+Voluntary Product Accessibility Template[®] (VPAT[®])

Version 2.1 March 2018

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About This Document

This document is broken into two main sections:

- Essential Requirements and Best Practices for using the VPAT[®] to complete an Accessibility Conformance Report
- The VPAT Template

Please carefully review the Essential Requirements and Best Practices sections before using the VPAT to create an Accessibility Conformance Report. The VPAT 2.1 template now includes criteria from WCAG 2.0 and EN 301 549, as well as the Revised Section 508 Standards and Section 255 guidelines.

"Voluntary Product Accessibility Template" and "VPAT," including the template format, are Federally Registered Service Marks of the Information Technology Industry Council (ITI). VPAT 2.1 users agree not to deviate materially from the template format provided by ITI, and to use the service mark ("®") where appropriate.

Essential Requirements and Best Practices for Information & Communications Technology (ICT) Vendors

This section provides guidance for reporting product conformance for three major accessibility standards and guidelines using the VPAT[®] to produce the Accessibility Conformance Report. Deviating from these guidelines precludes vendors from referencing the template by name and/or the VPAT acronym. The purpose of these essential requirements and best practices are to promote accurate and consistent reporting of product accessibility information.

The VPAT 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 commercial "Electronic and Information Technology," also referred to as "Information and Communication Technology" (ICT) products and services with features that support accessibility.

Getting Started

- 1. Before creating a report, read all of the materials provided in this document.
- 2. The Information Technology Industry Council (ITI) provides the VPAT. Use of the template and service mark does not require membership in ITI.
- 3. Determine which accessibility standards/guidelines will be included in the product conformance report
- 4. It is the vendor's responsibility to maintain the integrity of the data in the report.

Essential Requirements for Authors

The following are the minimum requirements to be a VPAT[®].

 The VPAT name and template are registered service marks of ITI. Use of the VPAT template and name requires the inclusion of the registered service mark (i.e., "VPAT[®]"). Users of the VPAT agree not to deviate from the Essential Requirements for Authors.

- 2. The template file can be used as is or replicated in a different delivery format, for example as HTML or PDF. The only requirement is that the final conformance report must be accessible.
- 3. A report may contain a minimum of one applicable Standard/Guideline or any combination of the three Standards/Guidelines that are applicable to the product being reported.
- 4. A report must contain the following content at a minimum:
 - **Report Title** In the heading format of "[Company Name] Accessibility Conformance Report"
 - VPAT Heading Information Template version
 - Name of Product/Version Name of Product being reported, including version of the product
 - **Product Description** A brief description of the product
 - **Date** Date of report publication. At a minimum, provide the month and year of the report publication. For example, "May 2016". If date is included ensure it is clear "4 May 2016" or "May 4, 2016".
 - **Contact Information** Contact Information for follow-up questions. Listing an email is sufficient.
 - **Notes** Any details or further explanation about the product or the report. This section may be left blank.
 - Evaluation Methods Used Include a description of what evaluation methods were used to complete the VPAT for the product under test.
 - **Applicable Standards/Guidelines** A clear indication of which Standards/Guidelines this Conformance Report covers.
 - The list must include only the Standards/Guidelines that were used to develop the product.
 - A report must contain a minimum of one Standard/Guideline or any combination of the three Standards.
 - The applicable Standards/Guidelines that may be included are:
 - <u>Revised Section 508 standards</u> the U.S. Federal accessibility standard, published by the U.S. Access Board in the Federal Register on January 18, 2017
 - <u>Corrections to the ICT Final Rule</u> a correction to the Revised Section 508 standards, published by the US Access Board in the Federal Register on January 22, 2018

- Web Content Accessibility Guidelines 2.0 or WCAG 2.0 (ISO/IEC 40500), at <u>http://www.w3.org/TR/2008/REC-WCAG20-20081211/</u>
- EN 301 549 "Accessibility requirements suitable for public procurement of ICT products and services in Europe", V1.1.2 (2015-04) at <u>http://mandate376.standards.eu/standard</u>
- This information can be in a table format at the top of the report with the table heading 'Standards/Guidelines' and the reported Standards/Guidelines identified.
- Alternatively, the Standard/Guideline being reported can be clearly identified in the introductory text of the report. If multiple Standards or Guideline tables are included, each table should also be clearly identified as to the Standard or Guideline the criteria that table represents.
- **Terms** Conformance level terms description section
- **Tables for Each Standard or Guideline** Tables showing the responses to the criteria.
- 5. WCAG Conformance Tables The answers in the WCAG success criteria tables are based on the level of conformance being reported (Level A, AA or AAA).
 - These tables are used to answer:
 - 2017 Section 508:
 - Chapter 5 Software
 - Chapter 6 Support Documentation
 - EN 301 549 Standard:
 - Chapter 9 Web
 - Chapter 10 Non-Web
 - Chapter 11 Software
 - Chapter 12 Documentation and Support Services
 - The selected levels of WCAG 2.0 Guidelines.
 - Due to answers applying to multiple criteria, when answering for the 2017 Section 508 or EN 301 549, the answers need to be clear in what individual criteria the answer applies to. It is possible to either use a summary, selecting the worst case for the criteria, or to have separate answers or even tables for software, support documentation, authoring tools, etc., so long as the methodology used is made clear.
 - If not completing a set of Standards such as Section 508 or EN 301 549, then remove the breakdown information and answer only for the WCAG criteria.

