidelines for content that is [Readable](#) and [Predictable](#), and provides [Input Assistance](#).

Table 6: WCAG Principle 3 Success Criteria - Understandable

Criteria	Conformance Level	Remarks and Explanations
<p><b><a href="#">3.1.1</a> Language of Page (WCAG 2.0) (Level A)</b></p> <p>The default human language of each web page can be programmatically determined.</p>	Supports	The language of each page in the product is programmatically determinable.
<p><b><a href="#">3.1.2</a> Language of Parts (WCAG 2.0) (Level AA)</b></p> <p>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.</p>	Supports	Content in the product is only presented in one language at a time.
<p><b><a href="#">3.2.1</a> On Focus (WCAG 2.0) (Level A)</b></p> <p>When any component receives focus, it does not initiate a change of context.</p>	Supports	<p><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p>User interface components in the product do not initiate a change of context when they receive focus.</p> <p><b>ArcGIS Pro:</b></p> <ul style="list-style-type: none"> <li>The focus changes context when adjusting the Illumination options in the View tab ribbon.</li> <li>The context does not change accordingly when cloning a new environment in Package Manager.</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
<p><b><u>3.2.2</u> On Input (WCAG 2.0) (Level A)</b></p> <p>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.</p>	Supports	<p><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p>Changes of context do not occur automatically on user input.</p> <p><b>ArcGIS Pro:</b></p> <ul style="list-style-type: none"> <li>• Users may experience challenges working with the View format option in the Python Notebook Sanity window.</li> <li>• 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.</li> </ul>
<p><b><u>3.2.3</u> Consistent Navigation (WCAG 2.0) (Level AA)</b></p> <p>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.</p>	Partially Supports	<p><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p>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):</p> <p>There are some inconsistencies when it comes to using the arrow and tab keys in the Grids and graticules. For instance, there is a “trap” in Geoprocessing Toolboxes Menu when attempting to use tab / arrow.</p> <p><b>ArcGIS Pro:</b></p> <p>There are some inconsistencies when operating split buttons, and the focus indicator is not always</p>

Criteria	Conformance Level	Remarks and Explanations
<p data-bbox="117 337 856 370"><b>3.2.4 Consistent Identification (WCAG 2.0) (Level AA)</b></p> <p data-bbox="117 386 892 451">Components that have the same functionality within a set of web pages are identified consistently.</p>	<p data-bbox="976 337 1213 370">Partially Supports</p>	<p data-bbox="1285 240 1900 305">consistent in the Python Notebook Sanity view, Contingent Values view, and View ribbon.</p> <p data-bbox="1285 337 1864 402"><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p data-bbox="1285 418 1974 552">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):</p> <p data-bbox="1285 568 1969 633">Consistent identification with some components may present challenges for users, including:</p> <ul data-bbox="1333 649 1648 836" style="list-style-type: none"> <li>• Replace Colors</li> <li>• Surround Element</li> <li>• Create New Feature</li> <li>• Grids and Graticule</li> </ul> <p data-bbox="1285 958 1459 990"><b>ArcGIS Pro:</b></p> <p data-bbox="1285 1006 1948 1071">Some input text fields are not identified with a fixed label describing the purpose of the field.</p>
<p data-bbox="117 1109 756 1141"><b>3.3.1 Error Identification (WCAG 2.0) (Level A)</b></p> <p data-bbox="117 1157 913 1222">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.</p>	<p data-bbox="976 1109 1102 1141">Supports</p>	<p data-bbox="1285 1109 1864 1174"><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p data-bbox="1285 1190 1969 1320">Where input errors are automatically detected in the product, items in error are identified and error messages are conveyed to assistive technologies or in text.</p>



Criteria	Conformance Level	Remarks and Explanations
		<p><b>ArcGIS Pro:</b></p> <ul style="list-style-type: none"> <li>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).</li> <li>Some error messages are not announced as part of the packaging process or adding a new environment in the Share Mobile Map Package pane and Package Manager window.</li> </ul>
<p><b><u>3.3.2</u> Labels or Instructions (WCAG 2.0) (Level A)</b></p> <p>Labels or instructions are provided when content requires user input.</p>	Partially Supports	<p><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p>The product provides sufficient instructions for user input in most cases. A rating of Partially Supports has been given for the following reason(s):</p> <ul style="list-style-type: none"> <li>Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls.</li> </ul> <p>These challenges may be present in the following features:</p> <ul style="list-style-type: none"> <li>Replace Colors</li> <li>Surround Element</li> <li>Create New Feature</li> <li>Grids and Graticules</li> </ul> <p><b>ArcGIS Pro:</b></p>

