Esri Accessibility Conformance Report
ArcGIS Instant Apps

Product Version: December, 2021
Report Date: 02/04/2022

Table of Contents

List of Tables

Esri Accessibility Conformance Report

Product Information

Product Name/Version: ArcGIS Instant Apps (December, 2021 version)

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

Product Release Date: 12/07/2021

Report Date: 02/02/2022

Product Description: ArcGIS Instant Apps provide the ability to create and share interactive web applications in ArcGIS Online and ArcGIS Enterprise. Providing functionality to select a template, configure tools & share out a completed app.

Notes: The scope of this accessibility evaluation of ArcGIS Instant Apps is limited to the core functionality Instant Apps templates and the Instant Apps configuration experience. Additional accessibility evaluation was also conducted on this product by Esri internal analysts, and supplemental language has been included in the 'Conformance Level' and/or 'Remarks and Explanations' sections within the report tables. Any additions made to this document by Esri internal analysts are identified in additional notes throughout the report. This product is heavily dependent upon user created and configured content and emphasizes the need for supplemental understanding of accessibility conformance standards. The map related features of product will be subject to certain restrictions on accessibility support for map interactions.

Evaluation Methods Used: The product was tested by certified accessibility professionals on mobile and desktop environments. Assistive technology and browser combinations tested include JAWS 2020 and Chrome, iOS VoiceOver & Safari, ZoomText 2020 and Chrome, and Dragon Professional and Chrome. The Chrome, VoiceOver & Safari versions tested against were the latest as of August 2020.

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

For more information regarding Esri accessibility and Section 508, visit https://www.esri.com/en-us/legal/accessibility.

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

Table 1: Applicable Standards and Guidelines

Standards / Guidelines	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes) Level AAA (No)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (No)
Revised Section 508 Standards	(Yes)
EN 301 549 V3.1.1	(Yes)

Table 2: Record of Changes

Version	Date	Description of Changes
1.0	11/05/2020	Evaluation results and explanations updated by testing vendor (initial version)
1.1	12/04/2020	Updated to 2.4 VPAT® template and Esri ACR format
2.0	02/04/2022	Accessibility conformance report updated by Esri internal to align with the December 2021 product release
2.1	02/22/2022	Evaluation results and explanations updated by Esri internal
2.2	07/22/2022	Evaluation results and explanations updated by Esri internal (WCAG 1.4.13 Content on Hover or Focus, 2.4.2 Page Titled, 2.4.6 Headings and Labels) to correspond with June 2022 release.

Purpose

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

Background

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

Terms

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

Table 3: Conformance Level Definitions

Conformance Level	Definition
Supports	The functionality of the product has at least one method that meets the criterion or meets with equivalent facilitation.
Partially Supports	Product does not entirely meet the letter and intent of the criterion, but does provide some level of access. 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.

Revised Section 508 Considerations

Application and Administration

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

All sections of the technical standards may apply to this product and are individually addressed in the following sections.

Scoping Requirements

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

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

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

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

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

Functional Performance Criteria

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

Hardware

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

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

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

Software

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

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

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

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

Support Documentation and Services

602.1 General. Documentation that supports the use of ICT shall conform to 602. Additional product documentation include the ArcGIS Instant Apps Product Overview, Gallery of examples, and Resources.

Web Content Accessibility Requirements (WCAG) Report

WCAG Principle 1: Perceivable

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

Table 4: WCAG Principle 1 Success Criteria - Perceivable

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A) 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. • Controls, Input: If non-text content is a control or accepts user input, then it has a name that describes its purpose. • Time-Based Media: If non-text content is time-based media, then text alternatives at least provide descriptive identification of the non-text content. • Test: If non-text content is a test or exercise that would be invalid if presented in text, then text alternatives at least provide descriptive identification of the non-text content. • Sensory: If non-text content is primarily intended to create a specific sensory experience, then text alternatives at least provide descriptive identification of the non-text content. • CAPTCHA: If the purpose of non-text content is to confirm that content is being accessed by a person rather than a computer, then text alternatives that identify and describe the purpose of the non-text content	Partially Supports	Some content within the product includes appropriate textual alternatives, but most content does not. Examples include: • Charts in Chart Viewer do not have informative alternative text. • Category Gallery and Portfolio thumbnails do not have alternative text. • Feature attachments do not by default have alternative text.

