

Software Title: Onshape
Reviewer Name: Gram Nitschke

Review Date: 10/3/23

Final Review Status: Fail

Process and Protocols: If the vendor provides a Voluntary Product Accessibility Template, transfer the information directly from that template. Any standard that has an exception or less than 100% compliance shall be marked as a “fail.” If a VPAT has two or fewer failed standards, and no required standard has failed, the product shall pass. If a product has 3 to 5 failed standards, a manual assessment must be done. Products failing 6 or more standards, or failing any of the required standards are considered to have failed.

For manual assessments, any product which fails a required standard or fails 6 or more standards overall is considered to have failed.

Per VPAT:

https://drive.google.com/file/d/1G_DfQ9mw2wjxRnGLeMiKNvD6d59VBUOX/view?usp=sharing

BUSD Web Accessibility Checklist		
Standard (*=required)	Status	Notes
* Baseline Test ID: 1.1-KeyboardAccess WCAG Standards: 2.1.1 Keyboard	Fail	Some user interface controls in Onshape are operable through a keyboard interface and do not require the use of a mouse, except for: <ul style="list-style-type: none">• Navigation links under My Account• Primary toolbar buttons• Help links• Buttons that open submenus
* Baseline Test ID: 1.2-NoKeyboardTrap WCAG Standards: 2.1.2 No Keyboard Trap	Fail	Focus can be moved away from most user interface controls in Onshape when using only a keyboard interface, except for the tab manager panel. which prevents keyboard focus from leaving the panel.
Baseline Test ID: 2.1-FocusVisible WCAG Standards: 2.4.7 Focus Visible	Fail	The keyboard focus indicator is not visible on most user interface components within Onshape.

<p>* Baseline Test ID: 2.2-FocusOrder WCAG Standards: 2.4.3 Focus Order</p>	<p>Fail ▾</p>	<p>Most of the interactive components within Onshape receive focus in an order that preserves meaning and operability, except for buttons in the header region that contain positive tabindex values and may result in an unintuitive focus order.</p>
<p>* Baseline Test ID: 2.3-OnFocus WCAG Standards: 3.2.1 On Focus</p>	<p>Pass ▾</p>	
<p>* Baseline Test ID: 5.1-ChangeContent WCAG Standards: 4.1.2 Name, Role, Value</p>	<p>Fail ▾</p>	<p>The name and role for most user interface controls in Onshape 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. However, the following controls are missing accessible names and / or role information:</p> <ul style="list-style-type: none"> • Primary toolbar controls and submenus • My Account navigation • Accordions across the application • Document tabs • Dialog titles • Iframe titles • Panel and dialog close buttons • Account and help menus
<p>* Baseline Test ID: 7.1-Color WCAG Standards: 1.4.1 Use of Color</p>	<p>Pass ▾</p>	
<p>* Baseline Test ID: 7.2-SensoryCharacteristics WCAG Standards: 1.3.3 Sensory Characteristics</p>	<p>Pass ▾</p>	
<p>* Baseline Test ID: 8.1-ContrastMinimum WCAG Standards: 1.4.3 Contrast (Minimum)</p>	<p>Fail ▾</p>	<p>The visual presentation of text and images of text has a contrast ratio of at least 4.5:1 with surrounding colors, except for:</p> <ul style="list-style-type: none"> • Form labels • Footer text • Field description text in My Account
<p>* Baseline Test ID: 9.1-Flashes WCAG Standards: 2.3.1 Three Flashes or Below Threshold</p>	<p>Pass ▾</p>	

<p>* Baseline Test ID: 10.1-FormName WCAG Standards: 4.1.2 Name, Role, Value</p>	<p>Fail ▾</p>	<p>The name and role for most user interface controls in Onshape 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. However, the following controls are missing accessible names and / or role information:</p> <ul style="list-style-type: none"> • Primary toolbar controls and submenus • My Account navigation • Accordions across the application • Document tabs • Dialog titles • Iframe titles • Panel and dialog close buttons • Account and help menus
<p>Baseline Test ID: 10.2-FormDescriptiveLabel WCAG Standards: 3.3.2 Labels or Instruction</p>	<p>Fail ▾</p>	<p>Visible labels or instructions are not programmatically associated with input fields throughout Onshape.</p>
<p>Baseline Test ID: 10.4-ErrorIdentification WCAG Standards: 3.3.3 Error Suggestion</p>	<p>Pass ▾</p>	
<p>Baseline Test ID: 13.1-HeadingDescriptive WCAG Standards: 2.4.6 Headings and Labels</p>	<p>Pass ▾</p>	
<p>Baseline Test ID: 13.2-VisHeadingProg WCAG Standards: 2.4.6 Headings and Labels</p>	<p>Pass ▾</p>	
<p>Baseline Test ID: 13.3-ProgHeadingVisual WCAG Standards: 2.4.6 Headings and Labels</p>	<p>Pass ▾</p>	
<p>Baseline Test ID: 13.4-List WCAG Standards: 1.3.1 Info and Relationships</p>	<p>Fail ▾</p>	<p>Most information in Onshape that is conveyed through presentation can be programmatically determined, with the following exceptions:</p> <ul style="list-style-type: none"> • Implicit headings are not identified programmatically • HTML sectioning elements are not used to establish landmark regions • A chat iframe lacks an accessible name • A table is used for layout purposes • Div elements are used to structure data tables

<p>* Baseline Test ID: 14.1-LinkPurpose WCAG Standards: 2.4.4 Link Purpose (In Context)</p>	<p>Fail ▾</p>	<p>The purpose of links in Onshape can be determined from the link text alone or from the link text together with its programmatically determined link context, except for:</p> <ul style="list-style-type: none">• Help icon links• Search clear and submit icon links• Notifications link
<p>* Baseline Test ID: 16.1-AudioOnlyTranscript WCAG Standards: 1.2.1 Audio-only and Video-only</p>	<p>Pass ▾</p>	
<p>* Baseline Test ID: 16.2-VideoOnlyAlt WCAG Standards: 1.2.1 Audio-only and Video-only</p>	<p>Pass ▾</p>	