- 6. Conformance Levels The report must list the definition of the terms used in the Conformance Level column. ITI recommends the following terms. If a vendor deviates from the ITI definitions, the vendor shall reference this change in the heading Notes section. If a term is not used it can be removed from the list. The ITI definitions are:
 - **Supports**: The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
 - **Supports with Exceptions**: Some functionality of the product does not meet the criterion.
 - **Does Not Support**: The majority of product functionality does not meet the criterion.
 - Not Applicable: The criterion is not relevant to the product.
 - **Not Evaluated**: The product has not been evaluated against the criterion. This can only be used in WCAG 2.0 Level AAA.

<u>Note</u>: When filling in the WCAG tables, a response may use 'Supports' where one might otherwise be inclined to use 'Not Applicable'. This is in keeping with <u>WCAG 2.0 Understanding Conformance</u>: 'This means that if there is no content to which a success criterion applies, the success criterion is satisfied.

- Remarks and Explanations Detailed remarks should be provided in the Remarks and Explanations column to justify your answer in the Conformance Level column.
 - When the conformance level is 'supports with exceptions' or 'does not support', the remarks should identify:
 - 1. The functions or features with issues
 - 2. How they do not fully support
 - If the criterion does not apply, explain why.
 - If an accessible alternative is used, describe it.
- 8. In the Section 508 tables, when subsections of criteria do not apply to the product, the section may be summarized or removed as long as an explanation is provided explaining why a criterion does not apply. Another alternative is to leave the table and add a summary why the section doesn't apply. For example, in Chapter 5 the criteria in 502 and 503 will not apply to a web only application, thus those sections can be removed with a summary in the notes for the chapter, or a row in the table.

Best Practices for Authors

ITI suggests that authors adopt the following best practices when using the VPAT[®] to create an Accessibility Conformance Report.

- Branding Header: Company logo or branding information
- **Date Changes:** If a report is revised, change the report date and explain the revision in the Notes section. Alternately, create a new report and explain in the Notes section that it supersedes an earlier version of the report.
- Notes: Add any notes applicable to product or the report
 - Additional information about the product version that the document references
 - Any revisions to the document
 - Links to any related documents
 - Additional information describing the product
 - Additional information about what the document does or does not cover
 - Information suggested by the WCAG 2.0 Conformance Claim, at http://www.w3.org/TR/WCAG20/#conformance-claims
 - Information needed to satisfy ISO/IEC 17050-1:2004, Supplier's Declaration of Conformity
- Evaluation Methods Used Information to enter may include the following:
 - Testing is based on general product knowledge
 - Similar to another evaluated product
 - Testing with assistive technologies
 - Published test method (provide name, publisher, URL link)
 - Vendor proprietary test method
 - Other test method
- **Remarks and Explanations:** This section may include:
 - Information regarding the testing of a given criteria.
 - Information on application dependencies to support accessibility (e.g. OS, app frameworks, browsers recommended).
 - How the customer can find more information about accessibility issues. One method can be to include the bug ID where customers can call the company's customer support to get additional information.

- Known workarounds for accessibility issues.
- Legal Disclaimer: Area for any legal disclaimer text required by your organization.
- **Saving Space:** To reduce the size of the report it is acceptable to remove sections. Individual criteria cannot be removed, only sections at a time. Section removal is acceptable in four situations:
 - When an entire standard is not being reported on, for example EN 301 549, there should be no references of it in the report.
 - When an entire section is not being reported on because it doesn't apply to the product, for example:
 - Chapter 4: Hardware. Information should be included in the notes for that section why it has been removed.
 - A card reader that doesn't have sound could remove the criteria in section 413 Closed Caption Processing Technologies and just note the why the criteria doesn't apply.
 - If the product is not being evaluated for a level of the criteria (for example Level AAA) then that table may be deleted.
 - If a requesting customer has identified that a section of the standard does not apply, information should be included in the notes that the section has been removed.
- WCAG 2.0 Tables: The WCAG 2.0 criteria is shown in three tables, Level A, Level AA, and Level AAA.
 - If desired, these tables can be combined into one table.
 - When reporting on a level (A, AA or AAA) all criteria for that level must be answered.
- Language: Use text appropriate for your audience.
- **Multiple Reports:** When using the VPAT to create an Accessibility Conformance Report for complex products it may be helpful to separate answers into multiple reports. For example, when a product is an Authoring Tool that also has web content and documentation. When multiple reports are used for a complex product, it is required to explain this and how to reach the other reports in the Notes section of each report.
- **Criteria Text:** To help conserve space in the ITI template only the criteria ID number and a short title have been included. Where possible, links have been included to the standard/guideline.
 - It is acceptable to add the full text of the criteria into the cell if desired to help with understanding.