Criteria	Conformance Level	Remarks and Explanations
are provided, and alternative forms of CAPTCHA using output modes for different types of sensory perception are provided to accommodate different disabilities. • Decoration, Formatting, Invisible: If non-text content is pure decoration, is used only for visual formatting, or is not presented to users, then it is implemented in a way that it can be ignored by assistive technology.		
1.2.1 Audio-only and Video-only (Prerecorded) (Level A) 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: • Prerecorded Audio-only: An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content. • 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.	Supports	The product does not provide prerecorded audio-only or video-only content.
1.2.2 Captions (Prerecorded) (Level A) Captions are provided for all prerecorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such.	Supports	The product does not provide prerecorded audio-only or video-only content.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when the media is a media alternative for text and is clearly labeled as such.	Supports	The product does not provide prerecorded audio-only or video-only content.

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA) Captions are provided for all live audio content in synchronized media.	Supports	The site does not include any live video content requiring captioning.
1.2.5 Audio Description (Prerecorded) (Level AA) Audio description is provided for all prerecorded video content in synchronized media.	Supports	The site does not include any audiovisual content requiring alternatives.
1.3.1 Info and Relationships (Level A) Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text.	Partially Supports	Some user interface elements provide programmatic information about structure and relationships, however many do not. Examples include: • Headings throughout the product are conveyed solely through visual presentation. When items are programmatic headings, the heading levels often do not match the overall page structure. • Search configuration options are not identified as live regions and changes are not communicated to assistive technology.
1.3.2 Meaningful Sequence (Level A) When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined.	Supports	The product presents content in a meaningful sequence.
1.3.3 Sensory Characteristics (Level A) Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, size, visual location, orientation, or sound.	Supports	Whenever instructions are provided by the product, such as those within the interactive legend, an individual sensory characteristic is never relied on as the sole means of identifying content.

Criteria	Conformance Level	Remarks and Explanations
1.3.4 Orientation (Level AA – WCAG 2.1 only) Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential.	Supports	The site does not restrict users to viewing content in either portrait or landscape orientations.
1.3.5 Identify Input Purpose (Level AA – WCAG 2.1 only) The purpose of each input field collecting information about the user can be programmatically determined when: • The input field serves a purpose identified in the Input Purposes for User Interface Components section; and • The content is implemented using technologies with support for identifying the expected meaning for form input data.	Supports	This site does not include input fields for collecting information.
1.4.1 Use of Color (Level A) Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Partially Supports	Some content within the site does not use color alone to convey meaning; however, a few core elements within the site rely on color alone to differentiate content. Examples include: • Selected menu items in the Item Browser rely on color alone to indicate selection with no programmatically associated state. • Features in the web map may rely on color alone to communicate information.
1.4.2 Audio Control (Level A) If any audio on a Webpage plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level.	Supports	The product does not include audio that plays automatically.

Criteria	Conformance Level	Remarks and Explanations
1.4.3 Contrast (Minimum) (Level AA) The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: • Large Text: Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; • 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. • Logotypes: Text that is part of a logo or brand name has no minimum contrast requirement.	Supports	Text and images of text have a contrast ratio of at least 4.5:1. However, large text, incidental and logo type components may not due to other requirements.
1.4.4 Resize text (Level AA) Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality.	Partially Supports	The site generally allows users to magnify a browser to up to 200% on desktop experiences. On mobile environments, users may be prevented from magnifying their screens. Examples include: • Content is lost, cutoff, or overlaps when viewing the web page at 200% browser zoom within the Feature Layer modal, content details table, interactive legend and My Scene navigation.
1.4.5 Images of Text (Level AA) 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: • Customizable: The image of text can be visually customized to the user's requirements;	Supports	The site does not include images of text, with the exception of logos, which are exempt from this criterion.