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> <li>Some functionalities are missing instructions for better understanding of how to interact with certain controls.</li> </ul> <p>The features that may present challenges include:</p> <ul style="list-style-type: none"> <li>Ribbon (View, Georeferencing tabs)</li> <li>Panes (Catalog, Share Map Package, Share Layer Package, Share Mobile Map Package, some Geoprocessing)</li> <li>Dialogs (Layer Properties)</li> <li>Data Design views (Subtypes, Attribute Rules)</li> </ul>
<p><b><a href="#">3.3.3 Error Suggestion (WCAG 2.0) (Level AA)</a></b></p> <p>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.</p>	Supports	The product does not contain any content that requires user input.

Criteria	Conformance Level	Remarks and Explanations
<p><b>3.3.4 Error Prevention (Legal, Financial, Data) (WCAG 2.0) (Level AA)</b></p> <p>For web pages 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:</p> <ul style="list-style-type: none"><li>• Reversible: Submissions are reversible</li><li>• Checked: Data entered by the user is checked for input errors and the user is provided an opportunity to correct them</li><li>• Confirmed: A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission</li></ul>	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. This includes guidelines for content that is [Compatible](#).

Table 7: WCAG Principle 4 Success Criteria - Robust

Criteria	Conformance Level	Remarks and Explanations
<p><b><a href="#">4.1.1 Parsing (Obsolete and removed)</a></b></p> <p>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.</p>	Supports	<p>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 <a href="#">WCAG 2.0 Editorial Errata</a> and the <a href="#">WCAG 2.1 Editorial Errata</a>.</p> <p>This criterion is obsolete and removed for WCAG 2.2.</p>
<p><b><a href="#">4.1.2 Name, Role, Value (WCAG 2.0) (Level A)</a></b></p> <p>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.</p>	Partially Supports	<p><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p>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):</p> <ul style="list-style-type: none"> <li>• 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.</li> </ul> <p><b>ArcGIS Pro:</b></p> <ul style="list-style-type: none"> <li>• Most controls indicate Name properties for the screen reader to read.</li> <li>• Most state changes for the relevant UI controls are provided. Exceptions about announcements on</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
		<p>state changes may occur when users interact with Tables.</p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• Many controls show inconsistencies when providing interaction tips, which may cause challenges in keyboard navigation for users</li> </ul>
<p><b><u>4.1.3</u> Status Messages (WCAG 2.1) (Level AA)</b></p> <p>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.</p>	Partially Supports	<p><b>ArcGIS Defense Mapping and Production Mapping extension:</b></p> <p>The majority of 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. A rating of Partially Supports has been given for the following reason(s):</p> <ul style="list-style-type: none"> <li>• Some mislabeled containers / headers / labels may cause false state being notified.</li> </ul> <p><b>ArcGIS Pro:</b></p> <p>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</p>

## 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
<p><b>302.1 Without Vision</b></p> <p>Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that does not require user vision.</p> <p>Related WCAG success criteria:</p> <ul style="list-style-type: none"> <li>• <b>Perceivable:</b> 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> <li>• <b>Operable:</b> 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</li> <li>• <b>Understandable:</b> 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>• <b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>	Partially Supports	<p>A rating of Partially Supports has been given due to the following related WCAG criteria:</p> <ul style="list-style-type: none"> <li>• User may experience challenges in identifying the labels associated with some buttons, grid sliders, controls that receive focus.</li> <li>• Challenges may be present with the identification of tables and table headers and values not being announced by the screen reader.</li> <li>• Elements such as headings and some content areas are also not announced at times by the assistive technology.</li> <li>• Expected input for text fields is not consistently clear in label.</li> <li>• Some controls are not keyboard accessible.</li> <li>• Keyboard traps exist.</li> <li>• In some areas, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user.</li> <li>• No consistency with visible labels providing information.</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> <li>Some buttons have insufficiently descriptive accessible names.</li> <li>Some tab controls are not marked according to their specifications.</li> <li>Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls.</li> <li>The instance of state being notified, but when containers are mislabeled the state notice pertaining to the attribute may fall false in some cases.</li> <li>Some controls lack accessible names.</li> </ul>
<p><b>302.2 With Limited Vision</b></p> <p>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.</p> <p>Related WCAG success criteria:</p> <ul style="list-style-type: none"> <li><b>Perceivable:</b> 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><b>Operable:</b> 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</li> </ul>	Partially Supports	<p>A rating of Partially Supports has been given due to the following related WCAG criteria:</p> <ul style="list-style-type: none"> <li>User may experience challenges in identifying the labels associated with some buttons, grid sliders, controls that receive focus.</li> <li>Challenges may be present with the identification of tables and table headers and values not being announced by the screen reader.</li> <li>Elements such as headings and some content areas are also not announced at times by the assistive technology.</li> <li>Text, against the current background, does not meet the require minimum color contrast.</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
<p>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</p> <ul style="list-style-type: none"> <li>• <b>Understandable:</b> 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>• <b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		<ul style="list-style-type: none"> <li>• Expected input for text fields is not consistently clear in label.</li> <li>• Some controls are not keyboard accessible.</li> <li>• Keyboard traps exist.</li> <li>• In some areas, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user.</li> <li>• No consistency with visible labels providing information.</li> <li>• Some buttons have insufficiently descriptive accessible names.</li> <li>• Some tab controls are not marked according to their specifications.</li> <li>• Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls.</li> <li>• The instance of state being notified, but when containers are mislabeled the state notice pertaining to the attribute may fall false in some cases.</li> <li>• Some controls lack accessible names.</li> </ul>



