

## Evaluation Results from the CMS Accessibility Validation Of:

### YubiKey Manager (MAC) 1.2.6

Test Date: 07/04/2024

Business Owner: Hughes, Rob

Component: CMS/OIT

Total Tests 13

Pass Marginal Fail Report

Fails	Marginals	Passes
6	1	6

Overall Percent

50.0%

The processes tested for

YubiKey Manager (MAC) are rated 50.0% 508 Compliant

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Test Case	Issue Details	Standard Undermined	Pass/Fail
01	Home Page: <b>S1:</b> Yubico Logo is not announced by Voiceover.	1.1.1	Marginal
02	Launch > About button: <b>S1:</b> Text content is not announced by Voiceover. Modal dialog does not receive visual focus.	2.4.7	Fail
03	Interfaces: <b>S1:</b> “Disable all” buttons are not associated to proceeding headers.	1.3.1	Fail

Test Case	Issue Details	Standard Undermined	Pass/Fail
04	4. Calendar: a) <b>S1:</b> Unable to navigate the calendar with the keyboard. b) <b>S2:</b> Expiration Date text field: Date is visually displayed as 2025-06-08 but announced by Voiceover as June 8, 2025; suggest adding the date as visually seen on the text field so that a screenreader user is not confused when typing the date.	1.3.1, 2.1.1	Fail
05	Headings: <b>S2:</b> Text content that visually presents as a heading or label is not programmatically determined or correctly marked up. (Global)	2.4.6, 1.3.1	Fail
06	Global: a) <b>S1:</b> Upon expanding, the drop-down menu context is not announced by Voiceover. b) <b>S2:</b> Upon closing the drop down, the focus shifts on the top of the page, whereas the focus should stay on the same element. Ensure that users can navigate sequentially through the content. c) <b>S1:</b> Status messages are not announced by a screen reader. d) <b>S2:</b> Color Contrast of light green navigational text buttons is insufficient.	1.3.1, 2.4.3, 4.1.3, 1.4.3	Fail
07	<b>S1:</b> Tooltips are not keyboard or screen reader discoverable. (Global)	2.1.1	Fail
08	Launch YubiKey Manager: No issues.	2.1	Pass

Test Case	Issue Details	Standard Undermined	Pass/Fail
09	Launch Help button: No issues.	2.1	Pass
10	Button elements (Generate, change pin, Save interfaces, Next, Yes, No, etc.) activation: No issues	2.1	Pass
11	Applications: OTP Select Credential Type: Navigation of radio buttons: No issues	2.1	Pass
12	Applications: OTP: Static Password input & navigation: No issues	2.1	Pass
13	Interfaces: Navigation of checkboxes: No issues	2.1	Pass

### **PLEASE NOTE:**

- **1. Section 508 validation results are based on the Web Content Accessibility Guidelines (WCAG) 2.0, as incorporated by reference in the 2017 revised 508 standards.**
- **2. You have 1 year from the test date to remediate all items that did not pass.**  
However, you are encouraged to remediate as soon as possible. Remediation will be validated during a follow-up testing session. Please contact us when you are ready to retest remediated items.
- **3. If your application scored below 75%, it may be prevented from being released/installed/uploaded in the CMS infrastructure.**
- 4. Based on the Severity (S1, S2, S3) allocation, adhering to agile methodology it is recommended that S1 is remediated 1st, S2 remediated 2nd, and S3 remediated 3rd.**

**For questions regarding 508 testing and/or this report, please call 410-786-5952, or email [508accessibilityvalidationtesting@cms.hhs.gov](mailto:508accessibilityvalidationtesting@cms.hhs.gov).**