Criteria	Conformance Level	Remarks and Explanations
• Essential: A particular presentation of text is essential to the information being conveyed. *Note: Logotypes (text that is part of a logo or brand name) are considered essential.*		
1.4.10 Reflow (Level AA – WCAG 2.1 only) Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for: • Vertical scrolling content at a width equivalent to 320 CSS pixels • Horizontal scrolling content at a height equivalent to 256 CSS pixels	Partially Supports	The product generally provides an equivalent responsive view to users. At the required dimensions, users will not need to scroll either horizontally or vertically. Exceptions include: • Modal content requires two dimensional scrolling when zoomed. • Buttons within several locations become hidden when zooming and content is reflowed.
1.4.11 Non-text Contrast (Level AA – WCAG 2.1 only) The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s).	Supports	User interface components and graphical objects have a contrast ratio of at least 3:1 against adjacent colors.
1.4.12 Text Spacing (Level AA – WCAG 2.1 only) In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property: • Line height (line spacing) to at least 1.5 times the font size • Spacing following paragraphs to at least 2 times the font size • Letter spacing (tracking) to at least 0.12 times the font size	Supports	The site does not prevent users from changing text spacing.

Criteria	Conformance Level	Remarks and Explanations
• Word spacing to at least 0.16 times the font size.		
1.4.13 **Content on Hover or Focus (Level AA – WCAG 2.1 only)** Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true: • **Dismissable**: 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 • **Hoverable**: If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing • **Persistent**: The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid.	Supports	Content on the websites which is displayed on pointer hover or keyboard focus is generally dismissible, hoverable, and persistent.

WCAG Principle 2: Operable

User interface components and navigation must be operable. Report contains Level A and AA only (Revised Section 508 does not apply to AAA).

Table 5: WCAG Principle 2 Success Criteria - Operable

Criteria	Conformance Level	Remarks and Explanations
2.1.1 Keyboard (Level A) All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.	Partially Supports	Most content within the product is interactive through the use of the keyboard alone; however, many core pieces of functionality are not. Examples include: • Features within the map view are not in the keyboard focus order and cannot be activated using the keyboard.
2.1.2 No Keyboard Trap (Level A) 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. *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 success criteria or not) must meet this success criterion. See Conformance Requirement 5: Non-Interference.*	Supports	The product does not contain keyboard traps.
2.1.4 Character Key Shortcuts (Level A – WCAG 2.1 only) If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:	Supports	The product does not provide any keyboard shortcuts to users.

Criteria	Conformance Level	Remarks and Explanations
• **Turn off**: A mechanism is available to turn the shortcut off		
• **Remap**: A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc)		
• **Active only on focus**: The keyboard shortcut for a user interface component is only active when that component has focus.		
2.2.1 Timing Adjustable (Level A) For each time limit that is set by the content, at least one of the following is true: • Turn off: The user is allowed to turn off the time limit before encountering it; or • Adjust: The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or • Extend: The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or • Real-time Exception: The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or • Essential Exception: The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception: The time limit is longer than 20 hours.	Supports	The product does not include any timeouts for users.

Criteria	Conformance Level	Remarks and Explanations
Note: This success criterion helps ensure that users can complete tasks without unexpected changes in content or context that are a result of a time limit. This success criterion should be considered in conjunction with Success Criterion 3.2.1, which puts limits on changes of content or context as a result of user action.		
2.2.2 **Pause, Stop, Hide (Level A)** For moving, blinking, scrolling, or auto-updating information, all of the following are true: • Moving, blinking, scrolling: For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and • Auto-updating: For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential.	Supports	The product does not include any moving, blinking, scrolling, or auto-updating content.
2.3.1 **Three Flashes or Below Threshold (Level A)** Webpages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds. *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*	Supports	No content in the product flashes more than three times in one second.