- The links to the standards/guidelines can be removed.
- Ordering of Tables: The order that the standards/guideline tables appear may be changed to facilitate reading. For example, if the Accessibility Conformance Report is for Section 508 only, the WCAG tables may be moved to follow the numbering scheme used in the Section 508 criteria.
- **Guideline Section Heading Rows in Tables:** The tables include heading rows to facilitate understanding the context of the criteria.
 - The cells in these rows do not require answers as indicated by "Heading cell – no response required."
 - It is optional to add a response if desired.
 - The shading of the row is also optional.
 - If removing the heading rows, edit the criteria titles so it's clear where they apply.

Posting the Final Document

- Remove the Essential Requirements and Best Practices for Information & Communications Technology (ICT) Vendors section from the template when publishing your Accessibility Conformance Report in final form. A link on page one in the template footnotes contains a hyperlink to this document on the Information Technology Industry Council (ITI) website at: http://www.itic.org.
- Check for each required item in the VPAT[®] document:
 - The report title [Company Name] Accessibility Conformance Report
 - The "VPAT[®] Version 2.1" heading
 - Name of Product/Version
 - Product Description
 - Date
 - Contact Information
 - Notes
 - Evaluation methods used
 - Applicable Standards/Guidelines
 - Terms
 - Report Information

- Check that there is a response for each criterion for 'Conformance Level' and 'Remarks and Explanations.'
- Post your final document on your company's web site, or make the document available to customers upon request.
- Your final document should be accessible.

Table Information for VPAT[®] Readers

For each of the standards, the criteria are listed by chapter in a table. The structures of the tables are: the first column contains the criteria being evaluated, the second column describes the level of conformance of the product regarding the criteria and the third column contains any additional remarks and explanations regarding the product.

- When sections of criteria do not apply, or deemed by the customer as not applicable, the section is noted as such and the rest of that table may be removed for that section.
- When multiple standards are being recorded in this document, the duplicative sections are noted and responded to only one time. The duplicate entry will note the cross reference to the data.

[Company] Accessibility Conformance Report

VPAT[®] Version 2.1 – March 2018

Name of Product/Version:

Product Description:

Date:

Contact information:

Notes:

Evaluation Methods Used:

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0, at http://www.w3.org/TR/2008/REC-	Level A (Yes / No)
<u>WCAG20-20081211/</u>	Level AA (Yes / No)
	Level AAA (Yes / <u>No)</u>
Revised Section 508 standards as published by the U.S. Access Board in the Federal	
Register on January 18, 2017	(Yes / No)
Corrections to the ICT Final Rule as published by the US Access Board in the Federal	(1037110)
Register on January 22, 2018	

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Terms

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

- **Supports**: The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Supports with Exceptions**: Some functionality of the product does not meet the criterion.
- **Does Not Support**: The majority of product functionality does not meet the criterion.
- Not Applicable: The criterion is not relevant to the product.
- Not Evaluated: The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.0 Report

Tables 1 and 2 also document conformance with:

- EN 301 549: Chapter 9 Web, Chapter 10 Non-Web documents, Section 11.2.1- Non-Web Software (excluding closed functionality), and Section 11.2.2 Non-Web Software (closed functionality).
- Revised Section 508: Chapter 5 501.1 Scope, 504.2 Content Creation or Editing, and Chapter 6 602.3 Electronic Support Documentation.

Note: When reporting on conformance with the WCAG 2.0 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the <u>WCAG 2.0 Conformance Requirements</u>.

Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)		
Also applies to:		
2017 Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)		
2017 Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		
1.2.2 Captions (Prerecorded) (Level A)		
2017 Section 508		
 501 (Web)(Software) 		
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)		
2017 Section 508		
 501 (Web)(Software) 		
 504.2 (Authoring Tool) 		
602.3 (Support Docs)		
1.3.1 Info and Relationships (Level A)		
2017 Section 508		
 501 (Web)(Software) 		
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
1.3.2 Meaningful Sequence (Level A)		
2017 Section 508		
 501 (Web)(Software) 		