Criteria	Conformance Level	Remarks and Explanations
<p><b>302.3 Without Perception of Color</b></p> <p>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.</p> <p>Related WCAG success criteria:</p> <ul style="list-style-type: none"> <li>• <b>Perceivable:</b> 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>• <b>Operable:</b> 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>• <b>Understandable:</b> 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>• <b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>	Partially Supports	<p>A rating of Partially Supports has been given due to the following related WCAG criteria:</p> <ul style="list-style-type: none"> <li>• Text, against the current background, does not meet the require minimum color contrast</li> <li>• In some areas, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user.</li> <li>• No consistency with visible labels providing information.</li> <li>• No consistency with visible labels providing information.</li> <li>• Some buttons have insufficiently descriptive accessible names.</li> <li>• Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls.</li> <li>• The instance of state being notified, but when containers are mislabeled the state notice pertaining to the attribute may fall false in some cases.</li> <li>• Some controls lack accessible names.</li> </ul>
<p><b>302.4 Without Hearing</b></p> <p>Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that does not require user hearing.</p> <p>Related WCAG success criteria:</p>	Supports	The product does not require the use of hearing.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>• <b>Perceivable:</b> 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> <li>• <b>Understandable:</b> 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.3.4 Error Prevention</li> <li>• <b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		
<p><b>302.5 With Limited Hearing</b></p> <p>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.</p> <p>Related WCAG success criteria:</p> <ul style="list-style-type: none"> <li>• <b>Perceivable:</b> 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> <li>• <b>Understandable:</b> 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.3.4 Error Prevention</li> <li>• <b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>	Supports	The product does not require the use of hearing.
<p><b>302.6 Without Speech</b></p> <p>Where speech is used for input, control, or operation, ICT shall provide at least one mode of operation that does not require user speech.</p> <p>Related WCAG success criteria:</p> <ul style="list-style-type: none"> <li>• <b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>	Supports	The product does not require the use of speech.