Criteria	Conformance Level	Remarks and Explanations
success criteria or not) must meet this success criterion. See Conformance Requirement 5: Non-Interference.		
2.4.1 Bypass Blocks (Level A) A mechanism is available to bypass blocks of content that are repeated on multiple Webpages.	Partially Supports	The site has a mechanism to skip past blocks of content with the following exception: • Elements in the item browser cannot be skipped.
2.4.2 Page Titled (Level A) Webpages have titles that describe topic or purpose.	Supports	All pages contain appropriate page titles describing their topic and functionality.
2.4.3 Focus Order (Level A) If a Webpage can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability.	Partially Supports	The product provides a meaningful focus order for most static page content; however, some content cannot be navigated to and the order does not match what is expected. Examples include: • Focus does not move to new content when content updates. • Close button within modal dialogs is not in the focus order.
2.4.4 Link Purpose (In Context) (Level A) The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general.	Supports	Links have a clear purpose. The purpose can be determined from the link text or the programmed link context.
2.4.5 Multiple Ways (Level AA) More than one way is available to locate a Webpage within a set of Webpages except where the Webpage is the result of, or a step in, a process.	Supports	All pages within the site can be navigated to in more than one way, unless the page is a step in a flow.

Criteria	Conformance Level	Remarks and Explanations
2.4.6 Headings and Labels (Level AA) Headings and labels describe topic or purpose.	Supports	Most headings and labels within the site accurately describe the content they are introducing or labelling.
2.4.7 Focus Visible (Level AA) Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible.	Supports	When an element has the keyboard focus, there is a clear visual indicator.
2.5.1 Pointer Gestures (Level A – WCAG 2.1 only) All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential.	Supports	The site does not rely on any pointer gestures or mouse movement.
2.5.2 Pointer Cancellation (Level A – WCAG 2.1 only) For functionality that can be operated using a single pointer, at least one of the following is true: • **No Down-Event**: The down-event of the pointer is not used to execute any part of the function • **Abort or Undo**: Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion • **Up Reversal**: The up-event reverses any outcome of the preceding down-event • **Essential**: Completing the function on the down-event is essential	Supports	The site does not rely on mouse down events to activate any piece of content on the site.
2.5.3 Label in Name (Level A – WCAG 2.1 only)	Supports	Text that is used to visually label a component is also used in association with the component programmatically.

Criteria	Conformance Level	Remarks and Explanations
For user interface components with labels that include text or images of text, the name contains the text that is presented visually.		
2.5.4 **Motion Actuation (Level A – WCAG 2.1 only)** 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: • Supported Interface: The motion is used to operate functionality through an accessibility supported interface • Essential: The motion is essential for the function and doing so would invalidate the activity	Supports	The site does not include any functionality that relies on users moving a device.

WCAG Principle 3: Understandable

Information and the operation of user interface must be understandable. Report contains Level A and AA only (Revised Section 508 does not apply to AAA).

Table 6: WCAG Principle 3 Success Criteria - Understandable

Criteria	Conformance Level	Remarks and Explanations
3.1.1 Language of Page (Level A) The default human language of each Webpage can be programmatically determined.	Supports	The human language is programmatically determinable within the product.
3.1.2 Language of Parts (Level AA) The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text.	Supports	The website and support documents indicate the human language of every page or document and does not contain parts which are in a different human language than the whole page or document.
3.2.1 On Focus (Level A) When any component receives focus, it does not initiate a change of context.	Supports	No page refreshes, major content adjustments, or other changes of context occur when a component receives focus.
3.2.2 On Input (Level A) Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component.	Supports	The site does not create a page or other change of context on user input.
3.2.3 Consistent Navigation (Level AA) Navigational mechanisms that are repeated on multiple Webpages within a set of Webpages occur in the same relative order each time they are repeated, unless a change is initiated by the user.	Supports	The main navigation for the site is repeated in the same relative order on each page of the site.

Criteria	Conformance Level	Remarks and Explanations
3.2.4 Consistent Identification (Level AA) Components that have the same functionality within a set of Webpages are identified consistently.	Supports	All components within the site are consistently identified with the same labels.
3.3.1 Error Identification (Level A) 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.	Supports	Errors are presented/identified in apps in a clear manner when inputs are incorrect. App users will be able to determine cause of error.
3.3.2 Labels or Instructions (Level A) Labels or instructions are provided when content requires user input.	Supports	Instructions or labels are used to identify the controls in a form so that users know what input data is expected.
3.3.3 Error Suggestion (Level A) 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.	Supports	When errors are presented to users, suggestions to correct errors are supplied to users.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) For Webpages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true: • Reversible: Submissions are reversible. • Checked: Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed: A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission.	Supports	When users submit content to the site, inputs are checked. Before major commitments made by the site, users are able to confirm their decision. Changes to user- controllable data, including settings in a user's profile, are reversable and checked.