Criteria	Conformance Level	Remarks and Explanations
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
1.3.3 Sensory Characteristics (Level A)		
Also applies to:		
 501 (Web)(Software) 		
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
1.4.1 Use of Color (Level A)		
2017 Section 508		
 501 (Web)(Software) 		
 504.2 (Authoring Tool) 		
602.3 (Support Docs)		
1.4.2 Audio Control (Level A)		
2017 Section 508		
 501 (Web)(Software) 		
 504.2 (Authoring Tool) 		
602.3 (Support Docs)		
2.1.1 Keyboard (Level A)		
2017 Section 508		
 501 (Web)(Software) 		
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
2.1.2 No Keyboard Trap (Level A)		
2017 Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
2.2.1 Timing Adjustable (Level A)		
2017 Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		

Criteria	Conformance Level	Remarks and Explanations
2.2.2 Pause, Stop, Hide (Level A)		
2017 Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		
2.3.1 Three Flashes or Below Threshold (Level A)		
2017 Section 508		
 501 (Web)(Software) 		
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
2.4.1 Bypass Blocks (Level A)		
2017 Section 508		
 501 (Web)(Software) – Does not apply to non-web software 		
• 504.2 (Authoring Tool)		
 602.3 (Support Docs) – Does not apply to non-web docs 		
2.4.2 Page Titled (Level A)		
2017 Section 508		
 501 (Web)(Software) 		
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
2.4.3 Focus Order (Level A)		
2017 Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
2.4.4 Link Purpose (In Context) (Level A)		
2017 Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		
3.1.1 Language of Page (Level A)		
2017 Section 508		

Criteria	Conformance Level	Remarks and Explanations
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		
3.2.1 On Focus (Level A)		
2017 Section 508		
 501 (Web)(Software) 		
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
3.2.2 On Input (Level A)		
2017 Section 508		
 501 (Web)(Software) 		
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
3.3.1 Error Identification (Level A)		
2017 Section 508		
 501 (Web)(Software) 		
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
3.3.2 Labels or Instructions (Level A)		
2017 Section 508		
 501 (Web)(Software) 		
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
4.1.1 Parsing (Level A)		
2017 Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
4.1.2 Name, Role, Value (Level A)		
2017 Section 508		
 501 (Web)(Software) 504 2 (Authorities Teal) 		
• 504.2 (Authoring Tool)		

Criteria	Conformance Level	Remarks and Explanations
• 602.3 (Support Docs)		

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)		
2017 Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		
1.2.5 Audio Description (Prerecorded) (Level AA)		
2017 Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		
1.4.3 Contrast (Minimum) (Level AA)		
2017 Section 508		
 501 (Web)(Software) 		
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
1.4.4 Resize text (Level AA)		
2017 Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		
1.4.5 Images of Text (Level AA)		
2017 Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		

Criteria	Conformance Level	Remarks and Explanations
2.4.5 Multiple Ways (Level AA)		
Also applies to:		
2017 Section 508		
 501 (Web)(Software) – Does not apply to non-web software 		
 504.2 (Authoring Tool) 		
 602.3 (Support Docs) – Does not apply to non-web docs 		
2.4.6 Headings and Labels (Level AA)		
2017 Section 508		
• 501 (Web)(Software)		
 504.2 (Authoring Tool) 		
602.3 (Support Docs)		
2.4.7 Focus Visible (Level AA)		
2017 Section 508		
 501 (Web)(Software) 		
 504.2 (Authoring Tool) 		
602.3 (Support Docs)		
3.1.2 Language of Parts (Level AA)		
2017 Section 508		
• 501 (Web)(Software)		
 504.2 (Authoring Tool) 		
602.3 (Support Docs)		
3.2.3 Consistent Navigation (Level AA)		
2017 Section 508		
 501 (Web)(Software) – Does not apply to non-web software 		
• 504.2 (Authoring Tool)		
 602.3 (Support Docs) – Does not apply to non-web docs 		
3.2.4 Consistent Identification (Level AA)		
2017 Section 508		
 501 (Web)(Software) – Does not apply to non-web software 		
• 504.2 (Authoring Tool)		
602.3 (Support Docs) – Does not apply to non-web docs		
3.3.3 Error Suggestion (Level AA)		

Criteria	Conformance Level	Remarks and Explanations
•		
2017 Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)		
2017 Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		

2017 Section 508 Report

Notes:

Chapter 3: Functional Performance Criteria (FPC)

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.		
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.		
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.		
302.4 Without Hearing. Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that does not		

Criteria	Conformance Level	Remarks and Explanations
require user hearing.		
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.		
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.		
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.		
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.		
302.9 With Limited Language, Cognitive, and Learning Abilities. ICT shall provide features making its use by individuals with limited cognitive, language, and learning abilities simpler and easier.		