Criteria	Conformance Level	Remarks and Explanations
<p><b>302.7 With Limited Manipulation</b></p> <p>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.</p> <p>Related WCAG success criteria:</p> <ul style="list-style-type: none"> <li>• <b>Perceivable:</b> 1.1.1 Non-text Content</li> <li>• <b>Operable:</b> 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>• <b>Understandable:</b> 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>• <b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>	Partially Supports	<p>A rating of Partially Supports has been given due to the following related WCAG criteria:</p> <ul style="list-style-type: none"> <li>• Some controls are not keyboard accessible.</li> <li>• Keyboard traps exist.</li> <li>• In some areas, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user.</li> <li>• No consistency with visible labels providing information.</li> <li>• Some buttons have insufficiently descriptive accessible names.</li> <li>• Some tab controls are not marked according to their specifications.</li> <li>• Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls.</li> <li>• The instance of state being notified, but when containers are mislabeled the state notice pertaining to the attribute may fall false in some cases.</li> <li>• Some controls lack accessible names.</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
<p><b>302.8 With Limited Reach and Strength</b></p> <p>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.</p> <p>Related WCAG success criteria:</p> <ul style="list-style-type: none"> <li>• <b>Perceivable:</b> 1.1.1 Non-text Content, 1.2.2 Captions (Prerecorded)</li> <li>• <b>Operable:</b> 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>• <b>Understandable:</b> 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>• <b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>	Partially Supports	<p>A rating of Partially Supports has been given due to the following related WCAG criteria:</p> <ul style="list-style-type: none"> <li>• Some controls are not keyboard accessible.</li> <li>• Keyboard traps exist.</li> <li>• In some areas, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user.</li> <li>• No consistency with visible labels providing information.</li> <li>• Some buttons have insufficiently descriptive accessible names.</li> <li>• Some tab controls are not marked according to their specifications.</li> <li>• Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls.</li> <li>• The instance of state being notified, but when containers are mislabeled the state notice pertaining to the attribute may fall false in some cases.</li> <li>• Some controls lack accessible names.</li> </ul>
<p><b>302.9 With Limited Language, Cognitive, and Learning Abilities</b></p> <p>ICT shall provide features making its use by individuals with limited cognitive, language, and learning abilities simpler and easier.</p>	Partially Supports	<p>A rating of Partially Supports has been given due to the following related WCAG criteria:</p> <ul style="list-style-type: none"> <li>• User may experience challenges in identifying the labels associated with some</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
<p>Related WCAG success criteria:</p> <ul style="list-style-type: none"> <li>• <b>Perceivable:</b> 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 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</li> <li>• <b>Operable:</b> 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>• <b>Understandable:</b> 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>• <b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		<p>buttons, grid sliders, controls that receive focus.</p> <ul style="list-style-type: none"> <li>• Challenges may be present with the identification of tables and table headers and values not being announced by the screen reader.</li> <li>• Elements such as headings and some content areas are also not announced at times by the assistive technology.</li> <li>• Text, against the current background, does not meet the require minimum color contrast.</li> <li>• Expected input for text fields is not consistently clear in label.</li> <li>• Some controls are not keyboard accessible.</li> <li>• Keyboard traps exist.</li> <li>• In some areas, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user.</li> <li>• No consistency with visible labels providing information.</li> <li>• Some buttons have insufficiently descriptive accessible names.</li> <li>• Some tab controls are not marked according to their specifications.</li> <li>• Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls.</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
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- The instance of state being notified, but when containers are mislabeled the state notice pertaining to the attribute may fall false in some cases.
- Some controls lack accessible names.

## [Chapter 4](#): Hardware

ArcGIS Defense Mapping and ArcGIS Production Mapping are 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
<b>501.1 Scope – Incorporation of WCAG 2.0 AA</b>		See information in WCAG 2.1 report sections
<b>502 Interoperability with Assistive Technology</b>		
<b>502.2.1 User Control of Accessibility Features</b> Platform software shall provide user control over platform features that are defined in the platform documentation as accessibility features.	Partially Supports	The product does not disrupt platform accessibility features.
<b>502.2.2 No Disruption of Accessibility Features</b> Software shall not disrupt platform features that are defined in the platform documentation as accessibility features.	Partially Supports	The product does not disrupt platform accessibility features.
<b>502.3 Accessibility Services</b>		
<b>502.3.1 Object Information</b> 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.
<b>502.3.2 Modification of Object Information</b> 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
<p><b>502.3.3 Row, Column, and Headers</b></p> <p>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.</p>	Partially Supports	As noted in 1.3.1 Info and Relationships, many table elements do not provide programmatic information about structure and relationships.
<p><b>502.3.4 Values</b></p> <p>Any current value(s), and any set or range of allowable values associated with an object, shall be programmatically determinable.</p>	Partially Supports	As noted in 4.1.2 Name, Role, Value, many values are not perceivable.
<p><b>502.3.5 Modification of Values</b></p> <p>Values that can be set by the user shall be capable of being set programmatically, including through assistive technology.</p>	Partially Supports	As noted in 2.1.1 Keyboard and 4.1.2 Name, Role, Value, many values cannot be modified by keyboard users.
<p><b>502.3.6 Label Relationships</b></p> <p>Any relationship that a component has as a label for another component, or of being labeled by another component, shall be programmatically determinable.</p>	Partially Supports	As noted in 1.3.1 Info and Relationships and 4.1.2 Name, Role, Value, some elements are not properly labelled.
<p><b>502.3.7 Hierarchical Relationships</b></p> <p>Any hierarchical (parent-child) relationship that a component has as a container for, or being contained by, another component shall be programmatically determinable.</p>	Partially Supports	As noted in 1.3.1 Info and Relationships, some structural hierarchical elements are not properly implemented.
<p><b>502.3.8 Text</b></p> <p>The content of text objects, text attributes, and the boundary of text rendered to the screen, shall be programmatically determinable.</p>	Partially Supports	As noted in 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
<p><b>502.3.9 Modification of Text</b></p> <p>Text that can be set by the user shall be capable of being set programmatically, including through assistive technology.</p>	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.
<p><b>502.3.10 List of Actions</b></p> <p>A list of all actions that can be executed on an object shall be programmatically determinable.</p>	Partially Supports	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.
<p><b>502.3.11 Actions on Objects</b></p> <p>Applications shall allow assistive technology to programmatically execute available actions on objects.</p>	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.
<p><b>502.3.12 Focus Cursor</b></p> <p>Applications shall expose information and mechanisms necessary to track focus, text insertion point, and selection attributes of user interface components.</p>	Partially Supports	As noted in 4.1.2 Name, Role, Value, some elements lack support for focus cursor visibility.
<p><b>502.3.13 Modification of Focus Cursor</b></p> <p>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.</p>	Partially Supports	As noted in 2.1.1 Keyboard and 4.1.2 Name, Role, Value, many controls are not in the focus order.
<p><b>502.3.14 Event Notification</b></p> <p>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.</p>	Partially Supports	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.
<b>502.4 Platform Accessibility Features</b>	Supports	
<b>503 Applications</b>		