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. Report contains Level A and AA only (Revised Section 508 does not apply to AAA).

Table 7: WCAG Principle 4 Success Criteria - Robust

Criteria	Conformance Level	Remarks and Explanations
4.1.1 Parsing (Level A) In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features. *Note: Start and end tags that are missing a critical character in their formation, such as a closing angle bracket or a mismatched attribute value quotation mark are not complete.*	Partially Supports	Most elements within the site contain unique id attributes, accurate start and end tags, and are nested according to the relevant specifications. Exceptions include: • ID attributes are not unique in the same DOM and have been supplied to multiple elements.
4.1.2 Name, Role, Value (Level A) For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies. *Note: This success criterion is primarily for Web authors who develop or script their own user interface components. For example, standard HTML controls already meet this success criterion when used according to specification.*	Partially Supports	Most user interface components within the site contain appropriate programmatic names, roles, and states; however, some components do not. Examples include: • Some invalid ARIA attributes and/or values are used. • Some unsupported use of ARIA attributes within HTML elements. • Some non-native HTML elements and custom controls are missing necessary names, roles and values/states.

Criteria	Conformance Level	Remarks and Explanations
4.1.3 **Status Messages (Level AA – WCAG 2.1 only)** 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.	Supports	Status messages within the product are available programmatically and are explicitly provided to users.

Revised Section 508 Report

Chapter 3: Functional Performance Criteria

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

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that does not require user vision.	Partially Supports	Some functions of the product are not usable without vision. Examples include: • As noted in 1.1.1 Non-text Content, some content within the product does not contain appropriate textual alternatives. • As noted in 1.3.1 Info and Relationships, some heading elements are often not conveyed programmatically within the product. • As noted in 1.4.1 Color Alone, some core functionality of the product relies on a user's ability to differentiate colors. • As noted in 2.1.1 Keyboard, some content cannot be adjusted or viewed. • As noted in 2.4.1 Bypass Blocks, some content does not have a method to by bypassed. • As noted in 2.4.3 Focus Order, some content does not follow a logical focus order. • As noted in 4.1.1 Parsing, there are some instances of HTML that are not valid. • As noted in 4.1.2 Name, Role, Value, some interactive elements within the product do not

Criteria	Conformance Level	Remarks and Explanations
		contain appropriate name, role, or state information.
302.2 With Limited Vision Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited vision.	Partially Supports	Some functions of the product are not usable with limited vision. Examples include: • As noted in 1.1.1 Non-text Content, some content within the product does not contain appropriate textual alternatives. • As noted in 1.4.1 Color Alone, some core functionality of the product relies on a user's ability to differentiate colors. • As noted in 1.4.4 Resize text, some instances where text cannot be resized. • As noted in 1.4.10 Reflow, some instances where content requires scrolling in two dimensions when reflowed. • As noted in 1.4.13 Content on Hover or Focus, some instances where content does not meet the success criterion.
302.3 Without Perception of Color Where a visual mode of operation is provided, ICT shall provide at least one visual mode of operation that does not require user perception of color.	Partially Supports	Many functions of the product do not rely solely on color to communicate information. However, as noted in 1.4.1 Use of Color, some core functionality of the product relies on a user's ability to differentiate colors.
302.4 Without Hearing Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that does not require user hearing.	Supports	The product does not require the use of hearing.