Chapter 4: Hardware

Criteria	Conformance Level	Remarks and Explanations
402 Closed Functionality	Heading cell – no response required	Heading cell – no response required
402.1 General	Heading cell – no response required	Heading cell – no response required
402.2 Speech-Output Enabled	Heading cell – no response required	Heading cell – no response required
402.2.1 Information Displayed On-Screen. Speech output shall be provided for all information displayed on-screen.		
402.2.2 Transactional Outputs. Where transactional outputs are provided, the speech output shall audibly provide all information necessary to verify a transaction.		
402.2.3 Speech Delivery Type and Coordination. Speech output shall be delivered through a mechanism that is readily available to all users, including, but not limited to, an industry standard connector or a telephone handset. Speech shall be recorded or digitized human, or synthesized. Speech output shall be coordinated with information displayed on the screen.		
402.2.4 User Control. Speech output for any single function shall be automatically interrupted when a transaction is selected. Speech output shall be capable of being repeated and paused.		
402.2.5 Braille Instructions. Where speech output is required by 402.2, braille instructions for initiating the speech mode of operation shall be provided. Braille shall be contracted and shall conform to 36 CFR Part 1191, Appendix D, Section 703.3.1.		
EXCEPTION: Devices for personal use shall not be required to conform to 402.2.5.		
402.3 Volume	Heading cell – no response required	Heading cell – no response required
402.3.1 Private Listening. Where ICT provides private listening, it shall provide a mode of operation for controlling the volume. Where ICT delivers output by an audio transducer typically held up to the ear, a means for effective magnetic wireless coupling to hearing technologies shall be provided.		

Criteria	Conformance Level	Remarks and Explanations
listening, incremental volume control shall be provided with output		
amplification up to a level of at least 65 dB. A function shall be provided		
to automatically reset the volume to the default level after every use.		
402.4 Characters on Display Screens. At least one mode of		
characters displayed on the screen shall be in a sans serif font. Where		
ICT does not provide a screen enlargement feature, characters shall be		
3/16 inch (4.8 mm) high minimum based on the uppercase letter "I".		
Characters shall contrast with their background with either light		
characters on a dark background or dark characters on a light background.		
402.5 Characters on Variable Message Signs. Characters on		
variable message signs shall conform to section 703.7 Variable Message		
Signs of ICC A117.1-2009 (incorporated by reference, see 702.6.1).		
403 Biometrics	Heading cell – no response required	Heading cell – no response required
403.1 General. Where provided, biometrics shall not be the only		
means for user identification or control.		
EXCEPTION: Where at least two biometric options that use different		
biological characteristics are provided, ICT shall be permitted to use		
biometrics as the only means for user identification or control.		
404 Preservation of Information Provided for Accessibility	Heading cell – no response required	Heading cell – no response required
404.1 General. ICT that transmits or converts information or		
communication shall not remove non-proprietary information provided		
for accessibility or shall restore it upon delivery.		
405 Privacy	Heading cell – no response required	Heading cell – no response required
405.1 General. The same degree of privacy of input and output shall		
be provided to all individuals. When speech output required by 402.2 is		
enabled, the screen shall not blank automatically.		
406 Standard Connections	Heading cell – no response required	Heading cell – no response required
406.1 General. Where data connections used for input and output are		
provided, at least one of each type of connection shall conform to		
industry standard non-proprietary formats.		
407 Operable Parts	Heading cell – no response required	Heading cell – no response required
407.2 Contrast. Where provided, keys and controls shall contrast		

Criteria	Conformance Level	Remarks and Explanations
visually from background surfaces. Characters and symbols shall contrast visually from background surfaces with either light characters or symbols on a dark background or dark characters or symbols on a light background.		
407.3 Input Controls	Heading cell – no response required	Heading cell – no response required
407.3.1 Tactilely Discernible. Input controls shall be operable by touch and tactilely discernible without activation.		
407.3.2 Alphabetic Keys. Where provided, individual alphabetic keys shall be arranged in a QWERTY-based keyboard layout and the "F" and "J" keys shall be tactilely distinct from the other keys.		
407.3.3 Numeric Keys. Where provided, numeric keys shall be arranged in a 12-key ascending or descending keypad layout. The number five key shall be tactilely distinct from the other keys. Where the ICT provides an alphabetic overlay on numeric keys, the relationships between letters and digits shall conform to ITU-T Recommendation E.161 (incorporated by reference, see 702.7.1).		
407.4 Key Repeat. Where a keyboard with key repeat is provided, the delay before the key repeat feature is activated shall be fixed at, or adjustable to, 2 seconds minimum.		
407.5 Timed Response. Where a timed response is required, the user shall be alerted visually, as well as by touch or sound, and shall be given the opportunity to indicate that more time is needed.		
407.6 Operation. At least one mode of operation shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.		
407.7 Tickets, Fare Cards, and Keycards. Where tickets, fare cards, or keycards are provided, they shall have an orientation that is tactilely discernible if orientation is important to further use of the ticket, fare card, or keycard.		
407.8 Reach Height and Depth	Heading cell – no response required	Heading cell – no response required
407.8.1 Vertical Reference Plane. Operable parts shall be positioned for a side reach or a forward reach determined with respect to a vertical reference plane. The vertical reference plane shall be located in conformance to 407.8.2 or 407.8.3.		