Criteria	Conformance Level	Remarks and Explanations
<p><b>503.2 User Preferences</b></p> <p>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.</p>	Supports	
<p><b>503.3 Alternative User Interfaces</b></p> <p>Where an application provides an alternative user interface that functions as assistive technology, the application shall use platform and other industry standard accessibility services.</p>	Supports	
<p><b>503.4 User Controls for Captions and Audio Description</b></p>		
<p><b>503.4.1 Caption Controls</b></p> <p>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.</p>	Supports	
<p><b>503.4.2 Audio Description Controls</b></p> <p>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.</p>	Supports	

Criteria	Conformance Level	Remarks and Explanations
<b>504 Authoring Tools</b>		
<p><b>504.2 Content Creation or Editing</b></p> <p>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.</p> <p>Exception: Authoring tools shall not be required to conform to 504.2 when used to directly edit plain text source code.</p>	See WCAG conformance levels	See information in WCAG 2.1 report sections
<p><b>504.2.1 Preservation of Information Provided for Accessibility in Format Conversion</b></p> <p>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.</p>	See WCAG conformance levels	See information in WCAG 2.1 report sections
<p><b>504.2.2 PDF Export</b></p> <p>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/ALIM/ISO 14289–1:2016 (PDF/UA– 1) (incorporated by reference, see 702.3.1).</p>	Partially Supports	

Criteria	Conformance Level	Remarks and Explanations
<b>504.3 Prompts</b> 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 in WCAG 2.2 report sections.
<b>504.4 Templates</b> 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 in WCAG 2.2 report sections.

## Chapter 6: Support Documentation and Services

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

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

Criteria	Conformance Level	Remarks and Explanations
<b>602 Support Documentation</b>		
<p><b>602.2 Accessibility and Compatibility Features</b></p> <p>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.</p>	Supports	This product report is not impacted by Chapters 4 and 5.
<p><b>602.3 Electronic Support Documentation</b></p> <p>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).</p>	Partially Supports	Web-based electronic support documentation is available for this product.
<p><b>602.4 Alternate Formats for Non-Electronic Support Documentation</b></p> <p>Where support documentation is only provided in non-electronic formats, alternate formats usable by individuals with disabilities shall be provided upon request.</p>	Supports	Web-based electronic support documentation is available for this product.
<b>603 Support Services</b>		

Criteria	Conformance Level	Remarks and Explanations
<b>603.2 Information on Accessibility and Compatibility Features</b> ICT support services shall include information on the accessibility and compatibility features required by 602.2.	Supports	This product report is not impacted by Chapters 4 and 5 (as described in 602.2).
<b>603.3 Accommodation of Communication Needs</b> 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
<p><b>4.2.1 Usage Without Vision</b></p> <p>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.</p> <p>Related WCAG success criteria:</p> <ul style="list-style-type: none"> <li>• <b>Perceivable:</b> 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> <li>• <b>Operable:</b> 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</li> <li>• <b>Understandable:</b> 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>	Partially Supports	<p>A rating of Partially Supports has been given due to the following related WCAG criteria:</p> <ul style="list-style-type: none"> <li>• User may experience challenges in identifying the labels associated with some buttons, grid sliders, controls that receive focus.</li> <li>• Challenges may be present with the identification of tables and table headers and values not being announced by the screen reader.</li> <li>• Elements such as headings and some content areas are also not announced at times by the assistive technology.</li> <li>• Expected input for text fields is not consistently clear in label.</li> <li>• Some controls are not keyboard accessible.</li> <li>• Keyboard traps exist.</li> <li>• In some areas, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user.</li> <li>• No consistency with visible labels providing information.</li> </ul>



Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li><b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		<ul style="list-style-type: none"> <li>Some buttons have insufficiently descriptive accessible names.</li> <li>Some tab controls are not marked according to their specifications.</li> <li>Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls.</li> <li>The instance of state being notified, but when containers are mislabeled the state notice pertaining to the attribute may fall false in some cases.</li> <li>Some controls lack accessible names.</li> </ul>
<p><b>4.2.2 Usage With Limited Vision</b></p> <p>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.</p> <p>Related WCAG success criteria:</p> <ul style="list-style-type: none"> <li><b>Perceivable:</b> 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><b>Operable:</b> 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,</li> </ul>	Partially Supports	<p>A rating of Partially Supports has been given due to the following related WCAG criteria:</p> <ul style="list-style-type: none"> <li>User may experience challenges in identifying the labels associated with some buttons, grid sliders, controls that receive focus.</li> <li>Challenges may be present with the identification of tables and table headers and values not being announced by the screen reader.</li> <li>Elements such as headings and some content areas are also not announced at times by the assistive technology.</li> <li>Text, against the current background, does not meet the require minimum color contrast.</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
<p>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</p> <ul style="list-style-type: none"> <li>• <b>Understandable:</b> 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>• <b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		<ul style="list-style-type: none"> <li>• Expected input for text fields is not consistently clear in label.</li> <li>• Some controls are not keyboard accessible.</li> <li>• Keyboard traps exist.</li> <li>• In some areas, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user.</li> <li>• No consistency with visible labels providing information.</li> <li>• Some buttons have insufficiently descriptive accessible names.</li> <li>• Some tab controls are not marked according to their specifications.</li> <li>• Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls.</li> <li>• The instance of state being notified, but when containers are mislabeled the state notice pertaining to the attribute may fall false in some cases.</li> <li>• Some controls lack accessible names</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
<p><b>4.2.3 Usage Without Perception of Color</b></p> <p>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.</p> <p>Related WCAG success criteria:</p> <ul style="list-style-type: none"> <li>• <b>Perceivable:</b> 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>• <b>Operable:</b> 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>• <b>Understandable:</b> 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>• <b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>	Partially Supports	<p>A rating of Partially Supports has been given due to the following related WCAG criteria:</p> <ul style="list-style-type: none"> <li>• Text, against the current background, does not meet the require minimum color contrast</li> <li>• In some areas, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user.</li> <li>• No consistency with visible labels providing information.</li> <li>• No consistency with visible labels providing information.</li> <li>• Some buttons have insufficiently descriptive accessible names.</li> <li>• Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls.</li> <li>• The instance of state being notified, but when containers are mislabeled the state notice pertaining to the attribute may fall false in some cases.</li> <li>• Some controls lack accessible names.</li> </ul>
<p><b>4.2.4 Usage Without Hearing</b></p> <p>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.</p> <p>Related WCAG success criteria:</p>	Supports	The product does not require the use of hearing.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>• <b>Perceivable:</b> 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> <li>• <b>Understandable:</b> 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.3.4 Error Prevention</li> <li>• <b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		
<p><b>4.2.5 Usage With Limited Hearing</b></p> <p>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.</p> <p>Related WCAG success criteria:</p> <ul style="list-style-type: none"> <li>• <b>Perceivable:</b> 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> <li>• <b>Understandable:</b> 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.3.4 Error Prevention</li> <li>• <b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>	Supports	The product does not require the use of hearing.
<p><b>4.2.6 Usage With No or Limited Vocal Capacity</b></p> <p>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.</p>	Supports	The product is usable by those with no or limited vocal capability.