Criteria	Conformance Level	Remarks and Explanations
302.5 With Limited Hearing Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited hearing.	Supports	The product does not require the use of hearing.
302.6 Without Speech Where speech is used for input, control, or operation, ICT shall provide at least one mode of operation that does not require user speech.	Supports	The product does not require the use of speech.
302.7 With Limited Manipulation Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that does not require fine motor control or simultaneous manual operations.	Partially Supports	Some functions of the product will be usable with limited manipulation or strength; however, most will not. Examples include: • As noted in 2.1.1 Keyboard, some cannot be adjusted or viewed. • As noted in 2.4.1 Bypass Blocks, some content does have a method to by bypassed. • As noted in 2.4.3 Focus Order, some content does not follow a logical focus order.
302.8 With Limited Reach and Strength Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that is operable with limited reach and limited strength.	Supports	The product is functional with limited reach.
302.9 With Limited Language, Cognitive, and Learning Abilities	Partially Supports	Users with cognitive disabilities have varying needs for features that allow them to adapt content and work with assistive technology or accessibility features of their chosen platform. The product does support some of these features, notably a heavy use

Criteria	Conformance Level	Remarks and Explanations
ICT shall provide features making its use by individuals with limited cognitive, language, and learning abilities simpler and easier.		of icons to supplement or replace text. However, the product relies on complex user interface components, that are not fully customizable.

[Chapter 4](): Hardware

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

Chapter 5: Software

ArcGIS Instant Apps is a web-only product, not platform software, and is not impacted by Chapter 5: Software. This section has been removed from the report. See information in WCAG 2.1 report sections.

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

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

Table 9: Revised Section 508 Chapter 6 - Support Documentation and Services

Criteria	Conformance Level	Remarks and Explanations
602 Support Documentation		
602.2 Accessibility and Compatibility Features 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.	Not Applicable	This product report is not impacted by Chapters 4 and 5.
602.3 Electronic Support Documentation Documentation in electronic format, including Web-based self-service support, shall conform to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1).	Supports	Web-based electronic support documentation is available for this product.
602.4 Alternate Formats for Non-Electronic Support Documentation Where support documentation is only provided in non-electronic formats, alternate formats usable by individuals with disabilities shall be provided upon request.	Not Applicable	Web-based electronic support documentation is available for this product.

Criteria	Conformance Level	Remarks and Explanations
603 Support Services		

Criteria	Conformance Level	Remarks and Explanations
603.2 Information on Accessibility and Compatibility Features ICT support services shall include information on the accessibility and compatibility features required by 602.2.	Not Applicable	This product report is not impacted by Chapters 4 and 5 (as described in 602.2).
603.3 Accommodation of Communication Needs 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 directly to the user is available for this product, and Esri Accessibility contact information is provided in this report.

EN 301 549 Report

Chapter 4: Functional Performance Statements (FPS)

Table 10: EN 301 549 Chapter 4 - Functional Performance Statements

Criteria	Conformance Level	Remarks and Explanations
4.2.1 Usage Without Vision Where ICT provides visual modes of operation, the ICT provides at least one mode of operation that does not require vision. This is essential for users without vision and benefits many more users in different situations.	Partially Supports	Some functions of the product are not usable without vision. Examples include: • As noted in 1.1.1 Non-text Content, some content within the product does not contain appropriate textual alternatives. • As noted in 1.3.1 Info and Relationships, some heading elements are often not conveyed programmatically within the product. • As noted in 2.1.1 Keyboard, some content cannot be adjusted or viewed. • As noted in 4.1.2 Name, Role, Value, many interactive elements within the product do not contain appropriate name, role, or state information.
4.2.2 Usage With Limited Vision Where ICT provides visual modes of operation, the ICT provides features that enable users to make better use of their limited vision. This is essential for users with limited vision and benefits many more users in different situations.	Partially Supports	Some functions of the product are not usable with limited vision. Examples include: • As noted in 1.4.3 Contrast (Minimum), there are some specific color combinations that do not provide sufficient color contrast. • As noted in 1.4.4 Resize text, some instances where text cannot be resized.

Criteria	Conformance Level	Remarks and Explanations
		• As noted in 1.4.10 Reflow, some instances where content requires scrolling in two dimensions when reflowed.
4.2.3 Usage Without Perception of Color Where ICT provides visual modes of operation, the ICT provides a visual mode of operation that does not require user perception of color. This is essential for users with limited color perception and benefits many more users in different situations.	Partially Supports	Many functions of the product do not rely solely on color to communicate information. However, as noted in 1.4.1 Use of Color, some core functionality of the product relies on a user's ability to differentiate colors.
4.2.4 Usage Without Hearing Where ICT provides auditory modes of operation, the ICT provides at least one mode of operation that does not require hearing. This is essential for users without hearing and benefits many more users in different situations.	Supports	The product does not require the use of hearing.
4.2.5 Usage With Limited Hearing Where ICT provides auditory modes of operation, the ICT provides enhanced audio features. This is essential for users with limited hearing and benefits many more users in different situations.	Supports	The product does not require the use of hearing.
4.2.6 Usage With No or Limited Vocal Capacity Where ICT requires vocal input from users, the ICT provides at least one mode of operation that does not require them to generate vocal output. This is essential users with no or limited vocal capability and benefits many more users in different situations.	Supports	The product does not require specific vocal capacity or the use of speech.