Criteria	Conformance Level	Remarks and Explanations
407.8.1.1 Vertical Plane for Side Reach. Where a side reach is		
provided, the vertical reference plane shall be 48 inches (1220 mm)		
long minimum.		
407.8.1.2 Vertical Plane for Forward Reach. Where a forward reach		
is provided, the vertical reference plane shall be 30 inches (760 mm)		
long minimum.		
407.8.2 Side Reach. Operable parts of ICT providing a side reach shall		
conform to 407.8.2.1 or 407.8.2.2. The vertical reference plane shall be		
centered on the operable part and placed at the leading edge of the		
maximum protrusion of the ICT within the length of the vertical		
reference plane. Where a side reach requires a reach over a portion of		
the ICT, the height of that portion of the ICT shall be 34 inches (865		
mm) maximum.		
407.8.2.1 Unobstructed Side Reach. Where the operable part is		
located 10 inches (255 mm) or less beyond the vertical reference plane,		
the operable part shall be 48 inches (1220 mm) high maximum and 15		
inches (380 mm) high minimum above the floor.		
407.8.2.2 Obstructed Side Reach. Where the operable part is located		
more than 10 inches (255 mm), but not more than 24 inches (610 mm),		
beyond the vertical reference plane, the height of the operable part shall		
be 46 inches (1170 mm) high maximum and 15 inches (380 mm) high		
minimum above the floor. The operable part shall not be located more		
than 24 inches (610 mm) beyond the vertical reference plane.		
407.8.3 Forward Reach. Operable parts of ICT providing a forward		
reach shall conform to 407.8.3.1 or 407.8.3.2. The vertical reference		
plane shall be centered, and intersect with, the operable part. Where a		
forward reach allows a reach over a portion of the ICT, the height of		
that portion of the ICT shall be 34 inches (865 mm) maximum.		
407.8.3.1 Unobstructed Forward Reach. Where the operable part is		
located at the leading edge of the maximum protrusion within the length		
of the vertical reference plane of the ICT, the operable part shall be 48		
inches (1220 mm) high maximum and 15 inches (380 mm) high		
minimum above the floor.		
407.8.3.2 Obstructed Forward Reach. Where the operable part is		
located beyond the leading edge of the maximum protrusion within the		

Criteria	Conformance Level	Remarks and Explanations
length of the vertical reference plane, the operable part shall conform to 407.8.3.2. The maximum allowable forward reach to an operable part shall be 25 inches (635 mm).		
407.8.3.2.1 Operable Part Height for ICT with Obstructed Forward Reach. If the reach depth is less than 20 inches (510 mm), the operable part height shall be 48 inches (1220 mm) maximum. If the reach depth is 20 inches (510 mm) to 25 inches (635 mm), the operable part height shall be 44 inches (1120 mm) maximum.		
407.8.3.2.2 Knee and Toe Space under ICT with Obstructed Forward Reach. Knee and toe space under ICT shall be 27 inches (685 mm) high minimum, 25 inches (635 mm) deep maximum, and 30 inches (760 mm) wide minimum and shall be clear of obstructions.		
EXCEPTIONS: 1. Toe space shall be permitted to provide a clear height of 9 inches (230 mm) minimum above the floor and a clear depth of 6 inches (150 mm) maximum from the vertical reference plane toward the leading edge of the ICT.		
2. At a depth of 6 inches (150 mm) maximum from the vertical reference plane toward the leading edge of the ICT, space between 9 inches (230 mm) and 27 inches (685 mm) minimum above the floor shall be permitted to reduce at a rate of 1 inch (25 mm) in depth for every 6 inches (150 mm) in height.		
408 Display Screens	Heading cell – no response required	Heading cell – no response required
408.2 Visibility. Where stationary ICT provides one or more display screens, at least one of each type of display screen shall be visible from a point located 40 inches (1015 mm) above the floor space where the display screen is viewed.		
408.3 Flashing. Where ICT emits lights in flashes, there shall be no more than three flashes in any one-second period.		
EXCEPTION: Flashes that do not exceed the general flash and red flash thresholds defined in WCAG 2.0 (incorporated by reference, see 702.10.1) are not required to conform to 408.3.		
409 Status Indicators	Heading cell – no response required	Heading cell – no response required