Criteria	Conformance Level	Remarks and Explanations
<p>Related WCAG success criteria:</p> <ul style="list-style-type: none"> <li>• <b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		
<p><b>4.2.7 Usage With Limited Manipulation or Strength</b></p> <p>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.</p> <p>Related WCAG success criteria:</p> <ul style="list-style-type: none"> <li>• <b>Perceivable:</b> 1.1.1 Non-text Content</li> <li>• <b>Operable:</b> 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>• <b>Understandable:</b> 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>• <b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>	Partially Supports	<p>A rating of Partially Supports has been given due to the following related WCAG criteria:</p> <ul style="list-style-type: none"> <li>• Some controls are not keyboard accessible.</li> <li>• Keyboard traps exist.</li> <li>• In some areas, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user.</li> <li>• No consistency with visible labels providing information.</li> <li>• Some buttons have insufficiently descriptive accessible names.</li> <li>• Some tab controls are not marked according to their specifications.</li> <li>• Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls.</li> <li>• The instance of state being notified, but when containers are mislabeled the state notice pertaining to the attribute may fall false in some cases.</li> <li>• Some controls lack accessible names.</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
<p><b>4.2.8 Usage With Limited Reach</b></p> <p>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.</p> <p>Related WCAG success criteria:</p> <ul style="list-style-type: none"> <li>• <b>Perceivable:</b> 1.1.1 Non-text Content</li> <li>• <b>Operable:</b> 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>• <b>Understandable:</b> 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>• <b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>	Partially Supports	<p>A rating of Partially Supports has been given due to the following related WCAG criteria:</p> <ul style="list-style-type: none"> <li>• Some controls are not keyboard accessible.</li> <li>• Keyboard traps exist.</li> <li>• In some areas, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user.</li> <li>• No consistency with visible labels providing information.</li> <li>• Some buttons have insufficiently descriptive accessible names.</li> <li>• Some tab controls are not marked according to their specifications.</li> <li>• Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls.</li> <li>• The instance of state being notified, but when containers are mislabeled the state notice pertaining to the attribute may fall false in some cases.</li> <li>• Some controls lack accessible names.</li> </ul>
<p><b>4.2.9 Minimize Photosensitive Seizure Triggers</b></p> <p>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.</p>	Supports	The product does not contain photosensitive seizure triggers or flashing content.

Criteria	Conformance Level	Remarks and Explanations
<p>Related WCAG success criteria:</p> <ul style="list-style-type: none"> <li>• <b>Perceivable:</b> 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), 1.4.5 Images of Text, 1.4.11 Non-text Contrast, 1.4.13 Content on Hover or Focus</li> <li>• <b>Operable:</b> 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold</li> <li>• <b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		
<p><b>4.2.10 Usage With Limited Cognition, Language, or Learning</b></p> <p>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.</p> <p>Related WCAG success criteria:</p> <ul style="list-style-type: none"> <li>• <b>Perceivable:</b> 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</li> <li>• <b>Operable:</b> 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>	Partially Supports	<p>A rating of Partially Supports has been given due to the following related WCAG criteria:</p> <ul style="list-style-type: none"> <li>• User may experience challenges in identifying the labels associated with some buttons, grid sliders, controls that receive focus.</li> <li>• Challenges may be present with the identification of tables and table headers and values not being announced by the screen reader.</li> <li>• Elements such as headings and some content areas are also not announced at times by the assistive technology.</li> <li>• Text, against the current background, does not meet the require minimum color contrast.</li> <li>• Expected input for text fields is not consistently clear in label.</li> </ul>

Criteria	Conformance Level	Remarks and Explanations
<p>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</p> <ul style="list-style-type: none"> <li>• <b>Understandable:</b> 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>• <b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		<ul style="list-style-type: none"> <li>• Some controls are not keyboard accessible.</li> <li>• Keyboard traps exist.</li> <li>• In some areas, the screen-reader does not announce certain headings nor show consistency with visible labels providing information to the user.</li> <li>• No consistency with visible labels providing information.</li> <li>• Some buttons have insufficiently descriptive accessible names.</li> <li>• Some tab controls are not marked according to their specifications.</li> <li>• Some functionalities may present challenges as the product lacks helpful instructions for users to better understanding how to interact with certain controls.</li> <li>• The instance of state being notified, but when containers are mislabeled the state notice pertaining to the attribute may fall false in some cases.</li> <li>• Some controls lack accessible names.</li> </ul>
<p><b>4.2.11 Privacy</b></p> <p>Where ICT provides features for accessibility, the ICT maintains the privacy of users of these features at the same level as other users.</p> <p>Related WCAG success criteria:</p> <ul style="list-style-type: none"> <li>• <b>Perceivable:</b> 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</li> </ul>	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.



