



Technical Systems Integrators, Inc.

# AgileWARE® Accessibility Conformance Report

*VPAT® Version 2.X*

*Cyber Range as a Service®*

## Name of Product/Version

**Name of Product:** AgileWARE® (based on Quali CloudShell Over the Shoulder Portal) supporting Cyber Range as a Service®

## Product Description

The application is the AgileWARE® Over the shoulder Portal which includes the following:

- Lab Instruction Content Panes
- Virtual Machine GUI
- Lab Functionality

## Notes

This Voluntary Product Accessibility Template (VPAT) provides guidance on the accessibility characteristics of AgileWARE® (Cyber Range as a Service®) experience as of March 19<sup>th</sup>, 2024 and is only valid for the version and date it was tested. Lab Content adherence to accessibility constraints is solely the responsibility of the course lab developer. Please reference the link below to experience the lab with a different LMS (not part of this evaluation) panes that indicate a representative sampling of lab content that the testing below is based upon. The labs included in this test were:

- For Lab Instructions: [Technical Systems Integrators, Inc. - POC LMS Launch Instructions.pdf - All Documents \(sharepoint.com\)](#)
  - Lab 1: Lab 00005 – Analyze and Update a Company BCP\_5A\_DRP\_ORP

## Evaluation Methods Used

Assistive technology products used as part of testing included Microsoft Windows and Google Chrome accessibility features, and keyboard-only control. Testing was performed with Google Chrome and Microsoft Edge on Windows 11.

## Applicable Standards/Guidelines

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

Standard/Guideline	Included In Report
<a href="#">Web Content Accessibility Guidelines 2.0</a>	Level A (Yes) Level AA (Yes) Level AAA (No)
<a href="#">Web Content Accessibility Guidelines 2.1</a>	Level A (Yes) Level AA (Yes) Level AAA (No)
<a href="#">Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018</a>	Yes
<a href="#">EN 301 549 Accessibility requirements suitable for public procurement of ICT products and services in Europe</a> , - V2.1.2 (2018-08)	No

## 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.
- **Partially Supports:** 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.x Report

Tables 1 and 2 also document conformance with:

- Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing
- 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 [WCAG 2.0 Conformance Requirements](#).

**Table 1: Success Criteria, Level A**

Criteria	Conformance Level	Remarks and Explanations
<p><b><u>1.1.1 Non-text Content</u></b> (Level A)                      Also applies to:                      Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Images may have alternative text.
<p><b><u>1.2.1 Audio-only and Video-only (Prerecorded)</u></b> (Level A)                      Also applies to:                      Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Not Applicable	No audio or video only recordings.
<p><b><u>1.2.2 Captions (Prerecorded)</u></b> (Level A)                      Also applies to:                      Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Videos may contain closed captioning.
<p><b><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u></b> (Level A)                      Also applies to:                      Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Audio-described version of video may be available.
<p><b><u>1.3.1 Info and Relationships</u></b> (Level A)                      Also applies to:                      Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	n/a
<p><b><u>1.3.2 Meaningful Sequence</u></b> (Level A)                      Also applies to:                      Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Correct reading sequences can be programmatically determined. (again dependent upon Lab Developer)
<p><b><u>1.3.3 Sensory Characteristics</u></b> (Level A)                      Also applies to:                      Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Instructions and content do not rely solely on sensory characteristics of components.

Criteria	Conformance Level	Remarks and Explanations
<p><a href="#">1.4.1 Use of Color</a> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Color is not used as the sole means of conveying information.
<p><a href="#">1.4.2 Audio Control</a> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Not Applicable	The application does not use automatically playing audio.
<p><a href="#">2.1.1 Keyboard</a> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports/Does not support	Functions of the application are keyboard operable except for initial login and connection to virtual Machine require a mouse click. There may be assistive technology available to mimic this functionality outside of our application but driven from a browser.
<p><a href="#">2.1.2 No Keyboard Trap</a> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	There are no keyboard traps.
<p><a href="#">2.1.4 Character Key Shortcuts</a> (Level A 2.1 only) Also applies to: Revised Section 508 – Does not apply</p>	Not Applicable	Keyboard shortcuts using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters are not used.
<p><a href="#">2.2.1 Timing Adjustable</a> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	The lab time remaining is an essential function and can be checked at any point during a lab.
<p><a href="#">2.2.2 Pause, Stop, Hide</a> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	The application does not have animated content.