Criteria	Conformance Level	Remarks and Explanations
409.1 General. Where provided, status indicators shall be discernible		
visually and by touch or sound.		
410 Color Coding	Heading cell – no response required	Heading cell – no response required
410.1 General. Where provided, color coding shall not be used as the		
only means of conveying information, indicating an action, prompting a		
response, or distinguishing a visual element.		
411 Audible Signals	Heading cell – no response required	Heading cell – no response required
411.1 General. Where provided, audible signals or cues shall not be		
used as the only means of conveying information, indicating an action,		
or prompting a response		
412 ICT with Two-Way Voice Communication	Heading cell – no response required	Heading cell – no response required
412.2 Volume Gain	Heading cell – no response required	Heading cell – no response required
412.2.1 Volume Gain for Wireline Telephones. Volume gain		
conforming to 47 CFR 68.317 shall be provided on analog and digital		
wireline telephones.		
412.2.2 Volume Gain for Non-Wireline ICT. A method for		
increasing volume shall be provided for non-wireline ICT.		
412.3 Interference Reduction and Magnetic Coupling	Heading cell – no response required	Heading cell – no response required
412.3.1 Wireless Handsets. ICT in the form of wireless handsets shal	I	
conform to ANSI/IEEE C63.19-2011 (incorporated by reference, see		
702.5.1)		
412.3.2 Wireline Handsets. ICT in the form of wireline handsets,		
including cordless handsets, shall conform to TIA-1083-B (incorporated		
by reference, see702.9.1).		
412.4 Digital Encoding of Speech. ICT in IP-based networks shall		
transmit and receive speech that is digitally encoded in the manner		
specified by ITU-T Recommendation G.722.2 (incorporated by reference		
see 702.7.2) or IETF RFC 6716 (incorporated by reference, see 702.8.1).		
·	Deserved for future	December of few features
412.5 Real-Time Text Functionality. [Reserved].	Reserved for future	Reserved for future
412.6 Caller ID. Where provided, caller identification and similar telecommunications functions shall be visible and audible.		
1		
412.7 Video Communication. Where ICT provides real-time video functionality, the quality of the video shall be sufficient to support		
runcuonancy, the quality of the video shall be sufficient to support		

Criteria	Conformance Level	Remarks and Explanations
communication using sign language.		
412.8 Legacy TTY Support	Heading cell – no response required	Heading cell – no response required
412.8.1 TTY Connectability. ICT shall include a standard non-acoustic		
connection point for TTYs.		
412.8.2 Voice and Hearing Carry Over. ICT shall provide a		
microphone capable of being turned on and off to allow the user to		
intermix speech with TTY use.		
412.8.3 Signal Compatibility. ICT shall support all commonly used		
cross-manufacturer non-proprietary standard TTY signal protocols where the system interoperates with the Public Switched Telephone Network		
(PSTN).		
412.8.4 Voice Mail and Other Messaging Systems. Where provided,	,	
voice mail, auto-attendant, interactive voice response, and caller		
identification systems shall be usable with a TTY.		
413 Closed Caption Processing Technologies	Heading cell – no response required	Heading cell – no response required
413.1.1 Decoding and Display of Closed Captions. Players and		
displays shall decode closed caption data and support display of		
captions.		
413.1.2 Pass-Through of Closed Caption Data. Cabling and ancillary		
equipment shall pass through caption data.		
414 Audio Description Processing Technologies	Heading cell – no response required	Heading cell – no response required
414.1.1 Digital Television Tuners. Digital television tuners shall		
provide audio description processing that conforms to ATSC A/53 Digital Television Standard, Part 5 (2014) (incorporated by reference, see		
702.2.1). Digital television tuners shall provide processing of audio		
description when encoded as a Visually Impaired (VI) associated audio		
service that is provided as a complete program mix containing audio		
description according to the ATSC A/53 standard.		
414.1.2 Other ICT. ICT other than digital television tuners shall		
provide audio description processing.		
415 User Controls for Captions and Audio Descriptions	Heading cell – no response required	Heading cell – no response required
415.1.1 Caption Controls. Where ICT provides operable parts for		
volume control, ICT shall also provide operable parts for caption		
selection.		

Criteria	Conformance Level	Remarks and Explanations
415.1.2 Audio Description Controls. Where ICT provides operable parts for program selection, ICT shall also provide operable parts for the selection of audio description.		

Chapter 5: Software

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See <u>WCAG 2.0</u> section	See information in WCAG section
502 Interoperability with Assistive Technology	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features. Platform software shall provide user control over platform features that are defined in the platform documentation as accessibility features.		
502.2.2 No Disruption of Accessibility Features. Software shall not disrupt platform features that are defined in the platform documentation as accessibility features.		
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information. The object role, state(s), properties, boundary, name, and description shall be programmatically determinable.		
502.3.2 Modification of Object Information. States and properties that can be set by the user shall be capable of being set programmatically, including through assistive technology.		
502.3.3 Row, Column, and Headers. If an object is in a data table, the occupied rows and columns, and any headers associated with those rows or columns, shall be programmatically determinable.		
502.3.4 Values. Any current value(s), and any set or range of allowable values associated with an object, shall be programmatically determinable.		
502.3.5 Modification of Values. Values that can be set by the user shall be capable of being set programmatically, including through assistive technology.		
502.3.6 Label Relationships. Any relationship that a component has		