Criteria	Conformance Level	Remarks and Explanations
<p>(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</p> <ul style="list-style-type: none"> <li>• <b>Operable:</b> 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</li> <li>• <b>Understandable:</b> 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>• <b>Robust:</b> 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages</li> </ul>		

## [Chapter 5: Generic Requirements](#)

ArcGIS Defense Mapping and ArcGIS Production Mapping are 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 Defense Mapping and ArcGIS Production Mapping are 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 Defense Mapping and ArcGIS Production Mapping are 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 Defense Mapping and ArcGIS Production Mapping are 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 Defense Mapping and ArcGIS Production Mapping are not impacted by Chapter 10: Non-Web Documents. This section has been removed from the report.

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## 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
<b>11.5 Interoperability with Assistive Technology</b>		
<b>11.5.1 Closed</b>		
<b>11.5.2 Accessibility Services</b>		
<b>11.5.2.1 Platform accessibility service support for software that provides a user interface</b>	See 11.5.2.5 through 11.5.2.17	See information in 11.5.2.5 through 11.5.2.17
<b>11.5.2.2 Platform accessibility service support for assistive technologies</b>	See 11.5.2.5 through 11.5.2.17	See information in 11.5.2.5 through 11.5.2.17
<b>11.5.2.3</b> Use of accessibility services	Partially Supports	The product does not disrupt platform accessibility features.
<b>11.5.2.4</b> Assistive technology	Partially Supports	The product does not disrupt assistive technology features.
<b>11.5.2.5</b> Object information	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.
<b>11.5.2.6</b> Rows, columns, and headers	Partially Supports	As noted in 1.3.1 Info and Relationships, many table elements do not provide programmatic information about structure and relationships.
<b>11.5.2.7</b> Values	Partially Supports	As noted in 4.1.2 Name, Role, Value, many values are not perceivable.

Criteria	Conformance Level	Remarks and Explanations
<b>11.5.2.8</b> Label relationships	Partially Supports	As noted in 1.3.1 Info and Relationships and 4.1.2 Name, Role, Value, some elements are not properly labelled.
<b>11.5.2.9</b> Parent-child relationships	Partially Supports	As noted in 1.3.1 Info and Relationships, some structural hierarchical elements are not properly implemented.
<b>11.5.2.10</b> Text	Partially Supports	As noted in 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.
<b>11.5.2.11</b> List of available actions	Partially Supports	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.
<b>11.5.2.12</b> Execution of available actions	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.
<b>11.5.2.13</b> Tracking of focus and selection attributes	Partially Supports	As noted in 4.1.2 Name, Role, Value, some elements lack support for focus cursor visibility.
<b>11.5.2.14</b> Modification of focus and selection attributes	Partially Supports	As noted in 2.1.1 Keyboard and 4.1.2 Name, Role, Value, many controls are not in the focus order.
<b>11.5.2.15</b> Change notification	Partially Supports	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.
<b>11.5.2.16</b> Modifications of states and properties	Partially Supports	As noted in 2.1.1 Keyboard and 4.1.2 Name, Role, Value, many states and properties cannot be modified by keyboard users.

Criteria	Conformance Level	Remarks and Explanations
<b>11.5.2.17</b> Modifications of values and text	Partially Supports	As noted in 2.1.1 Keyboard and 4.1.2 Name, Role, Value, some values and text do not provide accessible names to modify input.
<b>11.6 Documented Accessibility Usage</b>		
<b>11.6.1</b> User control of accessibility features	Supports	
<b>11.6.2</b> No disruption of accessibility features	Supports	
<b>11.7</b> User preferences	Supports	
<b>11.8 Authoring Tools</b>		
<b>11.8.1 Content Technology</b>		
<b>11.8.2</b> Accessible content creation	See WCAG conformance levels	See information in WCAG 2.2 report sections.
<b>11.8.3</b> Preservation of accessibility information in transformations	See WCAG conformance levels	See information in WCAG 2.2 report sections.
<b>11.8.4</b> Repair assistance	Partially Supports	See information in WCAG 2.2 report sections.
<b>11.8.5</b> Templates	Partially Supports	See information in WCAG 2.2 report sections.

## Chapter 12: Documentation and Support Services

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

Table 13: EN 301 549 Chapter 12 - Documentation and Support Services

Criteria	Conformance Level	Remarks and Explanations
<b>12.1 Product Documentation</b>		
<b>12.1.1 Accessibility and Compatibility Features</b> 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.	Supports	Web-based electronic support documentation is available for this product.
<b>12.1.2 Accessible Documentation</b> 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.
<b>12.2 Support Services</b>		
<b>12.2.2 Information on Accessibility and Compatibility Features</b> 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.
<b>12.2.3 Effective Communication</b> 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
<b>12.2.4 Accessible Documentation</b> 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.