Criteria	Conformance Level	Remarks and Explanations
<p><b><u>2.3.1 Three Flashes or Below Threshold</u></b> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Flashing or blinking does not occur in the prohibited range.
<p><b><u>2.4.1 Bypass Blocks</u></b> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software) – Does not apply to non-web software</li> <li>• 602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>	Supports	This is up to the instructions developer – supported if implemented. (again dependent upon Lab Developer)
<p><b><u>2.4.2 Page Titled</u></b> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Pages use descriptive titles.
<p><b><u>2.4.3 Focus Order</u></b> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Where there is keyboard operation, the application can be navigated in an order that preserves meaning and operability. (again dependent upon Lab Developer)
<p><b><u>2.4.4 Link Purpose (In Context)</u></b> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	The purpose of each link can be determined from the link text together with context. (again dependent upon Lab Developer)
<p><b><u>2.5.1 Pointer Gestures</u></b> (Level A 2.1 only)</p> <p>Also applies to: Revised Section 508 – Does not apply</p>	Not Applicable	Multipoint or path-based gestures are not used.
<p><b><u>2.5.2 Pointer Cancellation</u></b> (Level A 2.1 only)</p> <p>Also applies to: Revised Section 508 – Does not apply</p>	Does not support for initial virtual machine login	Pointer functionality does contain a single menu to pick virtual machine style or type of GUI to support.
<p><b><u>2.5.3 Label in Name</u></b> (Level A 2.1 only)</p> <p>Also applies to: Revised Section 508 – Does not apply</p>	Supports	User interface components with labels contain the text that is presented visually. (again dependent upon Lab Developer)

Criteria	Conformance Level	Remarks and Explanations
<p><b><u>2.5.4 Motion Actuation</u></b> (Level A 2.1 only)  Also applies to:  Revised Section 508 – Does not apply</p>	Not Applicable	Application does not contain device or user motion functionality.
<p><b><u>3.1.1 Language of Page</u></b> (Level A)  Also applies to:  Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	The default human language can be programmatically determined by the course developer.
<p><b><u>3.2.1 On Focus</u></b> (Level A)  Also applies to:  Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Gaining focus on components does not initiate a change of context. (again dependent upon Lab Developer)
<p><b><u>3.2.2 On Input</u></b> (Level A)  Also applies to:  Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Changing the setting of user interface components does not automatically cause a change of context. (again dependent upon Lab Developer)
<p><b><u>3.3.1 Error Identification</u></b> (Level A)  Also applies to:  Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Required fields notify the user in text if there is no input. (again dependent upon Lab Developer)
<p><b><u>3.3.2 Labels or Instructions</u></b> (Level A)  Also applies to:  Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Labels and instructions are provided where user input is required. (again dependent upon Lab Developer)
<p><b><u>4.1.2 Name, Role, Value</u></b> (Level A)  Also applies to:  Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	The application provides name, role, state, and value information to assistive technology for components. (again dependent upon Lab Developer)

**Table 2: Success Criteria, Level AA**

Criteria	Conformance Level	Remarks and Explanations
<p><b><u>1.2.4 Captions (Live)</u></b> (Level AA)                      Also applies to:                      Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Not Applicable	No live presentations hosted.
<p><b><u>1.2.5 Audio Description (Prerecorded)</u></b> (Level AA)                      Also applies to:                      Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Audio-described version of video is available if lab developer provides.
<p><b><u>1.3.4 Orientation</u></b> (Level AA 2.1 only)                      Also applies to:                      Revised Section 508 – Does not apply</p>	Supports	Application does not restrict content to a single orientation.
<p><b><u>1.3.5 Identify Input Purpose</u></b> (Level AA 2.1 only)                      Also applies to:                      Revised Section 508 – Does not apply</p>	Supports	The purpose of each input field collecting information about the user can be programmatically determined. (again dependent upon Lab Developer)
<p><b><u>1.4.3 Contrast (Minimum)</u></b> (Level AA)                      Also applies to:                      Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	The application meets the required contrast ratios. This is selectable via the browser being used outside of our environment.
<p><b><u>1.4.4 Resize text</u></b> (Level AA)                      Also applies to:                      Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Text can be resized without loss of content or functionality.
<p><b><u>1.4.5 Images of Text</u></b> (Level AA)                      Also applies to:                      Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Images of text are not used. (again dependent upon Lab Developer)
<p><b><u>1.4.10 Reflow</u></b> (Level AA 2.1 only)                      Also applies to:                      Revised Section 508 – Does not apply</p>	Supports	Pages reflow for all standard zoom levels and screen sizes.