Criteria	Conformance Level	Remarks and Explanations
4.2.7 Usage With Limited Manipulation or Strength Where ICT requires manual actions, the ICT provides features that enable users to make use of the ICT through alternative actions not requiring manipulation, simultaneous action or hand strength. This is essential for users with limited manipulation or strength and benefits many more users in different situations.	Partially Supports	Some functions of the product will be usable with limited manipulation or strength; however, most will not. Examples include: • As noted in 2.1.1 Keyboard, some cannot be adjusted or viewed. • As noted in 2.4.1 Bypass Blocks, some content does have a method to by bypassed. • As noted in 2.4.3 Focus Order, some content does not follow a logical focus order.
4.2.8 Usage With Limited Reach 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.	Supports	The product is functional with limited reach.
4.2.9 Minimize Photosensitive Seizure Triggers 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.	Supports	The product does not contain photosensitive seizure triggers or flashing content.
4.2.10 Usage With Limited Cognition, Language, or Learning The ICT provides features and/or presentation that makes it simpler and easier to understand, operate and use. This is essential for users with limited cognition, language or learning, and benefits many more users in different situations.	Partially Supports	Users with cognitive disabilities have varying needs for features that allow them to adapt content and work with assistive technology or accessibility features of their chosen platform. The product does support some of these features, notably a heavy use of icons to supplement or replace text. However, the product relies on complex user interface components, that are not fully customizable.

Criteria	Conformance Level	Remarks and Explanations
4.2.11 Privacy Where ICT provides features for accessibility, the ICT maintains the privacy of users of these features at the same level as other users.	Supports	The product does not cause legal commitments or financial transactions for the user to occur, does not modify or delete user-controllable data in data storage systems, and does not submit user test responses. No spoken version of characters being mashed is available. Use of headphones is not restricted in any way.

Chapter 5: Generic Requirements

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

Chapter 6: ICT with Two-Way Voice Communication

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

Chapter 7: ICT with Video Capabilities

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

Chapter 8: Hardware

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

Chapter 9: Web (see WCAG section)

This section has been removed from the report.

Chapter 10: Non-Web Documents

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

Chapter 11: Software

ArcGIS Instant Apps is not impacted by Chapter 11: Software. This section has been removed from the report.

[Chapter 12](): Documentation and Support Services

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

Table 11: EN 301 549 Chapter 12 - Documentation and Support Services

Criteria	Conformance Level	Remarks and Explanations
12.1 Product Documentation		
12.1.1 Accessibility and Compatibility Features Product documentation provided with the ICT whether provided separately or integrated within the ICT shall list and explain how to use the accessibility and compatibility features of the ICT.	Partially Supports	Web-based electronic support documentation about accessibility features is available for this product.
12.1.2 Accessible Documentation Product documentation provided with the ICT shall be made available in at least one of the following electronic formats: web or non-web.	Supports	Web-based electronic support documentation is available for this product.
12.2 Support Services		
12.2.2 Information on Accessibility and Compatibility Features ICT support services shall provide information on the accessibility and compatibility features that are mentioned in the product documentation.	Supports	Technical support is available directly to the user for this product, and Esri Accessibility contact information is provided in this report.
12.2.3 Effective Communication ICT support services shall accommodate the communication needs of individuals with disabilities either directly or through a referral point.	Supports	Technical support is available directly to the user for this product, and Esri Accessibility contact information is provided in this report.

Criteria	Conformance Level	Remarks and Explanations
12.2.4 Accessible Documentation 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.