Criteria	Conformance Level	Remarks and Explanations
as a label for another component, or of being labeled by another		
component, shall be programmatically determinable.		
502.3.7 Hierarchical Relationships. Any hierarchical (parent-child)		
relationship that a component has as a container for, or being contained		
by, another component shall be programmatically determinable.		
502.3.8 Text. The content of text objects, text attributes, and the		
boundary of text rendered to the screen, shall be programmatically		
determinable.	1	
502.3.9 Modification of Text. Text that can be set by the user shall		
be capable of being set programmatically, including through assistive		
technology.		
502.3.10 List of Actions. A list of all actions that can be executed on		
an object shall be programmatically determinable.		
502.3.11 Actions on Objects. Applications shall allow assistive		
technology to programmatically execute available actions on objects.		
502.3.12 Focus Cursor. Applications shall expose information and		
mechanisms necessary to track focus, text insertion point, and selection		
attributes of user interface components.		
502.3.13 Modification of Focus Cursor. Focus, text insertion point,		
and selection attributes that can be set by the user shall be capable of		
being set programmatically, including through the use of assistive technology.		
502.3.14 Event Notification. Notification of events relevant to user		
interactions, including but not limited to, changes in the component's		
state(s), value, name, description, or boundary, shall be available to		
assistive technology.		
502.4 Platform Accessibility Features. Platforms and platform		
software shall conform to the requirements in ANSI/HFES 200.2, Human		
Factors Engineering of Software User Interfaces — Part 2: Accessibility		
(2008) (incorporated by reference, see 702.4.1) listed below:		
A. Section 9.3.3 Enable sequential entry of multiple (chorded)		
keystrokes;		
B. Section 9.3.4 Provide adjustment of delay before key acceptance;		
C. Section 9.3.5 Provide adjustment of same-key double-strike acceptance;		

Criteria	Conformance Level	Remarks and Explanations
D. Section 10.6.7 Allow users to choose visual alternative for audio output;		
E. Section 10.6.8 Synchronize audio equivalents for visual events;		
F. Section 10.6.9 Provide speech output services; and		
G. Section 10.7.1 Display any captions provided.		
503 Applications	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences. Applications shall permit user preferences from platform settings for color, contrast, font type, font size, and focus cursor.		
503.3 Alternative User Interfaces. Where an application provides an alternative user interface that functions as assistive technology, the application shall use platform and other industry standard accessibility services.		
503.4 User Controls for Captions and Audio Description	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls. Where user controls are provided for volume adjustment, ICT shall provide user controls for the selection of captions at the same menu level as the user controls for volume or program selection.		
503.4.2 Audio Description Controls. 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.		
504 Authoring Tools	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing. 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.		See information in WCAG section
EXCEPTION: Authoring tools shall not be required to conform to 504.2 when used to directly edit plain text source code.		
(NOTE: If the product is not an authoring tool, enter "not applicable")		

Criteria	Conformance Level	Remarks and Explanations
504.2.1 Preservation of Information Provided for Accessibility in		
Format Conversion. Authoring tools shall, when converting content		
from one format to another or saving content in multiple formats,		
preserve the information required for accessibility to the extent that the		
information is supported by the destination format.		
504.2.2 PDF Export. Authoring tools capable of exporting PDF files		
that conform to ISO 32000-1:2008 (PDF 1.7) shall also be capable of		
exporting PDF files that conform to ANSI/AIIM/ISO 14289-1:2016		
(PDF/UA-1) (incorporated by reference, see 702.3.1).		
504.3 Prompts. Authoring tools shall provide a mode of operation that		
prompts authors to create content that conforms to Level A and Level		
AA Success Criteria and Conformance Requirements in WCAG 2.0		
(incorporated by reference, see 702.10.1) for supported features and,		
as applicable, to file formats supported by the authoring tool.		
504.4 Templates. 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.		

Chapter 6: Support Documentation and Services

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features. Documentation shall list and explain how to use the accessibility and compatibility features required by Chapters 4 and 5. Documentation shall include accessibility features that are built-in and accessibility features that provide compatibility with assistive technology.		
602.3 Electronic Support Documentation. Documentation in electronic format, including Web-based self-service support, shall	See <u>WCAG 2.0</u> section	See information in WCAG section

Criteria	Conformance Level	Remarks and Explanations
conform to Level A and Level AA Success Criteria and Conformance		
Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1).		
602.4 Alternate Formats for Non-Electronic Support		
Documentation. Where support documentation is only provided in		
non-electronic formats, alternate formats usable by individuals with		
disabilities shall be provided upon request.		
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features.		
ICT support services shall include information on the accessibility and		
compatibility features required by 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.		

Legal Disclaimer (Company)

Include your company legal disclaimer here, if needed