Criteria	Conformance Level	Remarks and Explanations
<p><a href="#">1.4.11 Non-text Contrast</a> (Level AA 2.1 only) Also applies to: Revised Section 508 – Does not apply</p>	Supports	Application elements have a contrast ratio of at least 3:1. (again dependent upon Lab Developer)
<p><a href="#">1.4.12 Text Spacing</a> (Level AA 2.1 only) Also applies to: Revised Section 508 – Does not apply</p>	Supports	No loss of content occurs by setting style properties to meet the text spacing requirement. (again dependent upon Lab Developer)
<p><a href="#">1.4.13 Content on Hover or Focus</a> (Level AA 2.1 only) Also applies to: Revised Section 508 – Does not apply</p>	Not Applicable	The application does not contain triggerable additional content. (again dependent upon Lab Developer)
<p><a href="#">2.4.5 Multiple Ways</a> (Level AA) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software) – Does not apply to non-web software</li> <li>• 602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>	Supports	There are multiple ways to perform various functions throughout the application. Keyboard arrows or mouse scroll or slide bar.
<p><a href="#">2.4.6 Headings and Labels</a> (Level AA) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Headings and labels describe topic or purpose. (again dependent upon Lab Developer)
<p><a href="#">2.4.7 Focus Visible</a> (Level AA) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	The visual focus is well-defined. Based on browser and its implementation.
<p><a href="#">3.1.2 Language of Parts</a> (Level AA) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	The default human language can be programmatically determined. (again dependent upon Lab Developer)
<p><a href="#">3.2.3 Consistent Navigation</a> (Level AA) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software) – Does not apply to non-web software</li> <li>• 602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>	Supports	Consistent navigation occurs throughout the application. Browser controlled.

Criteria	Conformance Level	Remarks and Explanations
<p><b><u>3.2.4 Consistent Identification</u></b> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software) – Does not apply to non-web software</li> <li>• 602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>	Supports	Consistent identification occurs throughout the application. (again dependent upon Lab Developer)
<p><b><u>3.3.3 Error Suggestion</u></b> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Required fields notify the user if there is no input. (again dependent upon Lab Developer)
<p><b><u>3.3.4 Error Prevention (Legal, Financial, Data)</u></b> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 602.3 (Support Docs)</li> </ul>	Not Applicable	Application does not cause legal commitments or financial transactions to occur for the user.
<p><b><u>4.1.3 Status Messages</u></b> (Level AA 2.1 only)</p> <p>Also applies to: Revised Section 508 – Does not apply</p>	Supports	Status messages can be programmatically determined through role or properties. (again dependent upon Lab Developer)

**Table 3: Success Criteria, Level AAA**

Notes: Product was not tested to WCAG 2.0 AAA level

# Revised Section 508 Report

## Chapter 3: [Functional Performance Criteria \(FPC\)](#)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Partially Supports	<p>The application is keyboard operable.</p> <p>The application provides name, role, state, and value information to assistive technology for components.</p> <p>Virtual Machines used in labs cannot be operated without vision.</p>
302.2 With Limited Vision	Supports	<p>The application is keyboard operable.</p> <p>The application provides name, role, state, and value information to assistive technology for components.</p> <p>The application can be used by users with low visual acuity when combined with screen magnification assistive technology.</p> <p>The application meets required contrast ratios.</p>
302.3 Without Perception of Color	Supports	<p>Color is not used as the sole means of conveying information.</p>
302.4 Without Hearing	Supports	<p>Does not require user hearing.</p>
302.5 With Limited Hearing	Supports	<p>Does not require user hearing.</p>
302.6 Without Speech	Supports	<p>Does not require user speech.</p>
302.7 With Limited Manipulation	Supports	<p>The application is keyboard operable.</p>
302.8 With Limited Reach and Strength	Supports	<p>The application is keyboard operable.</p>
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	

## Chapter 4: [Hardware](#)

Notes: This product is not hardware and therefore this section is not applicable to the product.

## Chapter 5: [Software](#)

Notes: This product is web-based and therefore this section is not applicable to the product.

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

Criteria	Conformance Level	Remarks and Explanations
<b>601.1 Scope</b>	Heading cell – no response required	Heading cell – no response required
<b><a href="#">602 Support Documentation</a></b>	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	The documentation is in electronic format and can be converted to other formats.
602.3 Electronic Support Documentation	See <a href="#">WCAG 2.0</a> section	See information in WCAG section
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	The documentation is in electronic format and can be converted to other formats.
<b><a href="#">603 Support Services</a></b>	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	Accessibility information can be found at the appropriate Browser website.
603.3 Accommodation of Communication Needs	Supports	Support services accommodate end users with disabilities.

## Legal Disclaimer (Company)

This Voluntary Product Accessibility Template (VPAT) provides guidance on the accessibility characteristics of the AgileWARE (CloudShell) Over the Shoulder capability as of **March 19<sup>th</sup>, 2024** and is only valid for the version and date it was tested.

This document is for informational purposes only, and Technical Systems Integrators, Inc. makes no warranties, express or implied, in this document.